

**MINISTERO
DELLE INFRASTRUTTURE E DELLA MOBILITÀ SOSTENIBILI
STRUTTURA TECNICA DI MISSIONE**



COMUNE DI TORINO



**METROPOLITANA AUTOMATICA DI TORINO
LINEA 2 - TRATTA POLITECNICO - REBAUDENGO
PROGETTAZIONE DEFINITIVA
Lotto Costruttivo 2: Bologna - Politecnico**


PROGETTO DEFINITIVO		INFRA.TO <i>infrastrutture per la mobilità</i>				INFRATRASPORTI.TO S.r.l.		
DIRETTORE PROGETTAZIONE <small>Responsabile integrazione discipline specialistiche</small>	IL PROGETTISTA	<p>URBANISTICO - MONUMENTO CARLO ALBERTO</p> <p>INTERVENTI DI TRASLAZIONE PROVVISORIA</p> <p>RELAZIONE DI CALCOLO</p>						
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		MTL2T1A2DURBMCAR 010		0	2		13/11/2023	

AGGIORNAMENTI

Fg. 1 di 1

REV.	DESCRIZIONE	DATA	REDATTO	CONTROL.	APPROV.	VISTO
0	EMISSIONE	10/10/23	FGalvagno	GGritella	FGalvagno	RCrova
1	Emissione finale a seguito di verifica preventiva	26/10/23	FGalvagno	GGritella	FGalvagno	RCrova
2	Emissione finale a seguito di verifica preventiva	13/11/23	FGalvagno	GGritella	FGalvagno	RCrova
-	-	-	-	-	-	-
-	-	-	-	-	-	-

<table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">LOTTO 2</td> <td style="padding: 2px;">CARTELLA</td> <td style="padding: 2px;">6.1.3</td> <td style="padding: 2px;">30</td> <td style="padding: 2px;">MTL2T1A2D</td> <td style="padding: 2px;">URBMCAR010</td> </tr> </table>	LOTTO 2	CARTELLA	6.1.3	30	MTL2T1A2D	URBMCAR010	STAZIONE APPALTANTE DIRETTORE DI DIVISIONE INFRASTRUTTURE E MOBILITÀ Ing. R. Bertasio RESPONSABILE UNICO DEL PROCEDIMENTO Ing. A. Strozziro
LOTTO 2	CARTELLA	6.1.3	30	MTL2T1A2D	URBMCAR010		

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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

CITTA' DI TORINO

INFRA.TO

**INTERVENTO DI TRASLAZIONE PROVVISORIA E
RESTAURO DEL**


**MONUMENTO A RE CARLO ALBERTO
DI SAVOIA CARIGNANO**

in Torino

RELAZIONE DI CALCOLO

INGEGNERE FRANCO GALVAGNO

Torino, Ottobre 2023

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INDICE

1. Generalità.....	3
2. Relazione di calcolo.....	4
2.3 Materiali impiegati.....	4
2.4 Verifiche strutturali.....	6
2.4.1 Carichi	6
2.4.2 Strutture in acciaio	7
2.4.2.1 Modellazione della struttura e dei vincoli.....	7
2.4.2.2 Schematizzazione delle azioni	7
2.4.2.3 Modellazione dei materiali	7
2.4.2.4 Tipo di analisi	7
2.4.2.5 Individuazione del codice di calcolo.....	8
2.4.2.6 Grado di affidabilità del codice.....	8
2.4.2.7 Motivazione della scelta del codice	8
2.4.2.8 Valutazione della correttezza del modello	9
2.4.2.9 Giudizio motivato di accettabilità dei risultati	9
2.4.3 Impalcato metallico – Risultati delle verifiche	9
<i>VERIFICHE DI RESISTENZA - INDICI DI SFRUTTAMENTO</i>	13
<i>SPOSTAMENTI VERTICALI</i>	16
<i>VERIFICA BULLONI DI FISSAGGIO</i>	21
2.4.4 Tabulati di calcolo	28
<i>DATI STRUTTURA:</i>	28
<i>DESCRIZIONE CASI DI CARICO:</i>	36
<i>SPOSTAMENTI NODALI:</i>	37
<i>VERIFICHE ASTE IN ACCIAIO:</i>	40
2.5 Verifiche infilaggi.....	206
2.6 Verifiche paratia micropali	207
2.6.1 Approccio 1 – Combinazione 1 (A1+M1+R1) – Verifiche geotecniche e strutturali	210
2.6.2 Approccio 1 – Combinazione 2 (A2+M2+R1) - Verifiche geotecniche e strutturali.....	223
2.7 Verifiche trave testa pali	236
2.7.1 Verifiche armature	240
<i>DESCRIZIONE CASI DI CARICO:</i>	240
<i>VERIFICA GUSCI IN C.A.:</i>	241



1. Generalità

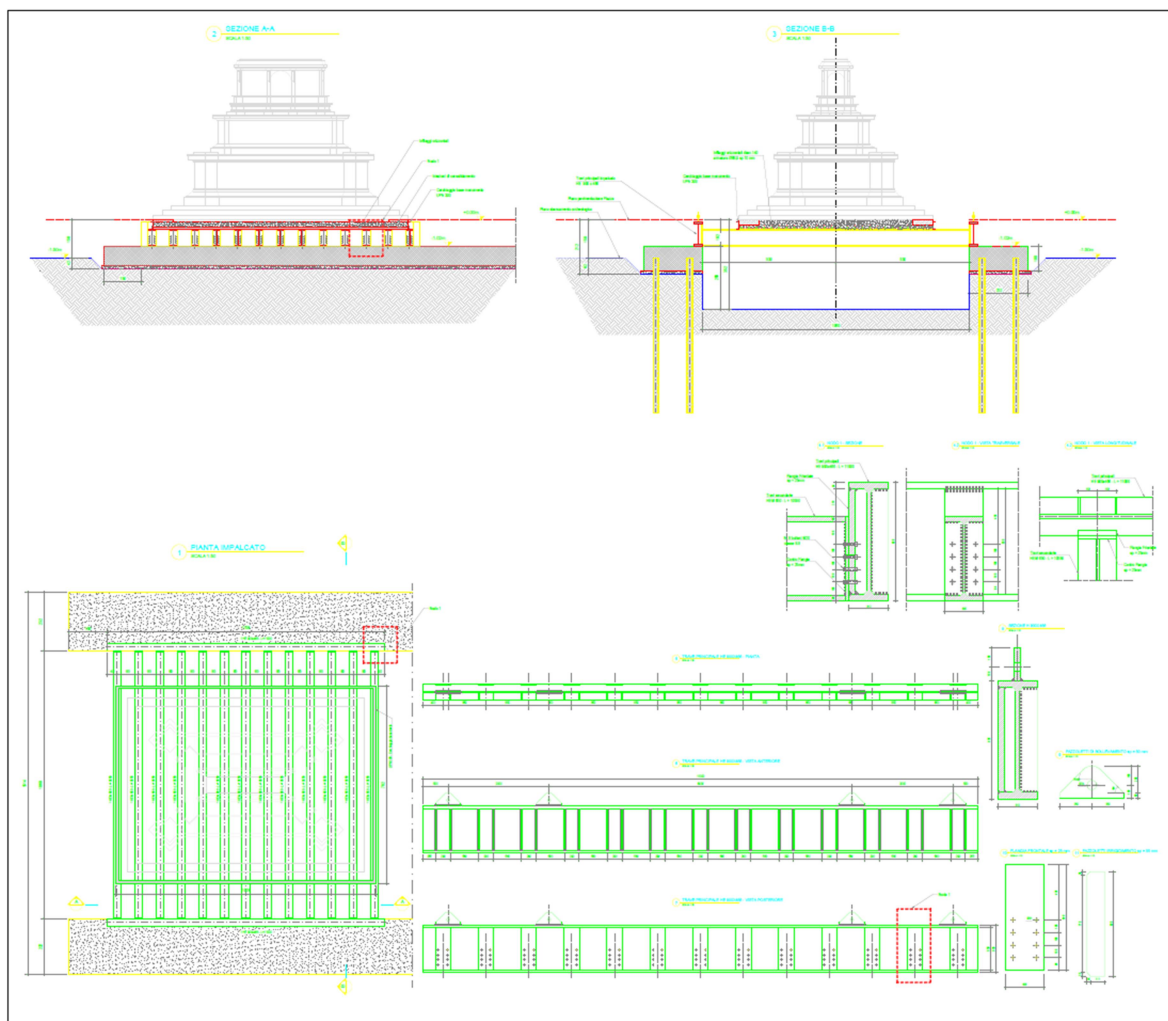
La relazione ha per oggetto l'impalcato metallico necessario per sollevare il monumento di Re Carlo Alberto situato nell'omonima piazza di Torino.


L'impalcato metallico, che verrà inserito al di sotto del basamento, sarà costituito da una serie di travi secondarie in profilati HEM 650 posate ad interasse 85 cm.

Le travi secondarie verranno fissate, tramite bullonature, a due travi laterali principali di lunghezza 11,00 m, costituite da profili HM 900x166 dotate di opportune piastre a cui fissare il sistema di sollevamento. Le due travi principali sono disposte ad un interasse pari a 10,912 m.

I punti di ancoraggio previsti sulle due travi laterali sono quattro per ogni trave.

Nel prosieguo, le verifiche verranno realizzate considerando attivi gli otto punti di sollevamento o, in alternativa, i soli quattro disposti sulle estremità.



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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2. Relazione di calcolo

La struttura si trova in un comune classificato dalla Regione Piemonte come sismico in zona 3S, trattandosi di struttura provvisoria con $VN < 2$ anni, si omettono le verifiche sismiche considerando anche il fatto che, dopo lo spostamento, la statua col basamento resterà poggiata a terra.

2.1 Norme di riferimento

- Legge 05/11/1971 n. 1086

“Norme tecniche per il calcolo, l’esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche”

- Legge 02/02/1974 n. 64

“Norme tecniche per le costruzioni in zone sismiche”

- D.M. 17/01/2018

"Aggiornamento delle Norme Tecniche per le Costruzioni”.

- Circolare Ministero delle Infrastrutture e dei Trasporti 21/01/2019 n. 7

"Istruzioni per l’applicazione dell’«Aggiornamento delle “Norme Tecniche per le Costruzioni”» di cui al D.M. 17/01/2018”

2.2 Metodo di calcolo

Il metodo di calcolo impiegato è quello detto “degli stati limite” secondo le formulazioni contenute nel D.M. 17/01/2018.


Per le strutture metalliche si fa riferimento allo stato limite elastico delle sezioni, ovvero al raggiungimento, nel punto più sollecitato, della tensione di snervamento di calcolo dell’acciaio.

2.3 Materiali impiegati

- Acciaio per carpenteria metallica:


+Acciaio Tipo S235JR - UNI EN10025

$$f_{yk} \geq 275 \text{ N/mm}^2 \quad f_{tk} \geq 430 \text{ N/mm}^2$$

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

Tensione caratteristica di snervamento	$f_{d,k} = 275 \text{ N/mm}^2$
Tensione di snervamento di calcolo	$f_d = 275/1,05 = 262 \text{ N/mm}^2$
+Acciaio armature micropali: Tipo S355JRH - UNI EN10210	
$f_{yk} \geq 355 \text{ N/mm}^2 \quad f_{tk} \geq 510 \text{ N/mm}^2$	
Tensione caratteristica di snervamento	$f_{d,k} = 355 \text{ N/mm}^2$
Tensione di snervamento di calcolo	$f_d = 355/1,05 = 338 \text{ N/mm}^2$
+Bulloni:	
Vite: Classe 8.8	
Dado: Classe 8	
Resistenze di progetto	$f_{d/N} = 560 \text{ N/mm}^2$
	$f_{d/V} = 396 \text{ N/mm}^2$
+Saldature – Acciaio S275:	
	$\beta = 0,85$
	$\beta_1 = 0,70$
	$\beta_2 = 0,85$
	$\gamma_{M2} = 1,25$

Circa le altre prescrizioni esecutive si richiamano le disposizioni di cui alle norme tecniche vigenti emanate dal Ministero dei Lavori Pubblici.

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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.4 Verifiche strutturali

2.4.1 Carichi

Carichi verticali:

Come carichi si sono assunti i seguenti:

- 1) Peso del monumento e del relativo basamento:

$$P_1 = 2.700 \text{ kN}$$

- 2) Carichi ulteriori:

$$P_2 = 300 \text{ kN}$$

Il carico complessivo vale quindi:

$$P = P_1 + P_2 = 3.000 \text{ kN}$$

Nel corso della movimentazione si assume un ulteriore incremento per eventuali effetti dinamici pari a:

$$\Phi_{\text{din}} = 0,10$$

Per cui il carico complessivo utilizzato nei calcoli è assunto pari a:


$$P_k = (1 + \Phi_{\text{din}}) P = 3.300 \text{ kN}$$

Questo carico viene uniformemente ripartito su di un rettangolo avente dimensioni pari a:

$$A_{\text{rip}} = 10,20 \cdot 7,60 \text{ m} = 77,52 \text{ m}^2$$

Il carico uniformemente distribuito sull'area di ingombre del monumento vale, quindi:

$$Q_k = P_k / A_{\text{rip}} = 42,57 \text{ kN/m}^2$$

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.4.2 Strutture in acciaio

2.4.2.1 Modellazione della struttura e dei vincoli

La struttura è modellata con il metodo degli elementi finiti, applicato a sistemi tridimensionali. Gli elementi utilizzati possono essere sia monodimensionali (trave con eventuali sconnessioni interne), che bidimensionali (piastre e membrane triangolari e quadrangolari). I vincoli sono considerati puntuali ed inseriti tramite le sei costanti di rigidità elastica, oppure come elementi asta poggianti su suolo elastico. Le sezioni oggetto di verifica nelle travi sono stampate a passo costante; dei gusci si conoscono le sollecitazioni nel baricentro dell'elemento stesso.

2.4.2.2 Schematizzazione delle azioni

In accordo con le sopracitate normative, sono state considerate nei calcoli le seguenti azioni:

- pesi propri strutturali
- carichi permanenti portati dalla struttura
- carichi variabili agenti.

Le azioni sono state modellate tramite opportuni carichi concentrati e distribuiti su nodi, elementi guscio e aste.


Le condizioni ed i casi di carico prese in conto nei calcoli sono specificate nella stampa dei dati di input.

2.4.2.3 Modellazione dei materiali

I materiali costituenti la struttura sono considerati elastici e con comportamento lineare. Le loro caratteristiche sono specificate nella stampa dei dati di input.

2.4.2.4 Tipo di analisi

Le analisi strutturali condotte sono statiche in regime lineare. Il metodo di calcolo è ad elementi finiti.

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.4.2.5 Individuazione del codice di calcolo

Per il calcolo delle sollecitazioni e per la verifica delle travi in acciaio si è fatto ricorso all'elaboratore elettronico utilizzando il seguente programma di calcolo:

DOLMEN WIN (R), versione 23 del 2023 prodotto, distribuito ed assistito dalla CDM DOLMEN srl, con sede in Torino, Via Drovetti 9/F.

Questa procedura è sviluppata in ambiente Windows, ed è stata scritta utilizzando i linguaggi Fortran e C. DOLMEN WIN permette l'analisi elastica lineare di strutture tridimensionali con nodi a sei gradi di libertà utilizzando un solutore ad elementi finiti. Gli elementi considerati sono la trave, con eventuali svincoli interni o rotazione attorno al proprio asse, ed il guscio, sia rettangolare che triangolare, avente comportamento di membrana e di piastra. I carichi possono essere applicati sia ai nodi, come forze o coppie concentrate, sia sulle travi, come forze distribuite, trapezie, concentrate, come coppie e come distorsioni termiche. I vincoli sono forniti tramite le sei costanti di rigidezza elastica.


A supporto del programma è fornito un ampio manuale d'uso contenente fra l'altro una vasta serie di test di validazione sia su esempi classici di Scienza delle Costruzioni, sia su strutture particolarmente impegnative e reperibili nella bibliografia specializzata.

2.4.2.6 Grado di affidabilità del codice

L'affidabilità del codice di calcolo è garantita dall'esistenza di un'ampia documentazione di supporto, come indicato nel paragrafo precedente. La presenza di un modulo CAD per l'introduzione di dati permette la visualizzazione dettagliata degli elementi introdotti. E' possibile inoltre ottenere rappresentazioni grafiche di deformate e sollecitazioni della struttura. Al termine dell'elaborazione viene inoltre valutata la qualità della soluzione, in base all'uguaglianza del lavoro esterno e dell'energia di deformazione.

2.4.2.7 Motivazione della scelta del codice

DOLMEN WIN permette in campo elastico lineare un'analisi dettagliata del comportamento dell'intera struttura, tenendo conto del comportamento irrigidente di setti anche complessi e solai considerati con la loro effettiva rigidezza. E' possibile inoltre scegliere il grado di affinamento dell'analisi di elementi complessi utilizzando mesh via via più dettagliate.

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.4.2.8 Valutazione della correttezza del modello

Il modello di calcolo adottato è da ritenersi appropriato in quanto non sono state riscontrate labilità, le reazioni vincolari equilibrano i carichi applicati, la simmetria di carichi e struttura dà origine a sollecitazioni simmetriche.

2.4.2.9 Giudizio motivato di accettabilità dei risultati

L'analisi critica dei risultati e dei parametri di controllo nonché il confronto con calcolazioni di massima eseguite manualmente porta a confermare la validità dei risultati.

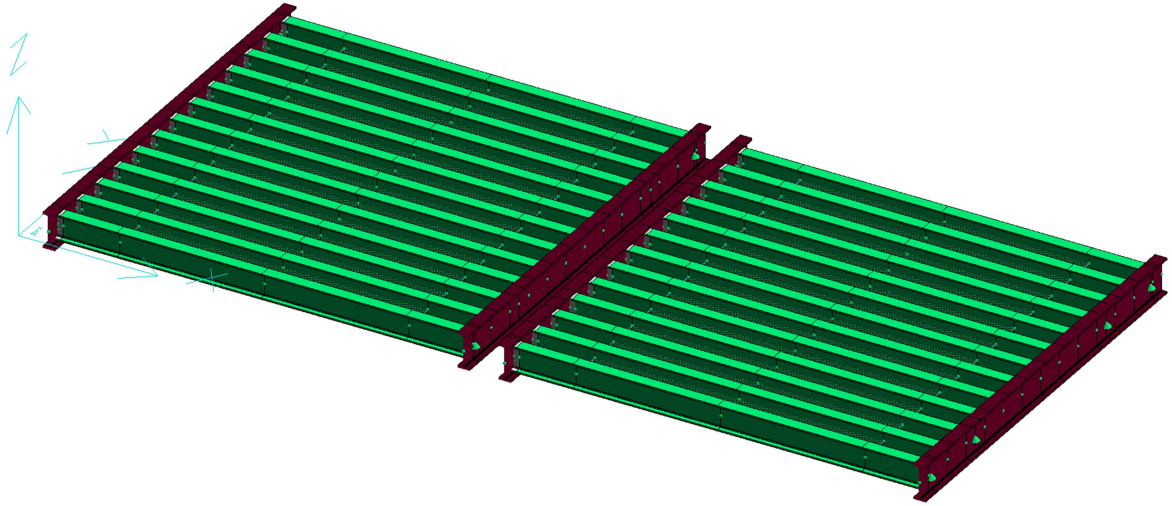
Per la struttura in esame si sono assunti i materiali ed i carichi precedentemente definiti

2.4.3 Impalcato metallico – Risultati delle verifiche

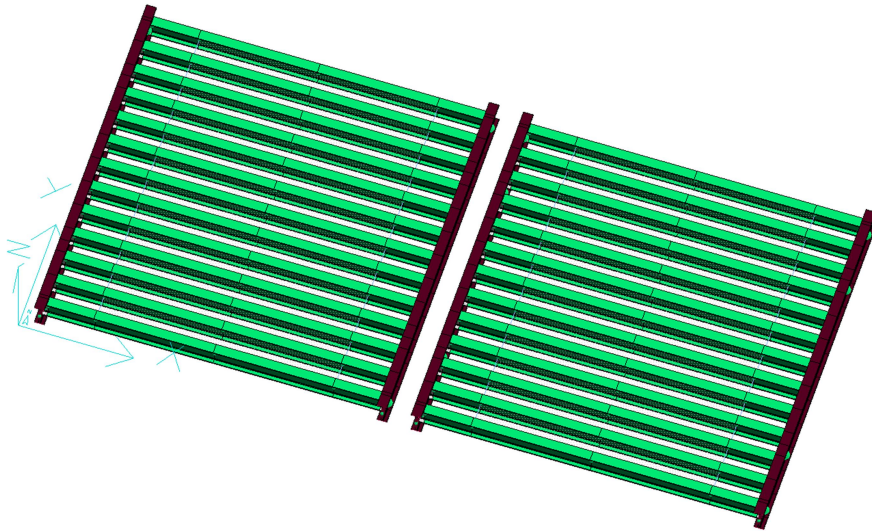
I modelli strutturali studiati sono due: uno con soli quattro punti di sollevamento e l'altro con tutti i punti di sollevamento (otto) utilizzati)



Assonometria : 30, 30



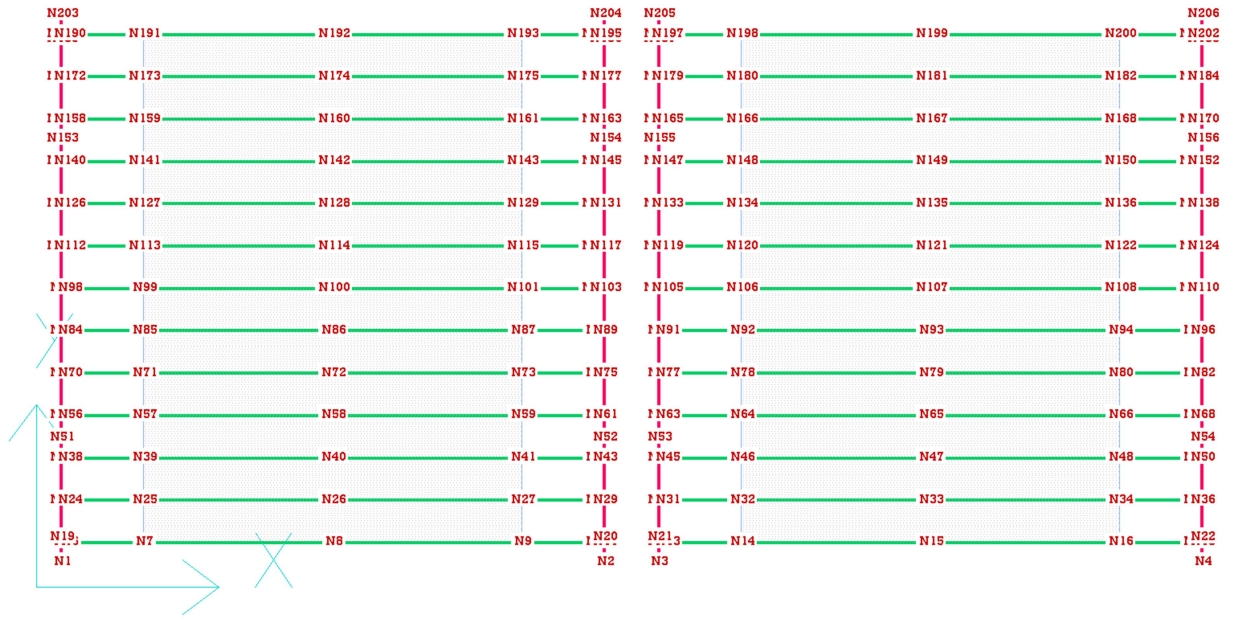
Assonometria : 61, 18





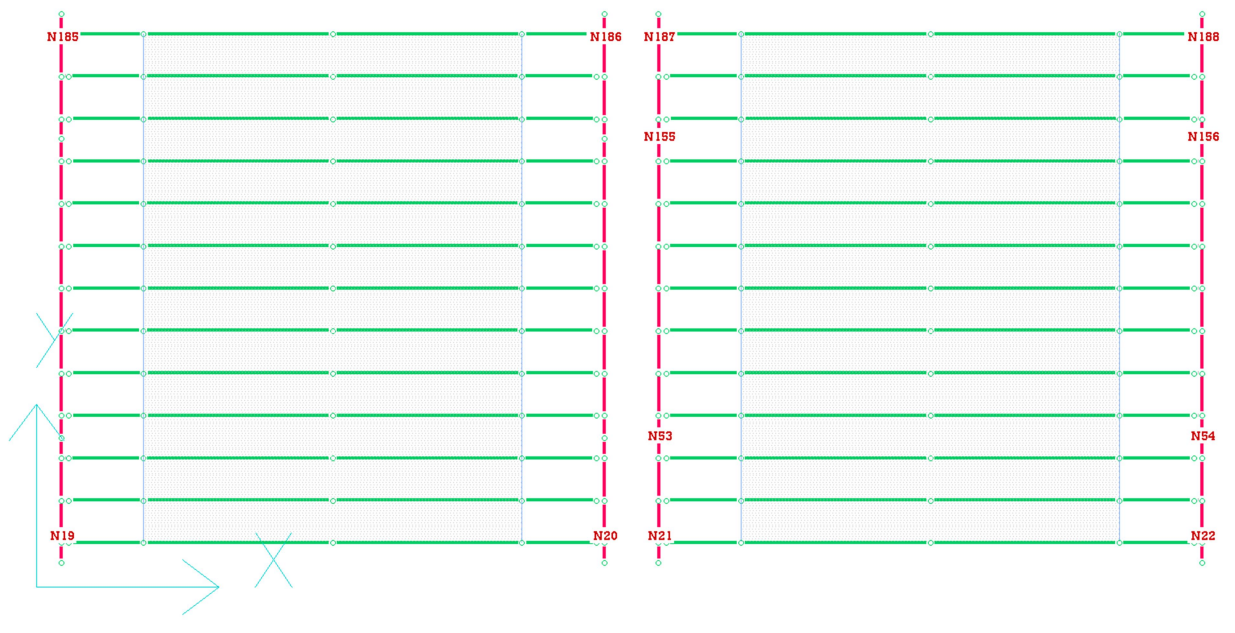
Numerazione nodi

Piano XY Z = 0 cm



Numerazione nodi di sospensione

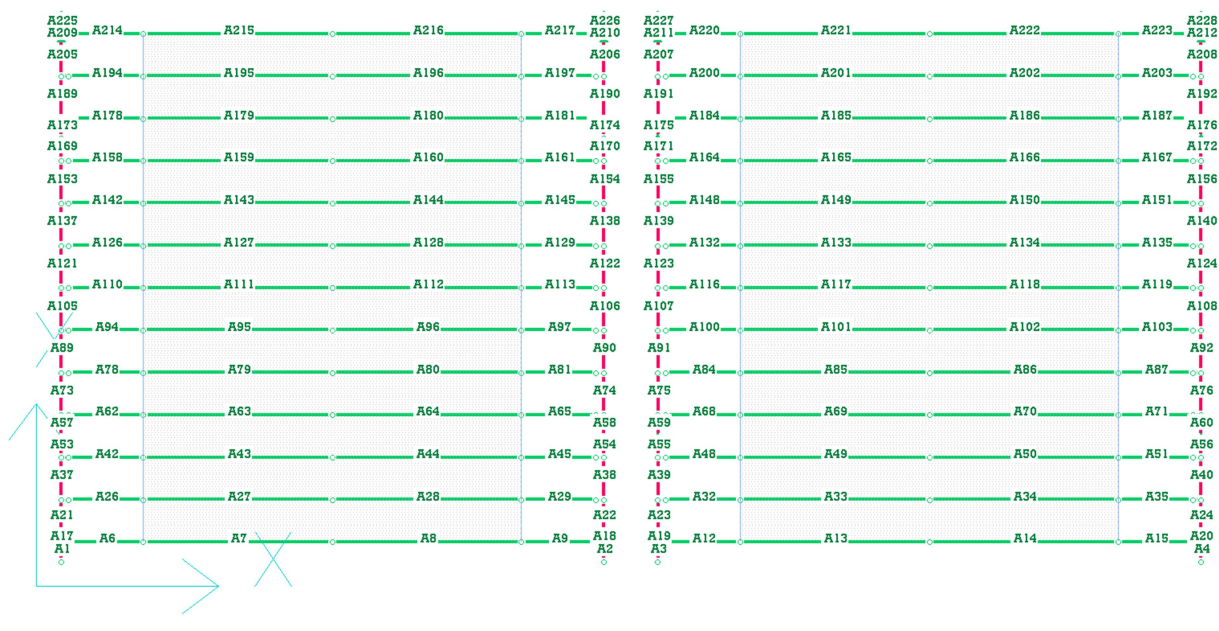
Piano XY Z = 0 cm





Numerazione aste

Piano XY, Z = 0 cm



Vengono qui di seguito riportate:

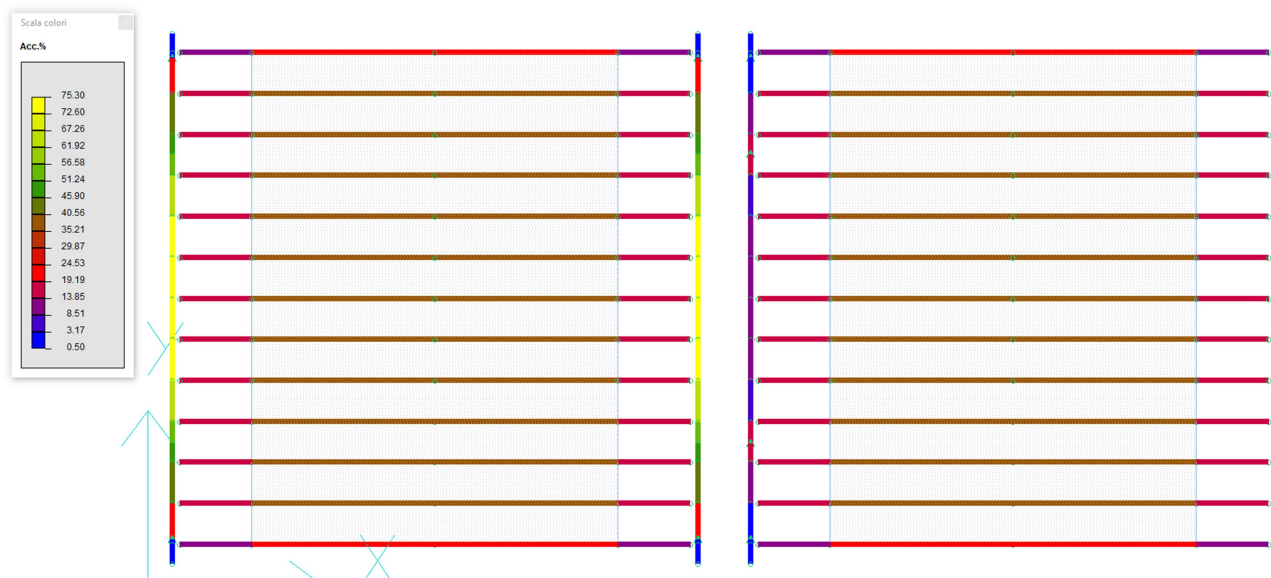
Verifiche strutturali relative agli elementi trave.

Le sezioni delle travi sono in Classe 1 per flessione. La verifica viene effettuata comunque con riferimento allo stato limite elastico delle sezioni, ovvero al raggiungimento, nel punto più sollecitato, della tensione di snervamento di calcolo dell'acciaio.

Data la presenza del basamento e delle strutture tubolari di connessione all'estradosso delle travi, si considerano le travi vincolate a torsione e pertanto si trascura la verifica a instabilità flessotorsionale.



VERIFICHE DI RESISTENZA - INDICI DI SFRUTTAMENTO



VERIFICA ASTE IN ACCIAIO

RIASSUNTO DELLE ASTE VERIFICATE CON L'ULTIMO CALCOLO EFFETTUATO

Rapporti di tensioni:

asta	sez	profilo	Tau %	Sx %	Si %	Ss %	Caso	Max %	
6	1	P_HEM650_S001	7	10	10	0	1- 1	10	Si
7	1	P_HEM650_S001	7	20	20	0	1- 1	20	Si
8	1	P_HEM650_S001	7	20	20	0	1- 1	20	Si
9	1	P_HEM650_S001	7	10	10	0	1- 1	10	Si
12	1	P_HEM650_S001	7	10	10	0	1- 1	10	Si
13	1	P_HEM650_S001	7	20	20	0	1- 1	20	Si
14	1	P_HEM650_S001	7	20	20	0	1- 1	20	Si
15	1	P_HEM650_S001	7	10	10	0	1- 1	10	Si
26	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
27	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
28	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
29	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
32	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
33	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
34	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
35	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
42	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
43	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
44	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
45	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
48	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
49	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
50	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
51	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
62	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
63	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
64	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
65	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
68	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
69	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
70	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
71	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
78	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
79	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
80	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
81	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
84	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
85	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
86	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
87	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
94	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
95	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
96	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si



97	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
100	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
101	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
102	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
103	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
110	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
111	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
112	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
113	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
116	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
117	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
118	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
119	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
126	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
127	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
128	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
129	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
132	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
133	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
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135	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
142	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
143	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
144	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
145	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
148	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
149	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
150	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
151	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
158	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
159	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
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161	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
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178	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
179	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
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181	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
184	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
185	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
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187	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
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195	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
196	1	P_HEM650_S001	12	36	36	0	1- 1	36	Si
197	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
200	1	P_HEM650_S001	13	17	17	0	1- 1	17	Si
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221	1	P_HEM650_S001	7	20	20	0	1- 1	20	Si
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223	1	P_HEM650_S001	7	10	10	0	1- 1	10	Si
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3	2	G_HE900x466	0	1	1	0	1- 1	1	Si
4	2	G_HE900x466	0	1	1	0	1- 1	1	Si
17	2	G_HE900x466	0	1	1	0	1- 1	1	Si
18	2	G_HE900x466	0	1	1	0	1- 1	1	Si
19	2	G_HE900x466	0	1	1	0	1- 1	1	Si
20	2	G_HE900x466	0	1	1	0	1- 1	1	Si
21	2	G_HE900x466	0	21	21	0	1- 1	21	Si
22	2	G_HE900x466	0	21	21	0	1- 1	21	Si
23	2	G_HE900x466	0	3	3	0	1- 1	3	Si
24	2	G_HE900x466	0	3	3	0	1- 1	3	Si
37	2	G_HE900x466	0	41	41	0	1- 1	41	Si
38	2	G_HE900x466	0	41	41	0	1- 1	41	Si
39	2	G_HE900x466	0	10	10	0	1- 1	10	Si
40	2	G_HE900x466	0	10	10	0	1- 1	10	Si
53	2	G_HE900x466	0	48	48	0	1- 1	48	Si
54	2	G_HE900x466	0	48	48	0	1- 1	48	Si
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56	2	G_HE900x466	0	15	15	0	1- 1	15	Si
57	2	G_HE900x466	0	56	56	0	1- 1	56	Si
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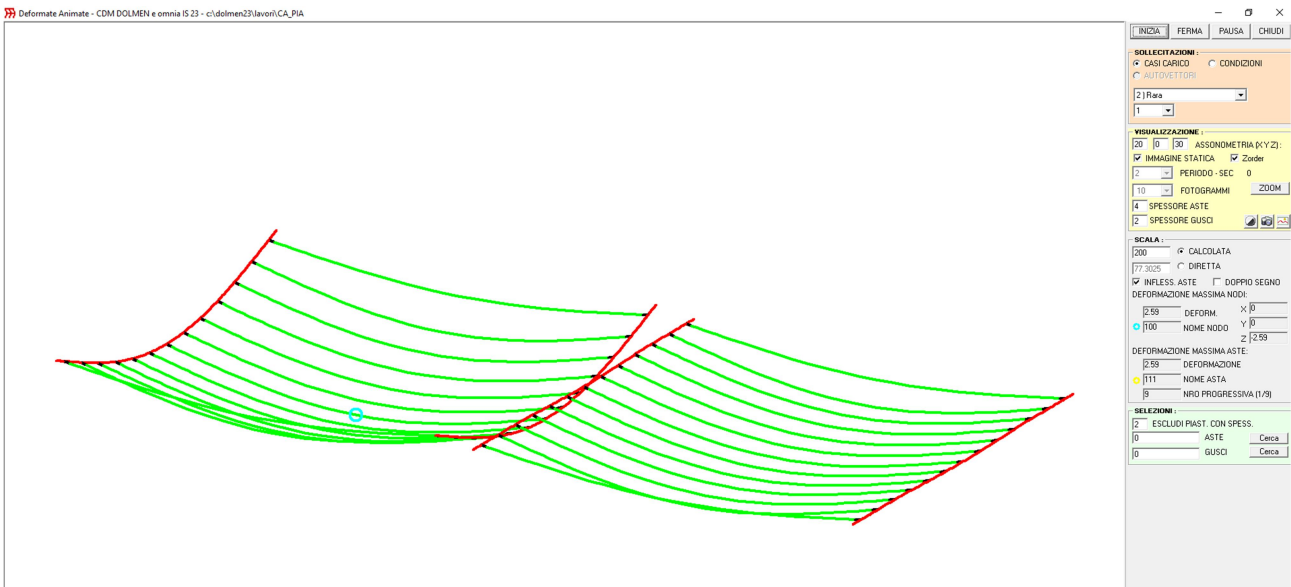
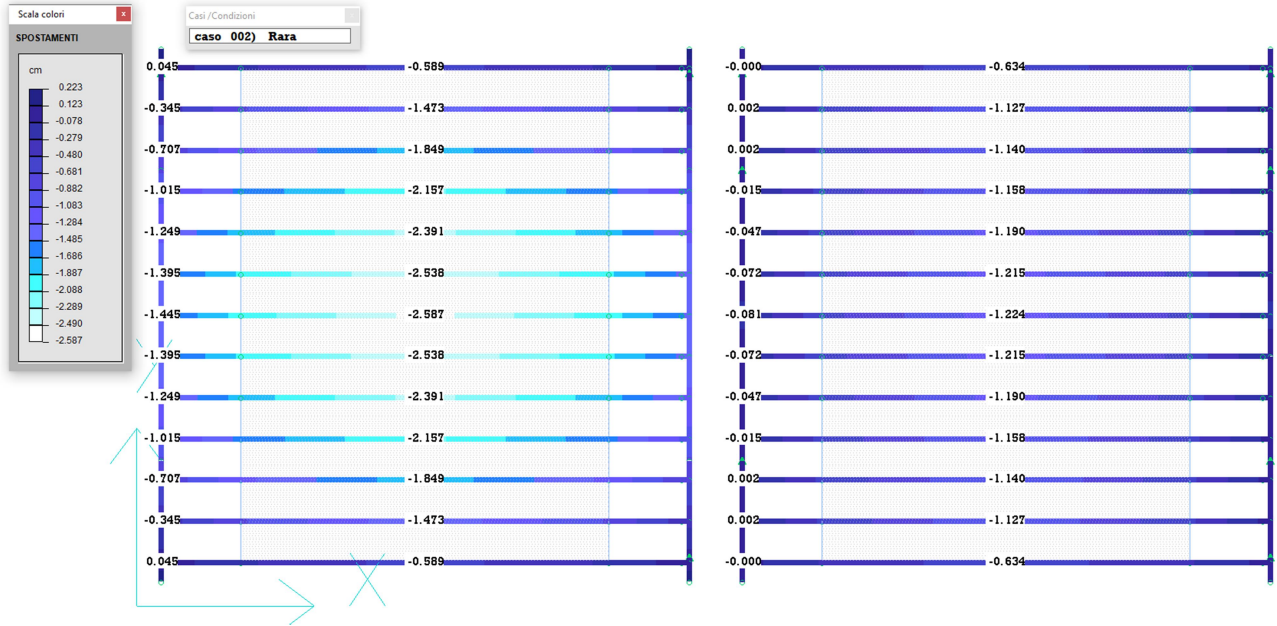


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76	2	G_HE900x466	0	7	7	0	1-	1	7	Si
89	2	G_HE900x466	0	73	73	0	1-	1	73	Si
90	2	G_HE900x466	0	73	73	0	1-	1	73	Si
91	2	G_HE900x466	0	11	11	0	1-	1	11	Si
92	2	G_HE900x466	0	11	11	0	1-	1	11	Si
105	2	G_HE900x466	0	75	75	0	1-	1	75	Si
106	2	G_HE900x466	0	75	75	0	1-	1	75	Si
107	2	G_HE900x466	0	13	13	0	1-	1	13	Si
108	2	G_HE900x466	0	13	13	0	1-	1	13	Si
121	2	G_HE900x466	0	75	75	0	1-	1	75	Si
122	2	G_HE900x466	0	75	75	0	1-	1	75	Si
123	2	G_HE900x466	0	13	13	0	1-	1	13	Si
124	2	G_HE900x466	0	13	13	0	1-	1	13	Si
137	2	G_HE900x466	0	73	73	0	1-	1	73	Si
138	2	G_HE900x466	0	73	73	0	1-	1	73	Si
139	2	G_HE900x466	0	11	11	0	1-	1	11	Si
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155	2	G_HE900x466	0	7	7	0	1-	1	7	Si
156	2	G_HE900x466	0	7	7	0	1-	1	7	Si
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171	2	G_HE900x466	0	15	15	0	1-	1	15	Si
172	2	G_HE900x466	0	15	15	0	1-	1	15	Si
173	2	G_HE900x466	0	48	48	0	1-	1	48	Si
174	2	G_HE900x466	0	48	48	0	1-	1	48	Si
175	2	G_HE900x466	0	15	15	0	1-	1	15	Si
176	2	G_HE900x466	0	15	15	0	1-	1	15	Si
189	2	G_HE900x466	0	41	41	0	1-	1	41	Si
190	2	G_HE900x466	0	41	41	0	1-	1	41	Si
191	2	G_HE900x466	0	10	10	0	1-	1	10	Si
192	2	G_HE900x466	0	10	10	0	1-	1	10	Si
205	2	G_HE900x466	0	21	21	0	1-	1	21	Si
206	2	G_HE900x466	0	21	21	0	1-	1	21	Si
207	2	G_HE900x466	0	3	3	0	1-	1	3	Si
208	2	G_HE900x466	0	3	3	0	1-	1	3	Si
209	2	G_HE900x466	0	1	1	0	1-	1	1	Si
210	2	G_HE900x466	0	1	1	0	1-	1	1	Si
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212	2	G_HE900x466	0	1	1	0	1-	1	1	Si
225	2	G_HE900x466	0	1	1	0	1-	1	1	Si
226	2	G_HE900x466	0	1	1	0	1-	1	1	Si
227	2	G_HE900x466	0	1	1	0	1-	1	1	Si
228	2	G_HE900x466	0	1	1	0	1-	1	1	Si



SPOSTAMENTI VERTICALI

In condizioni di esercizio i massimi spostamenti verticali valgono (misure in cm):



SPOSTAMENTI NODI

CASO DI CARICO : 2 Rara

COMBINAZIONE

N. 3 CONDIZIONI ANALISI STATICA

1	Peso proprio	+	1.00
2	Permanente	+	1.00
3	Esercizio	+	1.00

1) +1.00*c001 +1.00*c002 +1.00*c003
 unità di misura: SX,SY,SZ [cm]; RX,RY,RZ [rad]



Coefficiente moltiplicativo: 1.000000

Nodo	SX	SY	SZ	RX	RY	RZ
1	0.000000	0.000000	0.223180	-0.00447	0.00177	0.00000
2	0.000000	0.000000	0.223180	-0.00447	-0.00177	0.00000
3	0.000000	0.000000	-0.000833	0.00001	0.00177	0.00000
4	0.000000	0.000000	-0.000833	0.00001	-0.00177	0.00000
5	0.000000	0.000000	0.044501	-0.00447	0.00177	0.00000
6	0.000000	0.000000	0.015779	-0.00447	0.00177	0.00000
7	0.000000	0.000000	-0.248291	-0.00447	0.00156	0.00000
8	0.000000	0.000000	-0.588844	-0.00447	0.00000	0.00000
9	0.000000	0.000000	-0.248291	-0.00447	-0.00156	0.00000
10	0.000000	0.000000	0.015779	-0.00447	-0.00177	0.00000
11	0.000000	0.000000	0.044501	-0.00447	-0.00177	0.00000
12	0.000000	0.000000	-0.000302	0.00001	0.00177	0.00000
13	0.000000	0.000000	-0.029024	0.00001	0.00177	0.00000
14	0.000000	0.000000	-0.293094	0.00001	0.00156	0.00000
15	0.000000	0.000000	-0.633646	0.00001	0.00000	0.00000
16	0.000000	0.000000	-0.293094	0.00001	-0.00156	0.00000
17	0.000000	0.000000	-0.029024	0.00001	-0.00177	0.00000
18	0.000000	0.000000	-0.000302	0.00001	-0.00177	0.00000
19	0.000000	0.000000	0.000000	-0.00447	0.00193	0.00000
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21	0.000000	0.000000	0.000000	0.00001	0.00193	0.00000
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23	0.000000	0.000000	-0.344509	-0.00433	0.00312	0.00000
24	0.000000	0.000000	-0.395151	-0.00433	0.00312	0.00000
25	0.000000	0.000000	-0.863633	-0.00433	0.00278	0.00000
26	0.000000	0.000000	-1.473247	-0.00433	0.00000	0.00000
27	0.000000	0.000000	-0.863633	-0.00433	-0.00278	0.00000
28	0.000000	0.000000	-0.395151	-0.00433	-0.00312	0.00000
29	0.000000	0.000000	-0.344509	-0.00433	-0.00312	0.00000
30	0.000000	0.000000	0.001819	-0.00001	0.00312	0.00000
31	0.000000	0.000000	-0.048823	-0.00001	0.00312	0.00000
32	0.000000	0.000000	-0.517306	-0.00001	0.00278	0.00000
33	0.000000	0.000000	-1.126920	-0.00001	0.00000	0.00000
34	0.000000	0.000000	-0.517306	-0.00001	-0.00278	0.00000
35	0.000000	0.000000	-0.048823	-0.00001	-0.00312	0.00000
36	0.000000	0.000000	0.001819	-0.00001	-0.00312	0.00000
37	0.000000	0.000000	-0.706670	-0.00386	0.00317	0.00000
38	0.000000	0.000000	-0.758067	-0.00386	0.00316	0.00000
39	0.000000	0.000000	-1.232688	-0.00386	0.00282	0.00000
40	0.000000	0.000000	-1.848797	-0.00386	0.00000	0.00000
41	0.000000	0.000000	-1.232688	-0.00386	-0.00282	0.00000
42	0.000000	0.000000	-0.758067	-0.00386	-0.00316	0.00000
43	0.000000	0.000000	-0.706670	-0.00386	-0.00317	0.00000
44	0.000000	0.000000	0.002331	-0.00010	0.00317	0.00000
45	0.000000	0.000000	-0.049066	-0.00010	0.00316	0.00000
46	0.000000	0.000000	-0.523688	-0.00010	0.00282	0.00000
47	0.000000	0.000000	-1.139796	-0.00010	0.00000	0.00000
48	0.000000	0.000000	-0.523688	-0.00010	-0.00282	0.00000
49	0.000000	0.000000	-0.049066	-0.00010	-0.00316	0.00000
50	0.000000	0.000000	0.002331	-0.00010	-0.00317	0.00000
51	0.000000	0.000000	-0.859370	-0.00355	0.00317	0.00000
52	0.000000	0.000000	-0.859370	-0.00355	-0.00317	0.00000
53	0.000000	0.000000	0.000000	-0.00019	0.00317	0.00000
54	0.000000	0.000000	0.000000	-0.00019	-0.00317	0.00000
55	0.000000	0.000000	-1.014697	-0.00313	0.00317	0.00000
56	0.000000	0.000000	-1.066121	-0.00313	0.00317	0.00000
57	0.000000	0.000000	-1.540967	-0.00313	0.00282	0.00000
58	0.000000	0.000000	-2.157312	-0.00313	0.00000	0.00000
59	0.000000	0.000000	-1.540967	-0.00313	-0.00282	0.00000
60	0.000000	0.000000	-1.066121	-0.00313	-0.00317	0.00000
61	0.000000	0.000000	-1.014697	-0.00313	-0.00317	0.00000
62	0.000000	0.000000	-0.015460	-0.00027	0.00317	0.00000
63	0.000000	0.000000	-0.066884	-0.00027	0.00317	0.00000
64	0.000000	0.000000	-0.541729	-0.00027	0.00282	0.00000
65	0.000000	0.000000	-1.158074	-0.00027	0.00000	0.00000
66	0.000000	0.000000	-0.541729	-0.00027	-0.00282	0.00000
67	0.000000	0.000000	-0.066884	-0.00027	-0.00317	0.00000
68	0.000000	0.000000	-0.015460	-0.00027	-0.00317	0.00000
69	0.000000	0.000000	-1.248830	-0.00220	0.00317	0.00000
70	0.000000	0.000000	-1.300255	-0.00220	0.00317	0.00000
71	0.000000	0.000000	-1.775109	-0.00220	0.00282	0.00000
72	0.000000	0.000000	-2.391463	-0.00220	0.00000	0.00000
73	0.000000	0.000000	-1.775109	-0.00220	-0.00282	0.00000
74	0.000000	0.000000	-1.300255	-0.00220	-0.00317	0.00000
75	0.000000	0.000000	-1.248830	-0.00220	-0.00317	0.00000
76	0.000000	0.000000	-0.047282	-0.00029	0.00317	0.00000
77	0.000000	0.000000	-0.098707	-0.00029	0.00317	0.00000
78	0.000000	0.000000	-0.573560	-0.00029	0.00282	0.00000
79	0.000000	0.000000	-1.189914	-0.00029	0.00000	0.00000
80	0.000000	0.000000	-0.573560	-0.00029	-0.00282	0.00000
81	0.000000	0.000000	-0.098707	-0.00029	-0.00317	0.00000
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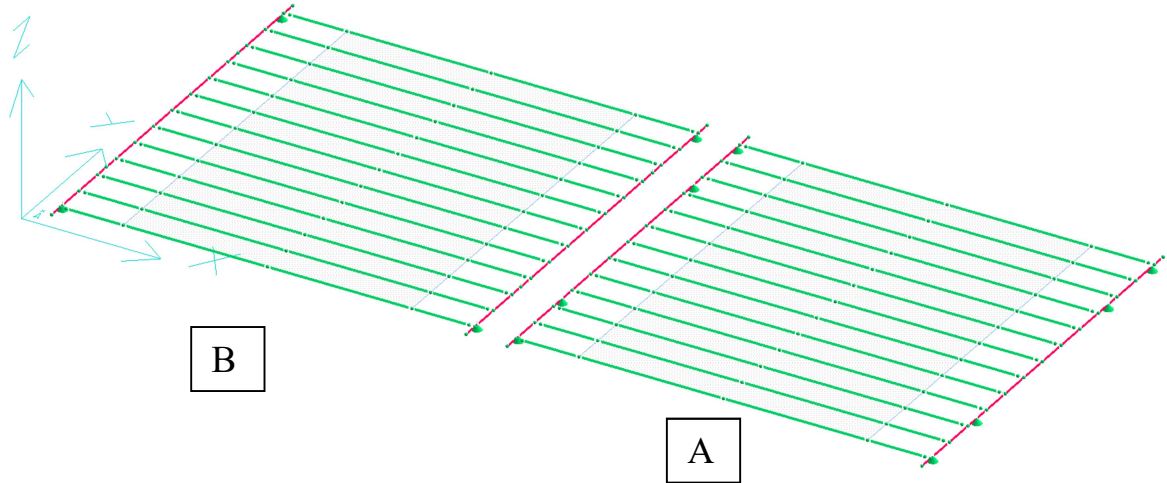
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85	0.000000	0.000000	-1.921235	-0.00113	0.00282	0.00000
86	0.000000	0.000000	-2.537589	-0.00113	0.00000	0.00000
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88	0.000000	0.000000	-1.446381	-0.00113	-0.00317	0.00000
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91	0.000000	0.000000	-0.123445	-0.00018	0.00317	0.00000
92	0.000000	0.000000	-0.598299	-0.00018	0.00282	0.00000
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95	0.000000	0.000000	-0.123445	-0.00018	-0.00317	0.00000
96	0.000000	0.000000	-0.072020	-0.00018	-0.00317	0.00000
97	0.000000	0.000000	-1.444605	0.00000	0.00317	0.00000
98	0.000000	0.000000	-1.496030	0.00000	0.00317	0.00000
99	0.000000	0.000000	-1.970884	0.00000	0.00282	0.00000
100	0.000000	0.000000	-2.587238	0.00000	0.00000	0.00000
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102	0.000000	0.000000	-1.496030	0.00000	-0.00317	0.00000
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107	0.000000	0.000000	-1.223840	0.00000	0.00000	0.00000
108	0.000000	0.000000	-0.607487	0.00000	-0.00282	0.00000
109	0.000000	0.000000	-0.132633	0.00000	-0.00317	0.00000
110	0.000000	0.000000	-0.081207	0.00000	-0.00317	0.00000
111	0.000000	0.000000	-1.394956	0.00113	0.00317	0.00000
112	0.000000	0.000000	-1.446381	0.00113	0.00317	0.00000
113	0.000000	0.000000	-1.921235	0.00113	0.00282	0.00000
114	0.000000	0.000000	-2.537589	0.00113	0.00000	0.00000
115	0.000000	0.000000	-1.921235	0.00113	-0.00282	0.00000
116	0.000000	0.000000	-1.446381	0.00113	-0.00317	0.00000
117	0.000000	0.000000	-1.394956	0.00113	-0.00317	0.00000
118	0.000000	0.000000	-0.072020	0.00018	0.00317	0.00000
119	0.000000	0.000000	-0.123445	0.00018	0.00317	0.00000
120	0.000000	0.000000	-0.598299	0.00018	0.00282	0.00000
121	0.000000	0.000000	-1.214653	0.00018	0.00000	0.00000
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124	0.000000	0.000000	-0.072020	0.00018	-0.00317	0.00000
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126	0.000000	0.000000	-1.300255	0.00220	0.00317	0.00000
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130	0.000000	0.000000	-1.300255	0.00220	-0.00317	0.00000
131	0.000000	0.000000	-1.248830	0.00220	-0.00317	0.00000
132	0.000000	0.000000	-0.047282	0.00029	0.00317	0.00000
133	0.000000	0.000000	-0.098707	0.00029	0.00317	0.00000
134	0.000000	0.000000	-0.573560	0.00029	0.00282	0.00000
135	0.000000	0.000000	-1.189914	0.00029	0.00000	0.00000
136	0.000000	0.000000	-0.573560	0.00029	-0.00282	0.00000
137	0.000000	0.000000	-0.098707	0.00029	-0.00317	0.00000
138	0.000000	0.000000	-0.047282	0.00029	-0.00317	0.00000
139	0.000000	0.000000	-1.014697	0.00313	0.00317	0.00000
140	0.000000	0.000000	-1.066121	0.00313	0.00317	0.00000
141	0.000000	0.000000	-1.540967	0.00313	0.00282	0.00000
142	0.000000	0.000000	-2.157312	0.00313	0.00000	0.00000
143	0.000000	0.000000	-1.540967	0.00313	-0.00282	0.00000
144	0.000000	0.000000	-1.066121	0.00313	-0.00317	0.00000
145	0.000000	0.000000	-1.014697	0.00313	-0.00317	0.00000
146	0.000000	0.000000	-0.015460	0.00027	0.00317	0.00000
147	0.000000	0.000000	-0.066884	0.00027	0.00317	0.00000
148	0.000000	0.000000	-0.541729	0.00027	0.00282	0.00000
149	0.000000	0.000000	-1.158074	0.00027	0.00000	0.00000
150	0.000000	0.000000	-0.541729	0.00027	-0.00282	0.00000
151	0.000000	0.000000	-0.066884	0.00027	-0.00317	0.00000
152	0.000000	0.000000	-0.015460	0.00027	-0.00317	0.00000
153	0.000000	0.000000	-0.859370	0.00355	0.00317	0.00000
154	0.000000	0.000000	-0.859370	0.00355	-0.00317	0.00000
155	0.000000	0.000000	0.000000	0.00019	0.00317	0.00000
156	0.000000	0.000000	0.000000	0.00019	-0.00317	0.00000
157	0.000000	0.000000	-0.706670	0.00386	0.00317	0.00000
158	0.000000	0.000000	-0.758067	0.00386	0.00316	0.00000
159	0.000000	0.000000	-1.232688	0.00386	0.00282	0.00000
160	0.000000	0.000000	-1.848797	0.00386	0.00000	0.00000
161	0.000000	0.000000	-1.232688	0.00386	-0.00282	0.00000
162	0.000000	0.000000	-0.758067	0.00386	-0.00316	0.00000
163	0.000000	0.000000	-0.706670	0.00386	-0.00317	0.00000
164	0.000000	0.000000	0.002331	0.00010	0.00317	0.00000
165	0.000000	0.000000	-0.049066	0.00010	0.00316	0.00000
166	0.000000	0.000000	-0.523688	0.00010	0.00282	0.00000
167	0.000000	0.000000	-1.139796	0.00010	0.00000	0.00000



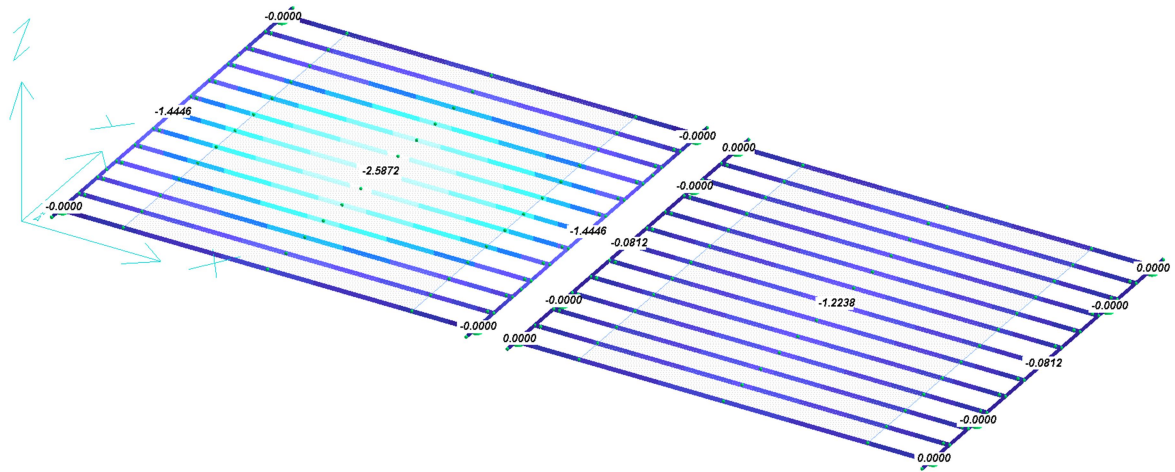
168	0.000000	0.000000	-0.523688	0.00010	-0.00282	0.00000
169	0.000000	0.000000	-0.049066	0.00010	-0.00316	0.00000
170	0.000000	0.000000	0.002331	0.00010	-0.00317	0.00000
171	0.000000	0.000000	-0.344509	0.00433	0.00312	0.00000
172	0.000000	0.000000	-0.395151	0.00433	0.00312	0.00000
173	0.000000	0.000000	-0.863633	0.00433	0.00278	0.00000
174	0.000000	0.000000	-1.473247	0.00433	0.00000	0.00000
175	0.000000	0.000000	-0.863633	0.00433	-0.00278	0.00000
176	0.000000	0.000000	-0.395151	0.00433	-0.00312	0.00000
177	0.000000	0.000000	-0.344509	0.00433	-0.00312	0.00000
178	0.000000	0.000000	0.001819	0.00001	0.00312	0.00000
179	0.000000	0.000000	-0.048823	0.00001	0.00312	0.00000
180	0.000000	0.000000	-0.517306	0.00001	0.00278	0.00000
181	0.000000	0.000000	-1.126920	0.00001	0.00000	0.00000
182	0.000000	0.000000	-0.517306	0.00001	-0.00278	0.00000
183	0.000000	0.000000	-0.048823	0.00001	-0.00312	0.00000
184	0.000000	0.000000	0.001819	0.00001	-0.00312	0.00000
185	0.000000	0.000000	0.000000	0.00447	0.00193	0.00000
186	0.000000	0.000000	0.000000	0.00447	-0.00193	0.00000
187	0.000000	0.000000	0.000000	-0.00001	0.00193	0.00000
188	0.000000	0.000000	0.000000	-0.00001	-0.00193	0.00000
189	0.000000	0.000000	0.044501	0.00447	0.00177	0.00000
190	0.000000	0.000000	0.015779	0.00447	0.00177	0.00000
191	0.000000	0.000000	-0.248291	0.00447	0.00156	0.00000
192	0.000000	0.000000	-0.588844	0.00447	0.00000	0.00000
193	0.000000	0.000000	-0.248291	0.00447	-0.00156	0.00000
194	0.000000	0.000000	0.015779	0.00447	-0.00177	0.00000
195	0.000000	0.000000	0.044501	0.00447	-0.00177	0.00000
196	0.000000	0.000000	-0.000302	-0.00001	0.00177	0.00000
197	0.000000	0.000000	-0.029024	-0.00001	0.00177	0.00000
198	0.000000	0.000000	-0.293094	-0.00001	0.00156	0.00000
199	0.000000	0.000000	-0.633646	-0.00001	0.00000	0.00000
200	0.000000	0.000000	-0.293094	-0.00001	-0.00156	0.00000
201	0.000000	0.000000	-0.029024	-0.00001	-0.00177	0.00000
202	0.000000	0.000000	-0.000302	-0.00001	-0.00177	0.00000
203	0.000000	0.000000	0.223180	0.00447	0.00177	0.00000
204	0.000000	0.000000	0.223180	0.00447	-0.00177	0.00000
205	0.000000	0.000000	-0.000833	-0.00001	0.00177	0.00000
206	0.000000	0.000000	-0.000833	-0.00001	-0.00177	0.00000



Assonometria : 30,30



Assonometria : 30,30



Modello “A” condizione effettiva di sollevamento e traslazione dell’impalcato con n. 8 punti di appoggio/sospensione
 Modello “B” condizione teorica di sollevamento e traslazione dell’impalcato con n. 4 punti di appoggio/sospensione
 La deformazione massima in condizione effettiva di sollevamento e traslazione tenuto conto della deformazione delle

Travi di bordo vale:

$$f_0 = 1,8$$

$$f_0/L = 1,2238/1091,2 = L/891$$

Le frecce nette valgono:

$$\text{Sinistra: } 2,5872 - 1,4446 = 1,1426 \text{ cm}$$

$$\text{Destra: } 1,2238 - 0,0812 = 1,1426 \text{ cm}$$

$$f/L = 1,1426 / 1091,2 = L / 955$$

Per quanto sopra scritto la deformazione dell’impalcato in condizione effettiva di sollevamento e traslazione si dichiara accettabile

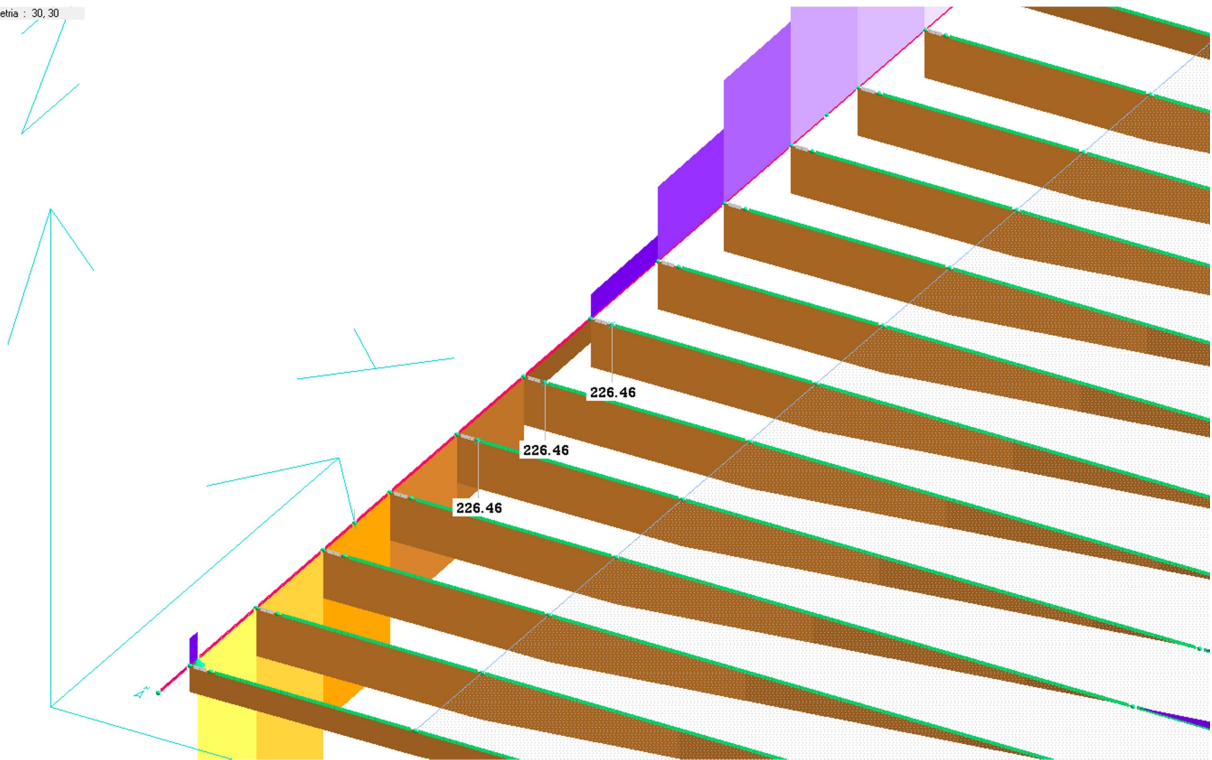


VERIFICA BULLONI DI FISSAGGIO

La massima sollecitazione di taglio che la giunzione deve trasmettere è pari a:

$$V_{ED} = 226,26 \text{ kN}$$

Assonometria : 30,30





GIUNTO CON PIASTRA FLESSIBILE DI ESTREMITA' - NTC2018		
Materiali utilizzati	© Dott. Simone Caffè - 01/09/2018	
<u>Profilo da giuntare e piastra di estremità</u>		
Valore di snervamento dell'acciaio del profilo	f_{yk}	275.00 [N/mm ²]
Valore di rottura dell'acciaio del profilo	f_{uk}	430.00 [N/mm ²]
Modulo di elasticità dell'acciaio del profilo	E_s	210000.00 [N/mm ²]
<u>Profilo di supporto</u>		
Valore di snervamento dell'acciaio del profilo	f_{yk}	275.00 [N/mm ²]
Valore di rottura dell'acciaio del profilo	f_{uk}	430.00 [N/mm ²]
Modulo di elasticità dell'acciaio del profilo	E_s	210000.00 [N/mm ²]
Coefficiente di sicurezza dell'acciaio del profilo	γ_{M0}	1.00 [-]
Coefficiente di sicurezza dell'acciaio del profilo	γ_{M2}	1.25 [-]
Coefficiente di sicurezza dell'acciaio del profilo (verifiche di trazione)	γ_{Mu}	1.10 [-]
<u>Classificazione dei Bulloni</u>		
Valore di snervamento dell'acciaio del bullone	$f_{yb,f}$	649.00 [N/mm ²]
Valore di rottura dell'acciaio del bullone	$f_{ub,f}$	800.00 [N/mm ²]
Coefficiente di sicurezza dell'acciaio dei bulloni (taglio)	γ_{M2}	1.25 [-]
<u>Caratteristiche meccaniche del profilo da giuntare</u>		
Altezza della sezione trasversale	h_s	668.00 [mm]
Larghezza della sezione trasversale	b_s	305.00 [mm]
Spessore dell'anima	$t_{w,s}$	21.00 [mm]
Spessore dell'ala	$t_{f,s}$	40.00 [mm]
Raggio di raccordo	r_s	27.00 [mm]
Area della sezione trasversale	A_s	37370.00 [mm ²]
Altezza della sezione trasversale al netto delle ali	$h_{t,s}$	588.00 [mm]
Altezza dell'anima	$h_{w,s}$	534.00 [mm]
Diametro massimo consentito dei bulloni d'ala	$d_{bf,max}$	27.00 [mm]
Passo minimo trasversale tra i bulloni d'ala	$p_{b,min}$	132.00 [mm]
Passo massimo trasversale tra i bulloni d'ala	$p_{b,max}$	200.00 [mm]
Momento d'inerzia della sezione trasversale	$I_{e,y}$	2.82E+09 [mm ⁴]
Modulo di resistenza elastico	$W_{e,el,y}$	8.43E+06 [mm ³]
Modulo di resistenza plastico	$W_{e,pl,y}$	9.66E+06 [mm ³]
Area resistente a taglio	$A_{e,V}$	15970.00 [mm ²]
<u>Classificazione del profilo</u>		
Valore di snervamento dell'acciaio delle ali	$f_{yf,s}$	275.00 [N/mm ²]
Valore di rottura dell'acciaio delle ali	$f_{uf,s}$	430.00 [N/mm ²]
Larghezza di metà ala al netto del raggio di raccordo	c	115.00 [mm]
Spessore dell'ala	$t_{f,s}$	40.00 [mm]
Rapporto di resistenza	ε	0.92 [-]
Rapporto c/t	$(c/t_{f,s})\varepsilon$	3.11 [-]
Classificazione delle ali (tensioni di compressione costanti)	$CL_{f,compressione}$	1.00 [-]
Valore di snervamento dell'acciaio dell'anima	$f_{yw,s}$	275.00 [N/mm ²]



Valore di rottura dell'acciaio dell'anima	$f_{w,p}$	430.00 [N/mm ²]
Altezza dell'anima	$h_{w,p}$	534.00 [mm]
Spessore dell'anima	$t_{w,p}$	21.00 [mm]
Rapporto di resistenza	ε	0.92 [-]
Rapporto h_w/t	$(h_{w,p}/t_{w,p})/\varepsilon$	27.51 [-]
Classificazione dell'anima (distribuzione tensioni a farfalla)	$CL_{w,flessione}$	1.00 [-]
Classificazione dell'anima (distribuzione tensioni costanti)	$CL_{w,compressione}$	1.00 [-]

Momento resistente del profilo

Momento resistente plastico	$M_{pl,Rd}$	2656 [kNm]
Momento resistente elastico	$M_{el,Rd}$	2319 [kNm]
Coefficiente di imbozzamento	$k_{s,pl}$	0.43 [-]
Snellezza delle ali	$l_{p,pl}$	0.17 [-]
Coefficiente riduttivo dell'area delle ali	ρ_{ali}	1.00 [-]
Area di un'ala	A_{ali}	12200.00 [mm ²]
Area efficace di un'ala	$A_{ali,eff}$	12200.00 [mm ²]
Larghezza efficace dell'ala	$b_{a,eff}$	305.00 [mm]
Larghezza della parte non efficace dell'ala	Δb_a	0.00 [mm]
Momento d'inerzia efficace della sezione	$I_{s,y,eff}$	2.82E+09 [mm ⁴]
Modulo di resistenza efficace	$W_{a,eff,y}$	8.43E+06 [mm ³]
Momento resistente efficace	$M_{eff,Rd}$	2319.39 [kNm]

Taglio resistente del profilo

Taglio resistente del profilo	$V_{pl,Rd}$	2536 [kN]
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Forza Normale resistente del profilo

Forza normale resistente del profilo	$N_{pl,Rd}$	10277 [kN]
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Caratteristiche geometriche del profilo di supporto

HE 1000 A

Altezza della sezione trasversale	h_a	990.00 [mm]
Larghezza della sezione trasversale	b_a	300.00 [mm]
Spessore dell'anima	$t_{w,p}$	16.50 [mm]
Spessore dell'ala	$t_{f,p}$	31.00 [mm]
Raggio di raccordo	r_a	30.00 [mm]

Geometria della piastra

Altezza della piastra	h_p	668.00 [mm]
Larghezza della piastra	b_p	305.00 [mm]
Spessore della piastra	t_p	25.00 [mm]
Distanza verticale tra il baricentro della trave e quello della piastra	g_v	0.00 [mm]
Diametro dei bulloni	d	20.00 [mm]
Diametro del foro	d_0	22.00 [mm]
Numero di bulloni presenti su una fila verticale	$n_{b,sta}$	4.00 [-]
Distanza dal bordo superiore della piastra	$e_{1,sup}$	220.00 [mm]
Distanza dal bordo laterale della piastra	e_2	60.00 [mm]
Passo verticale dei bulloni	p_1	100.00 [mm]
Passo orizzontale dei bulloni	p_2	185.00 [mm]



Distanza dal bordo inferiore della piastra

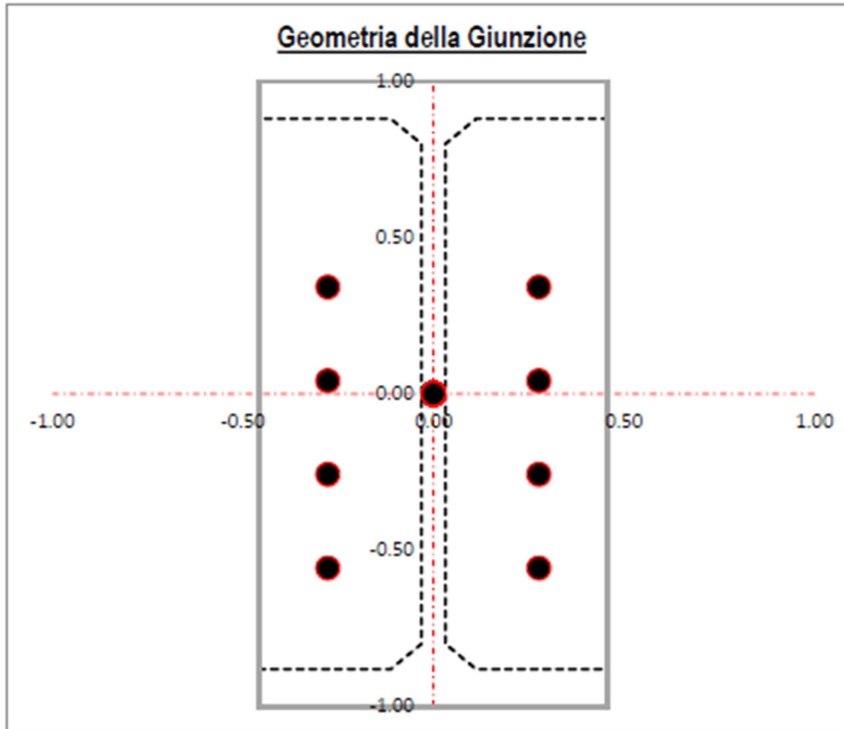
$e_{1,inf}$

148.00 [mm]

Numero totale di bulloni presenti nel giunto

n_b

8.00 [-]



Requisiti di rotazione e duttilità

Altezza della piastra

h_p

668.00 [mm]

Altezza netta dell'anima

d_b

534.00 [mm]

Diametro del bullone

d

20.00 [mm]

Requisito di rotazione

$h_p < d_b$

NO [-]

Spessore della piastra

t_p

25.00 [mm]

Spessore dell'elemento di supporto

t_s

9.00 [mm]

Rapporti di verifica

d/t_p

0.80 [-]

$(f_y f_{ub})^{0.5}$

0.59 [-]

d/t_s

2.22 [-]

$(f_y f_{ub})^{0.5}$

0.59 [-]

β_w

0.85 [-]

Dimensione minima dell'altezza di gola tra anima trave e piastra

a_w

10.09 [mm]

Dimensione minima dell'altezza di gola tra ala trave e piastra

a_f

19.22 [mm]

Resistenza a taglio della bullonatura

Coefficiente di resistenza al taglio dei bulloni

α_v

0.60 [-]

Area della porzione filettata del gambo del bullone

A_s

245.00 [mm²]

Resistenza a taglio del singolo bullone per ciascun piano di taglio

$F_{v,Rd}$

94.08 [kN]

Resistenza a taglio della bullonatura

$V_{Rd,1}$

602.11 [kN]

Resistenza a rifollamento della piastra

Piastra di estremità saldata all'ala superiore

si [-]

Spessore della piastra

t_p

25.00 [mm]

Coefficiente di rifollamento in direzione verticale

α_b

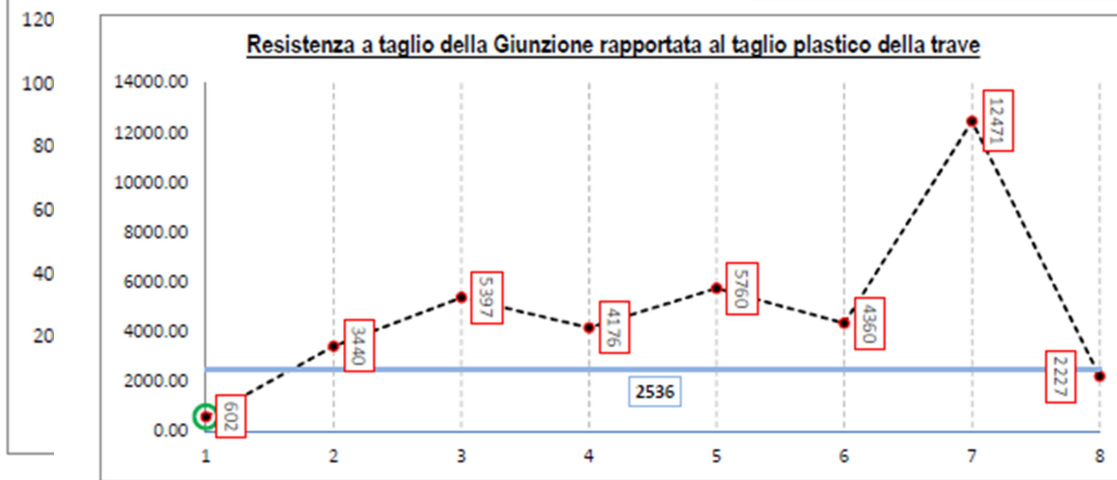
1.00 [-]



	$\alpha_{b,e}$	3.33 [-]
	$\alpha_{b,p}$	1.27 [-]
	$\alpha_{b,f}$	1.86 [-]
Coefficiente di rifollamento in direzione orizzontale	k_1	2.50 [-]
	$k_{1,e}$	5.94 [-]
	$k_{1,p}$	10.07 [-]
Resistenza dell'acciaio della piastra a rottura	$f_{uk,p}$	430.00 [N/mm ²]
Resistenza a rifollamento relativa al singolo bullone	$F_{b,Rd}$	430.00 [kN]
Resistenza a rifollamento della piastra	$V_{Rd,2}$	3440.00 [kN]
Resistenza a rifollamento del profilo di supporto		
Piastra di estremità collegata all'ala, all'anima		
Spessore di calcolo	t_s	31.00 [mm]
Distanza dal bordo laterale del supporto	$e_{2,s}$	57.50 [mm]
Coefficiente di rifollamento in direzione verticale	α_b	1.27 [-]
	$\alpha_{b,p}$	1.27 [-]
	$\alpha_{b,f}$	1.86 [-]
Coefficiente di rifollamento in direzione orizzontale	k_1	2.50 [-]
	$k_{1,e}$	5.62 [-]
	$k_{1,p}$	10.07 [-]
Resistenza dell'acciaio del profilo di supporto	f_{uk}	430.00 [N/mm ²]
Resistenza a rifollamento relativa al singolo bullone	$F'_{b,Rd}$	674.58 [kN]
Resistenza a rifollamento del profilo di supporto	$V_{Rd,3}$	5396.63 [kN]
Resistenza a taglio della sezione lorda della piastra	$f_{yk,p}$	275.00 [N/mm ²]
Resistenza dell'acciaio della piastra a snervamento	A_v	16700.00 [mm ²]
Sezione lorda della piastra	$V_{Rd,4}$	4175.56 [kN]
Resistenza a taglio della sezione lorda della piastra		
Resistenza a taglio della sezione netta della piastra	$f_{uk,p}$	430.00 [N/mm ²]
Resistenza dell'acciaio della piastra a rottura	$A_{v,net}$	14500.00 [mm ²]
Sezione netta della piastra	$V_{Rd,5}$	5759.65 [kN]
Resistenza a taglio della sezione netta della piastra		
Resistenza a taglio per Shear Block	$h_1=1.36p'_2$	251.60 [mm]
Valutazione dell'effetto flettente	$h_p > h_1$	SI [-]
	A_{rt}	1225.00 [mm ²]
Area netta soggetta a trazione	A_{nv}	11075.00 [mm ²]
Area netta soggetta taglio	$F_{ct,Rd}$	2179.79 [kN]
Resistenza relativa alla singola colonna di bulloni	$V_{Rd,6}$	4359.58 [kN]
Resistenza a taglio per Shear Block		
Resistenza a flessione della piastra di estremità	W_d	1859267 [mm ³]
Modulo di resistenza elastico della piastra	e	82.00 [mm]
Eccentricità di calcolo	$V_{Rd,7}$	12470.69 [kN]
Resistenza a taglio per flessione della piastra		
Resistenza a taglio dell'anima della trave	$A_{v,p}$	14028.00 [mm ²]
Area resistente a taglio	$f_{yk,b}$	275.00 [N/mm ²]
Resistenza dell'acciaio della trave a snervamento	$V_{Rd,8}$	2227.24 [kN]
Resistenza a taglio dell'anima della trave		
Resistenza a taglio della giunzione		




	Resistenza a taglio della bullonatura	$V_{Rd,1}$	602.11 [kN]
	Resistenza a rifollamento della piastra	$V_{Rd,2}$	3440.00 [kN]
Resist	Resistenza a rifollamento del profilo di supporto	$V_{Rd,3}$	5396.63 [kN]
Resist	Resistenza a taglio della sezione lorda della piastra	$V_{Rd,4}$	4175.56 [kN]
Resist	Resistenza a taglio della sezione netta della piastra	$V_{Rd,5}$	5759.65 [kN]
Resis	Resistenza a taglio per Shear Block	$V_{Rd,6}$	4359.58 [kN]
	Resistenza a taglio per flessione della piastra	$V_{Rd,7}$	12470.69 [kN]
	Resistenza a taglio dell'anima della trave	$V_{Rd,8}$	2227.24 [kN]
	Resistenza a taglio della giunzione	$V_{J,Rd}$	602.11 [kN]



La

Resistenza a trazione dei bulloni	
Resistenza a trazione della bullonatura	$N_{Rd,1}$ 1282.91 [kN]
Resistenza a trazione della piastra	
Altezza di gola della saldatura tra anima trave e piastra	$a_{w,eff}$ 11.00 [mm]
Altezza di gola della saldatura tra ala trave e piastra (se presente)	$a_{t,eff}$ 20.00 [mm]
Diametro della rondella del bullone	d_w 0.00 [mm]
Parametri geometrici per il calcolo delle lunghezze effettive	
Lunghezza effettiva calcolata per piastra non saldata alle ali	m_p 69.55 [mm]
Lunghezza effettiva calcolata per piastra saldata alle ali "cp"	e_{min} 57.50 [mm]
Lunghezza effettiva calcolata per piastra saldata alle ali "nc"	n_p 57.50 [mm]
Lunghezze effettive per meccanismo 1	e_w 0.00 [mm]
Lunghezze effettive per meccanismo 2	$L_{eff,s}$ 668.00 [mm]
Momento resistente della piastra	$L_{eff,cp}$ 1037.03 [mm]
Resistenza a trazione della singola riga di bulloni	$L_{eff,nc}$ 653.22 [mm]
	$L_{eff,1}$ 653.22 [mm]
	$L_{eff,2}$ 653.22 [mm]
	$m_{u,p}$ 61079.55 [Nmm/mm]
	$F_{hp,\mu,1}$ 2294.50 [kN]
	$F_{hp,\mu,2}$ 1208.64 [kN]
	$N_{Rd,2}$ 1208.64 [kN]
Resistenza a trazione della piastra	
Resistenza a trazione dell'anima della trave	
Resistenza dell'acciaio della trave a rottura	$f_{tk,b}$ 430.00 [N/mm ²]
Resistenza a trazione dell'anima della trave	$N_{Rd,3}$ 10276.75 [kN]
Resistenza a trazione della giunzione	

resistenza della giunzione è superiore al taglio agente:

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

$$V_{RES} = 1208,64 \text{ kN} > V_{ED} = 226,26 \text{ kN}$$



2.4.4 Tabulati di calcolo

DATI STRUTTURA:

*** DATI STRUTTURA

Unita` di misura :
 LUNGHEZZE : cm
 SUPERFICICI : cm2
 DATI SEZIONALI : cm
 ANGOLI : gradi
 FORZE : kN
 MOMENTI : kNm
 CARICHI LINEARI : kN/m
 CARICHI SUPERFIC.: kN/m2
 TENSIONI : N/mm2
 PESI DI VOLUME : kN/m3
 COEFF. DI WINKLER: kN/m3
 RIGIDEZZE VINCOL.: kN/cm - kNm/rad

NODI--	Coord. X	Coord. Y	Coord. Z	num.=
1	50.000	50.000	0.000	206
2	1141.200	50.000	0.000	
3	1250.000	50.000	0.000	
4	2341.200	50.000	0.000	
5	50.000	90.000	0.000	
6	65.600	90.000	0.000	
7	215.600	90.000	0.000	
8	595.600	90.000	0.000	
9	975.600	90.000	0.000	
10	1125.600	90.000	0.000	
11	1141.200	90.000	0.000	
12	1250.000	90.000	0.000	
13	1265.600	90.000	0.000	
14	1415.600	90.000	0.000	
15	1795.600	90.000	0.000	
16	2175.600	90.000	0.000	
17	2325.600	90.000	0.000	
18	2341.200	90.000	0.000	
19	50.000	100.000	0.000	
20	1141.200	100.000	0.000	
21	1250.000	100.000	0.000	
22	2341.200	100.000	0.000	
23	50.000	175.000	0.000	
24	65.600	175.000	0.000	
25	215.600	175.000	0.000	
26	595.600	175.000	0.000	
27	975.600	175.000	0.000	
28	1125.600	175.000	0.000	
29	1141.200	175.000	0.000	
30	1250.000	175.000	0.000	
31	1265.600	175.000	0.000	
32	1415.600	175.000	0.000	
33	1795.600	175.000	0.000	
34	2175.600	175.000	0.000	
35	2325.600	175.000	0.000	
36	2341.200	175.000	0.000	
37	50.000	260.000	0.000	
38	65.600	260.000	0.000	
39	215.600	260.000	0.000	
40	595.600	260.000	0.000	
41	975.600	260.000	0.000	
42	1125.600	260.000	0.000	
43	1141.200	260.000	0.000	
44	1250.000	260.000	0.000	
45	1265.600	260.000	0.000	
46	1415.600	260.000	0.000	
47	1795.600	260.000	0.000	
48	2175.600	260.000	0.000	
49	2325.600	260.000	0.000	
50	2341.200	260.000	0.000	
51	50.000	300.000	0.000	
52	1141.200	300.000	0.000	
53	1250.000	300.000	0.000	
54	2341.200	300.000	0.000	
55	50.000	345.000	0.000	
56	65.600	345.000	0.000	
57	215.600	345.000	0.000	
58	595.600	345.000	0.000	
59	975.600	345.000	0.000	



CITTA' DI TORINO

Metropolitana di Torino – Linea 2- Tratta:
Politecnico – Rebaudengo – Lotto Costruttivo2
Bologna-Politecnico

Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

60	1125.600	345.000	0.000
61	1141.200	345.000	0.000
62	1250.000	345.000	0.000
63	1265.600	345.000	0.000
64	1415.600	345.000	0.000
65	1795.600	345.000	0.000
66	2175.600	345.000	0.000
67	2325.600	345.000	0.000
68	2341.200	345.000	0.000
69	50.000	430.000	0.000
70	65.600	430.000	0.000
71	215.600	430.000	0.000
72	595.600	430.000	0.000
73	975.600	430.000	0.000
74	1125.600	430.000	0.000
75	1141.200	430.000	0.000
76	1250.000	430.000	0.000
77	1265.600	430.000	0.000
78	1415.600	430.000	0.000
79	1795.600	430.000	0.000
80	2175.600	430.000	0.000
81	2325.600	430.000	0.000
82	2341.200	430.000	0.000
83	50.000	515.000	0.000
84	65.600	515.000	0.000
85	215.600	515.000	0.000
86	595.600	515.000	0.000
87	975.600	515.000	0.000
88	1125.600	515.000	0.000
89	1141.200	515.000	0.000
90	1250.000	515.000	0.000
91	1265.600	515.000	0.000
92	1415.600	515.000	0.000
93	1795.600	515.000	0.000
94	2175.600	515.000	0.000
95	2325.600	515.000	0.000
96	2341.200	515.000	0.000
97	50.000	600.000	0.000
98	65.600	600.000	0.000
99	215.600	600.000	0.000
100	595.600	600.000	0.000
101	975.600	600.000	0.000
102	1125.600	600.000	0.000
103	1141.200	600.000	0.000
104	1250.000	600.000	0.000
105	1265.600	600.000	0.000
106	1415.600	600.000	0.000
107	1795.600	600.000	0.000
108	2175.600	600.000	0.000
109	2325.600	600.000	0.000
110	2341.200	600.000	0.000
111	50.000	685.000	0.000
112	65.600	685.000	0.000
113	215.600	685.000	0.000
114	595.600	685.000	0.000
115	975.600	685.000	0.000
116	1125.600	685.000	0.000
117	1141.200	685.000	0.000
118	1250.000	685.000	0.000
119	1265.600	685.000	0.000
120	1415.600	685.000	0.000
121	1795.600	685.000	0.000
122	2175.600	685.000	0.000
123	2325.600	685.000	0.000
124	2341.200	685.000	0.000
125	50.000	770.000	0.000
126	65.600	770.000	0.000
127	215.600	770.000	0.000
128	595.600	770.000	0.000
129	975.600	770.000	0.000
130	1125.600	770.000	0.000
131	1141.200	770.000	0.000
132	1250.000	770.000	0.000
133	1265.600	770.000	0.000
134	1415.600	770.000	0.000
135	1795.600	770.000	0.000
136	2175.600	770.000	0.000
137	2325.600	770.000	0.000
138	2341.200	770.000	0.000
139	50.000	855.000	0.000
140	65.600	855.000	0.000
141	215.600	855.000	0.000
142	595.600	855.000	0.000
143	975.600	855.000	0.000
144	1125.600	855.000	0.000



145	1141.200	855.000	0.000
146	1250.000	855.000	0.000
147	1265.600	855.000	0.000
148	1415.600	855.000	0.000
149	1795.600	855.000	0.000
150	2175.600	855.000	0.000
151	2325.600	855.000	0.000
152	2341.200	855.000	0.000
153	50.000	900.000	0.000
154	1141.200	900.000	0.000
155	1250.000	900.000	0.000
156	2341.200	900.000	0.000
157	50.000	940.000	0.000
158	65.600	940.000	0.000
159	215.600	940.000	0.000
160	595.600	940.000	0.000
161	975.600	940.000	0.000
162	1125.600	940.000	0.000
163	1141.200	940.000	0.000
164	1250.000	940.000	0.000
165	1265.600	940.000	0.000
166	1415.600	940.000	0.000
167	1795.600	940.000	0.000
168	2175.600	940.000	0.000
169	2325.600	940.000	0.000
170	2341.200	940.000	0.000
171	50.000	1025.000	0.000
172	65.600	1025.000	0.000
173	215.600	1025.000	0.000
174	595.600	1025.000	0.000
175	975.600	1025.000	0.000
176	1125.600	1025.000	0.000
177	1141.200	1025.000	0.000
178	1250.000	1025.000	0.000
179	1265.600	1025.000	0.000
180	1415.600	1025.000	0.000
181	1795.600	1025.000	0.000
182	2175.600	1025.000	0.000
183	2325.600	1025.000	0.000
184	2341.200	1025.000	0.000
185	50.000	1100.000	0.000
186	1141.200	1100.000	0.000
187	1250.000	1100.000	0.000
188	2341.200	1100.000	0.000
189	50.000	1110.000	0.000
190	65.600	1110.000	0.000
191	215.600	1110.000	0.000
192	595.600	1110.000	0.000
193	975.600	1110.000	0.000
194	1125.600	1110.000	0.000
195	1141.200	1110.000	0.000
196	1250.000	1110.000	0.000
197	1265.600	1110.000	0.000
198	1415.600	1110.000	0.000
199	1795.600	1110.000	0.000
200	2175.600	1110.000	0.000
201	2325.600	1110.000	0.000
202	2341.200	1110.000	0.000
203	50.000	1150.000	0.000
204	1141.200	1150.000	0.000
205	1250.000	1150.000	0.000
206	2341.200	1150.000	0.000

ASTE	Nome	Proprieta'	Nodo iniz.	Nodo fin.	Rilasci in.	Rilasci fin.	num.=	Orient.
	1	2	1	5			228	0.0
	2	2	2	11				0.0
	3	2	3	12				0.0
	4	2	4	18				0.0
	5	1	5	6				0.0
	6	1	6	7				0.0
	7	1	7	8				0.0
	8	1	8	9				0.0
	9	1	9	10				0.0
	10	1	10	11				0.0
	11	1	12	13				0.0
	12	1	13	14				0.0
	13	1	14	15				0.0
	14	1	15	16				0.0
	15	1	16	17				0.0
	16	1	17	18				0.0
	17	2	5	19				0.0
	18	2	11	20				0.0
	19	2	12	21				0.0
	20	2	18	22				0.0



21	2	19	23	0.0
22	2	20	29	0.0
23	2	21	30	0.0
24	2	22	36	0.0
25	1	23	24	0.0
26	1	24	25	0.0
27	1	25	26	0.0
28	1	26	27	0.0
29	1	27	28	0.0
30	1	28	29	0.0
31	1	30	31	0.0
32	1	31	32	0.0
33	1	32	33	0.0
34	1	33	34	0.0
35	1	34	35	0.0
36	1	35	36	0.0
37	2	23	37	0.0
38	2	29	43	0.0
39	2	30	44	0.0
40	2	36	50	0.0
41	1	37	38	0.0
42	1	38	39	0.0
43	1	39	40	0.0
44	1	40	41	0.0
45	1	41	42	0.0
46	1	42	43	0.0
47	1	44	45	0.0
48	1	45	46	0.0
49	1	46	47	0.0
50	1	47	48	0.0
51	1	48	49	0.0
52	1	49	50	0.0
53	2	37	51	0.0
54	2	43	52	0.0
55	2	44	53	0.0
56	2	50	54	0.0
57	2	51	55	0.0
58	2	52	61	0.0
59	2	53	62	0.0
60	2	54	68	0.0
61	1	55	56	0.0
62	1	56	57	0.0
63	1	57	58	0.0
64	1	58	59	0.0
65	1	59	60	0.0
66	1	60	61	0.0
67	1	62	63	0.0
68	1	63	64	0.0
69	1	64	65	0.0
70	1	65	66	0.0
71	1	66	67	0.0
72	1	67	68	0.0
73	2	55	69	0.0
74	2	61	75	0.0
75	2	62	76	0.0
76	2	68	82	0.0
77	1	69	70	0.0
78	1	70	71	0.0
79	1	71	72	0.0
80	1	72	73	0.0
81	1	73	74	0.0
82	1	74	75	0.0
83	1	76	77	0.0
84	1	77	78	0.0
85	1	78	79	0.0
86	1	79	80	0.0
87	1	80	81	0.0
88	1	81	82	0.0
89	2	69	83	0.0
90	2	75	89	0.0
91	2	76	90	0.0
92	2	82	96	0.0
93	1	83	84	0.0
94	1	84	85	0.0
95	1	85	86	0.0
96	1	86	87	0.0
97	1	87	88	0.0
98	1	88	89	0.0
99	1	90	91	0.0
100	1	91	92	0.0
101	1	92	93	0.0
102	1	93	94	0.0
103	1	94	95	0.0
104	1	95	96	0.0
105	2	83	97	0.0



106	2	89	103	0.0
107	2	90	104	0.0
108	2	96	110	0.0
109	1	97	98	0.0
110	1	98	99	0.0
111	1	99	100	0.0
112	1	100	101	0.0
113	1	101	102	0.0
114	1	102	103	0.0
115	1	104	105	0.0
116	1	105	106	0.0
117	1	106	107	0.0
118	1	107	108	0.0
119	1	108	109	0.0
120	1	109	110	0.0
121	2	97	111	0.0
122	2	103	117	0.0
123	2	104	118	0.0
124	2	110	124	0.0
125	1	111	112	0.0
126	1	112	113	0.0
127	1	113	114	0.0
128	1	114	115	0.0
129	1	115	116	0.0
130	1	116	117	0.0
131	1	118	119	0.0
132	1	119	120	0.0
133	1	120	121	0.0
134	1	121	122	0.0
135	1	122	123	0.0
136	1	123	124	0.0
137	2	111	125	0.0
138	2	117	131	0.0
139	2	118	132	0.0
140	2	124	138	0.0
141	1	125	126	0.0
142	1	126	127	0.0
143	1	127	128	0.0
144	1	128	129	0.0
145	1	129	130	0.0
146	1	130	131	0.0
147	1	132	133	0.0
148	1	133	134	0.0
149	1	134	135	0.0
150	1	135	136	0.0
151	1	136	137	0.0
152	1	137	138	0.0
153	2	125	139	0.0
154	2	131	145	0.0
155	2	132	146	0.0
156	2	138	152	0.0
157	1	139	140	0.0
158	1	140	141	0.0
159	1	141	142	0.0
160	1	142	143	0.0
161	1	143	144	0.0
162	1	144	145	0.0
163	1	146	147	0.0
164	1	147	148	0.0
165	1	148	149	0.0
166	1	149	150	0.0
167	1	150	151	0.0
168	1	151	152	0.0
169	2	139	153	0.0
170	2	145	154	0.0
171	2	146	155	0.0
172	2	152	156	0.0
173	2	153	157	0.0
174	2	154	163	0.0
175	2	155	164	0.0
176	2	156	170	0.0
177	1	157	158	0.0
178	1	158	159	0.0
179	1	159	160	0.0
180	1	160	161	0.0
181	1	161	162	0.0
182	1	162	163	0.0
183	1	164	165	0.0
184	1	165	166	0.0
185	1	166	167	0.0
186	1	167	168	0.0
187	1	168	169	0.0
188	1	169	170	0.0
189	2	157	171	0.0
190	2	163	177	0.0



Table with 5 columns: Node number, X coordinate, Y coordinate, Z coordinate, and Value. Lists nodes 191 through 228.

Table titled 'PROPRIETA' ASTE' with columns: Nome, Materiale, Base Kw vertic., Altezza Kw orizz., Area J tors., Area tag. Y J fless. Y, Area tag. Z J fless. Z, and num.=. Lists properties for nodes 1 and 2.

Table titled 'MATERIALI' with columns: Nome Mod., Mod. elast., Coeff. nu, Mod. tang., Peso spec., Dil. te., and num.=. Lists material properties for node 2.

Table titled 'VINCOLI' with columns: Nodo, Rigid. X, Rigid. Y, Rigid. Z, Rigid. RX, Rigid. RY, Rigid. RZ, and num.=. Lists support conditions for nodes 19 through 188.

Table titled 'CARICHI DI SOLAIO-' with columns: Nome, Cos X, Cos Y, Cos Z, Cond., Rifer., Intens., Quota, and num.=. Lists load conditions for nodes 1 through 4.

Table titled 'CARICHI ASTE-' with columns: Nome, Asta, Dir, Tip, RIF, Parametro 1, Parametro 2, Parametro 3, Parametro 4, and num.=. Lists member load conditions for nodes 1 through 10.



11	S001-Bassamento_P-pr	95	Z	FT	glo	-29.605	-29.605	0.000	0.000
12	S001-Bassamento_P-pr	96	Z	FT	glo	-29.605	-29.605	0.000	0.000
13	S001-Bassamento_P-pr	111	Z	FT	glo	-29.605	-29.605	0.000	0.000
14	S001-Bassamento_P-pr	112	Z	FT	glo	-29.605	-29.605	0.000	0.000
15	S001-Bassamento_P-pr	127	Z	FT	glo	-29.605	-29.605	0.000	0.000
16	S001-Bassamento_P-pr	128	Z	FT	glo	-29.605	-29.605	0.000	0.000
17	S001-Bassamento_P-pr	143	Z	FT	glo	-29.605	-29.605	0.000	0.000
18	S001-Bassamento_P-pr	144	Z	FT	glo	-29.605	-29.605	0.000	0.000
19	S001-Bassamento_P-pr	159	Z	FT	glo	-29.605	-29.605	0.000	0.000
20	S001-Bassamento_P-pr	160	Z	FT	glo	-29.605	-29.605	0.000	0.000
21	S001-Bassamento_P-pr	179	Z	FT	glo	-29.605	-29.605	0.000	0.000
22	S001-Bassamento_P-pr	180	Z	FT	glo	-29.605	-29.605	0.000	0.000
23	S001-Bassamento_P-pr	195	Z	FT	glo	-29.605	-29.605	0.000	0.000
24	S001-Bassamento_P-pr	196	Z	FT	glo	-29.605	-29.605	0.000	0.000
25	S001-Bassamento_P-pr	215	Z	FT	glo	-14.803	-14.803	0.000	0.000
26	S001-Bassamento_P-pr	216	Z	FT	glo	-14.803	-14.803	0.000	0.000
27	S003-Bassamento_P-pr	13	Z	FT	glo	-14.803	-14.803	0.000	0.000
28	S003-Bassamento_P-pr	14	Z	FT	glo	-14.803	-14.803	0.000	0.000
29	S003-Bassamento_P-pr	33	Z	FT	glo	-29.605	-29.605	0.000	0.000
30	S003-Bassamento_P-pr	34	Z	FT	glo	-29.605	-29.605	0.000	0.000
31	S003-Bassamento_P-pr	49	Z	FT	glo	-29.605	-29.605	0.000	0.000
32	S003-Bassamento_P-pr	50	Z	FT	glo	-29.605	-29.605	0.000	0.000
33	S003-Bassamento_P-pr	69	Z	FT	glo	-29.605	-29.605	0.000	0.000
34	S003-Bassamento_P-pr	70	Z	FT	glo	-29.605	-29.605	0.000	0.000
35	S003-Bassamento_P-pr	85	Z	FT	glo	-29.605	-29.605	0.000	0.000
36	S003-Bassamento_P-pr	86	Z	FT	glo	-29.605	-29.605	0.000	0.000
37	S003-Bassamento_P-pr	101	Z	FT	glo	-29.605	-29.605	0.000	0.000
38	S003-Bassamento_P-pr	102	Z	FT	glo	-29.605	-29.605	0.000	0.000
39	S003-Bassamento_P-pr	117	Z	FT	glo	-29.605	-29.605	0.000	0.000
40	S003-Bassamento_P-pr	118	Z	FT	glo	-29.605	-29.605	0.000	0.000
41	S003-Bassamento_P-pr	133	Z	FT	glo	-29.605	-29.605	0.000	0.000
42	S003-Bassamento_P-pr	134	Z	FT	glo	-29.605	-29.605	0.000	0.000
43	S003-Bassamento_P-pr	149	Z	FT	glo	-29.605	-29.605	0.000	0.000
44	S003-Bassamento_P-pr	150	Z	FT	glo	-29.605	-29.605	0.000	0.000
45	S003-Bassamento_P-pr	165	Z	FT	glo	-29.605	-29.605	0.000	0.000
46	S003-Bassamento_P-pr	166	Z	FT	glo	-29.605	-29.605	0.000	0.000
47	S003-Bassamento_P-pr	185	Z	FT	glo	-29.605	-29.605	0.000	0.000
48	S003-Bassamento_P-pr	186	Z	FT	glo	-29.605	-29.605	0.000	0.000
49	S003-Bassamento_P-pr	201	Z	FT	glo	-29.605	-29.605	0.000	0.000
50	S003-Bassamento_P-pr	202	Z	FT	glo	-29.605	-29.605	0.000	0.000
51	S003-Bassamento_P-pr	221	Z	FT	glo	-14.803	-14.803	0.000	0.000
52	S003-Bassamento_P-pr	222	Z	FT	glo	-14.803	-14.803	0.000	0.000
53	S001-Bassamento_Vari	7	Z	FT	glo	-3.289	-3.289	0.000	0.000
54	S001-Bassamento_Vari	8	Z	FT	glo	-3.289	-3.289	0.000	0.000
55	S001-Bassamento_Vari	27	Z	FT	glo	-6.579	-6.579	0.000	0.000
56	S001-Bassamento_Vari	28	Z	FT	glo	-6.579	-6.579	0.000	0.000
57	S001-Bassamento_Vari	43	Z	FT	glo	-6.579	-6.579	0.000	0.000
58	S001-Bassamento_Vari	44	Z	FT	glo	-6.579	-6.579	0.000	0.000
59	S001-Bassamento_Vari	63	Z	FT	glo	-6.579	-6.579	0.000	0.000
60	S001-Bassamento_Vari	64	Z	FT	glo	-6.579	-6.579	0.000	0.000
61	S001-Bassamento_Vari	79	Z	FT	glo	-6.579	-6.579	0.000	0.000
62	S001-Bassamento_Vari	80	Z	FT	glo	-6.579	-6.579	0.000	0.000
63	S001-Bassamento_Vari	95	Z	FT	glo	-6.579	-6.579	0.000	0.000
64	S001-Bassamento_Vari	96	Z	FT	glo	-6.579	-6.579	0.000	0.000
65	S001-Bassamento_Vari	111	Z	FT	glo	-6.579	-6.579	0.000	0.000
66	S001-Bassamento_Vari	112	Z	FT	glo	-6.579	-6.579	0.000	0.000
67	S001-Bassamento_Vari	127	Z	FT	glo	-6.579	-6.579	0.000	0.000
68	S001-Bassamento_Vari	128	Z	FT	glo	-6.579	-6.579	0.000	0.000
69	S001-Bassamento_Vari	143	Z	FT	glo	-6.579	-6.579	0.000	0.000
70	S001-Bassamento_Vari	144	Z	FT	glo	-6.579	-6.579	0.000	0.000
71	S001-Bassamento_Vari	159	Z	FT	glo	-6.579	-6.579	0.000	0.000
72	S001-Bassamento_Vari	160	Z	FT	glo	-6.579	-6.579	0.000	0.000
73	S001-Bassamento_Vari	179	Z	FT	glo	-6.579	-6.579	0.000	0.000
74	S001-Bassamento_Vari	180	Z	FT	glo	-6.579	-6.579	0.000	0.000
75	S001-Bassamento_Vari	195	Z	FT	glo	-6.579	-6.579	0.000	0.000
76	S001-Bassamento_Vari	196	Z	FT	glo	-6.579	-6.579	0.000	0.000
77	S001-Bassamento_Vari	215	Z	FT	glo	-3.289	-3.289	0.000	0.000
78	S001-Bassamento_Vari	216	Z	FT	glo	-3.289	-3.289	0.000	0.000
79	S003-Bassamento_Vari	13	Z	FT	glo	-3.289	-3.289	0.000	0.000
80	S003-Bassamento_Vari	14	Z	FT	glo	-3.289	-3.289	0.000	0.000
81	S003-Bassamento_Vari	33	Z	FT	glo	-6.579	-6.579	0.000	0.000
82	S003-Bassamento_Vari	34	Z	FT	glo	-6.579	-6.579	0.000	0.000
83	S003-Bassamento_Vari	49	Z	FT	glo	-6.579	-6.579	0.000	0.000
84	S003-Bassamento_Vari	50	Z	FT	glo	-6.579	-6.579	0.000	0.000
85	S003-Bassamento_Vari	69	Z	FT	glo	-6.579	-6.579	0.000	0.000
86	S003-Bassamento_Vari	70	Z	FT	glo	-6.579	-6.579	0.000	0.000
87	S003-Bassamento_Vari	85	Z	FT	glo	-6.579	-6.579	0.000	0.000
88	S003-Bassamento_Vari	86	Z	FT	glo	-6.579	-6.579	0.000	0.000
89	S003-Bassamento_Vari	101	Z	FT	glo	-6.579	-6.579	0.000	0.000
90	S003-Bassamento_Vari	102	Z	FT	glo	-6.579	-6.579	0.000	0.000
91	S003-Bassamento_Vari	117	Z	FT	glo	-6.579	-6.579	0.000	0.000
92	S003-Bassamento_Vari	118	Z	FT	glo	-6.579	-6.579	0.000	0.000
93	S003-Bassamento_Vari	133	Z	FT	glo	-6.579	-6.579	0.000	0.000
94	S003-Bassamento_Vari	134	Z	FT	glo	-6.579	-6.579	0.000	0.000
95	S003-Bassamento_Vari	149	Z	FT	glo	-6.579	-6.579	0.000	0.000



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

96	S003-Bassamento_Vari	150	Z	FT glo	-6.579	-6.579	0.000	0.000
97	S003-Bassamento_Vari	165	Z	FT glo	-6.579	-6.579	0.000	0.000
98	S003-Bassamento_Vari	166	Z	FT glo	-6.579	-6.579	0.000	0.000
99	S003-Bassamento_Vari	185	Z	FT glo	-6.579	-6.579	0.000	0.000
100	S003-Bassamento_Vari	186	Z	FT glo	-6.579	-6.579	0.000	0.000
101	S003-Bassamento_Vari	201	Z	FT glo	-6.579	-6.579	0.000	0.000
102	S003-Bassamento_Vari	202	Z	FT glo	-6.579	-6.579	0.000	0.000
103	S003-Bassamento_Vari	221	Z	FT glo	-3.289	-3.289	0.000	0.000
104	S003-Bassamento_Vari	222	Z	FT glo	-3.289	-3.289	0.000	0.000

PESI PROPRI ASTE--|-----|-----|-----|-----|
 Cond. Nome Carichi Aste
 1 105-332 1-228

CARICHI DI LINEA |-----|-----|-----|-----|num.= 0
 numero coordinata Intensità
 Nome inizio fine Cond. Direz. inizio fine Descrizione

CONDIZIONI DI CARICO-----|-----|-----|-----|num.= 3
 Nome
 1 Peso_proprio_____ N. carichi: 228
 Lista carichi: 105-332
 2 Permanente_____ N. carichi: 52
 Lista carichi: 1-52
 3 Esercizio_____ N. carichi: 52
 Lista carichi: 53-104

RISULTANTI DEI CARICHI (punto di applicazione nell'origine degli assi):

cond.	FX	FY	FZ	MX	MY	MZ
1	0.000000E+00	0.000000E+00	-1.037501E+03	-6.225005E+03	1.240436E+04	0.000000E+00
2	0.000000E+00	0.000000E+00	-5.400042E+03	-3.240025E+04	6.456290E+04	0.000000E+00
3	0.000000E+00	0.000000E+00	-1.200010E+03	-7.200058E+03	1.434731E+04	0.000000E+00



DESCRIZIONE CASI DI CARICO:

NOME	DESCRIZIONE	VERIFICA	TIPO	CONDIZ. INSERITE			CASI INSERITI	
				Num.	Coeff.	Segno	Num.	Coeff.
1	SLU SENZA SISMA	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	1.500	+		
2	Rara	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	1.000	+		
3	Frequente	Freq.	somma	1	1.000	+		
				2	1.000	+		
				3	0.600	+		
4	Quasi Perm	QuasiPerm.	somma	1	1.000	+		
				2	1.000	+		
				3	0.200	+		



SPOSTAMENTI NODALI:

SPOSTAMENTI NODI

CASO DI CARICO : 2 Rara

COMBINAZIONE

N. 3 CONDIZIONI ANALISI STATICA

1	Peso proprio	+	1.00
2	Permanente	+	1.00
3	Esercizio	+	1.00

1) +1.00*c001 +1.00*c002 +1.00*c003
Unità di misura: SX,SY,SZ [cm]; RX,RY,RZ [rad]

Coefficiente moltiplicativo: 1.000000

Nodo	SX	SY	SZ	RX	RY	RZ
1	0.000000	0.000000	0.223180	-0.00447	0.00177	0.00000
2	0.000000	0.000000	0.223180	-0.00447	-0.00177	0.00000
3	0.000000	0.000000	-0.000833	0.00001	0.00177	0.00000
4	0.000000	0.000000	-0.000833	0.00001	-0.00177	0.00000
5	0.000000	0.000000	0.044501	-0.00447	0.00177	0.00000
6	0.000000	0.000000	0.015779	-0.00447	0.00177	0.00000
7	0.000000	0.000000	-0.248291	-0.00447	0.00156	0.00000
8	0.000000	0.000000	-0.588844	-0.00447	0.00000	0.00000
9	0.000000	0.000000	-0.248291	-0.00447	-0.00156	0.00000
10	0.000000	0.000000	0.015779	-0.00447	-0.00177	0.00000
11	0.000000	0.000000	0.044501	-0.00447	-0.00177	0.00000
12	0.000000	0.000000	-0.000302	0.00001	0.00177	0.00000
13	0.000000	0.000000	-0.029024	0.00001	0.00177	0.00000
14	0.000000	0.000000	-0.293094	0.00001	0.00156	0.00000
15	0.000000	0.000000	-0.633646	0.00001	0.00000	0.00000
16	0.000000	0.000000	-0.293094	0.00001	-0.00156	0.00000
17	0.000000	0.000000	-0.029024	0.00001	-0.00177	0.00000
18	0.000000	0.000000	-0.000302	0.00001	-0.00177	0.00000
19	0.000000	0.000000	0.000000	-0.00447	0.00193	0.00000
20	0.000000	0.000000	0.000000	-0.00447	-0.00193	0.00000
21	0.000000	0.000000	0.000000	0.00001	0.00193	0.00000
22	0.000000	0.000000	0.000000	0.00001	-0.00193	0.00000
23	0.000000	0.000000	-0.344509	-0.00433	0.00312	0.00000
24	0.000000	0.000000	-0.395151	-0.00433	0.00312	0.00000
25	0.000000	0.000000	-0.863633	-0.00433	0.00278	0.00000
26	0.000000	0.000000	-1.473247	-0.00433	0.00000	0.00000
27	0.000000	0.000000	-0.863633	-0.00433	-0.00278	0.00000
28	0.000000	0.000000	-0.395151	-0.00433	-0.00312	0.00000
29	0.000000	0.000000	-0.344509	-0.00433	-0.00312	0.00000
30	0.000000	0.000000	0.001819	-0.00001	0.00312	0.00000
31	0.000000	0.000000	-0.048823	-0.00001	0.00312	0.00000
32	0.000000	0.000000	-0.517306	-0.00001	0.00278	0.00000
33	0.000000	0.000000	-1.126920	-0.00001	0.00000	0.00000
34	0.000000	0.000000	-0.517306	-0.00001	-0.00278	0.00000
35	0.000000	0.000000	-0.048823	-0.00001	-0.00312	0.00000
36	0.000000	0.000000	0.001819	-0.00001	-0.00312	0.00000
37	0.000000	0.000000	-0.706670	-0.00386	0.00317	0.00000
38	0.000000	0.000000	-0.758067	-0.00386	0.00316	0.00000
39	0.000000	0.000000	-1.232688	-0.00386	0.00282	0.00000
40	0.000000	0.000000	-1.848797	-0.00386	0.00000	0.00000
41	0.000000	0.000000	-1.232688	-0.00386	-0.00282	0.00000
42	0.000000	0.000000	-0.758067	-0.00386	-0.00316	0.00000
43	0.000000	0.000000	-0.706670	-0.00386	-0.00317	0.00000
44	0.000000	0.000000	0.002331	-0.00010	0.00317	0.00000
45	0.000000	0.000000	-0.049066	-0.00010	0.00316	0.00000
46	0.000000	0.000000	-0.523688	-0.00010	0.00282	0.00000
47	0.000000	0.000000	-1.139796	-0.00010	0.00000	0.00000
48	0.000000	0.000000	-0.523688	-0.00010	-0.00282	0.00000
49	0.000000	0.000000	-0.049066	-0.00010	-0.00316	0.00000
50	0.000000	0.000000	0.002331	-0.00010	-0.00317	0.00000
51	0.000000	0.000000	-0.859370	-0.00355	0.00317	0.00000
52	0.000000	0.000000	-0.859370	-0.00355	-0.00317	0.00000
53	0.000000	0.000000	0.000000	-0.00019	0.00317	0.00000
54	0.000000	0.000000	0.000000	-0.00019	-0.00317	0.00000
55	0.000000	0.000000	-1.014697	-0.00313	0.00317	0.00000
56	0.000000	0.000000	-1.066121	-0.00313	0.00317	0.00000
57	0.000000	0.000000	-1.540967	-0.00313	0.00282	0.00000
58	0.000000	0.000000	-2.157312	-0.00313	0.00000	0.00000
59	0.000000	0.000000	-1.540967	-0.00313	-0.00282	0.00000
60	0.000000	0.000000	-1.066121	-0.00313	-0.00317	0.00000
61	0.000000	0.000000	-1.014697	-0.00313	-0.00317	0.00000
62	0.000000	0.000000	-0.015460	-0.00027	0.00317	0.00000
63	0.000000	0.000000	-0.066884	-0.00027	0.00317	0.00000
64	0.000000	0.000000	-0.541729	-0.00027	0.00282	0.00000
65	0.000000	0.000000	-1.158074	-0.00027	0.00000	0.00000
66	0.000000	0.000000	-0.541729	-0.00027	-0.00282	0.00000
67	0.000000	0.000000	-0.066884	-0.00027	-0.00317	0.00000



68	0.000000	0.000000	-0.015460	-0.00027	-0.00317	0.00000
69	0.000000	0.000000	-1.248830	-0.00220	0.00317	0.00000
70	0.000000	0.000000	-1.300255	-0.00220	0.00317	0.00000
71	0.000000	0.000000	-1.775109	-0.00220	0.00282	0.00000
72	0.000000	0.000000	-2.391463	-0.00220	0.00000	0.00000
73	0.000000	0.000000	-1.775109	-0.00220	-0.00282	0.00000
74	0.000000	0.000000	-1.300255	-0.00220	-0.00317	0.00000
75	0.000000	0.000000	-1.248830	-0.00220	-0.00317	0.00000
76	0.000000	0.000000	-0.047282	-0.00029	0.00317	0.00000
77	0.000000	0.000000	-0.098707	-0.00029	0.00317	0.00000
78	0.000000	0.000000	-0.573560	-0.00029	0.00282	0.00000
79	0.000000	0.000000	-1.189914	-0.00029	0.00000	0.00000
80	0.000000	0.000000	-0.573560	-0.00029	-0.00282	0.00000
81	0.000000	0.000000	-0.098707	-0.00029	-0.00317	0.00000
82	0.000000	0.000000	-0.047282	-0.00029	-0.00317	0.00000
83	0.000000	0.000000	-1.394956	-0.00113	0.00317	0.00000
84	0.000000	0.000000	-1.446381	-0.00113	0.00317	0.00000
85	0.000000	0.000000	-1.921235	-0.00113	0.00282	0.00000
86	0.000000	0.000000	-2.537589	-0.00113	0.00000	0.00000
87	0.000000	0.000000	-1.921235	-0.00113	-0.00282	0.00000
88	0.000000	0.000000	-1.446381	-0.00113	-0.00317	0.00000
89	0.000000	0.000000	-1.394956	-0.00113	-0.00317	0.00000
90	0.000000	0.000000	-0.072020	-0.00018	0.00317	0.00000
91	0.000000	0.000000	-0.123445	-0.00018	0.00317	0.00000
92	0.000000	0.000000	-0.598299	-0.00018	0.00282	0.00000
93	0.000000	0.000000	-1.214653	-0.00018	0.00000	0.00000
94	0.000000	0.000000	-0.598299	-0.00018	-0.00282	0.00000
95	0.000000	0.000000	-0.123445	-0.00018	-0.00317	0.00000
96	0.000000	0.000000	-0.072020	-0.00018	-0.00317	0.00000
97	0.000000	0.000000	-1.444605	0.00000	0.00317	0.00000
98	0.000000	0.000000	-1.496030	0.00000	0.00317	0.00000
99	0.000000	0.000000	-1.970884	0.00000	0.00282	0.00000
100	0.000000	0.000000	-2.587238	0.00000	0.00000	0.00000
101	0.000000	0.000000	-1.970884	0.00000	-0.00282	0.00000
102	0.000000	0.000000	-1.496030	0.00000	-0.00317	0.00000
103	0.000000	0.000000	-1.444605	0.00000	-0.00317	0.00000
104	0.000000	0.000000	-0.081207	0.00000	0.00317	0.00000
105	0.000000	0.000000	-0.132633	0.00000	0.00317	0.00000
106	0.000000	0.000000	-0.607487	0.00000	0.00282	0.00000
107	0.000000	0.000000	-1.223840	0.00000	0.00000	0.00000
108	0.000000	0.000000	-0.607487	0.00000	-0.00282	0.00000
109	0.000000	0.000000	-0.132633	0.00000	-0.00317	0.00000
110	0.000000	0.000000	-0.081207	0.00000	-0.00317	0.00000
111	0.000000	0.000000	-1.394956	0.00113	0.00317	0.00000
112	0.000000	0.000000	-1.446381	0.00113	0.00317	0.00000
113	0.000000	0.000000	-1.921235	0.00113	0.00282	0.00000
114	0.000000	0.000000	-2.537589	0.00113	0.00000	0.00000
115	0.000000	0.000000	-1.921235	0.00113	-0.00282	0.00000
116	0.000000	0.000000	-1.446381	0.00113	-0.00317	0.00000
117	0.000000	0.000000	-1.394956	0.00113	-0.00317	0.00000
118	0.000000	0.000000	-0.072020	0.00018	0.00317	0.00000
119	0.000000	0.000000	-0.123445	0.00018	0.00317	0.00000
120	0.000000	0.000000	-0.598299	0.00018	0.00282	0.00000
121	0.000000	0.000000	-1.214653	0.00018	0.00000	0.00000
122	0.000000	0.000000	-0.598299	0.00018	-0.00282	0.00000
123	0.000000	0.000000	-0.123445	0.00018	-0.00317	0.00000
124	0.000000	0.000000	-0.072020	0.00018	-0.00317	0.00000
125	0.000000	0.000000	-1.248830	0.00220	0.00317	0.00000
126	0.000000	0.000000	-1.300255	0.00220	0.00317	0.00000
127	0.000000	0.000000	-1.775109	0.00220	0.00282	0.00000
128	0.000000	0.000000	-2.391463	0.00220	0.00000	0.00000
129	0.000000	0.000000	-1.775109	0.00220	-0.00282	0.00000
130	0.000000	0.000000	-1.300255	0.00220	-0.00317	0.00000
131	0.000000	0.000000	-1.248830	0.00220	-0.00317	0.00000
132	0.000000	0.000000	-0.047282	0.00029	0.00317	0.00000
133	0.000000	0.000000	-0.098707	0.00029	0.00317	0.00000
134	0.000000	0.000000	-0.573560	0.00029	0.00282	0.00000
135	0.000000	0.000000	-1.189914	0.00029	0.00000	0.00000
136	0.000000	0.000000	-0.573560	0.00029	-0.00282	0.00000
137	0.000000	0.000000	-0.098707	0.00029	-0.00317	0.00000
138	0.000000	0.000000	-0.047282	0.00029	-0.00317	0.00000
139	0.000000	0.000000	-1.014697	0.00313	0.00317	0.00000
140	0.000000	0.000000	-1.066121	0.00313	0.00317	0.00000
141	0.000000	0.000000	-1.540967	0.00313	0.00282	0.00000
142	0.000000	0.000000	-2.157312	0.00313	0.00000	0.00000
143	0.000000	0.000000	-1.540967	0.00313	-0.00282	0.00000
144	0.000000	0.000000	-1.066121	0.00313	-0.00317	0.00000
145	0.000000	0.000000	-1.014697	0.00313	-0.00317	0.00000
146	0.000000	0.000000	-0.015460	0.00027	0.00317	0.00000
147	0.000000	0.000000	-0.066884	0.00027	0.00317	0.00000
148	0.000000	0.000000	-0.541729	0.00027	0.00282	0.00000
149	0.000000	0.000000	-1.158074	0.00027	0.00000	0.00000
150	0.000000	0.000000	-0.541729	0.00027	-0.00282	0.00000
151	0.000000	0.000000	-0.066884	0.00027	-0.00317	0.00000
152	0.000000	0.000000	-0.015460	0.00027	-0.00317	0.00000



153	0.000000	0.000000	-0.859370	0.00355	0.00317	0.00000
154	0.000000	0.000000	-0.859370	0.00355	-0.00317	0.00000
155	0.000000	0.000000	0.000000	0.00019	0.00317	0.00000
156	0.000000	0.000000	0.000000	0.00019	-0.00317	0.00000
157	0.000000	0.000000	-0.706670	0.00386	0.00317	0.00000
158	0.000000	0.000000	-0.758067	0.00386	0.00316	0.00000
159	0.000000	0.000000	-1.232688	0.00386	0.00282	0.00000
160	0.000000	0.000000	-1.848797	0.00386	0.00000	0.00000
161	0.000000	0.000000	-1.232688	0.00386	-0.00282	0.00000
162	0.000000	0.000000	-0.758067	0.00386	-0.00316	0.00000
163	0.000000	0.000000	-0.706670	0.00386	-0.00317	0.00000
164	0.000000	0.000000	0.002331	0.00010	0.00317	0.00000
165	0.000000	0.000000	-0.049066	0.00010	0.00316	0.00000
166	0.000000	0.000000	-0.523688	0.00010	0.00282	0.00000
167	0.000000	0.000000	-1.139796	0.00010	0.00000	0.00000
168	0.000000	0.000000	-0.523688	0.00010	-0.00282	0.00000
169	0.000000	0.000000	-0.049066	0.00010	-0.00316	0.00000
170	0.000000	0.000000	0.002331	0.00010	-0.00317	0.00000
171	0.000000	0.000000	-0.344509	0.00433	0.00312	0.00000
172	0.000000	0.000000	-0.395151	0.00433	0.00312	0.00000
173	0.000000	0.000000	-0.863633	0.00433	0.00278	0.00000
174	0.000000	0.000000	-1.473247	0.00433	0.00000	0.00000
175	0.000000	0.000000	-0.863633	0.00433	-0.00278	0.00000
176	0.000000	0.000000	-0.395151	0.00433	-0.00312	0.00000
177	0.000000	0.000000	-0.344509	0.00433	-0.00312	0.00000
178	0.000000	0.000000	0.001819	0.00001	0.00312	0.00000
179	0.000000	0.000000	-0.048823	0.00001	0.00312	0.00000
180	0.000000	0.000000	-0.517306	0.00001	0.00278	0.00000
181	0.000000	0.000000	-1.126920	0.00001	0.00000	0.00000
182	0.000000	0.000000	-0.517306	0.00001	-0.00278	0.00000
183	0.000000	0.000000	-0.048823	0.00001	-0.00312	0.00000
184	0.000000	0.000000	0.001819	0.00001	-0.00312	0.00000
185	0.000000	0.000000	0.000000	0.00447	0.00193	0.00000
186	0.000000	0.000000	0.000000	0.00447	-0.00193	0.00000
187	0.000000	0.000000	0.000000	-0.00001	0.00193	0.00000
188	0.000000	0.000000	0.000000	-0.00001	-0.00193	0.00000
189	0.000000	0.000000	0.044501	0.00447	0.00177	0.00000
190	0.000000	0.000000	0.015779	0.00447	0.00177	0.00000
191	0.000000	0.000000	-0.248291	0.00447	0.00156	0.00000
192	0.000000	0.000000	-0.588844	0.00447	0.00000	0.00000
193	0.000000	0.000000	-0.248291	0.00447	-0.00156	0.00000
194	0.000000	0.000000	0.015779	0.00447	-0.00177	0.00000
195	0.000000	0.000000	0.044501	0.00447	-0.00177	0.00000
196	0.000000	0.000000	-0.000302	-0.00001	0.00177	0.00000
197	0.000000	0.000000	-0.029024	-0.00001	0.00177	0.00000
198	0.000000	0.000000	-0.293094	-0.00001	0.00156	0.00000
199	0.000000	0.000000	-0.633646	-0.00001	0.00000	0.00000
200	0.000000	0.000000	-0.293094	-0.00001	-0.00156	0.00000
201	0.000000	0.000000	-0.029024	-0.00001	-0.00177	0.00000
202	0.000000	0.000000	-0.000302	-0.00001	-0.00177	0.00000
203	0.000000	0.000000	0.223180	0.00447	0.00177	0.00000
204	0.000000	0.000000	0.223180	0.00447	-0.00177	0.00000
205	0.000000	0.000000	-0.000833	-0.00001	0.00177	0.00000
206	0.000000	0.000000	-0.000833	-0.00001	-0.00177	0.00000



VERIFICHE ASTE IN ACCIAIO:

VERIFICA ELEMENTI IN ACCIAIO
lavoro : CA_PIA
data : 2023_10_18_19_59

Unità di misura:
Lunghezze: cm
Prop.Sez.: cm
Forze: kN
Momenti: kNm
Tensioni: N/mm2

MATERIALI
S275 (EN 10025-2): Mod.El.= 210000.; gm = 1.050;
fyk = 275.(255. per sp>40 mm); fyd = 262.(243. per sp>40 mm).

CASI DI CARICO	N	Descrizione	Soll.
1	1	SLU SENZA SISMA	1

CARATTERISTICHE GEOMETRICHE

P_HEM650_S001 (1) :
A =374.1127E+00 Jz=281.9705E+03 Jy= 18.9810E+03 Jt= 1.3752E+03

G_HE900x466 (2) :
A =594.1485E+00 Jz=815.7017E+03 Jy= 27.5633E+03 Jt= 4.2561E+03

P_HEM650_S001 (1) stato limite ultimo - ASTA (6- 7) 6
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	27.88306	0.	0.	0.000	0.000	123.338			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-3.	0.	0.	0.	3.	
1- 1	si	5	Tz	-3.	2.	0.	2.	4.	
1- 1	si	9	TySi	0.	0.	-10.	10.	17.	
									PROGR. 19.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	50.94184	0.	0.	0.000	0.000	122.623			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-6.	0.	0.	0.	6.	
1- 1	si	5	Tz	-6.	2.	0.	2.	7.	
1- 1	si	9	TySi	0.	0.	-10.	10.	17.	
									PROGR. 38.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	73.86654	0.	0.	0.000	0.000	121.908			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-9.	0.	0.	0.	9.	
1- 1	si	5	Tz	-9.	2.	0.	2.	9.	
1- 1	si	9	TySi	0.	0.	-10.	10.	17.	
									PROGR. 56.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	96.65717	0.	0.	0.000	0.000	121.193			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-11.	0.	0.	0.	11.	
1- 1	si	5	Tz	-11.	2.	0.	2.	12.	
1- 1	si	9	TySi	0.	0.	-10.	10.	17.	
									PROGR. 75.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	119.31373	0.	0.	0.000	0.000	120.477			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-14.	0.	0.	0.	14.	
1- 1	si	5	Tz	-14.	2.	0.	2.	14.	
1- 1	si	9	Ty	0.	0.	-10.	10.	17.	
1- 1	si	11	Si	-11.	0.	-8.	8.	18.	
									PROGR. 94.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	141.83622	0.	0.	0.000	0.000	119.762			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-17.	0.	0.	0.	17.	
1- 1	si	5	Tz	-17.	2.	0.	2.	17.	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	9	Ty	0.	0.	-10.	10.	17.	
1-1	si	11	Si	-13.	0.	-8.	8.	20.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
		164.22463	0.	0.	0.000	0.000	119.047		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-19.	0.	0.	0.	19.	
1-1	si	5	Tz	-19.	2.	0.	2.	20.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
1-1	si	11	Si	-16.	0.	-8.	8.	21.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
		186.47897	0.	0.	0.000	0.000	118.332		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-22.	0.	0.	0.	22.	
1-1	si	5	Tz	-22.	2.	0.	2.	22.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
1-1	si	11	Si	-18.	0.	-8.	8.	23.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY	
		208.59924	0.	0.	0.000	0.000	117.617	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-25.	0.	0.	0.	25.
1-1	si	5	Tz	-25.	2.	0.	2.	25.
1-1	si	9	Ty	0.	0.	-10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (7- 8) 7 0.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
		208.59924	0.	0.	0.000	0.000	117.617		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-25.	0.	0.	0.	25.	
1-1	si	5	Tz	-25.	2.	0.	2.	25.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
		260.97567	0.	0.	0.000	0.000	102.915		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-31.	0.	0.	0.	31.	
1-1	si	5	Tz	-31.	1.	0.	1.	31.	
1-1	si	9	Ty	0.	0.	-8.	8.	15.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
		306.36858	0.	0.	0.000	0.000	88.213		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-36.	0.	0.	0.	36.	
1-1	si	5	Tz	-36.	1.	0.	1.	36.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
		344.77796	0.	0.	0.000	0.000	73.511		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-41.	0.	0.	0.	41.	
1-1	si	5	Tz	-41.	1.	0.	1.	41.	
1-1	si	9	Ty	0.	0.	-6.	6.	10.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
		376.20382	0.	0.	0.000	0.000	58.809		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-45.	0.	0.	0.	45.	
1-1	si	5	Tz	-45.	1.	0.	1.	45.	
1-1	si	9	Ty	0.	0.	-5.	5.	8.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY
		400.64615	0.	0.	0.000	0.000	44.106



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-47.	0.	0.	0.	47.
1-1	si	5	Tz	-47.	1.	0.	1.	47.
1-1	si	9	Ty	0.	0.	-4.	4.	6.
								PROGR. 285.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			418.10496	0.	0.	0.000	0.000	29.404

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-50.	0.	0.	0.	50.
1-1	si	5	Tz	-50.	0.	0.	0.	50.
1-1	si	9	Ty	0.	0.	-2.	2.	4.
								PROGR. 332.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			428.58025	0.	0.	0.000	0.000	14.702

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-51.	0.	0.	0.	51.
1-1	si	5	Tz	-51.	0.	0.	0.	51.
1-1	si	9	Ty	0.	0.	-1.	1.	2.
								PROGR. 380.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			432.07201	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-51.	0.	0.	0.	51.
1-1	si	5	Tz	-51.	0.	0.	0.	51.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (8- 9) 8 0.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			432.07201	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-51.	0.	0.	0.	51.
1-1	si	5	Tz	-51.	0.	0.	0.	51.
1-1	si	9	Ty	0.	0.	0.	0.	0.
								PROGR. 48.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			428.58025	0.	0.	0.000	0.000	-14.702

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-51.	0.	0.	0.	51.
1-1	si	5	Tz	-51.	0.	0.	0.	51.
1-1	si	9	Ty	0.	0.	1.	1.	2.
								PROGR. 95.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			418.10496	0.	0.	0.000	0.000	-29.404

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-50.	0.	0.	0.	50.
1-1	si	5	Tz	-50.	0.	0.	0.	50.
1-1	si	9	Ty	0.	0.	2.	2.	4.
								PROGR. 142.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			400.64615	0.	0.	0.000	0.000	-44.106

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-47.	0.	0.	0.	47.
1-1	si	5	Tz	-47.	-1.	0.	1.	47.
1-1	si	9	Ty	0.	0.	4.	4.	6.
								PROGR. 190.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1			376.20382	0.	0.	0.000	0.000	-58.809

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-45.	0.	0.	0.	45.
1-1	si	5	Tz	-45.	-1.	0.	1.	45.
1-1	si	9	Ty	0.	0.	5.	5.	8.
								PROGR. 238.

SOLLECITAZIONI :

Caso	Ve	No	MZ	MY	MT	N	TZ	TY
1-1								



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	344.77796	0.	0.	0.000	0.000	-73.511
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-41.	0.	0.	0.	41.
1- 1 si 5	Tz Si	-41.	-1.	0.	1.	41.
1- 1 si 9	Ty	0.	0.	6.	6.	10.
						PROGR. 285.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	306.36858	0.	0.	0.000	0.000	-88.213
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-36.	0.	0.	0.	36.
1- 1 si 5	Tz Si	-36.	-1.	0.	1.	36.
1- 1 si 9	Ty	0.	0.	7.	7.	12.
						PROGR. 332.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	260.97567	0.	0.	0.000	0.000	-102.915
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-31.	0.	0.	0.	31.
1- 1 si 5	Tz Si	-31.	-1.	0.	1.	31.
1- 1 si 9	Ty	0.	0.	8.	8.	15.
						PROGR. 380.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	208.59924	0.	0.	0.000	0.000	-117.617
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-25.	0.	0.	0.	25.
1- 1 si 5	Tz Si	-25.	-2.	0.	2.	25.
1- 1 si 9	Ty	0.	0.	10.	10.	17.
						PROGR. 19.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (9- 10) 9
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	208.59924	0.	0.	0.000	0.000	-117.617
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-25.	0.	0.	0.	25.
1- 1 si 5	Tz Si	-25.	-2.	0.	2.	25.
1- 1 si 9	Ty	0.	0.	10.	10.	17.
						PROGR. 19.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	186.47897	0.	0.	0.000	0.000	-118.332
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-22.	0.	0.	0.	22.
1- 1 si 5	Tz Si	-22.	-2.	0.	2.	22.
1- 1 si 9	Ty	0.	0.	10.	10.	17.
1- 1 si 11	Si	-18.	0.	8.	8.	23.
						PROGR. 37.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	164.22463	0.	0.	0.000	0.000	-119.047
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-19.	0.	0.	0.	19.
1- 1 si 5	Tz Si	-19.	-2.	0.	2.	20.
1- 1 si 9	Ty	0.	0.	10.	10.	17.
1- 1 si 11	Si	-16.	0.	8.	8.	21.
						PROGR. 56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	141.83622	0.	0.	0.000	0.000	-119.762
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-17.	0.	0.	0.	17.
1- 1 si 5	Tz Si	-17.	-2.	0.	2.	17.
1- 1 si 9	Ty	0.	0.	10.	10.	17.
1- 1 si 11	Si	-13.	0.	8.	8.	20.
						PROGR. 75.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	119.31373	0.	0.	0.000	0.000	-120.477
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-14.	0.	0.	0.	14.
1- 1 si 5	Tz	-14.	-2.	0.	2.	14.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	9	Ty	0.	0.	10.	10.	17.	
1-1	si	11	Si	-11.	0.	8.	8.	18.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	96.65717	0.	0.	0.000	0.000	-121.193

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-11.	0.	0.	0.	11.	
1-1	si	5	Tz	-11.	-2.	0.	2.	12.	
1-1	si	9	TySi	0.	0.	10.	10.	17.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	73.86654	0.	0.	0.000	0.000	-121.908

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	-2.	0.	2.	9.	
1-1	si	9	TySi	0.	0.	10.	10.	17.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	50.94184	0.	0.	0.000	0.000	-122.623

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-6.	0.	0.	0.	6.	
1-1	si	5	Tz	-6.	-2.	0.	2.	7.	
1-1	si	9	TySi	0.	0.	10.	10.	17.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.88306	0.	0.	0.000	0.000	-123.338

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-3.	0.	0.	0.	3.
1-1	si	5	Tz	-3.	-2.	0.	2.	4.
1-1	si	9	TySi	0.	0.	10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (13- 14) 12 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.88306	0.	0.	0.000	0.000	123.338

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-3.	0.	0.	0.	3.	
1-1	si	5	Tz	-3.	2.	0.	2.	4.	
1-1	si	9	TySi	0.	0.	-10.	10.	17.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	50.94184	0.	0.	0.000	0.000	122.623

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-6.	0.	0.	0.	6.	
1-1	si	5	Tz	-6.	2.	0.	2.	7.	
1-1	si	9	TySi	0.	0.	-10.	10.	17.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	73.86654	0.	0.	0.000	0.000	121.908

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	2.	0.	2.	9.	
1-1	si	9	TySi	0.	0.	-10.	10.	17.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	96.65717	0.	0.	0.000	0.000	121.193

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-11.	0.	0.	0.	11.	
1-1	si	5	Tz	-11.	2.	0.	2.	12.	
1-1	si	9	TySi	0.	0.	-10.	10.	17.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	119.31373	0.	0.	0.000	0.000	120.477

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
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1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	2.	0.	2.	14.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
1-1	si	11	Si	-11.	0.	-8.	8.	18.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	141.83622	0.0	0.	0.	0.000	0.000	119.762		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-17.	0.	0.	0.	17.	
1-1	si	5	Tz	-17.	2.	0.	2.	17.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
1-1	si	11	Si	-13.	0.	-8.	8.	20.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	164.22463	0.0	0.	0.	0.000	0.000	119.047		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-19.	0.	0.	0.	19.	
1-1	si	5	Tz	-19.	2.	0.	2.	20.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
1-1	si	11	Si	-16.	0.	-8.	8.	21.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	186.47897	0.0	0.	0.	0.000	0.000	118.332		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-22.	0.	0.	0.	22.	
1-1	si	5	Tz	-22.	2.	0.	2.	22.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
1-1	si	11	Si	-18.	0.	-8.	8.	23.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1	208.59924	0.0	0.	0.	0.000	0.000	117.617	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-25.	0.	0.	0.	25.
1-1	si	5	Tz	-25.	2.	0.	2.	25.
1-1	si	9	Ty	0.	0.	-10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (14- 15) 13 0.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	208.59924	0.0	0.	0.	0.000	0.000	117.617		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-25.	0.	0.	0.	25.	
1-1	si	5	Tz	-25.	2.	0.	2.	25.	
1-1	si	9	Ty	0.	0.	-10.	10.	17.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	260.97567	0.0	0.	0.	0.000	0.000	102.915		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-31.	0.	0.	0.	31.	
1-1	si	5	Tz	-31.	1.	0.	1.	31.	
1-1	si	9	Ty	0.	0.	-8.	8.	15.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	306.36858	0.0	0.	0.	0.000	0.000	88.213		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-36.	0.	0.	0.	36.	
1-1	si	5	Tz	-36.	1.	0.	1.	36.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	344.77796	0.0	0.	0.	0.000	0.000	73.511		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-41.	0.	0.	0.	41.	
1-1	si	5	Tz	-41.	1.	0.	1.	41.	
1-1	si	9	Ty	0.	0.	-6.	6.	10.	
								PROGR.	190.



SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	376.20382	0.	0.	0.000	0.000	58.809		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-45.	0.	0.	0.	45.
1- 1	si	5	Tz	-45.	1.	0.	1.	45.
1- 1	si	9	Ty	0.	0.	-5.	5.	8.
							PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	400.64615	0.	0.	0.000	0.000	44.106		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-47.	0.	0.	0.	47.
1- 1	si	5	Tz	-47.	1.	0.	1.	47.
1- 1	si	9	Ty	0.	0.	-4.	4.	6.
							PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	418.10496	0.	0.	0.000	0.000	29.404		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-50.	0.	0.	0.	50.
1- 1	si	5	Tz	-50.	0.	0.	0.	50.
1- 1	si	9	Ty	0.	0.	-2.	2.	4.
							PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	428.58025	0.	0.	0.000	0.000	14.702		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-51.	0.	0.	0.	51.
1- 1	si	5	Tz	-51.	0.	0.	0.	51.
1- 1	si	9	Ty	0.	0.	-1.	1.	2.
							PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	432.07201	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-51.	0.	0.	0.	51.
1- 1	si	5	Tz	-51.	0.	0.	0.	51.
1- 1	si	9	Ty	0.	0.	0.	0.	0.
							PROGR.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (15- 16) 14 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	432.07201	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-51.	0.	0.	0.	51.
1- 1	si	5	Tz	-51.	0.	0.	0.	51.
1- 1	si	9	Ty	0.	0.	0.	0.	0.
							PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	428.58025	0.	0.	0.000	0.000	-14.702		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-51.	0.	0.	0.	51.
1- 1	si	5	Tz	-51.	0.	0.	0.	51.
1- 1	si	9	Ty	0.	0.	1.	1.	2.
							PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	418.10496	0.	0.	0.000	0.000	-29.404		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-50.	0.	0.	0.	50.
1- 1	si	5	Tz	-50.	0.	0.	0.	50.
1- 1	si	9	Ty	0.	0.	2.	2.	4.
							PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	400.64615	0.	0.	0.000	0.000	-44.106		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-47.	0.	0.	0.	47.
1- 1	si	5	Tz	-47.	-1.	0.	1.	47.
1- 1	si	9	Ty	0.	0.	4.	4.	6.
							PROGR.	0.



----- PROGR. 190.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		376.20382		0.		0.		0.000	0.000	-58.809
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-45.		0.		0.	0.	45.
1- 1	si	5	Tz	-45.		-1.		0.	1.	45.
1- 1	si	9	Ty	0.		0.		5.	5.	8.

----- PROGR. 238.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		344.77796		0.		0.		0.000	0.000	-73.511
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-41.		0.		0.	0.	41.
1- 1	si	5	Tz	-41.		-1.		0.	1.	41.
1- 1	si	9	Ty	0.		0.		6.	6.	10.

----- PROGR. 285.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		306.36858		0.		0.		0.000	0.000	-88.213
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-36.		0.		0.	0.	36.
1- 1	si	5	Tz	-36.		-1.		0.	1.	36.
1- 1	si	9	Ty	0.		0.		7.	7.	12.

----- PROGR. 332.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		260.97567		0.		0.		0.000	0.000	-102.915
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-31.		0.		0.	0.	31.
1- 1	si	5	Tz	-31.		-1.		0.	1.	31.
1- 1	si	9	Ty	0.		0.		8.	8.	15.

----- PROGR. 380.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		208.59924		0.		0.		0.000	0.000	-117.617
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-25.		0.		0.	0.	25.
1- 1	si	5	Tz	-25.		-2.		0.	2.	25.
1- 1	si	9	Ty	0.		0.		10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (16- 17) 15 0.

----- PROGR. 0.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		208.59924		0.		0.		0.000	0.000	-117.617
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-25.		0.		0.	0.	25.
1- 1	si	5	Tz	-25.		-2.		0.	2.	25.
1- 1	si	9	Ty	0.		0.		10.	10.	17.

----- PROGR. 19.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		186.47897		0.		0.		0.000	0.000	-118.332
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-22.		0.		0.	0.	22.
1- 1	si	5	Tz	-22.		-2.		0.	2.	22.
1- 1	si	9	Ty	0.		0.		10.	10.	17.
1- 1	si	11	Si	-18.		0.		8.	8.	23.

----- PROGR. 38.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		164.22463		0.		0.		0.000	0.000	-119.047
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.		0.		0.	0.	19.
1- 1	si	5	Tz	-19.		-2.		0.	2.	20.
1- 1	si	9	Ty	0.		0.		10.	10.	17.
1- 1	si	11	Si	-16.		0.		8.	8.	21.

----- PROGR. 56.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		141.83622		0.		0.		0.000	0.000	-119.762
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si



1-1	si	1	Sx	-17.	0.	0.	0.	17.	
1-1	si	5	Tz	-17.	-2.	0.	2.	17.	
1-1	si	9	Ty	0.	0.	10.	10.	17.	
1-1	si	11	Si	-13.	0.	8.	8.	20.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	119.31373	0.	0.	0.000	0.000	-120.477

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	-2.	0.	2.	14.	
1-1	si	9	Ty	0.	0.	10.	10.	17.	
1-1	si	11	Si	-11.	0.	8.	8.	18.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	96.65717	0.	0.	0.000	0.000	-121.193

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-11.	0.	0.	0.	11.	
1-1	si	5	Tz	-11.	-2.	0.	2.	12.	
1-1	si	9	Ty	0.	0.	10.	10.	17.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	73.86654	0.	0.	0.000	0.000	-121.908

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	-2.	0.	2.	9.	
1-1	si	9	Ty	0.	0.	10.	10.	17.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	50.94184	0.	0.	0.000	0.000	-122.623

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-6.	0.	0.	0.	6.	
1-1	si	5	Tz	-6.	-2.	0.	2.	7.	
1-1	si	9	Ty	0.	0.	10.	10.	17.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.88306	0.	0.	0.000	0.000	-123.338

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-3.	0.	0.	0.	3.
1-1	si	5	Tz	-3.	-2.	0.	2.	4.
1-1	si	9	Ty	0.	0.	10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (24- 25) 26
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.09208	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-3.	0.	0.	0.	3.	
1-1	si	5	Tz	-3.	3.	0.	3.	6.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	69.48700	0.	0.	0.000	0.000	225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-8.	0.	0.	0.	8.	
1-1	si	5	Tz	-8.	3.	0.	3.	10.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	111.74785	0.	0.	0.000	0.000	225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-13.	0.	0.	0.	13.	
1-1	si	5	Tz	-13.	3.	0.	3.	14.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	153.87462	0.0	0.0	0.000	0.000	224.319
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-18.	0.	0.	0.	18.
1- 1	si 5 Tz	-18.	3.	0.	3.	19.
1- 1	si 9 Ty	0.	0.	-18.	18.	32.
1- 1	si 11 Si					75.
----- PROGR.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	195.86732	0.	0.	0.000	0.000	223.604
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-23.	0.	0.	0.	23.
1- 1	si 5 Tz	-23.	3.	0.	3.	24.
1- 1	si 9 Ty	0.	0.	-18.	18.	32.
1- 1	si 11 Si	-19.	0.	-15.	15.	33.
----- PROGR.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	237.72596	0.	0.	0.000	0.000	222.889
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-28.	0.	0.	0.	28.
1- 1	si 5 Tz	-28.	3.	0.	3.	29.
1- 1	si 9 Ty	0.	0.	-18.	18.	32.
1- 1	si 11 Si	-23.	0.	-15.	15.	35.
----- PROGR.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	279.45051	0.	0.	0.000	0.000	222.173
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-33.	0.	0.	0.	33.
1- 1	si 5 Tz	-33.	3.	0.	3.	33.
1- 1	si 9 Ty	0.	0.	-18.	18.	31.
1- 1	si 11 Si	-26.	0.	-15.	15.	37.
----- PROGR.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	321.04100	0.	0.	0.000	0.000	221.458
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-38.	0.	0.	0.	38.
1- 1	si 5 Tz	-38.	3.	0.	3.	38.
1- 1	si 9 Ty	0.	0.	-18.	18.	31.
1- 1	si 11 Si	-30.	0.	-15.	15.	40.
----- PROGR.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-43.	0.	0.	0.	43.
1- 1	si 5 Tz	-43.	3.	0.	3.	43.
1- 1	si 9 Ty	0.	0.	-18.	18.	31.
1- 1	si 11 Si	-34.	0.	-15.	15.	43.
----- PROGR.						

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (25- 26) 27 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-43.	0.	0.	0.	43.
1- 1	si 5 Tz	-43.	3.	0.	3.	43.
1- 1	si 9 Ty	0.	0.	-18.	18.	31.
1- 1	si 11 Si	-34.	0.	-15.	15.	43.
----- PROGR.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	460.79719	0.	0.	0.000	0.000	193.150
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 1 Sx	-55.	0.	0.	0.	55.
1- 1	si 5 Tz	-55.	2.	0.	2.	55.
1- 1	si 9 Ty	0.	0.	-16.	16.	27.
----- PROGR.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	545.99033	0.	0.	0.000	0.000	165.558
TENSIONI (Sz= 0.0) :						



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-65.	0.	0.	0.	65.
1-1	si	5	Tz Si	-65.	2.	0.	2.	65.
1-1	si	9	Ty	0.	0.	-14.	14.	23.
PROGR.								
142.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	618.07683	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-73.	0.	0.	0.	73.
1-1	si	5	Tz Si	-73.	2.	0.	2.	73.
1-1	si	9	Ty	0.	0.	-11.	11.	20.
PROGR.								
190.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	677.05669	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-80.	0.	0.	0.	80.
1-1	si	5	Tz Si	-80.	1.	0.	1.	80.
1-1	si	9	Ty	0.	0.	-9.	9.	16.
PROGR.								
238.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	722.92992	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-86.	0.	0.	0.	86.
1-1	si	5	Tz Si	-86.	1.	0.	1.	86.
1-1	si	9	Ty	0.	0.	-7.	7.	12.
PROGR.								
285.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	755.69651	0.	0.	0.000	0.000	55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-90.	0.	0.	0.	90.
1-1	si	5	Tz Si	-90.	1.	0.	1.	90.
1-1	si	9	Ty	0.	0.	-5.	5.	8.
PROGR.								
332.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	775.35647	0.	0.	0.000	0.000	27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-92.	0.	0.	0.	92.
1-1	si	5	Tz Si	-92.	0.	0.	0.	92.
1-1	si	9	Ty	0.	0.	-2.	2.	4.
PROGR.								
380.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	781.90979	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx Si	-93.	0.	0.	0.	93.
1-1	si	5	Tz Si	-93.	0.	0.	0.	93.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (26- 27) 28 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	781.90979	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx Si	-93.	0.	0.	0.	93.
1-1	si	5	Tz Si	-93.	0.	0.	0.	93.
1-1	si	9	Ty	0.	0.	0.	0.	0.
PROGR.								
48.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	775.35647	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-92.	0.	0.	0.	92.
1-1	si	5	Tz Si	-92.	0.	0.	0.	92.
1-1	si	9	Ty	0.	0.	2.	2.	4.
PROGR.								
95.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	755.69651	0.	0.	0.000	0.000	-55.186



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz Si	-90.	-1.	0.	1.	90.
1- 1	si	9	Ty	0.	0.	5.	5.	8.
								PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	722.92992	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-86.	0.	0.	0.	86.
1- 1	si	5	Tz Si	-86.	-1.	0.	1.	86.
1- 1	si	9	Ty	0.	0.	7.	7.	12.
								PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	677.05669	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-80.	0.	0.	0.	80.
1- 1	si	5	Tz Si	-80.	-1.	0.	1.	80.
1- 1	si	9	Ty	0.	0.	9.	9.	16.
								PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	618.07683	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-73.	0.	0.	0.	73.
1- 1	si	5	Tz Si	-73.	-2.	0.	2.	73.
1- 1	si	9	Ty	0.	0.	11.	11.	20.
								PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	545.99033	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-65.	0.	0.	0.	65.
1- 1	si	5	Tz Si	-65.	-2.	0.	2.	65.
1- 1	si	9	Ty	0.	0.	14.	14.	23.
								PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	460.79719	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-55.	0.	0.	0.	55.
1- 1	si	5	Tz Si	-55.	-2.	0.	2.	55.
1- 1	si	9	Ty	0.	0.	16.	16.	27.
								PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-43.	0.	0.	0.	43.
1- 1	si	5	Tz Si	-43.	-3.	0.	3.	43.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-34.	0.	15.	15.	43.
								PROGR. 19.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (27- 28) 29
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-43.	0.	0.	0.	43.
1- 1	si	5	Tz Si	-43.	-3.	0.	3.	43.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-34.	0.	15.	15.	43.
								PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	321.04100	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-38.	0.	0.	0.	38.
1- 1	si	5	Tz Si	-38.	-3.	0.	3.	38.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-30.	0.	15.	15.	40.



----- PROGR. 37.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	279.45051	0.	0.	0.000	0.000	-222.173		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-33.	0.	0.	0.	33.
1- 1	si	5	Tz	-33.	-3.	0.	3.	33.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-26.	0.	15.	15.	37.

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	237.72596	0.	0.	0.000	0.000	-222.889		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-28.	0.	0.	0.	28.
1- 1	si	5	Tz	-28.	-3.	0.	3.	29.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-23.	0.	15.	15.	35.

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	195.86732	0.	0.	0.000	0.000	-223.604		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-23.	0.	0.	0.	23.
1- 1	si	5	Tz	-23.	-3.	0.	3.	24.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-19.	0.	15.	15.	33.

----- PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	153.87462	0.	0.	0.000	0.000	-224.319		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-18.	0.	0.	0.	18.
1- 1	si	5	Tz	-18.	-3.	0.	3.	19.
1- 1	si	9	Ty	0.	0.	18.	18.	32.

----- PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	111.74785	0.	0.	0.000	0.000	-225.034		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-13.	0.	0.	0.	13.
1- 1	si	5	Tz	-13.	-3.	0.	3.	14.
1- 1	si	9	Ty	0.	0.	18.	18.	32.

----- PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	69.48700	0.	0.	0.000	0.000	-225.749		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-8.	0.	0.	0.	8.
1- 1	si	5	Tz	-8.	-3.	0.	3.	10.
1- 1	si	9	Ty	0.	0.	18.	18.	32.

----- PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	27.09208	0.	0.	0.000	0.000	-226.464		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-3.	0.	0.	0.	3.
1- 1	si	5	Tz	-3.	-3.	0.	3.	6.
1- 1	si	9	Ty	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (31- 32) 32
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	27.09208	0.	0.	0.000	0.000	226.464		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-3.	0.	0.	0.	3.
1- 1	si	5	Tz	-3.	3.	0.	3.	6.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	69.48700	0.	0.	0.000	0.000	225.749
TENSIONI (Sz= 0.0) :						



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-8.	0.	0.	0.	8.
1- 1	si	5	Tz	-8.	3.	0.	3.	10.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		111.74785		0.	0.	0.000	0.000	225.034
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-13.	0.	0.	0.	13.
1- 1	si	5	Tz	-13.	3.	0.	3.	14.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		153.87462		0.	0.	0.000	0.000	224.319
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-18.	0.	0.	0.	18.
1- 1	si	5	Tz	-18.	3.	0.	3.	19.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		195.86732		0.	0.	0.000	0.000	223.604
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-23.	0.	0.	0.	23.
1- 1	si	5	Tz	-23.	3.	0.	3.	24.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-19.	0.	-15.	15.	33.
PROGR.								

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		237.72596		0.	0.	0.000	0.000	222.889
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-28.	0.	0.	0.	28.
1- 1	si	5	Tz	-28.	3.	0.	3.	29.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-23.	0.	-15.	15.	35.
PROGR.								

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		279.45051		0.	0.	0.000	0.000	222.173
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-33.	0.	0.	0.	33.
1- 1	si	5	Tz	-33.	3.	0.	3.	33.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-26.	0.	-15.	15.	37.
PROGR.								

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		321.04100		0.	0.	0.000	0.000	221.458
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-38.	0.	0.	0.	38.
1- 1	si	5	Tz	-38.	3.	0.	3.	38.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-30.	0.	-15.	15.	40.
PROGR.								

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		362.49742		0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-43.	0.	0.	0.	43.
1- 1	si	5	Tz	-43.	3.	0.	3.	43.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-34.	0.	-15.	15.	43.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (32- 33) 33 0.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1		MZ		MY	MT	N	TZ	TY
1- 1		362.49742		0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :								
1- 1	si	1	Sx	-43.	0.	0.	0.	43.
1- 1	si	5	Tz	-43.	3.	0.	3.	43.



1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-34.	0.	-15.	15.	43.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	460.79719	0.	0.	0.000	0.000	193.150			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-55.	0.	0.	0.	55.	
1-1	si	5	Tz	-55.	2.	0.	2.	55.	
1-1	si	9	Ty	0.	0.	-16.	16.	27.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	545.99033	0.	0.	0.000	0.000	165.558			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-65.	0.	0.	0.	65.	
1-1	si	5	Tz	-65.	2.	0.	2.	65.	
1-1	si	9	Ty	0.	0.	-14.	14.	23.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	618.07683	0.	0.	0.000	0.000	137.965			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-73.	0.	0.	0.	73.	
1-1	si	5	Tz	-73.	2.	0.	2.	73.	
1-1	si	9	Ty	0.	0.	-11.	11.	20.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	677.05669	0.	0.	0.000	0.000	110.372			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-80.	0.	0.	0.	80.	
1-1	si	5	Tz	-80.	1.	0.	1.	80.	
1-1	si	9	Ty	0.	0.	-9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	722.92992	0.	0.	0.000	0.000	82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-86.	0.	0.	0.	86.	
1-1	si	5	Tz	-86.	1.	0.	1.	86.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	755.69651	0.	0.	0.000	0.000	55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	1.	0.	1.	90.	
1-1	si	9	Ty	0.	0.	-5.	5.	8.	
								PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	775.35647	0.	0.	0.000	0.000	27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-92.	0.	0.	0.	92.	
1-1	si	5	Tz	-92.	0.	0.	0.	92.	
1-1	si	9	Ty	0.	0.	-2.	2.	4.	
								PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	781.90979	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-93.	0.	0.	0.	93.
1-1	si	5	Tz	-93.	0.	0.	0.	93.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1)	stato limite ultimo	- ASTA (33- 34)	34
			PROGR.
			0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	781.90979	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	1	Sx	Si	-93.	0.	0.	0.	93.	
1-1	si	5	Tz		-93.	0.	0.	0.	93.	
1-1	si	9	Ty		0.	0.	0.	0.	0.	
									PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	775.35647	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si		
1-1	si	1	Sx	-92.	0.	0.	0.	92.		
1-1	si	5	Tz	-92.	0.	0.	0.	92.		
1-1	si	9	Ty	0.	0.	2.	2.	4.		
									PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	755.69651	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si		
1-1	si	1	Sx	-90.	0.	0.	0.	90.		
1-1	si	5	Tz	-90.	-1.	0.	1.	90.		
1-1	si	9	Ty	0.	0.	5.	5.	8.		
									PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	722.92992	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si		
1-1	si	1	Sx	-86.	0.	0.	0.	86.		
1-1	si	5	Tz	-86.	-1.	0.	1.	86.		
1-1	si	9	Ty	0.	0.	7.	7.	12.		
									PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	677.05669	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si		
1-1	si	1	Sx	-80.	0.	0.	0.	80.		
1-1	si	5	Tz	-80.	-1.	0.	1.	80.		
1-1	si	9	Ty	0.	0.	9.	9.	16.		
									PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	618.07683	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si		
1-1	si	1	Sx	-73.	0.	0.	0.	73.		
1-1	si	5	Tz	-73.	-2.	0.	2.	73.		
1-1	si	9	Ty	0.	0.	11.	11.	20.		
									PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	545.99033	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si		
1-1	si	1	Sx	-65.	0.	0.	0.	65.		
1-1	si	5	Tz	-65.	-2.	0.	2.	65.		
1-1	si	9	Ty	0.	0.	14.	14.	23.		
									PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	460.79719	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si		
1-1	si	1	Sx	-55.	0.	0.	0.	55.		
1-1	si	5	Tz	-55.	-2.	0.	2.	55.		
1-1	si	9	Ty	0.	0.	16.	16.	27.		
									PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	362.49742	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-43.	0.	0.	0.	43.
1-1	si	5	Tz	-43.	-3.	0.	3.	43.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-34.	0.	15.	15.	43.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (34- 35) 35

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	362.49742	0.	0.	0.000	0.000	-220.743



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-43.	0.	0.	0.	43.	
1-1	si	5	Tz	-43.	-3.	0.	3.	43.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-34.	0.	15.	15.	43.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	321.04100	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-38.	0.	0.	0.	38.	
1-1	si	5	Tz	-38.	-3.	0.	3.	38.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-30.	0.	15.	15.	40.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	279.45051	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-33.	0.	0.	0.	33.	
1-1	si	5	Tz	-33.	-3.	0.	3.	33.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-26.	0.	15.	15.	37.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	237.72596	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-28.	0.	0.	0.	28.	
1-1	si	5	Tz	-28.	-3.	0.	3.	29.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-23.	0.	15.	15.	35.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	195.86732	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-23.	0.	0.	0.	23.	
1-1	si	5	Tz	-23.	-3.	0.	3.	24.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-19.	0.	15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	153.87462	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-18.	0.	0.	0.	18.	
1-1	si	5	Tz	-18.	-3.	0.	3.	19.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	111.74785	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-13.	0.	0.	0.	13.	
1-1	si	5	Tz	-13.	-3.	0.	3.	14.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	69.48700	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-8.	0.	0.	0.	8.	
1-1	si	5	Tz	-8.	-3.	0.	3.	10.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.09208	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-3.	0.	0.	0.	3.
1-1	si	5	Tz	-3.	-3.	0.	3.	6.
1-1	si	9	Ty	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



P_HEM650_S001 (1)		stato limite ultimo - ASTA (38- 39)		42	
		-----		PROGR. 0.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	35.07286	0.	0.	0.000	226.464
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-4.	0.
1- 1	si	5	Tz	-4.	3.
1- 1	si	9	TySi	0.	0.

				Ty	Tau tot.
				0.	0.
				-18.	18.
				0.	32.
				PROGR. 19.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	77.46778	0.	0.	0.000	225.749
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-9.	0.
1- 1	si	5	Tz	-9.	3.
1- 1	si	9	TySi	0.	0.

				Ty	Tau tot.
				0.	0.
				-18.	18.
				0.	32.
				PROGR. 38.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	119.72863	0.	0.	0.000	225.034
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-14.	0.
1- 1	si	5	Tz	-14.	3.
1- 1	si	9	TySi	0.	0.

				Ty	Tau tot.
				0.	0.
				-18.	18.
				0.	32.
				PROGR. 56.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	161.85540	0.	0.	0.000	224.319
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-19.	0.
1- 1	si	5	Tz	-19.	3.
1- 1	si	9	TySi	0.	0.

				Ty	Tau tot.
				0.	0.
				-18.	18.
				0.	32.
				PROGR. 75.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	203.84811	0.	0.	0.000	223.604
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-24.	0.
1- 1	si	5	Tz	-24.	3.
1- 1	si	9	Ty	0.	0.
1- 1	si	11	Si	-19.	0.

				Ty	Tau tot.
				-18.	18.
				-15.	15.
				PROGR. 94.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	245.70674	0.	0.	0.000	222.889
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-29.	0.
1- 1	si	5	Tz	-29.	3.
1- 1	si	9	Ty	0.	0.
1- 1	si	11	Si	-23.	0.

				Ty	Tau tot.
				-18.	18.
				-15.	15.
				PROGR. 112.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	287.43130	0.	0.	0.000	222.173
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-34.	0.
1- 1	si	5	Tz	-34.	3.
1- 1	si	9	Ty	0.	0.
1- 1	si	11	Si	-27.	0.

				Ty	Tau tot.
				-18.	18.
				-15.	15.
				PROGR. 131.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	329.02178	0.	0.	0.000	221.458
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-39.	0.
1- 1	si	5	Tz	-39.	3.
1- 1	si	9	Ty	0.	0.
1- 1	si	11	Si	-31.	0.

				Ty	Tau tot.
				-18.	18.
				-15.	15.
				PROGR. 150.	
SOLLECITAZIONI :					
Caso	MZ	MY	MT	N	TY
1- 1	370.47820	0.	0.	0.000	220.743
TENSIONI (Sz= 0.0) :					
Caso	Ve	No	massimi	Sx	Tz
1- 1	si	1	Sx	-44.	0.



1- 1 si 5 Tz Si	-44.	3.	0.	3.	44.
1- 1 si 9 Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (39- 40) 43
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.47820	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-44.	0.	0.	0.	44.
1- 1 si 5 Tz Si				-44.	3.	0.	3.	44.
1- 1 si 9 Ty				0.	0.	-18.	18.	31.

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	468.77797	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-56.	0.	0.	0.	56.
1- 1 si 5 Tz Si				-56.	2.	0.	2.	56.
1- 1 si 9 Ty				0.	0.	-16.	16.	27.

PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	553.97111	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-66.	0.	0.	0.	66.
1- 1 si 5 Tz Si				-66.	2.	0.	2.	66.
1- 1 si 9 Ty				0.	0.	-14.	14.	23.

PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.05761	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-74.	0.	0.	0.	74.
1- 1 si 5 Tz Si				-74.	2.	0.	2.	74.
1- 1 si 9 Ty				0.	0.	-11.	11.	20.

PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.03747	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-81.	0.	0.	0.	81.
1- 1 si 5 Tz Si				-81.	1.	0.	1.	81.
1- 1 si 9 Ty				0.	0.	-9.	9.	16.

PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	730.91070	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-87.	0.	0.	0.	87.
1- 1 si 5 Tz Si				-87.	1.	0.	1.	87.
1- 1 si 9 Ty				0.	0.	-7.	7.	12.

PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.67729	0.	0.	0.000	0.000	55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-90.	0.	0.	0.	90.
1- 1 si 5 Tz Si				-90.	1.	0.	1.	90.
1- 1 si 9 Ty				0.	0.	-5.	5.	8.

PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.33725	0.	0.	0.000	0.000	27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-93.	0.	0.	0.	93.
1- 1 si 5 Tz Si				-93.	0.	0.	0.	93.
1- 1 si 9 Ty				0.	0.	-2.	2.	4.

PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	789.89057	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	1	Sx	Si	-94.	0.	0.	0.	94.
1-1	si	5	Tz		-94.	0.	0.	0.	94.
1-1	si	9	Ty		0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (40- 41) 44
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	789.89057	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-94.	0.	0.	94.
1-1	si	5	Tz	Si	-94.	0.	0.	94.
1-1	si	9	Ty		0.	0.	0.	0.

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	783.33725	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-93.	0.	0.	93.
1-1	si	5	Tz	Si	-93.	0.	0.	93.
1-1	si	9	Ty		0.	2.	2.	4.

PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	763.67729	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-90.	0.	0.	90.
1-1	si	5	Tz	Si	-90.	-1.	0.	90.
1-1	si	9	Ty		0.	5.	5.	8.

PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	730.91070	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-87.	0.	0.	87.
1-1	si	5	Tz	Si	-87.	-1.	0.	87.
1-1	si	9	Ty		0.	7.	7.	12.

PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	685.03747	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-81.	0.	0.	81.
1-1	si	5	Tz	Si	-81.	-1.	0.	81.
1-1	si	9	Ty		0.	9.	9.	16.

PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	626.05761	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-74.	0.	0.	74.
1-1	si	5	Tz	Si	-74.	-2.	0.	74.
1-1	si	9	Ty		0.	11.	11.	20.

PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	553.97111	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-66.	0.	0.	66.
1-1	si	5	Tz	Si	-66.	-2.	0.	66.
1-1	si	9	Ty		0.	14.	14.	23.

PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	468.77797	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	Si	-56.	0.	0.	56.
1-1	si	5	Tz	Si	-56.	-2.	0.	56.
1-1	si	9	Ty		0.	16.	16.	27.

PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.47820	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :



Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (41- 42) 45
PROGR. 0.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-220.743
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.

PROGR. 19.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-221.458
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-39.	0.	0.	0.	39.
1-1	si	5	Tz	-39.	-3.	0.	3.	39.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-31.	0.	15.	15.	41.

PROGR. 37.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-222.173
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-34.	0.	0.	0.	34.
1-1	si	5	Tz	-34.	-3.	0.	3.	34.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-27.	0.	15.	15.	38.

PROGR. 56.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-222.889
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-29.	0.	0.	0.	29.
1-1	si	5	Tz	-29.	-3.	0.	3.	30.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-23.	0.	15.	15.	35.

PROGR. 75.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-223.604
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-24.	0.	0.	0.	24.
1-1	si	5	Tz	-24.	-3.	0.	3.	25.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-19.	0.	15.	15.	33.

PROGR. 94.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-224.319
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	-3.	0.	3.	20.
1-1	si	9	Ty	0.	0.	18.	18.	32.

PROGR. 112.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-225.034
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	-3.	0.	3.	15.
1-1	si	9	Ty	0.	0.	18.	18.	32.

PROGR. 131.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	0.	0.	0.000	0.000	-225.749
TENSIONI (Sz= 0.0) :								
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	-3.	0.	3.	10.
1-1	si	9	Ty	0.	0.	18.	18.	32.



----- PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	35.07286	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.	0.	0.	0.	4.
1- 1	si	5	Tz	-4.	-3.	0.	3.	7.
1- 1	si	9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (45- 46) 48
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	35.07286	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.	0.	0.	0.	4.
1- 1	si	5	Tz	-4.	3.	0.	3.	7.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	77.46778	0.	0.	0.000	0.000	225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	3.	0.	3.	10.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.

----- PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	119.72863	0.	0.	0.000	0.000	225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	3.	0.	3.	15.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	161.85540	0.	0.	0.000	0.000	224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	3.	0.	3.	20.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	203.84811	0.	0.	0.000	0.000	223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-19.	0.	-15.	15.	33.

----- PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	245.70674	0.	0.	0.000	0.000	222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-23.	0.	-15.	15.	35.

----- PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.43130	0.	0.	0.000	0.000	222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-34.	0.	0.	0.	34.
1- 1	si	5	Tz	-34.	3.	0.	3.	34.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-27.	0.	-15.	15.	38.

----- PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.02178	0.	0.	0.000	0.000	221.458

TENSIONI (Sz= 0.0) :



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-39.	0.	0.	0.	39.	
1-1	si	5	Tz	-39.	3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-31.	0.	-15.	15.	41.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.47820	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (46- 47) 49 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.47820	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	-18.	18.	31.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	468.77797	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-56.	0.	0.	0.	56.
1-1	si	5	Tz	-56.	2.	0.	2.	56.
1-1	si	9	Ty	0.	0.	-16.	16.	27.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	553.97111	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-66.	0.	0.	0.	66.
1-1	si	5	Tz	-66.	2.	0.	2.	66.
1-1	si	9	Ty	0.	0.	-14.	14.	23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	626.05761	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-74.	0.	0.	0.	74.
1-1	si	5	Tz	-74.	2.	0.	2.	74.
1-1	si	9	Ty	0.	0.	-11.	11.	20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	685.03747	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-81.	0.	0.	0.	81.
1-1	si	5	Tz	-81.	1.	0.	1.	81.
1-1	si	9	Ty	0.	0.	-9.	9.	16.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	730.91070	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-87.	0.	0.	0.	87.
1-1	si	5	Tz	-87.	1.	0.	1.	87.
1-1	si	9	Ty	0.	0.	-7.	7.	12.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	763.67729	0.	0.	0.000	0.000	55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-90.	0.	0.	0.	90.
1-1	si	5	Tz	-90.	1.	0.	1.	90.
1-1	si	9	Ty	0.	0.	-5.	5.	8.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	763.67729	0.	0.	0.000	0.000	55.186



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	783.33725	0.	0.	0.000	0.000	27.593
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-93.	0.	0.	0.	93.
1- 1 si 5	Tz	-93.	0.	0.	0.	93.
1- 1 si 9	Ty	0.	0.	-2.	2.	4.
						PROGR. 380.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	789.89057	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-94.	0.	0.	0.	94.
1- 1 si 5	Tz	-94.	0.	0.	0.	94.
1- 1 si 9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (47- 48) 50
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	789.89057	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-94.	0.	0.	0.	94.
1- 1 si 5	Tz	-94.	0.	0.	0.	94.
1- 1 si 9	Ty	0.	0.	0.	0.	0.
						PROGR. 48.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.33725	0.	0.	0.000	0.000	-27.593
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-93.	0.	0.	0.	93.
1- 1 si 5	Tz	-93.	0.	0.	0.	93.
1- 1 si 9	Ty	0.	0.	2.	2.	4.
						PROGR. 95.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.67729	0.	0.	0.000	0.000	-55.186
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-90.	0.	0.	0.	90.
1- 1 si 5	Tz	-90.	-1.	0.	1.	90.
1- 1 si 9	Ty	0.	0.	5.	5.	8.
						PROGR. 142.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	730.91070	0.	0.	0.000	0.000	-82.779
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-87.	0.	0.	0.	87.
1- 1 si 5	Tz	-87.	-1.	0.	1.	87.
1- 1 si 9	Ty	0.	0.	7.	7.	12.
						PROGR. 190.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.03747	0.	0.	0.000	0.000	-110.372
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-81.	0.	0.	0.	81.
1- 1 si 5	Tz	-81.	-1.	0.	1.	81.
1- 1 si 9	Ty	0.	0.	9.	9.	16.
						PROGR. 238.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.05761	0.	0.	0.000	0.000	-137.965
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-74.	0.	0.	0.	74.
1- 1 si 5	Tz	-74.	-2.	0.	2.	74.
1- 1 si 9	Ty	0.	0.	11.	11.	20.
						PROGR. 285.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	553.97111	0.	0.	0.000	0.000	-165.558
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-66.	0.	0.	0.	66.
1- 1 si 5	Tz	-66.	-2.	0.	2.	66.
1- 1 si 9	Ty	0.	0.	14.	14.	23.
						PROGR. 332.

SOLLECITAZIONI :



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		468.77797	0.	0.	0.000	0.000	-193.150	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz	-56.	-2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	16.	16.	27.
							PROGR.	380.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		370.47820	0.	0.	0.000	0.000	-220.743	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (48- 49) 51 0.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		370.47820	0.	0.	0.000	0.000	-220.743	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
							PROGR.	19.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		329.02178	0.	0.	0.000	0.000	-221.458	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-39.	0.	0.	0.	39.
1- 1	si	5	Tz	-39.	-3.	0.	3.	39.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-31.	0.	15.	15.	41.
							PROGR.	38.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		287.43130	0.	0.	0.000	0.000	-222.173	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-34.	0.	0.	0.	34.
1- 1	si	5	Tz	-34.	-3.	0.	3.	34.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-27.	0.	15.	15.	38.
							PROGR.	56.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		245.70674	0.	0.	0.000	0.000	-222.889	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	-3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-23.	0.	15.	15.	35.
							PROGR.	75.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		203.84811	0.	0.	0.000	0.000	-223.604	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	-3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-19.	0.	15.	15.	33.
							PROGR.	94.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		161.85540	0.	0.	0.000	0.000	-224.319	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	-3.	0.	3.	20.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
							PROGR.	112.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		119.72863	0.	0.	0.000	0.000	-225.034	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	-3.	0.	3.	15.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.46778	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	-3.	0.	3.	10.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.07286	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	-3.	0.	3.	7.
1-1	si	9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (56- 57) 62
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.36375	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-4.	0.	0.	0.	4.	
1-1	si	5	Tz	-4.	3.	0.	3.	7.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.75867	0.	0.	0.000	0.000	225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	3.	0.	3.	10.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	120.01952	0.	0.	0.000	0.000	225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	3.	0.	3.	15.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	162.14629	0.	0.	0.000	0.000	224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-19.	0.	0.	0.	19.	
1-1	si	5	Tz	-19.	3.	0.	3.	20.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	204.13899	0.	0.	0.000	0.000	223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-24.	0.	0.	0.	24.	
1-1	si	5	Tz	-24.	3.	0.	3.	25.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
1-1	si	11	Si	-19.	0.	-15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	245.99763	0.	0.	0.000	0.000	222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-29.	0.	0.	0.	29.	
1-1	si	5	Tz	-29.	3.	0.	3.	30.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
1-1	si	11	Si	-23.	0.	-15.	15.	35.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	287.72218	0.	0.	0.000	0.000	222.173
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-34.	0.	0.	0.	34.
1- 1 si 5	Tz	-34.	3.	0.	3.	34.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-27.	0.	-15.	15.	38.
						PROGR.
						131.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.31267	0.	0.	0.000	0.000	221.458
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-39.	0.	0.	0.	39.
1- 1 si 5	Tz	-39.	3.	0.	3.	39.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-31.	0.	-15.	15.	41.
						PROGR.
						150.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.76909	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-44.	0.	0.	0.	44.
1- 1 si 5	Tz	-44.	3.	0.	3.	44.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (57- 58) 63 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.76909	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-44.	0.	0.	0.	44.
1- 1 si 5	Tz	-44.	3.	0.	3.	44.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
						PROGR.
						48.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.06886	0.	0.	0.000	0.000	193.150
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-56.	0.	0.	0.	56.
1- 1 si 5	Tz	-56.	2.	0.	2.	56.
1- 1 si 9	Ty	0.	0.	-16.	16.	27.
						PROGR.
						95.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.26200	0.	0.	0.000	0.000	165.558
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-66.	0.	0.	0.	66.
1- 1 si 5	Tz	-66.	2.	0.	2.	66.
1- 1 si 9	Ty	0.	0.	-14.	14.	23.
						PROGR.
						142.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.34850	0.	0.	0.000	0.000	137.965
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-74.	0.	0.	0.	74.
1- 1 si 5	Tz	-74.	2.	0.	2.	74.
1- 1 si 9	Ty	0.	0.	-11.	11.	20.
						PROGR.
						190.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.32836	0.	0.	0.000	0.000	110.372
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-81.	0.	0.	0.	81.
1- 1 si 5	Tz	-81.	1.	0.	1.	81.
1- 1 si 9	Ty	0.	0.	-9.	9.	16.
						PROGR.
						238.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	731.20159	0.	0.	0.000	0.000	82.779
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-87.	0.	0.	0.	87.
1- 1 si 5	Tz	-87.	1.	0.	1.	87.
1- 1 si 9	Ty	0.	0.	-7.	7.	12.



----- PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.96818	0.	0.	0.000	0.000	55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz	-90.	1.	0.	1.	91.
1- 1	si	9	Ty	0.	0.	-5.	5.	8.

----- PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.62814	0.	0.	0.000	0.000	27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-93.	0.	0.	0.	93.
1- 1	si	5	Tz	-93.	0.	0.	0.	93.
1- 1	si	9	Ty	0.	0.	-2.	2.	4.

----- PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	790.18146	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-94.	0.	0.	0.	94.
1- 1	si	5	Tz	-94.	0.	0.	0.	94.
1- 1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (58- 59) 64 0.

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	790.18146	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-94.	0.	0.	0.	94.
1- 1	si	5	Tz	-94.	0.	0.	0.	94.
1- 1	si	9	Ty	0.	0.	0.	0.	0.

----- PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.62814	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-93.	0.	0.	0.	93.
1- 1	si	5	Tz	-93.	0.	0.	0.	93.
1- 1	si	9	Ty	0.	0.	2.	2.	4.

----- PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.96818	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz	-90.	-1.	0.	1.	91.
1- 1	si	9	Ty	0.	0.	5.	5.	8.

----- PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	731.20159	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-87.	0.	0.	0.	87.
1- 1	si	5	Tz	-87.	-1.	0.	1.	87.
1- 1	si	9	Ty	0.	0.	7.	7.	12.

----- PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.32836	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-81.	0.	0.	0.	81.
1- 1	si	5	Tz	-81.	-1.	0.	1.	81.
1- 1	si	9	Ty	0.	0.	9.	9.	16.

----- PROGR. 74.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.34850	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-74.	0.	0.	0.	74.
1- 1	si	5	Tz	-74.	-2.	0.	2.	74.



1- 1 si 9	Ty	0.	0.	11.	11.	20.	
						PROGR.	285.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	554.26200	0.	0.	0.000	0.000	-165.558	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-66.	0.	0.	0.	66.	
1- 1 si 5	Tz Si	-66.	-2.	0.	2.	66.	
1- 1 si 9	Ty	0.	0.	14.	14.	23.	
						PROGR.	332.

1- 1	469.06886	0.	0.	0.000	0.000	-193.150	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-56.	0.	0.	0.	56.	
1- 1 si 5	Tz Si	-56.	-2.	0.	2.	56.	
1- 1 si 9	Ty	0.	0.	16.	16.	27.	
						PROGR.	380.

1- 1	370.76909	0.	0.	0.000	0.000	-220.743	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-44.	0.	0.	0.	44.	
1- 1 si 5	Tz Si	-44.	-3.	0.	3.	44.	
1- 1 si 9	Ty	0.	0.	18.	18.	31.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (59- 60) 65 0.

1- 1	370.76909	0.	0.	0.000	0.000	-220.743	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-44.	0.	0.	0.	44.	
1- 1 si 5	Tz Si	-44.	-3.	0.	3.	44.	
1- 1 si 9	Ty	0.	0.	18.	18.	31.	
						PROGR.	19.

1- 1	329.31267	0.	0.	0.000	0.000	-221.458	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-39.	0.	0.	0.	39.	
1- 1 si 5	Tz Si	-39.	-3.	0.	3.	39.	
1- 1 si 9	Ty	0.	0.	18.	18.	31.	
1- 1 si 11	Si	-31.	0.	15.	15.	41.	
						PROGR.	37.

1- 1	287.72218	0.	0.	0.000	0.000	-222.173	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-34.	0.	0.	0.	34.	
1- 1 si 5	Tz Si	-34.	-3.	0.	3.	34.	
1- 1 si 9	Ty	0.	0.	18.	18.	31.	
1- 1 si 11	Si	-27.	0.	15.	15.	38.	
						PROGR.	56.

1- 1	245.99763	0.	0.	0.000	0.000	-222.889	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-29.	0.	0.	0.	29.	
1- 1 si 5	Tz Si	-29.	-3.	0.	3.	30.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
1- 1 si 11	Si	-23.	0.	15.	15.	35.	
						PROGR.	75.

1- 1	204.13899	0.	0.	0.000	0.000	-223.604	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-24.	0.	0.	0.	24.	
1- 1 si 5	Tz Si	-24.	-3.	0.	3.	25.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
1- 1 si 11	Si	-19.	0.	15.	15.	33.	
						PROGR.	94.

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	162.14629	0.	0.	0.000	0.000	-224.319
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-19.	0.	0.	0.	19.
1- 1 si 5	Tz	-19.	-3.	0.	3.	20.
1- 1 si 9	TySi	0.	0.	18.	18.	32.
						PROGR. 112.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.01952	0.	0.	0.000	0.000	-225.034
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-14.	0.	0.	0.	14.
1- 1 si 5	Tz	-14.	-3.	0.	3.	15.
1- 1 si 9	TySi	0.	0.	18.	18.	32.
						PROGR. 131.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	77.75867	0.	0.	0.000	0.000	-225.749
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-9.	0.	0.	0.	9.
1- 1 si 5	Tz	-9.	-3.	0.	3.	10.
1- 1 si 9	TySi	0.	0.	18.	18.	32.
						PROGR. 150.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	35.36375	0.	0.	0.000	0.000	-226.464
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-4.	0.	0.	0.	4.
1- 1 si 5	Tz	-4.	-3.	0.	3.	7.
1- 1 si 9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (63- 64) 68 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	35.36375	0.	0.	0.000	0.000	226.464
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-4.	0.	0.	0.	4.
1- 1 si 5	Tz	-4.	3.	0.	3.	7.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 19.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	77.75867	0.	0.	0.000	0.000	225.749
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-9.	0.	0.	0.	9.
1- 1 si 5	Tz	-9.	3.	0.	3.	10.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 38.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.01952	0.	0.	0.000	0.000	225.034
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-14.	0.	0.	0.	14.
1- 1 si 5	Tz	-14.	3.	0.	3.	15.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.14629	0.	0.	0.000	0.000	224.319
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-19.	0.	0.	0.	19.
1- 1 si 5	Tz	-19.	3.	0.	3.	20.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 75.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.13899	0.	0.	0.000	0.000	223.604
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-24.	0.	0.	0.	24.
1- 1 si 5	Tz	-24.	3.	0.	3.	25.
1- 1 si 9	Ty	0.	0.	-18.	18.	32.
1- 1 si 11	Si	-19.	0.	-15.	15.	33.
						PROGR. 94.



SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	245.99763	0.	0.	0.000	0.000	222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-23.	0.	-15.	15.	35.
								PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.72218	0.	0.	0.000	0.000	222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-34.	0.	0.	0.	34.
1- 1	si	5	Tz	-34.	3.	0.	3.	34.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-27.	0.	-15.	15.	38.
								PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.31267	0.	0.	0.000	0.000	221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-39.	0.	0.	0.	39.
1- 1	si	5	Tz	-39.	3.	0.	3.	39.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-31.	0.	-15.	15.	41.
								PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.76909	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (64- 65) 69
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.76909	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
								PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.06886	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz	-56.	2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	-16.	16.	27.
								PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.26200	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-66.	0.	0.	0.	66.
1- 1	si	5	Tz	-66.	2.	0.	2.	66.
1- 1	si	9	Ty	0.	0.	-14.	14.	23.
								PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.34850	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-74.	0.	0.	0.	74.
1- 1	si	5	Tz	-74.	2.	0.	2.	74.
1- 1	si	9	Ty	0.	0.	-11.	11.	20.
								PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.32836	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx					
1- 1	si	5	Tz					
1- 1	si	9	Ty					



1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz	-81.	1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	-9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		731.20159		0.	0.	0.000	0.000	82.779	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	285.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		763.96818		0.	0.	0.000	0.000	55.186	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	-5.	5.	8.	
								PROGR.	332.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		783.62814		0.	0.	0.000	0.000	27.593	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	-2.	2.	4.	
								PROGR.	380.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
1-1		790.18146		0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1)	stato limite ultimo - ASTA (65- 66)	70	
		PROGR.	0.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		790.18146		0.	0.	0.000	0.000	0.000	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-94.	0.	0.	0.	94.	
1-1	si	5	Tz	-94.	0.	0.	0.	94.	
1-1	si	9	Ty	0.	0.	0.	0.	0.	
								PROGR.	48.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		783.62814		0.	0.	0.000	0.000	-27.593	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	2.	2.	4.	
								PROGR.	95.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		763.96818		0.	0.	0.000	0.000	-55.186	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	-1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	5.	5.	8.	
								PROGR.	142.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		731.20159		0.	0.	0.000	0.000	-82.779	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	-1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	7.	7.	12.	
								PROGR.	190.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
1-1		685.32836		0.	0.	0.000	0.000	-110.372
TENSIONI (Sz= 0.0) :								



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz Si	-81.	-1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	626.34850	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-74.	0.	0.	0.	74.	
1-1	si	5	Tz Si	-74.	-2.	0.	2.	74.	
1-1	si	9	Ty	0.	0.	11.	11.	20.	
								PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	554.26200	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz Si	-66.	-2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	14.	14.	23.	
								PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	469.06886	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-56.	0.	0.	0.	56.	
1-1	si	5	Tz Si	-56.	-2.	0.	2.	56.	
1-1	si	9	Ty	0.	0.	16.	16.	27.	
								PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.76909	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz Si	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (66- 67) 71
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.76909	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-44.	0.	0.	0.	44.	
1-1	si	5	Tz Si	-44.	-3.	0.	3.	44.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	329.31267	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-39.	0.	0.	0.	39.	
1-1	si	5	Tz Si	-39.	-3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-31.	0.	15.	15.	41.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	287.72218	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-34.	0.	0.	0.	34.	
1-1	si	5	Tz Si	-34.	-3.	0.	3.	34.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-27.	0.	15.	15.	38.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	245.99763	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-29.	0.	0.	0.	29.	
1-1	si	5	Tz Si	-29.	-3.	0.	3.	30.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-23.	0.	15.	15.	35.	
								PROGR.	75.



SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		204.13899		0.		0.		0.000	0.000	-223.604
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.		0.		0.	0.	24.
1- 1	si	5	Tz	-24.		-3.		0.	3.	25.
1- 1	si	9	Ty	0.		0.		18.	18.	32.
1- 1	si	11	Si	-19.		0.		15.	15.	33.
PROGR. 94.										

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		162.14629		0.		0.		0.000	0.000	-224.319
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.		0.		0.	0.	19.
1- 1	si	5	Tz	-19.		-3.		0.	3.	20.
1- 1	si	9	TySi	0.		0.		18.	18.	32.
PROGR. 112.										

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		120.01952		0.		0.		0.000	0.000	-225.034
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.		0.		0.	0.	14.
1- 1	si	5	Tz	-14.		-3.		0.	3.	15.
1- 1	si	9	TySi	0.		0.		18.	18.	32.
PROGR. 131.										

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		77.75867		0.		0.		0.000	0.000	-225.749
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.		0.		0.	0.	9.
1- 1	si	5	Tz	-9.		-3.		0.	3.	10.
1- 1	si	9	TySi	0.		0.		18.	18.	32.
PROGR. 150.										

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		35.36375		0.		0.		0.000	0.000	-226.464
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.		0.		0.	0.	4.
1- 1	si	5	Tz	-4.		-3.		0.	3.	7.
1- 1	si	9	TySi	0.		0.		18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (70- 71) 78
PROGR. 0.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		35.37435		0.		0.		0.000	0.000	226.464
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.		0.		0.	0.	4.
1- 1	si	5	Tz	-4.		3.		0.	3.	7.
1- 1	si	9	TySi	0.		0.		-18.	18.	32.
PROGR. 19.										

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		77.76927		0.		0.		0.000	0.000	225.749
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.		0.		0.	0.	9.
1- 1	si	5	Tz	-9.		3.		0.	3.	10.
1- 1	si	9	TySi	0.		0.		-18.	18.	32.
PROGR. 38.										

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		120.03012		0.		0.		0.000	0.000	225.034
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.		0.		0.	0.	14.
1- 1	si	5	Tz	-14.		3.		0.	3.	15.
1- 1	si	9	TySi	0.		0.		-18.	18.	32.
PROGR. 56.										

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
1- 1		162.15689		0.		0.		0.000	0.000	224.319
TENSIONI (Sz= 0.0) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.		0.		0.	0.	19.
1- 1	si	5	Tz	-19.		3.		0.	3.	20.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	9	Ty	Si	0.	0.	-18.	18.	32.
									PROGR. 75.

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			204.14960		0.		0.		0.000	0.000	223.604
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-24.		0.		0.	0.	24.
1-1	si	5	Tz		-24.		3.		0.	3.	25.
1-1	si	9	Ty		0.		0.		-18.	18.	32.
1-1	si	11	Si		-19.		0.		-15.	15.	33.
										PROGR. 94.	

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			246.00823		0.		0.		0.000	0.000	222.889
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-29.		0.		0.	0.	29.
1-1	si	5	Tz		-29.		3.		0.	3.	30.
1-1	si	9	Ty		0.		0.		-18.	18.	32.
1-1	si	11	Si		-23.		0.		-15.	15.	35.
										PROGR. 112.	

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			287.73279		0.		0.		0.000	0.000	222.173
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-34.		0.		0.	0.	34.
1-1	si	5	Tz		-34.		3.		0.	3.	34.
1-1	si	9	Ty		0.		0.		-18.	18.	31.
1-1	si	11	Si		-27.		0.		-15.	15.	38.
										PROGR. 131.	

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			329.32327		0.		0.		0.000	0.000	221.458
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-39.		0.		0.	0.	39.
1-1	si	5	Tz		-39.		3.		0.	3.	39.
1-1	si	9	Ty		0.		0.		-18.	18.	31.
1-1	si	11	Si		-31.		0.		-15.	15.	41.
										PROGR. 150.	

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			370.77969		0.		0.		0.000	0.000	220.743
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-44.		0.		0.	0.	44.
1-1	si	5	Tz	Si	-44.		3.		0.	3.	44.
1-1	si	9	Ty		0.		0.		-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1)	stato limite ultimo	- ASTA (71- 72)	79
			PROGR. 0.

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			370.77969		0.		0.		0.000	0.000	220.743
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-44.		0.		0.	0.	44.
1-1	si	5	Tz	Si	-44.		3.		0.	3.	44.
1-1	si	9	Ty		0.		0.		-18.	18.	31.
										PROGR. 48.	

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			469.07946		0.		0.		0.000	0.000	193.150
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-56.		0.		0.	0.	56.
1-1	si	5	Tz	Si	-56.		2.		0.	2.	56.
1-1	si	9	Ty		0.		0.		-16.	16.	27.
										PROGR. 95.	

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY
1-1			554.27260		0.		0.		0.000	0.000	165.558
TENSIONI (Sz= 0.0) :											
Caso	Ve	No	massimi		Sx		Tz		Ty	Tau tot.	Si
1-1	si	1	Sx		-66.		0.		0.	0.	66.
1-1	si	5	Tz	Si	-66.		2.		0.	2.	66.
1-1	si	9	Ty		0.		0.		-14.	14.	23.
										PROGR. 142.	

SOLLECITAZIONI :											
Caso			MZ		MY		MT		N	TZ	TY



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	626.35910	0.	0.	0.000	0.000	137.965
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-74.	0.	0.	0.	74.
1- 1 si 5 Tz	Si	-74.	2.	0.	2.	74.
1- 1 si 9 Ty		0.	0.	-11.	11.	20.
						PROGR.
						190.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.33897	0.	0.	0.000	0.000	110.372
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-81.	0.	0.	0.	81.
1- 1 si 5 Tz	Si	-81.	1.	0.	1.	81.
1- 1 si 9 Ty		0.	0.	-9.	9.	16.
						PROGR.
						238.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	731.21219	0.	0.	0.000	0.000	82.779
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-87.	0.	0.	0.	87.
1- 1 si 5 Tz	Si	-87.	1.	0.	1.	87.
1- 1 si 9 Ty		0.	0.	-7.	7.	12.
						PROGR.
						285.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.97878	0.	0.	0.000	0.000	55.186
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-90.	0.	0.	0.	90.
1- 1 si 5 Tz	Si	-90.	1.	0.	1.	91.
1- 1 si 9 Ty		0.	0.	-5.	5.	8.
						PROGR.
						332.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.63874	0.	0.	0.000	0.000	27.593
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-93.	0.	0.	0.	93.
1- 1 si 5 Tz	Si	-93.	0.	0.	0.	93.
1- 1 si 9 Ty		0.	0.	-2.	2.	4.
						PROGR.
						380.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	790.19206	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si	-94.	0.	0.	0.	94.
1- 1 si 5 Tz		-94.	0.	0.	0.	94.
1- 1 si 9 Ty		0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (72- 73) 80
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	790.19206	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si	-94.	0.	0.	0.	94.
1- 1 si 5 Tz		-94.	0.	0.	0.	94.
1- 1 si 9 Ty		0.	0.	0.	0.	0.
						PROGR.
						48.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.63874	0.	0.	0.000	0.000	-27.593
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-93.	0.	0.	0.	93.
1- 1 si 5 Tz	Si	-93.	0.	0.	0.	93.
1- 1 si 9 Ty		0.	0.	2.	2.	4.
						PROGR.
						95.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.97878	0.	0.	0.000	0.000	-55.186
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-90.	0.	0.	0.	90.
1- 1 si 5 Tz	Si	-90.	-1.	0.	1.	91.
1- 1 si 9 Ty		0.	0.	5.	5.	8.
						PROGR.
						142.

SOLLECITAZIONI :



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	731.21219	0.0	-87.	0.	0.	0.	87.
1- 1	si	5			-87.	-1.	0.	1.	87.
1- 1	si	9			0.	0.	7.	7.	12.
-----									190.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	685.33897	0.0	-81.	0.	0.	0.	81.
1- 1	si	5			-81.	-1.	0.	1.	81.
1- 1	si	9			0.	0.	9.	9.	16.
-----									238.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	626.35910	0.0	-74.	0.	0.	0.	74.
1- 1	si	5			-74.	-2.	0.	2.	74.
1- 1	si	9			0.	0.	11.	11.	20.
-----									285.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	554.27260	0.0	-66.	0.	0.	0.	66.
1- 1	si	5			-66.	-2.	0.	2.	66.
1- 1	si	9			0.	0.	14.	14.	23.
-----									332.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	469.07946	0.0	-56.	0.	0.	0.	56.
1- 1	si	5			-56.	-2.	0.	2.	56.
1- 1	si	9			0.	0.	16.	16.	27.
-----									380.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	370.77969	0.0	-44.	0.	0.	0.	44.
1- 1	si	5			-44.	-3.	0.	3.	44.
1- 1	si	9			0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (73- 74) 81
----- 0.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	370.77969	0.0	-44.	0.	0.	0.	44.
1- 1	si	5			-44.	-3.	0.	3.	44.
1- 1	si	9			0.	0.	18.	18.	31.
-----									19.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	329.32327	0.0	-39.	0.	0.	0.	39.
1- 1	si	5			-39.	-3.	0.	3.	39.
1- 1	si	9			0.	0.	18.	18.	31.
1- 1	si	11			-31.	0.	15.	15.	41.
-----									37.

SOLLECITAZIONI :

Caso	Ve	No	MZ	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	287.73279	0.0	-34.	0.	0.	0.	34.
1- 1	si	5			-34.	-3.	0.	3.	34.
1- 1	si	9			0.	0.	18.	18.	31.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1 si 11	Si	-27.	0.	15.	15.	38.	
						PROGR.	56.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	246.00823	0.	0.	0.000	0.000	-222.889	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-29.	0.	0.	0.	29.	
1- 1 si 5	Tz	-29.	-3.	0.	3.	30.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
1- 1 si 11	Si	-23.	0.	15.	15.	35.	
						PROGR.	75.

1- 1	204.14960	0.	0.	0.000	0.000	-223.604	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-24.	0.	0.	0.	24.	
1- 1 si 5	Tz	-24.	-3.	0.	3.	25.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
1- 1 si 11	Si	-19.	0.	15.	15.	33.	
						PROGR.	94.

1- 1	162.15689	0.	0.	0.000	0.000	-224.319	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-19.	0.	0.	0.	19.	
1- 1 si 5	Tz	-19.	-3.	0.	3.	20.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
						PROGR.	112.

1- 1	120.03012	0.	0.	0.000	0.000	-225.034	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-14.	0.	0.	0.	14.	
1- 1 si 5	Tz	-14.	-3.	0.	3.	15.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
						PROGR.	131.

1- 1	77.76927	0.	0.	0.000	0.000	-225.749	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-9.	0.	0.	0.	9.	
1- 1 si 5	Tz	-9.	-3.	0.	3.	10.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
						PROGR.	150.

1- 1	35.37435	0.	0.	0.000	0.000	-226.464	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-4.	0.	0.	0.	4.	
1- 1 si 5	Tz	-4.	-3.	0.	3.	7.	
1- 1 si 9	Ty	0.	0.	18.	18.	32.	
						PROGR.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (77- 78) 84
PROGR. 0.

1- 1	35.37435	0.	0.	0.000	0.000	226.464	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-4.	0.	0.	0.	4.	
1- 1 si 5	Tz	-4.	3.	0.	3.	7.	
1- 1 si 9	Ty	0.	0.	-18.	18.	32.	
						PROGR.	19.

1- 1	77.76927	0.	0.	0.000	0.000	225.749	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-9.	0.	0.	0.	9.	
1- 1 si 5	Tz	-9.	3.	0.	3.	10.	
1- 1 si 9	Ty	0.	0.	-18.	18.	32.	
						PROGR.	38.

1- 1	120.03012	0.	0.	0.000	0.000	225.034	
TENSIONI (Sz= 0.0) :							



Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-14.	0.	0.	0.	14.	
1- 1	si	5	Tz	-14.	3.	0.	3.	15.	
1- 1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.15689	0.	0.	0.000	0.000	224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-19.	0.	0.	0.	19.	
1- 1	si	5	Tz	-19.	3.	0.	3.	20.	
1- 1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.14960	0.	0.	0.000	0.000	223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-24.	0.	0.	0.	24.	
1- 1	si	5	Tz	-24.	3.	0.	3.	25.	
1- 1	si	9	Ty	0.	0.	-18.	18.	32.	
1- 1	si	11	Si	-19.	0.	-15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	246.00823	0.	0.	0.000	0.000	222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-29.	0.	0.	0.	29.	
1- 1	si	5	Tz	-29.	3.	0.	3.	30.	
1- 1	si	9	Ty	0.	0.	-18.	18.	32.	
1- 1	si	11	Si	-23.	0.	-15.	15.	35.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.73279	0.	0.	0.000	0.000	222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-34.	0.	0.	0.	34.	
1- 1	si	5	Tz	-34.	3.	0.	3.	34.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
1- 1	si	11	Si	-27.	0.	-15.	15.	38.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.32327	0.	0.	0.000	0.000	221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-39.	0.	0.	0.	39.	
1- 1	si	5	Tz	-39.	3.	0.	3.	39.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
1- 1	si	11	Si	-31.	0.	-15.	15.	41.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.77969	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz Si	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (78- 79) 85 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.77969	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-44.	0.	0.	0.	44.	
1- 1	si	5	Tz Si	-44.	3.	0.	3.	44.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.07946	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz Si	-56.	2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	-16.	16.	27.



----- PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	554.27260	0.	0.	0.000	0.000	165.558		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-66.	0.	0.	0.	66.
1- 1	si	5	Tz	-66.	2.	0.	2.	66.
1- 1	si	9	Ty	0.	0.	-14.	14.	23.

----- PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	626.35910	0.	0.	0.000	0.000	137.965		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-74.	0.	0.	0.	74.
1- 1	si	5	Tz	-74.	2.	0.	2.	74.
1- 1	si	9	Ty	0.	0.	-11.	11.	20.

----- PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	685.33897	0.	0.	0.000	0.000	110.372		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-81.	0.	0.	0.	81.
1- 1	si	5	Tz	-81.	1.	0.	1.	81.
1- 1	si	9	Ty	0.	0.	-9.	9.	16.

----- PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	731.21219	0.	0.	0.000	0.000	82.779		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-87.	0.	0.	0.	87.
1- 1	si	5	Tz	-87.	1.	0.	1.	87.
1- 1	si	9	Ty	0.	0.	-7.	7.	12.

----- PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	763.97878	0.	0.	0.000	0.000	55.186		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz	-90.	1.	0.	1.	91.
1- 1	si	9	Ty	0.	0.	-5.	5.	8.

----- PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	783.63874	0.	0.	0.000	0.000	27.593		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-93.	0.	0.	0.	93.
1- 1	si	5	Tz	-93.	0.	0.	0.	93.
1- 1	si	9	Ty	0.	0.	-2.	2.	4.

----- PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	790.19206	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-94.	0.	0.	0.	94.
1- 1	si	5	Tz	-94.	0.	0.	0.	94.
1- 1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (79- 80) 86
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	790.19206	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-94.	0.	0.	0.	94.
1- 1	si	5	Tz	-94.	0.	0.	0.	94.
1- 1	si	9	Ty	0.	0.	0.	0.	0.

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	783.63874	0.	0.	0.000	0.000	-27.593		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-93.	0.	0.	0.	93.
1- 1	si	5	Tz	-93.	0.	0.	0.	93.



1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	95.				
SOLLECITAZIONI :													
Caso	1-1	MZ	763.97878	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-55.186
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-90.	Tz	0.	Ty	0.	Tau tot.	0.	Si	90.
Caso	1-1	si	5	Tz	-90.	Si	-1.	0.	0.	1.	91.		
Caso	1-1	si	9	Ty	0.	0.	5.	5.	5.	8.			
								PROGR.	142.				

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	95.				
SOLLECITAZIONI :													
Caso	1-1	MZ	731.21219	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-82.779
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-87.	Tz	0.	Ty	0.	Tau tot.	0.	Si	87.
Caso	1-1	si	5	Tz	-87.	Si	-1.	0.	0.	1.	87.		
Caso	1-1	si	9	Ty	0.	0.	7.	7.	7.	12.			
								PROGR.	190.				

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	95.				
SOLLECITAZIONI :													
Caso	1-1	MZ	685.33897	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-110.372
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-81.	Tz	0.	Ty	0.	Tau tot.	0.	Si	81.
Caso	1-1	si	5	Tz	-81.	Si	-1.	0.	0.	1.	81.		
Caso	1-1	si	9	Ty	0.	0.	9.	9.	9.	16.			
								PROGR.	238.				

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	95.				
SOLLECITAZIONI :													
Caso	1-1	MZ	626.35910	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-137.965
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-74.	Tz	0.	Ty	0.	Tau tot.	0.	Si	74.
Caso	1-1	si	5	Tz	-74.	Si	-2.	0.	0.	2.	74.		
Caso	1-1	si	9	Ty	0.	0.	11.	11.	11.	20.			
								PROGR.	285.				

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	95.				
SOLLECITAZIONI :													
Caso	1-1	MZ	554.27260	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-165.558
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-66.	Tz	0.	Ty	0.	Tau tot.	0.	Si	66.
Caso	1-1	si	5	Tz	-66.	Si	-2.	0.	0.	2.	66.		
Caso	1-1	si	9	Ty	0.	0.	14.	14.	14.	23.			
								PROGR.	332.				

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	95.				
SOLLECITAZIONI :													
Caso	1-1	MZ	469.07946	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-193.150
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-56.	Tz	0.	Ty	0.	Tau tot.	0.	Si	56.
Caso	1-1	si	5	Tz	-56.	Si	-2.	0.	0.	2.	56.		
Caso	1-1	si	9	Ty	0.	0.	16.	16.	16.	27.			
								PROGR.	380.				

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	95.				
SOLLECITAZIONI :													
Caso	1-1	MZ	370.77969	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-220.743
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-44.	Tz	0.	Ty	0.	Tau tot.	0.	Si	44.
Caso	1-1	si	5	Tz	-44.	Si	-3.	0.	0.	3.	44.		
Caso	1-1	si	9	Ty	0.	0.	18.	18.	18.	31.			
								PROGR.	19.				

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (80- 81) 87

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	0.				
SOLLECITAZIONI :													
Caso	1-1	MZ	370.77969	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-220.743
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-44.	Tz	0.	Ty	0.	Tau tot.	0.	Si	44.
Caso	1-1	si	5	Tz	-44.	Si	-3.	0.	0.	3.	44.		
Caso	1-1	si	9	Ty	0.	0.	18.	18.	18.	31.			
								PROGR.	19.				

1-1	si	9	Ty	0.	0.	2.	2.	4.					
								PROGR.	0.				
SOLLECITAZIONI :													
Caso	1-1	MZ	329.32327	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-221.458
TENSIONI (Sz= 0.0) :													
Caso	1-1	si	1	Sx	-39.	Tz	0.	Ty	0.	Tau tot.	0.	Si	39.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	5	Tz	-39.	-3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-31.	0.	15.	15.	41.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	287.73279	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-34.	0.	0.	0.	34.	
1-1	si	5	Tz	-34.	-3.	0.	3.	34.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-27.	0.	15.	15.	38.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	246.00823	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-29.	0.	0.	0.	29.	
1-1	si	5	Tz	-29.	-3.	0.	3.	30.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-23.	0.	15.	15.	35.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	204.14960	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-24.	0.	0.	0.	24.	
1-1	si	5	Tz	-24.	-3.	0.	3.	25.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-19.	0.	15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	162.15689	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-19.	0.	0.	0.	19.	
1-1	si	5	Tz	-19.	-3.	0.	3.	20.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	120.03012	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	-3.	0.	3.	15.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.76927	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	-3.	0.	3.	10.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.37435	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-4.	0.	0.	0.	4.	
1-1	si	5	Tz	-4.	-3.	0.	3.	7.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	19.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (84- 85) 94
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.37474	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-4.	0.	0.	0.	4.	
1-1	si	5	Tz	-4.	3.	0.	3.	7.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	19.

SOLLECITAZIONI :



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		77.76966	0.	0.	0.000	0.000	225.749	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	3.	0.	3.	10.
1-1	si	9	Tysi	0.	0.	-18.	18.	32.
							PROGR.	38.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		120.03050	0.	0.	0.000	0.000	225.034	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	3.	0.	3.	15.
1-1	si	9	Tysi	0.	0.	-18.	18.	32.
							PROGR.	56.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		162.15728	0.	0.	0.000	0.000	224.319	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	3.	0.	3.	20.
1-1	si	9	Tysi	0.	0.	-18.	18.	32.
							PROGR.	75.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		204.14998	0.	0.	0.000	0.000	223.604	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-24.	0.	0.	0.	24.
1-1	si	5	Tz	-24.	3.	0.	3.	25.
1-1	si	9	Tysi	0.	0.	-18.	18.	32.
1-1	si	11	Si	-19.	0.	-15.	15.	33.
							PROGR.	94.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		246.00861	0.	0.	0.000	0.000	222.889	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-29.	0.	0.	0.	29.
1-1	si	5	Tz	-29.	3.	0.	3.	30.
1-1	si	9	Tysi	0.	0.	-18.	18.	32.
1-1	si	11	Si	-23.	0.	-15.	15.	35.
							PROGR.	112.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		287.73317	0.	0.	0.000	0.000	222.173	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-34.	0.	0.	0.	34.
1-1	si	5	Tz	-34.	3.	0.	3.	34.
1-1	si	9	Tysi	0.	0.	-18.	18.	31.
1-1	si	11	Si	-27.	0.	-15.	15.	38.
							PROGR.	131.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		329.32366	0.	0.	0.000	0.000	221.458	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-39.	0.	0.	0.	39.
1-1	si	5	Tz	-39.	3.	0.	3.	39.
1-1	si	9	Tysi	0.	0.	-18.	18.	31.
1-1	si	11	Si	-31.	0.	-15.	15.	41.
							PROGR.	150.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		370.78007	0.	0.	0.000	0.000	220.743	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	3.	0.	3.	44.
1-1	si	9	Tysi	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (85- 86) 95
PROGR. 0.

SOLLECITAZIONI :								
Caso	1-1	MZ	MY	MT	N	TZ	TY	
1-1		370.78007	0.	0.	0.000	0.000	220.743	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	1	Sx	-44.	0.	0.	0.	44.	
1-1	si	5	Tz	-44.	3.	0.	3.	44.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	469.07985	0.	0.	0.000	0.000	193.150			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-56.	0.	0.	0.	56.	
1-1	si	5	Tz	-56.	2.	0.	2.	56.	
1-1	si	9	Ty	0.	0.	-16.	16.	27.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	554.27299	0.	0.	0.000	0.000	165.558			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz	-66.	2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	-14.	14.	23.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	626.35949	0.	0.	0.000	0.000	137.965			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-74.	0.	0.	0.	74.	
1-1	si	5	Tz	-74.	2.	0.	2.	74.	
1-1	si	9	Ty	0.	0.	-11.	11.	20.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	685.33935	0.	0.	0.000	0.000	110.372			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz	-81.	1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	-9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	731.21258	0.	0.	0.000	0.000	82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	763.97917	0.	0.	0.000	0.000	55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	-5.	5.	8.	
								PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	783.63913	0.	0.	0.000	0.000	27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	-2.	2.	4.	
								PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	790.19244	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (86- 87) 96
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	790.19244	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-94.	0.	0.	0.	94.	
1- 1	si	5	Tz	-94.	0.	0.	0.	94.	
1- 1	si	9	Ty	0.	0.	0.	0.	0.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.63913	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-93.	0.	0.	0.	93.	
1- 1	si	5	Tz	-93.	0.	0.	0.	93.	
1- 1	si	9	Ty	0.	0.	2.	2.	4.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.97917	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-90.	0.	0.	0.	90.	
1- 1	si	5	Tz	-90.	-1.	0.	1.	91.	
1- 1	si	9	Ty	0.	0.	5.	5.	8.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	731.21258	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-87.	0.	0.	0.	87.	
1- 1	si	5	Tz	-87.	-1.	0.	1.	87.	
1- 1	si	9	Ty	0.	0.	7.	7.	12.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.33935	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-81.	0.	0.	0.	81.	
1- 1	si	5	Tz	-81.	-1.	0.	1.	81.	
1- 1	si	9	Ty	0.	0.	9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.35949	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-74.	0.	0.	0.	74.	
1- 1	si	5	Tz	-74.	-2.	0.	2.	74.	
1- 1	si	9	Ty	0.	0.	11.	11.	20.	
								PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.27299	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-66.	0.	0.	0.	66.	
1- 1	si	5	Tz	-66.	-2.	0.	2.	66.	
1- 1	si	9	Ty	0.	0.	14.	14.	23.	
								PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.07985	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-56.	0.	0.	0.	56.	
1- 1	si	5	Tz	-56.	-2.	0.	2.	56.	
1- 1	si	9	Ty	0.	0.	16.	16.	27.	
								PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78007	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (87- 88) 97
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78007	0.	0.	0.000	0.000	-220.743



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.
PROGR. 19.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	329.32366	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-39.	0.	0.	0.	39.
1-1	si	5	Tz	-39.	-3.	0.	3.	39.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-31.	0.	15.	15.	41.
PROGR. 37.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	287.73317	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-34.	0.	0.	0.	34.
1-1	si	5	Tz	-34.	-3.	0.	3.	34.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-27.	0.	15.	15.	38.
PROGR. 56.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	246.00861	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-29.	0.	0.	0.	29.
1-1	si	5	Tz	-29.	-3.	0.	3.	30.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-23.	0.	15.	15.	35.
PROGR. 75.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	204.14998	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-24.	0.	0.	0.	24.
1-1	si	5	Tz	-24.	-3.	0.	3.	25.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-19.	0.	15.	15.	33.
PROGR. 94.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	162.15728	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	-3.	0.	3.	20.
1-1	si	9	Ty	0.	0.	18.	18.	32.
PROGR. 112.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	120.03050	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	-3.	0.	3.	15.
1-1	si	9	Ty	0.	0.	18.	18.	32.
PROGR. 131.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.76966	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	-3.	0.	3.	10.
1-1	si	9	Ty	0.	0.	18.	18.	32.
PROGR. 150.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.37474	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	-3.	0.	3.	7.
1-1	si	9	Ty	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



P_HEM650_S001 (1) stato limite ultimo - ASTA (91- 92) 100
----- PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	35.37474	0.	0.	0.000	0.000	226.464			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-4.	0.	0.	0.	4.	
1- 1	si	5	Tz	-4.	3.	0.	3.	7.	
1- 1	si	9	TySi	0.	0.	-18.	18.	32.	
						----- PROGR. 19.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	77.76966	0.	0.	0.000	0.000	225.749			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-9.	0.	0.	0.	9.	
1- 1	si	5	Tz	-9.	3.	0.	3.	10.	
1- 1	si	9	TySi	0.	0.	-18.	18.	32.	
						----- PROGR. 38.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	120.03050	0.	0.	0.000	0.000	225.034			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-14.	0.	0.	0.	14.	
1- 1	si	5	Tz	-14.	3.	0.	3.	15.	
1- 1	si	9	TySi	0.	0.	-18.	18.	32.	
						----- PROGR. 56.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	162.15728	0.	0.	0.000	0.000	224.319			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-19.	0.	0.	0.	19.	
1- 1	si	5	Tz	-19.	3.	0.	3.	20.	
1- 1	si	9	TySi	0.	0.	-18.	18.	32.	
						----- PROGR. 75.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	204.14998	0.	0.	0.000	0.000	223.604			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-24.	0.	0.	0.	24.	
1- 1	si	5	Tz	-24.	3.	0.	3.	25.	
1- 1	si	9	Ty	0.	0.	-18.	18.	32.	
1- 1	si	11	Si	-19.	0.	-15.	15.	33.	
						----- PROGR. 94.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	246.00861	0.	0.	0.000	0.000	222.889			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-29.	0.	0.	0.	29.	
1- 1	si	5	Tz	-29.	3.	0.	3.	30.	
1- 1	si	9	Ty	0.	0.	-18.	18.	32.	
1- 1	si	11	Si	-23.	0.	-15.	15.	35.	
						----- PROGR. 112.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	287.73317	0.	0.	0.000	0.000	222.173			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-34.	0.	0.	0.	34.	
1- 1	si	5	Tz	-34.	3.	0.	3.	34.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
1- 1	si	11	Si	-27.	0.	-15.	15.	38.	
						----- PROGR. 131.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	329.32366	0.	0.	0.000	0.000	221.458			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-39.	0.	0.	0.	39.	
1- 1	si	5	Tz	-39.	3.	0.	3.	39.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
1- 1	si	11	Si	-31.	0.	-15.	15.	41.	
						----- PROGR. 150.			

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	370.78007	0.	0.	0.000	0.000	220.743			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-44.	0.	0.	0.	44.	
1- 1	si	5	Tz	-44.	3.	0.	3.	44.	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

| 1- 1|si| 9| Ty | 0.| 0.| -18.| 18.| 31.|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (92- 93) 101 0.
PROGR. 0.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 370.78007, 0.0, 0.0, 0.000, 0.000, 220.743, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 469.07985, 0.0, 0.0, 0.000, 0.000, 193.150, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 554.27299, 0.0, 0.0, 0.000, 0.000, 165.558, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 626.35949, 0.0, 0.0, 0.000, 0.000, 137.965, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 685.33935, 0.0, 0.0, 0.000, 0.000, 110.372, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 731.21258, 0.0, 0.0, 0.000, 0.000, 82.779, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 763.97917, 0.0, 0.0, 0.000, 0.000, 55.186, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 783.63913, 0.0, 0.0, 0.000, 0.000, 27.593, etc.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 790.19244, 0.0, 0.0, 0.000, 0.000, 0.000, etc.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1 si 5 Tz	-94.	0.	0.	0.	94.
1- 1 si 9 Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (93- 94) 102
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	790.19244	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-94.	0.	0.	0.	94.
1- 1 si 5 Tz	Si			-94.	0.	0.	0.	94.
1- 1 si 9 Ty				0.	0.	0.	0.	0.

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.63913	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-93.	0.	0.	0.	93.
1- 1 si 5 Tz	Si			-93.	0.	0.	0.	93.
1- 1 si 9 Ty				0.	0.	2.	2.	4.

PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.97917	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-90.	0.	0.	0.	90.
1- 1 si 5 Tz	Si			-90.	-1.	0.	1.	91.
1- 1 si 9 Ty				0.	0.	5.	5.	8.

PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	731.21258	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-87.	0.	0.	0.	87.
1- 1 si 5 Tz	Si			-87.	-1.	0.	1.	87.
1- 1 si 9 Ty				0.	0.	7.	7.	12.

PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.33935	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-81.	0.	0.	0.	81.
1- 1 si 5 Tz	Si			-81.	-1.	0.	1.	81.
1- 1 si 9 Ty				0.	0.	9.	9.	16.

PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.35949	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-74.	0.	0.	0.	74.
1- 1 si 5 Tz	Si			-74.	-2.	0.	2.	74.
1- 1 si 9 Ty				0.	0.	11.	11.	20.

PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.27299	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-66.	0.	0.	0.	66.
1- 1 si 5 Tz	Si			-66.	-2.	0.	2.	66.
1- 1 si 9 Ty				0.	0.	14.	14.	23.

PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.07985	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx	Si			-56.	0.	0.	0.	56.
1- 1 si 5 Tz	Si			-56.	-2.	0.	2.	56.
1- 1 si 9 Ty				0.	0.	16.	16.	27.

PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78007	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
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1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (94- 95) 103
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.78007	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	329.32366	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-39.	0.	0.	0.	39.
1-1	si	5	Tz	-39.	-3.	0.	3.	39.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-31.	0.	15.	15.	41.

PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	287.73317	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-34.	0.	0.	0.	34.
1-1	si	5	Tz	-34.	-3.	0.	3.	34.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-27.	0.	15.	15.	38.

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	246.00861	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-29.	0.	0.	0.	29.
1-1	si	5	Tz	-29.	-3.	0.	3.	30.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-23.	0.	15.	15.	35.

PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	204.14998	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-24.	0.	0.	0.	24.
1-1	si	5	Tz	-24.	-3.	0.	3.	25.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-19.	0.	15.	15.	33.

PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	162.15728	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	-3.	0.	3.	20.
1-1	si	9	TySi	0.	0.	18.	18.	32.

PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	120.03050	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	-3.	0.	3.	15.
1-1	si	9	TySi	0.	0.	18.	18.	32.

PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.76966	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	-3.	0.	3.	10.
1-1	si	9	TySi	0.	0.	18.	18.	32.

PROGR. 150.



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	35.37474	0.	0.	0.000	0.000	-226.464
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-4.	0.	0.
1- 1	si	5	Tz	-4.	-3.	0.
1- 1	si	9	TySi	0.	0.	18.
						Tau tot.
						0.
						3.
						18.
						Si
						4.
						7.
						32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (98- 99) 110
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	35.37475	0.	0.	0.000	0.000	226.464
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-4.	0.	0.
1- 1	si	5	Tz	-4.	3.	0.
1- 1	si	9	TySi	0.	0.	-18.
						Tau tot.
						0.
						3.
						18.
						Si
						4.
						7.
						32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	77.76967	0.	0.	0.000	0.000	225.749
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-9.	0.	0.
1- 1	si	5	Tz	-9.	3.	0.
1- 1	si	9	TySi	0.	0.	-18.
						Tau tot.
						0.
						3.
						18.
						Si
						9.
						10.
						32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	120.03052	0.	0.	0.000	0.000	225.034
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-14.	0.	0.
1- 1	si	5	Tz	-14.	3.	0.
1- 1	si	9	TySi	0.	0.	-18.
						Tau tot.
						0.
						3.
						18.
						Si
						14.
						15.
						32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	162.15729	0.	0.	0.000	0.000	224.319
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-19.	0.	0.
1- 1	si	5	Tz	-19.	3.	0.
1- 1	si	9	TySi	0.	0.	-18.
						Tau tot.
						0.
						3.
						18.
						Si
						19.
						20.
						32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	204.15000	0.	0.	0.000	0.000	223.604
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-24.	0.	0.
1- 1	si	5	Tz	-24.	3.	0.
1- 1	si	9	Ty	0.	0.	-18.
1- 1	si	11	Si	-19.	0.	-15.
						Tau tot.
						0.
						3.
						18.
						Si
						24.
						25.
						32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	246.00863	0.	0.	0.000	0.000	222.889
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-29.	0.	0.
1- 1	si	5	Tz	-29.	3.	0.
1- 1	si	9	Ty	0.	0.	-18.
1- 1	si	11	Si	-23.	0.	-15.
						Tau tot.
						0.
						3.
						18.
						Si
						29.
						30.
						32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	287.73319	0.	0.	0.000	0.000	222.173
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx	-34.	0.	0.
1- 1	si	5	Tz	-34.	3.	0.
1- 1	si	9	Ty	0.	0.	-18.
1- 1	si	11	Si	-27.	0.	-15.
						Tau tot.
						0.
						3.
						18.
						Si
						34.
						34.
						31.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	329.32367	0.	0.	0.000	0.000	221.458
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	1	Sx			
1- 1	si	5	Tz			
1- 1	si	9	Ty			
1- 1	si	11	Si			
						Tau tot.
						Si



1-1	si	1	Sx	-39.	0.	0.	0.	39.	
1-1	si	5	Tz	-39.	3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-31.	0.	-15.	15.	41.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.78009	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (99- 100) 111
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.78009	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	-18.	18.	31.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	469.07986	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-56.	0.	0.	0.	56.
1-1	si	5	Tz	-56.	2.	0.	2.	56.
1-1	si	9	Ty	0.	0.	-16.	16.	27.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	554.27300	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-66.	0.	0.	0.	66.
1-1	si	5	Tz	-66.	2.	0.	2.	66.
1-1	si	9	Ty	0.	0.	-14.	14.	23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	626.35950	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-74.	0.	0.	0.	74.
1-1	si	5	Tz	-74.	2.	0.	2.	74.
1-1	si	9	Ty	0.	0.	-11.	11.	20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	685.33937	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-81.	0.	0.	0.	81.
1-1	si	5	Tz	-81.	1.	0.	1.	81.
1-1	si	9	Ty	0.	0.	-9.	9.	16.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	731.21259	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-87.	0.	0.	0.	87.
1-1	si	5	Tz	-87.	1.	0.	1.	87.
1-1	si	9	Ty	0.	0.	-7.	7.	12.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	763.97918	0.	0.	0.000	0.000	55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-90.	0.	0.	0.	90.
1-1	si	5	Tz	-90.	1.	0.	1.	91.
1-1	si	9	Ty	0.	0.	-5.	5.	8.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	783.63914	0.	0.	0.000	0.000	27.593



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-93.	0.	0.	0.	93.
1-1	si	5	Tz	-93.	0.	0.	0.	93.
1-1	si	9	Ty	0.	0.	-2.	2.	4.
								PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	790.19246	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (100- 101) 112 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	790.19246	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.
								PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	783.63914	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-93.	0.	0.	0.	93.
1-1	si	5	Tz	-93.	0.	0.	0.	93.
1-1	si	9	Ty	0.	0.	2.	2.	4.
								PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	763.97918	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-90.	0.	0.	0.	90.
1-1	si	5	Tz	-90.	-1.	0.	1.	91.
1-1	si	9	Ty	0.	0.	5.	5.	8.
								PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	731.21259	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-87.	0.	0.	0.	87.
1-1	si	5	Tz	-87.	-1.	0.	1.	87.
1-1	si	9	Ty	0.	0.	7.	7.	12.
								PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	685.33937	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-81.	0.	0.	0.	81.
1-1	si	5	Tz	-81.	-1.	0.	1.	81.
1-1	si	9	Ty	0.	0.	9.	9.	16.
								PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	626.35950	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-74.	0.	0.	0.	74.
1-1	si	5	Tz	-74.	-2.	0.	2.	74.
1-1	si	9	Ty	0.	0.	11.	11.	20.
								PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	554.27300	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-66.	0.	0.	0.	66.
1-1	si	5	Tz	-66.	-2.	0.	2.	66.
1-1	si	9	Ty	0.	0.	14.	14.	23.
								PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	469.07986	0.	0.	0.000	0.000	-193.150
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-56.	0.	0.	0.	56.	
1- 1 si 5 Tz Si	-56.	-2.	0.	2.	56.	
1- 1 si 9 Ty	0.	0.	16.	16.	27.	
						PROGR. 380.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78009	0.	0.	0.000	0.000	-220.743
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-44.	0.	0.	0.	44.	
1- 1 si 5 Tz Si	-44.	-3.	0.	3.	44.	
1- 1 si 9 Ty	0.	0.	18.	18.	31.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (101- 102) 113
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78009	0.	0.	0.000	0.000	-220.743
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-44.	0.	0.	0.	44.	
1- 1 si 5 Tz Si	-44.	-3.	0.	3.	44.	
1- 1 si 9 Ty	0.	0.	18.	18.	31.	
						PROGR. 19.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.32367	0.	0.	0.000	0.000	-221.458
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-39.	0.	0.	0.	39.	
1- 1 si 5 Tz Si	-39.	-3.	0.	3.	39.	
1- 1 si 9 Ty	0.	0.	18.	18.	31.	
1- 1 si 11 Si	-31.	0.	15.	15.	41.	
						PROGR. 37.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.73319	0.	0.	0.000	0.000	-222.173
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-34.	0.	0.	0.	34.	
1- 1 si 5 Tz Si	-34.	-3.	0.	3.	34.	
1- 1 si 9 Ty	0.	0.	18.	18.	31.	
1- 1 si 11 Si	-27.	0.	15.	15.	38.	
						PROGR. 56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	246.00863	0.	0.	0.000	0.000	-222.889
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-29.	0.	0.	0.	29.	
1- 1 si 5 Tz Si	-29.	-3.	0.	3.	30.	
1- 1 si 9 Ty	0.	0.	18.	18.	32.	
1- 1 si 11 Si	-23.	0.	15.	15.	35.	
						PROGR. 75.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.15000	0.	0.	0.000	0.000	-223.604
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-24.	0.	0.	0.	24.	
1- 1 si 5 Tz Si	-24.	-3.	0.	3.	25.	
1- 1 si 9 Ty	0.	0.	18.	18.	32.	
1- 1 si 11 Si	-19.	0.	15.	15.	33.	
						PROGR. 94.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.15729	0.	0.	0.000	0.000	-224.319
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-19.	0.	0.	0.	19.	
1- 1 si 5 Tz Si	-19.	-3.	0.	3.	20.	
1- 1 si 9 TySi	0.	0.	18.	18.	32.	
						PROGR. 112.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.03052	0.	0.	0.000	0.000	-225.034
TENSIONI (Sz= 0.0) :						
Caso Ve No massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1 si 1 Sx	-14.	0.	0.	0.	14.	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	5	Tz	-14.	-3.	0.	3.	15.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	77.76967	0.	0.	0.000	0.000	-225.749			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	-3.	0.	3.	10.	
1-1	si	9	TySi	0.	0.	18.	18.	32.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	35.37475	0.	0.	0.000	0.000	-226.464		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	-3.	0.	3.	7.
1-1	si	9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (105- 106) 116
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	35.37475	0.	0.	0.000	0.000	226.464			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-4.	0.	0.	0.	4.	
1-1	si	5	Tz	-4.	3.	0.	3.	7.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	77.76967	0.	0.	0.000	0.000	225.749			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	3.	0.	3.	10.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	120.03052	0.	0.	0.000	0.000	225.034			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	3.	0.	3.	15.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	162.15729	0.	0.	0.000	0.000	224.319			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-19.	0.	0.	0.	19.	
1-1	si	5	Tz	-19.	3.	0.	3.	20.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	204.15000	0.	0.	0.000	0.000	223.604			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-24.	0.	0.	0.	24.	
1-1	si	5	Tz	-24.	3.	0.	3.	25.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
1-1	si	11	Si	-19.	0.	-15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	246.00863	0.	0.	0.000	0.000	222.889			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-29.	0.	0.	0.	29.	
1-1	si	5	Tz	-29.	3.	0.	3.	30.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
1-1	si	11	Si	-23.	0.	-15.	15.	35.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	287.73319	0.	0.	0.000	0.000	222.173



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-34.	0.	0.	0.	34.	
1- 1	si	5	Tz	-34.	3.	0.	3.	34.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
1- 1	si	11	Si	-27.	0.	-15.	15.	38.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.32367	0.	0.	0.000	0.000	221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-39.	0.	0.	0.	39.	
1- 1	si	5	Tz	-39.	3.	0.	3.	39.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
1- 1	si	11	Si	-31.	0.	-15.	15.	41.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78009	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (106- 107) 117
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78009	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-44.	0.	0.	0.	44.	
1- 1	si	5	Tz	-44.	3.	0.	3.	44.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.07986	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-56.	0.	0.	0.	56.	
1- 1	si	5	Tz	-56.	2.	0.	2.	56.	
1- 1	si	9	Ty	0.	0.	-16.	16.	27.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.27300	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-66.	0.	0.	0.	66.	
1- 1	si	5	Tz	-66.	2.	0.	2.	66.	
1- 1	si	9	Ty	0.	0.	-14.	14.	23.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.35950	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-74.	0.	0.	0.	74.	
1- 1	si	5	Tz	-74.	2.	0.	2.	74.	
1- 1	si	9	Ty	0.	0.	-11.	11.	20.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.33937	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-81.	0.	0.	0.	81.	
1- 1	si	5	Tz	-81.	1.	0.	1.	81.	
1- 1	si	9	Ty	0.	0.	-9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	731.21259	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-87.	0.	0.	0.	87.	
1- 1	si	5	Tz	-87.	1.	0.	1.	87.	
1- 1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	285.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	763.97918	0.	0.	0.000	0.000	55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-90.	0.	0.	0.	90.	
1- 1	si	5	Tz	-90.	1.	0.	1.	91.	
1- 1	si	9	Ty	0.	0.	-5.	5.	8.	
									PROGR. 332.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	783.63914	0.	0.	0.000	0.000	27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-93.	0.	0.	0.	93.	
1- 1	si	5	Tz	-93.	0.	0.	0.	93.	
1- 1	si	9	Ty	0.	0.	-2.	2.	4.	
									PROGR. 380.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	790.19246	0.	0.	0.000	0.000	0.000			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-94.	0.	0.	0.	94.	
1- 1	si	5	Tz	-94.	0.	0.	0.	94.	
1- 1	si	9	Ty	0.	0.	0.	0.	0.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (107- 108) 118
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	790.19246	0.	0.	0.000	0.000	0.000			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-94.	0.	0.	0.	94.	
1- 1	si	5	Tz	-94.	0.	0.	0.	94.	
1- 1	si	9	Ty	0.	0.	0.	0.	0.	
									PROGR. 48.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	783.63914	0.	0.	0.000	0.000	-27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-93.	0.	0.	0.	93.	
1- 1	si	5	Tz	-93.	0.	0.	0.	93.	
1- 1	si	9	Ty	0.	0.	2.	2.	4.	
									PROGR. 95.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	763.97918	0.	0.	0.000	0.000	-55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-90.	0.	0.	0.	90.	
1- 1	si	5	Tz	-90.	-1.	0.	1.	91.	
1- 1	si	9	Ty	0.	0.	5.	5.	8.	
									PROGR. 142.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	731.21259	0.	0.	0.000	0.000	-82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-87.	0.	0.	0.	87.	
1- 1	si	5	Tz	-87.	-1.	0.	1.	87.	
1- 1	si	9	Ty	0.	0.	7.	7.	12.	
									PROGR. 190.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	685.33937	0.	0.	0.000	0.000	-110.372			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-81.	0.	0.	0.	81.	
1- 1	si	5	Tz	-81.	-1.	0.	1.	81.	
1- 1	si	9	Ty	0.	0.	9.	9.	16.	
									PROGR. 238.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	626.35950	0.	0.	0.000	0.000	-137.965			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-74.	0.	0.	0.	74.	
1- 1	si	5	Tz	-74.	-2.	0.	2.	74.	
1- 1	si	9	Ty	0.	0.	11.	11.	20.	



----- PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.27300	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-66.	0.	0.	0.	66.
1- 1	si	5	Tz	-66.	-2.	0.	2.	66.
1- 1	si	9	Ty	0.	0.	14.	14.	23.

----- PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.07986	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz	-56.	-2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	16.	16.	27.

----- PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78009	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (108- 109) 119
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78009	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.32367	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-39.	0.	0.	0.	39.
1- 1	si	5	Tz	-39.	-3.	0.	3.	39.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-31.	0.	15.	15.	41.

----- PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.73319	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-34.	0.	0.	0.	34.
1- 1	si	5	Tz	-34.	-3.	0.	3.	34.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-27.	0.	15.	15.	38.

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	246.00863	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	-3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-23.	0.	15.	15.	35.

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.15000	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	-3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-19.	0.	15.	15.	33.

----- PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.15729	0.	0.	0.000	0.000	-224.319



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	-3.	0.	3.	20.
1-1	si	9	TySi	0.	0.	18.	18.	32.
								PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	120.03052	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	-3.	0.	3.	15.
1-1	si	9	TySi	0.	0.	18.	18.	32.
								PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.76967	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	-3.	0.	3.	10.
1-1	si	9	TySi	0.	0.	18.	18.	32.
								PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.37475	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	-3.	0.	3.	7.
1-1	si	9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (112- 113) 126
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.37474	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	3.	0.	3.	7.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.76966	0.	0.	0.000	0.000	225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	3.	0.	3.	10.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	120.03050	0.	0.	0.000	0.000	225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	3.	0.	3.	15.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	162.15728	0.	0.	0.000	0.000	224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	3.	0.	3.	20.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	204.14998	0.	0.	0.000	0.000	223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-24.	0.	0.	0.	24.
1-1	si	5	Tz	-24.	3.	0.	3.	25.
1-1	si	9	Ty	0.	0.	-18.	18.	32.
1-1	si	11	Si	-19.	0.	-15.	15.	33.
								PROGR. 94.

SOLLECITAZIONI :



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	246.00861	0.	0.	0.000	0.000	222.889		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-23.	0.	-15.	15.	35.
							PROGR.	112.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	287.73317	0.	0.	0.000	0.000	222.173		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-34.	0.	0.	0.	34.
1- 1	si	5	Tz	-34.	3.	0.	3.	34.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-27.	0.	-15.	15.	38.
							PROGR.	131.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	329.32366	0.	0.	0.000	0.000	221.458		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-39.	0.	0.	0.	39.
1- 1	si	5	Tz	-39.	3.	0.	3.	39.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-31.	0.	-15.	15.	41.
							PROGR.	150.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	370.78007	0.	0.	0.000	0.000	220.743		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (113- 114) 127 0. PROGR.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	370.78007	0.	0.	0.000	0.000	220.743		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
							PROGR.	48.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	469.07985	0.	0.	0.000	0.000	193.150		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz	-56.	2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	-16.	16.	27.
							PROGR.	95.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	554.27299	0.	0.	0.000	0.000	165.558		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-66.	0.	0.	0.	66.
1- 1	si	5	Tz	-66.	2.	0.	2.	66.
1- 1	si	9	Ty	0.	0.	-14.	14.	23.
							PROGR.	142.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	626.35949	0.	0.	0.000	0.000	137.965		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-74.	0.	0.	0.	74.
1- 1	si	5	Tz	-74.	2.	0.	2.	74.
1- 1	si	9	Ty	0.	0.	-11.	11.	20.
							PROGR.	190.

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	685.33935	0.	0.	0.000	0.000	110.372		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-81.	0.	0.	0.	81.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	5	Tz	Si	-81.	1.	0.	1.	81.
1-1	si	9	Ty		0.	0.	-9.	9.	16.
									PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	731.21258	0.	0.	0.000	0.000	82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
									PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	763.97917	0.	0.	0.000	0.000	55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	-5.	5.	8.	
									PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	783.63913	0.	0.	0.000	0.000	27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	-2.	2.	4.	
									PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	790.19244	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (114- 115) 128 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	790.19244	0.	0.	0.000	0.000	0.000			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-94.	0.	0.	0.	94.	
1-1	si	5	Tz	-94.	0.	0.	0.	94.	
1-1	si	9	Ty	0.	0.	0.	0.	0.	
									PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	783.63913	0.	0.	0.000	0.000	-27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	2.	2.	4.	
									PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	763.97917	0.	0.	0.000	0.000	-55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	-1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	5.	5.	8.	
									PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	731.21258	0.	0.	0.000	0.000	-82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	-1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	7.	7.	12.	
									PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	685.33935	0.	0.	0.000	0.000	-110.372		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz	-81.	-1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	626.35949	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-74.	0.	0.	0.	74.	
1-1	si	5	Tz	-74.	-2.	0.	2.	74.	
1-1	si	9	Ty	0.	0.	11.	11.	20.	
								PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	554.27299	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz	-66.	-2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	14.	14.	23.	
								PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	469.07985	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-56.	0.	0.	0.	56.	
1-1	si	5	Tz	-56.	-2.	0.	2.	56.	
1-1	si	9	Ty	0.	0.	16.	16.	27.	
								PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.78007	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1)	stato limite ultimo - ASTA (115- 116)	129
		PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.78007	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-44.	0.	0.	0.	44.	
1-1	si	5	Tz	-44.	-3.	0.	3.	44.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	329.32366	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-39.	0.	0.	0.	39.	
1-1	si	5	Tz	-39.	-3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-31.	0.	15.	15.	41.	
								PROGR.	37.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	287.73317	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-34.	0.	0.	0.	34.	
1-1	si	5	Tz	-34.	-3.	0.	3.	34.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-27.	0.	15.	15.	38.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	246.00861	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-29.	0.	0.	0.	29.	
1-1	si	5	Tz	-29.	-3.	0.	3.	30.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-23.	0.	15.	15.	35.	
								PROGR.	75.

SOLLECITAZIONI :



Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		204.14998	0.	0.	0.000	0.000	-223.604	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	-3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-19.	0.	15.	15.	33.
							PROGR.	94.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		162.15728	0.	0.	0.000	0.000	-224.319	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	-3.	0.	3.	20.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
							PROGR.	112.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		120.03050	0.	0.	0.000	0.000	-225.034	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	-3.	0.	3.	15.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
							PROGR.	131.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		77.76966	0.	0.	0.000	0.000	-225.749	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	-3.	0.	3.	10.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
							PROGR.	150.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		35.37474	0.	0.	0.000	0.000	-226.464	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.	0.	0.	0.	4.
1- 1	si	5	Tz	-4.	-3.	0.	3.	7.
1- 1	si	9	Ty	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (119- 120) 132
PROGR. 0.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		35.37474	0.	0.	0.000	0.000	226.464	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.	0.	0.	0.	4.
1- 1	si	5	Tz	-4.	3.	0.	3.	7.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
							PROGR.	19.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		77.76966	0.	0.	0.000	0.000	225.749	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	3.	0.	3.	10.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
							PROGR.	38.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		120.03050	0.	0.	0.000	0.000	225.034	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	3.	0.	3.	15.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
							PROGR.	56.

SOLLECITAZIONI :								
Caso	1- 1	MZ	MY	MT	N	TZ	TY	
		162.15728	0.	0.	0.000	0.000	224.319	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	3.	0.	3.	20.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.



----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.14998	0.	0.	0.000	0.000	223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-19.	0.	-15.	15.	33.

----- PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	246.00861	0.	0.	0.000	0.000	222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	-18.	18.	32.
1- 1	si	11	Si	-23.	0.	-15.	15.	35.

----- PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.73317	0.	0.	0.000	0.000	222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-34.	0.	0.	0.	34.
1- 1	si	5	Tz	-34.	3.	0.	3.	34.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-27.	0.	-15.	15.	38.

----- PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.32366	0.	0.	0.000	0.000	221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-39.	0.	0.	0.	39.
1- 1	si	5	Tz	-39.	3.	0.	3.	39.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.
1- 1	si	11	Si	-31.	0.	-15.	15.	41.

----- PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78007	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (120- 121) 133
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78007	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	-18.	18.	31.

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.07985	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz	-56.	2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	-16.	16.	27.

----- PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.27299	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-66.	0.	0.	0.	66.
1- 1	si	5	Tz	-66.	2.	0.	2.	66.
1- 1	si	9	Ty	0.	0.	-14.	14.	23.

----- PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.35949	0.	0.	0.000	0.000	137.965



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-74.	0.	0.	0.	74.
1- 1	si	5	Tz	-74.	2.	0.	2.	74.
1- 1	si	9	Ty	0.	0.	-11.	11.	20.
								PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.33935	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-81.	0.	0.	0.	81.
1- 1	si	5	Tz	-81.	1.	0.	1.	81.
1- 1	si	9	Ty	0.	0.	-9.	9.	16.
								PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	731.21258	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-87.	0.	0.	0.	87.
1- 1	si	5	Tz	-87.	1.	0.	1.	87.
1- 1	si	9	Ty	0.	0.	-7.	7.	12.
								PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.97917	0.	0.	0.000	0.000	55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz	-90.	1.	0.	1.	91.
1- 1	si	9	Ty	0.	0.	-5.	5.	8.
								PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.63913	0.	0.	0.000	0.000	27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-93.	0.	0.	0.	93.
1- 1	si	5	Tz	-93.	0.	0.	0.	93.
1- 1	si	9	Ty	0.	0.	-2.	2.	4.
								PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	790.19244	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-94.	0.	0.	0.	94.
1- 1	si	5	Tz	-94.	0.	0.	0.	94.
1- 1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (121- 122) 134
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	790.19244	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-94.	0.	0.	0.	94.
1- 1	si	5	Tz	-94.	0.	0.	0.	94.
1- 1	si	9	Ty	0.	0.	0.	0.	0.
								PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	783.63913	0.	0.	0.000	0.000	-27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-93.	0.	0.	0.	93.
1- 1	si	5	Tz	-93.	0.	0.	0.	93.
1- 1	si	9	Ty	0.	0.	2.	2.	4.
								PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	763.97917	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz	-90.	-1.	0.	1.	91.
1- 1	si	9	Ty	0.	0.	5.	5.	8.
								PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	731.21258	0.	0.	0.000	0.000	-82.779
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-87.	0.	0.	0.	87.
1- 1 si 5 Tz Si		-87.	-1.	0.	1.	87.
1- 1 si 9 Ty		0.	0.	7.	7.	12.
						PROGR. 190.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	685.33935	0.	0.	0.000	0.000	-110.372
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-81.	0.	0.	0.	81.
1- 1 si 5 Tz Si		-81.	-1.	0.	1.	81.
1- 1 si 9 Ty		0.	0.	9.	9.	16.
						PROGR. 238.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	626.35949	0.	0.	0.000	0.000	-137.965
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-74.	0.	0.	0.	74.
1- 1 si 5 Tz Si		-74.	-2.	0.	2.	74.
1- 1 si 9 Ty		0.	0.	11.	11.	20.
						PROGR. 285.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	554.27299	0.	0.	0.000	0.000	-165.558
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-66.	0.	0.	0.	66.
1- 1 si 5 Tz Si		-66.	-2.	0.	2.	66.
1- 1 si 9 Ty		0.	0.	14.	14.	23.
						PROGR. 332.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	469.07985	0.	0.	0.000	0.000	-193.150
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-56.	0.	0.	0.	56.
1- 1 si 5 Tz Si		-56.	-2.	0.	2.	56.
1- 1 si 9 Ty		0.	0.	16.	16.	27.
						PROGR. 380.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78007	0.	0.	0.000	0.000	-220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-44.	0.	0.	0.	44.
1- 1 si 5 Tz Si		-44.	-3.	0.	3.	44.
1- 1 si 9 Ty		0.	0.	18.	18.	31.
						PROGR. 19.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (122- 123) 135
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.78007	0.	0.	0.000	0.000	-220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-44.	0.	0.	0.	44.
1- 1 si 5 Tz Si		-44.	-3.	0.	3.	44.
1- 1 si 9 Ty		0.	0.	18.	18.	31.
						PROGR. 19.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.32366	0.	0.	0.000	0.000	-221.458
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-39.	0.	0.	0.	39.
1- 1 si 5 Tz Si		-39.	-3.	0.	3.	39.
1- 1 si 9 Ty		0.	0.	18.	18.	31.
1- 1 si 11 Si		-31.	0.	15.	15.	41.
						PROGR. 38.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.73317	0.	0.	0.000	0.000	-222.173
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx		-34.	0.	0.	0.	34.
1- 1 si 5 Tz Si		-34.	-3.	0.	3.	34.
1- 1 si 9 Ty		0.	0.	18.	18.	31.
1- 1 si 11 Si		-27.	0.	15.	15.	38.
						PROGR. 38.



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	246.00861	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	-3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-23.	0.	15.	15.	35.

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.14998	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	-3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-19.	0.	15.	15.	33.

----- PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.15728	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	-3.	0.	3.	20.
1- 1	si	9	TySi	0.	0.	18.	18.	32.

----- PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.03050	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	-3.	0.	3.	15.
1- 1	si	9	TySi	0.	0.	18.	18.	32.

----- PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	77.76966	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	-3.	0.	3.	10.
1- 1	si	9	TySi	0.	0.	18.	18.	32.

----- PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	35.37474	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.	0.	0.	0.	4.
1- 1	si	5	Tz	-4.	-3.	0.	3.	7.
1- 1	si	9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (126- 127) 142
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	35.37435	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.	0.	0.	0.	4.
1- 1	si	5	Tz	-4.	3.	0.	3.	7.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	77.76927	0.	0.	0.000	0.000	225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	3.	0.	3.	10.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.

----- PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.03012	0.	0.	0.000	0.000	225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	3.	0.	3.	15.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	56.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		162.15689		0.	0.	0.000	0.000	224.319	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-19.	0.	0.	0.	19.	
1-1	si	5	Tz	-19.	3.	0.	3.	20.	
1-1	si	9	TySi	0.	0.	-18.	18.	32.	
								PROGR.	75.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		204.14960		0.	0.	0.000	0.000	223.604	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-24.	0.	0.	0.	24.	
1-1	si	5	Tz	-24.	3.	0.	3.	25.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
1-1	si	11	Si	-19.	0.	-15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		246.00823		0.	0.	0.000	0.000	222.889	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-29.	0.	0.	0.	29.	
1-1	si	5	Tz	-29.	3.	0.	3.	30.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
1-1	si	11	Si	-23.	0.	-15.	15.	35.	
								PROGR.	112.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		287.73279		0.	0.	0.000	0.000	222.173	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-34.	0.	0.	0.	34.	
1-1	si	5	Tz	-34.	3.	0.	3.	34.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-27.	0.	-15.	15.	38.	
								PROGR.	131.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		329.32327		0.	0.	0.000	0.000	221.458	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-39.	0.	0.	0.	39.	
1-1	si	5	Tz	-39.	3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-31.	0.	-15.	15.	41.	
								PROGR.	150.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		370.77969		0.	0.	0.000	0.000	220.743	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-44.	0.	0.	0.	44.	
1-1	si	5	Tz Si	-44.	3.	0.	3.	44.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
								PROGR.	48.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (127- 128) 143
PROGR. 0.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		370.77969		0.	0.	0.000	0.000	220.743	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-44.	0.	0.	0.	44.	
1-1	si	5	Tz Si	-44.	3.	0.	3.	44.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
								PROGR.	48.

SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY	
1-1		469.07946		0.	0.	0.000	0.000	193.150	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-56.	0.	0.	0.	56.	
1-1	si	5	Tz Si	-56.	2.	0.	2.	56.	
1-1	si	9	Ty	0.	0.	-16.	16.	27.	
								PROGR.	95.



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	554.27260	0.	0.	0.000	0.000	165.558	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	66.	
1-	1	si	5	Tz	2.	0.	2.	66.	
1-	1	si	9	Ty	0.	-14.	14.	23.	
									PROGR. 142.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	626.35910	0.	0.	0.000	0.000	137.965	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	74.	
1-	1	si	5	Tz	2.	0.	2.	74.	
1-	1	si	9	Ty	0.	-11.	11.	20.	
									PROGR. 190.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	685.33897	0.	0.	0.000	0.000	110.372	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	81.	
1-	1	si	5	Tz	1.	0.	1.	81.	
1-	1	si	9	Ty	0.	-9.	9.	16.	
									PROGR. 238.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	731.21219	0.	0.	0.000	0.000	82.779	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	87.	
1-	1	si	5	Tz	1.	0.	1.	87.	
1-	1	si	9	Ty	0.	-7.	7.	12.	
									PROGR. 285.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	763.97878	0.	0.	0.000	0.000	55.186	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	90.	
1-	1	si	5	Tz	1.	0.	1.	91.	
1-	1	si	9	Ty	0.	-5.	5.	8.	
									PROGR. 332.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	783.63874	0.	0.	0.000	0.000	27.593	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	93.	
1-	1	si	5	Tz	0.	0.	0.	93.	
1-	1	si	9	Ty	0.	-2.	2.	4.	
									PROGR. 380.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	790.19206	0.	0.	0.000	0.000	0.000	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	94.	
1-	1	si	5	Tz	0.	0.	0.	94.	
1-	1	si	9	Ty	0.	0.	0.	0.	
									PROGR. 48.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (128- 129) 144
PROGR. 0.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	790.19206	0.	0.	0.000	0.000	0.000	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	94.	
1-	1	si	5	Tz	0.	0.	0.	94.	
1-	1	si	9	Ty	0.	0.	0.	0.	
									PROGR. 48.

SOLLECITAZIONI :									
Caso	1-	1	MZ	MY	MT	N	TZ	TY	
	1-	1	783.63874	0.	0.	0.000	0.000	-27.593	
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-	1	si	1	Sx	0.	0.	0.	93.	
1-	1	si	5	Tz	0.	0.	0.	93.	
1-	1	si	9	Ty	0.	2.	2.	4.	



----- PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	763.97878	0.	0.	0.000	0.000	-55.186		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz	-90.	-1.	0.	1.	91.
1- 1	si	9	Ty	0.	0.	5.	5.	8.

----- PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	731.21219	0.	0.	0.000	0.000	-82.779		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-87.	0.	0.	0.	87.
1- 1	si	5	Tz	-87.	-1.	0.	1.	87.
1- 1	si	9	Ty	0.	0.	7.	7.	12.

----- PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	685.33897	0.	0.	0.000	0.000	-110.372		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-81.	0.	0.	0.	81.
1- 1	si	5	Tz	-81.	-1.	0.	1.	81.
1- 1	si	9	Ty	0.	0.	9.	9.	16.

----- PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	626.35910	0.	0.	0.000	0.000	-137.965		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-74.	0.	0.	0.	74.
1- 1	si	5	Tz	-74.	-2.	0.	2.	74.
1- 1	si	9	Ty	0.	0.	11.	11.	20.

----- PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	554.27260	0.	0.	0.000	0.000	-165.558		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-66.	0.	0.	0.	66.
1- 1	si	5	Tz	-66.	-2.	0.	2.	66.
1- 1	si	9	Ty	0.	0.	14.	14.	23.

----- PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	469.07946	0.	0.	0.000	0.000	-193.150		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz	-56.	-2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	16.	16.	27.

----- PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	370.77969	0.	0.	0.000	0.000	-220.743		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (129- 130) 145
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	370.77969	0.	0.	0.000	0.000	-220.743		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	329.32327	0.	0.	0.000	0.000	-221.458		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-39.	0.	0.	0.	39.
1- 1	si	5	Tz	-39.	-3.	0.	3.	39.



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-31.	0.	15.	15.	41.	
								PROGR.	37.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	287.73279	0.	0.	0.000	0.000	-222.173		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-34.	0.	0.	0.	34.	
1-1	si	5	Tz	-34.	-3.	0.	3.	34.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-27.	0.	15.	15.	38.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	246.00823	0.	0.	0.000	0.000	-222.889		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-29.	0.	0.	0.	29.	
1-1	si	5	Tz	-29.	-3.	0.	3.	30.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-23.	0.	15.	15.	35.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	204.14960	0.	0.	0.000	0.000	-223.604		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-24.	0.	0.	0.	24.	
1-1	si	5	Tz	-24.	-3.	0.	3.	25.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-19.	0.	15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	162.15689	0.	0.	0.000	0.000	-224.319		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-19.	0.	0.	0.	19.	
1-1	si	5	Tz	-19.	-3.	0.	3.	20.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	120.03012	0.	0.	0.000	0.000	-225.034		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-14.	0.	0.	0.	14.	
1-1	si	5	Tz	-14.	-3.	0.	3.	15.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	77.76927	0.	0.	0.000	0.000	-225.749		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-9.	0.	0.	0.	9.	
1-1	si	5	Tz	-9.	-3.	0.	3.	10.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	35.37435	0.	0.	0.000	0.000	-226.464		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-4.	0.	0.	0.	4.	
1-1	si	5	Tz	-4.	-3.	0.	3.	7.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (133- 134) 148
PROGR. 0.

SOLLECITAZIONI :

Caso	1-1	MZ	MY	MT	N	TZ	TY		
1-1	si	35.37435	0.	0.	0.000	0.000	226.464		
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-4.	0.	0.	0.	4.	
1-1	si	5	Tz	-4.	3.	0.	3.	7.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	77.76927	0.	0.	0.000	0.000	225.749
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-9.	0.	0.	0.	9.
1- 1 si 5	Tz	-9.	3.	0.	3.	10.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 38.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.03012	0.	0.	0.000	0.000	225.034
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-14.	0.	0.	0.	14.
1- 1 si 5	Tz	-14.	3.	0.	3.	15.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.15689	0.	0.	0.000	0.000	224.319
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-19.	0.	0.	0.	19.
1- 1 si 5	Tz	-19.	3.	0.	3.	20.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 75.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.14960	0.	0.	0.000	0.000	223.604
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-24.	0.	0.	0.	24.
1- 1 si 5	Tz	-24.	3.	0.	3.	25.
1- 1 si 9	Ty	0.	0.	-18.	18.	32.
1- 1 si 11	Si	-19.	0.	-15.	15.	33.
						PROGR. 94.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	246.00823	0.	0.	0.000	0.000	222.889
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-29.	0.	0.	0.	29.
1- 1 si 5	Tz	-29.	3.	0.	3.	30.
1- 1 si 9	Ty	0.	0.	-18.	18.	32.
1- 1 si 11	Si	-23.	0.	-15.	15.	35.
						PROGR. 112.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.73279	0.	0.	0.000	0.000	222.173
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-34.	0.	0.	0.	34.
1- 1 si 5	Tz	-34.	3.	0.	3.	34.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-27.	0.	-15.	15.	38.
						PROGR. 131.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.32327	0.	0.	0.000	0.000	221.458
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-39.	0.	0.	0.	39.
1- 1 si 5	Tz	-39.	3.	0.	3.	39.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-31.	0.	-15.	15.	41.
						PROGR. 150.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.77969	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-44.	0.	0.	0.	44.
1- 1 si 5	Tz Si	-44.	3.	0.	3.	44.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (134- 135) 149
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.77969	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-44.	0.	0.	0.	44.



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	5	Tz	Si	-44.	3.	0.	3.	44.
1-1	si	9	Ty		0.	0.	-18.	18.	31.
									PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	469.07946	0.	0.	0.000	0.000	193.150			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-56.	0.	0.	0.	56.	
1-1	si	5	Tz	-56.	2.	0.	2.	56.	
1-1	si	9	Ty	0.	0.	-16.	16.	27.	
									PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	554.27260	0.	0.	0.000	0.000	165.558			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz	-66.	2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	-14.	14.	23.	
									PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	626.35910	0.	0.	0.000	0.000	137.965			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-74.	0.	0.	0.	74.	
1-1	si	5	Tz	-74.	2.	0.	2.	74.	
1-1	si	9	Ty	0.	0.	-11.	11.	20.	
									PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	685.33897	0.	0.	0.000	0.000	110.372			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz	-81.	1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	-9.	9.	16.	
									PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	731.21219	0.	0.	0.000	0.000	82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
									PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	763.97878	0.	0.	0.000	0.000	55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	-5.	5.	8.	
									PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	783.63874	0.	0.	0.000	0.000	27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	-2.	2.	4.	
									PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	790.19206	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (135- 136) 150
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	790.19206	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	1	Sx	Si	-94.	0.	0.	0.	94.	
1-1	si	5	Tz		-94.	0.	0.	0.	94.	
1-1	si	9	Ty		0.	0.	0.	0.	0.	
									PROGR.	48.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		783.63874		0.		0.		0.000		0.000		-27.593
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-93.		0.		0.		0.		93.
1-1	si	5	Tz	-93.		0.		0.		0.		93.
1-1	si	9	Ty	0.		0.		2.		2.		4.
											PROGR.	95.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		763.97878		0.		0.		0.000		0.000		-55.186
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-90.		0.		0.		0.		90.
1-1	si	5	Tz	-90.		-1.		0.		1.		91.
1-1	si	9	Ty	0.		0.		5.		5.		8.
											PROGR.	142.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		731.21219		0.		0.		0.000		0.000		-82.779
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-87.		0.		0.		0.		87.
1-1	si	5	Tz	-87.		-1.		0.		1.		87.
1-1	si	9	Ty	0.		0.		7.		7.		12.
											PROGR.	190.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		685.33897		0.		0.		0.000		0.000		-110.372
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-81.		0.		0.		0.		81.
1-1	si	5	Tz	-81.		-1.		0.		1.		81.
1-1	si	9	Ty	0.		0.		9.		9.		16.
											PROGR.	238.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		626.35910		0.		0.		0.000		0.000		-137.965
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-74.		0.		0.		0.		74.
1-1	si	5	Tz	-74.		-2.		0.		2.		74.
1-1	si	9	Ty	0.		0.		11.		11.		20.
											PROGR.	285.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		554.27260		0.		0.		0.000		0.000		-165.558
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-66.		0.		0.		0.		66.
1-1	si	5	Tz	-66.		-2.		0.		2.		66.
1-1	si	9	Ty	0.		0.		14.		14.		23.
											PROGR.	332.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		469.07946		0.		0.		0.000		0.000		-193.150
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-56.		0.		0.		0.		56.
1-1	si	5	Tz	-56.		-2.		0.		2.		56.
1-1	si	9	Ty	0.		0.		16.		16.		27.
											PROGR.	380.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		370.77969		0.		0.		0.000		0.000		-220.743
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1-1	si	1	Sx	-44.		0.		0.		0.		44.
1-1	si	5	Tz	-44.		-3.		0.		3.		44.
1-1	si	9	Ty	0.		0.		18.		18.		31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (136- 137) 151
PROGR. 0.

SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
1-1		370.77969		0.		0.		0.000		0.000		-220.743
TENSIONI (Sz= 0.0) :												



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.
PROGR. 19.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	329.32327	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-39.	0.	0.	0.	39.
1-1	si	5	Tz	-39.	-3.	0.	3.	39.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-31.	0.	15.	15.	41.
PROGR. 38.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	287.73279	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-34.	0.	0.	0.	34.
1-1	si	5	Tz	-34.	-3.	0.	3.	34.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-27.	0.	15.	15.	38.
PROGR. 56.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	246.00823	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-29.	0.	0.	0.	29.
1-1	si	5	Tz	-29.	-3.	0.	3.	30.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-23.	0.	15.	15.	35.
PROGR. 75.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	204.14960	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-24.	0.	0.	0.	24.
1-1	si	5	Tz	-24.	-3.	0.	3.	25.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-19.	0.	15.	15.	33.
PROGR. 94.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	162.15689	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	-3.	0.	3.	20.
1-1	si	9	TySi	0.	0.	18.	18.	32.
PROGR. 112.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	120.03012	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	-3.	0.	3.	15.
1-1	si	9	TySi	0.	0.	18.	18.	32.
PROGR. 131.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.76927	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	-3.	0.	3.	10.
1-1	si	9	TySi	0.	0.	18.	18.	32.
PROGR. 150.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.37435	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	-3.	0.	3.	7.
1-1	si	9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (140- 141) 158



-----										PROGR.	0.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-4.		0.		0.	0.	4.
1- 1	si	5		Tz	-4.		3.		0.	3.	7.
1- 1	si	9		TySi	0.		0.		-18.	18.	32.
-----										PROGR.	19.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-9.		0.		0.	0.	9.
1- 1	si	5		Tz	-9.		3.		0.	3.	10.
1- 1	si	9		TySi	0.		0.		-18.	18.	32.
-----										PROGR.	38.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-14.		0.		0.	0.	14.
1- 1	si	5		Tz	-14.		3.		0.	3.	15.
1- 1	si	9		TySi	0.		0.		-18.	18.	32.
-----										PROGR.	56.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-19.		0.		0.	0.	19.
1- 1	si	5		Tz	-19.		3.		0.	3.	20.
1- 1	si	9		TySi	0.		0.		-18.	18.	32.
-----										PROGR.	75.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-24.		0.		0.	0.	24.
1- 1	si	5		Tz	-24.		3.		0.	3.	25.
1- 1	si	9		Ty	0.		0.		-18.	18.	32.
1- 1	si	11		Si	-19.		0.		-15.	15.	33.
-----										PROGR.	94.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-29.		0.		0.	0.	29.
1- 1	si	5		Tz	-29.		3.		0.	3.	30.
1- 1	si	9		Ty	0.		0.		-18.	18.	32.
1- 1	si	11		Si	-23.		0.		-15.	15.	35.
-----										PROGR.	112.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-34.		0.		0.	0.	34.
1- 1	si	5		Tz	-34.		3.		0.	3.	34.
1- 1	si	9		Ty	0.		0.		-18.	18.	31.
1- 1	si	11		Si	-27.		0.		-15.	15.	38.
-----										PROGR.	131.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-39.		0.		0.	0.	39.
1- 1	si	5		Tz	-39.		3.		0.	3.	39.
1- 1	si	9		Ty	0.		0.		-18.	18.	31.
1- 1	si	11		Si	-31.		0.		-15.	15.	41.
-----										PROGR.	150.
SOLLECITAZIONI :											
Caso	1- 1		MZ		MY		MT		N	TZ	TY
TENSIONI (Sz= 0.0) :											
Caso	1- 1	si	1	Sx			Tz		Ty	Tau tot.	Si
1- 1	si	5			-44.		0.		0.	0.	44.
1- 1	si	5		Tz	-44.		3.		0.	3.	44.
1- 1	si	9		Ty	0.		0.		-18.	18.	31.



VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (141- 142) 159
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	370.76909	0.	0.	0.000	0.000	220.743			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-44.	0.	0.	0.	44.	
1- 1	si	5	Tz	-44.	3.	0.	3.	44.	
1- 1	si	9	Ty	0.	0.	-18.	18.	31.	
PROGR. 48.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	469.06886	0.	0.	0.000	0.000	193.150			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-56.	0.	0.	0.	56.	
1- 1	si	5	Tz	-56.	2.	0.	2.	56.	
1- 1	si	9	Ty	0.	0.	-16.	16.	27.	
PROGR. 95.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	554.26200	0.	0.	0.000	0.000	165.558			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-66.	0.	0.	0.	66.	
1- 1	si	5	Tz	-66.	2.	0.	2.	66.	
1- 1	si	9	Ty	0.	0.	-14.	14.	23.	
PROGR. 142.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	626.34850	0.	0.	0.000	0.000	137.965			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-74.	0.	0.	0.	74.	
1- 1	si	5	Tz	-74.	2.	0.	2.	74.	
1- 1	si	9	Ty	0.	0.	-11.	11.	20.	
PROGR. 190.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	685.32836	0.	0.	0.000	0.000	110.372			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-81.	0.	0.	0.	81.	
1- 1	si	5	Tz	-81.	1.	0.	1.	81.	
1- 1	si	9	Ty	0.	0.	-9.	9.	16.	
PROGR. 238.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	731.20159	0.	0.	0.000	0.000	82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-87.	0.	0.	0.	87.	
1- 1	si	5	Tz	-87.	1.	0.	1.	87.	
1- 1	si	9	Ty	0.	0.	-7.	7.	12.	
PROGR. 285.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	763.96818	0.	0.	0.000	0.000	55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-90.	0.	0.	0.	90.	
1- 1	si	5	Tz	-90.	1.	0.	1.	91.	
1- 1	si	9	Ty	0.	0.	-5.	5.	8.	
PROGR. 332.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	783.62814	0.	0.	0.000	0.000	27.593			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-93.	0.	0.	0.	93.	
1- 1	si	5	Tz	-93.	0.	0.	0.	93.	
1- 1	si	9	Ty	0.	0.	-2.	2.	4.	
PROGR. 380.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	790.18146	0.	0.	0.000	0.000	0.000			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-94.	0.	0.	0.	94.	
1- 1	si	5	Tz	-94.	0.	0.	0.	94.	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

| 1- 1|si| 9| Ty | 0. | 0. | 0. | 0. | 0. |

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (142- 143) 160
PROGR. 0.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 790.18146, 0.0, 0.0, 0.000, 0.000, 0.000, -94., 0., 0., 0., 94., 94., 0., 48.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 783.62814, 0.0, 0.0, 0.000, 0.000, -27.593, -93., 0., 0., 0., 93., 93., 4., 95.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 763.96818, 0.0, 0.0, 0.000, 0.000, -55.186, -90., 0., 0., 0., 90., 91., 8., 142.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 731.20159, 0.0, 0.0, 0.000, 0.000, -82.779, -87., 0., 0., 0., 87., 87., 12., 190.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 685.32836, 0.0, 0.0, 0.000, 0.000, -110.372, -81., 0., 0., 0., 81., 81., 16., 238.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 626.34850, 0.0, 0.0, 0.000, 0.000, -137.965, -74., 0., 0., 0., 74., 74., 20., 285.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 554.26200, 0.0, 0.0, 0.000, 0.000, -165.558, -66., 0., 0., 0., 66., 66., 23., 332.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 469.06886, 0.0, 0.0, 0.000, 0.000, -193.150, -56., 0., 0., 0., 56., 56., 27., 380.

Table with columns: Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 370.76909, 0.0, 0.0, 0.000, 0.000, -220.743, -44., 0., 0., 0., 44., 44., 0., 380.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1 si 5 Tz Si	-44.	-3.	0.	3.	44.
1- 1 si 9 Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (143- 144) 161
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.76909	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-44.	0.	0.	0.	44.
1- 1 si 5 Tz				-44.	-3.	0.	3.	44.
1- 1 si 9 Ty				0.	0.	18.	18.	31.
1- 1 si 11 Si				0.	0.	18.	18.	31.

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.31267	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-39.	0.	0.	0.	39.
1- 1 si 5 Tz				-39.	-3.	0.	3.	39.
1- 1 si 9 Ty				0.	0.	18.	18.	31.
1- 1 si 11 Si				-31.	0.	15.	15.	41.

PROGR. 37.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.72218	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-34.	0.	0.	0.	34.
1- 1 si 5 Tz				-34.	-3.	0.	3.	34.
1- 1 si 9 Ty				0.	0.	18.	18.	31.
1- 1 si 11 Si				-27.	0.	15.	15.	38.

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	245.99763	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-29.	0.	0.	0.	29.
1- 1 si 5 Tz				-29.	-3.	0.	3.	30.
1- 1 si 9 Ty				0.	0.	18.	18.	32.
1- 1 si 11 Si				-23.	0.	15.	15.	35.

PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.13899	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-24.	0.	0.	0.	24.
1- 1 si 5 Tz				-24.	-3.	0.	3.	25.
1- 1 si 9 Ty				0.	0.	18.	18.	32.
1- 1 si 11 Si				-19.	0.	15.	15.	33.

PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.14629	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-19.	0.	0.	0.	19.
1- 1 si 5 Tz				-19.	-3.	0.	3.	20.
1- 1 si 9 Ty				0.	0.	18.	18.	32.

PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.01952	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-14.	0.	0.	0.	14.
1- 1 si 5 Tz				-14.	-3.	0.	3.	15.
1- 1 si 9 Ty				0.	0.	18.	18.	32.

PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	77.75867	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1 Sx				-9.	0.	0.	0.	9.
1- 1 si 5 Tz				-9.	-3.	0.	3.	10.
1- 1 si 9 Ty				0.	0.	18.	18.	32.

PROGR. 150.

SOLLECITAZIONI :



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	1- 1	MZ	35.36375	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-226.464
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-4.	0.	0.	0.	4.				
1- 1	si	5	5	Tz	-4.	-3.	0.	3.	7.				
1- 1	si	9	9	Tysi	0.	0.	18.	18.	32.				

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (147- 148) 164
PROGR. 0.

SOLLECITAZIONI :

Caso	1- 1	MZ	35.36375	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	226.464
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-4.	0.	0.	0.	4.				
1- 1	si	5	5	Tz	-4.	3.	0.	3.	7.				
1- 1	si	9	9	Tysi	0.	0.	-18.	18.	32.				

PROGR. 19.

SOLLECITAZIONI :

Caso	1- 1	MZ	77.75867	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	225.749
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-9.	0.	0.	0.	9.				
1- 1	si	5	5	Tz	-9.	3.	0.	3.	10.				
1- 1	si	9	9	Tysi	0.	0.	-18.	18.	32.				

PROGR. 38.

SOLLECITAZIONI :

Caso	1- 1	MZ	120.01952	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	225.034
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-14.	0.	0.	0.	14.				
1- 1	si	5	5	Tz	-14.	3.	0.	3.	15.				
1- 1	si	9	9	Tysi	0.	0.	-18.	18.	32.				

PROGR. 56.

SOLLECITAZIONI :

Caso	1- 1	MZ	162.14629	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	224.319
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-19.	0.	0.	0.	19.				
1- 1	si	5	5	Tz	-19.	3.	0.	3.	20.				
1- 1	si	9	9	Tysi	0.	0.	-18.	18.	32.				

PROGR. 75.

SOLLECITAZIONI :

Caso	1- 1	MZ	204.13899	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	223.604
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-24.	0.	0.	0.	24.				
1- 1	si	5	5	Tz	-24.	3.	0.	3.	25.				
1- 1	si	9	9	Ty	0.	0.	-18.	18.	32.				
1- 1	si	11	11	Si	-19.	0.	-15.	15.	33.				

PROGR. 94.

SOLLECITAZIONI :

Caso	1- 1	MZ	245.99763	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	222.889
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-29.	0.	0.	0.	29.				
1- 1	si	5	5	Tz	-29.	3.	0.	3.	30.				
1- 1	si	9	9	Ty	0.	0.	-18.	18.	32.				
1- 1	si	11	11	Si	-23.	0.	-15.	15.	35.				

PROGR. 112.

SOLLECITAZIONI :

Caso	1- 1	MZ	287.72218	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	222.173
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-34.	0.	0.	0.	34.				
1- 1	si	5	5	Tz	-34.	3.	0.	3.	34.				
1- 1	si	9	9	Ty	0.	0.	-18.	18.	31.				
1- 1	si	11	11	Si	-27.	0.	-15.	15.	38.				

PROGR. 131.

SOLLECITAZIONI :

Caso	1- 1	MZ	329.31267	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	221.458
TENSIONI (Sz= 0.0) :													
Caso	1- 1	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si				
1- 1	si	1	1	Sx	-39.	0.	0.	0.	39.				



1-1	si	5	Tz	-39.	3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-31.	0.	-15.	15.	41.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	370.76909	0.	0.	0.000	0.000	220.743		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1)	stato limite ultimo - ASTA (148- 149)	165
		PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	370.76909	0.	0.	0.000	0.000	220.743			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-44.	0.	0.	0.	44.	
1-1	si	5	Tz	-44.	3.	0.	3.	44.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	469.06886	0.	0.	0.000	0.000	193.150			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-56.	0.	0.	0.	56.	
1-1	si	5	Tz	-56.	2.	0.	2.	56.	
1-1	si	9	Ty	0.	0.	-16.	16.	27.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	554.26200	0.	0.	0.000	0.000	165.558			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz	-66.	2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	-14.	14.	23.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	626.34850	0.	0.	0.000	0.000	137.965			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-74.	0.	0.	0.	74.	
1-1	si	5	Tz	-74.	2.	0.	2.	74.	
1-1	si	9	Ty	0.	0.	-11.	11.	20.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	685.32836	0.	0.	0.000	0.000	110.372			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz	-81.	1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	-9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	731.20159	0.	0.	0.000	0.000	82.779			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
1-1	763.96818	0.	0.	0.000	0.000	55.186			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz	-90.	1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	-5.	5.	8.	
								PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	783.62814	0.	0.	0.000	0.000	27.593
TENSIONI (Sz= 0.0) :						



Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz Si	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	-2.	2.	4.	
-----								PROGR.	380.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-94.	0.	0.	0.	94.	
1-1	si	5	Tz Si	-94.	0.	0.	0.	94.	
1-1	si	9	Ty	0.	0.	0.	0.	0.	
-----								PROGR.	48.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (149- 150) 166

PROGR. 0.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-94.	0.	0.	0.	94.	
1-1	si	5	Tz Si	-94.	0.	0.	0.	94.	
1-1	si	9	Ty	0.	0.	0.	0.	0.	
-----								PROGR.	48.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-93.	0.	0.	0.	93.	
1-1	si	5	Tz Si	-93.	0.	0.	0.	93.	
1-1	si	9	Ty	0.	0.	2.	2.	4.	
-----								PROGR.	95.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-90.	0.	0.	0.	90.	
1-1	si	5	Tz Si	-90.	-1.	0.	1.	91.	
1-1	si	9	Ty	0.	0.	5.	5.	8.	
-----								PROGR.	142.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz Si	-87.	-1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	7.	7.	12.	
-----								PROGR.	190.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz Si	-81.	-1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	9.	9.	16.	
-----								PROGR.	238.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-74.	0.	0.	0.	74.	
1-1	si	5	Tz Si	-74.	-2.	0.	2.	74.	
1-1	si	9	Ty	0.	0.	11.	11.	20.	
-----								PROGR.	285.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz Si	-66.	-2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	14.	14.	23.	
-----								PROGR.	332.

SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz Si	-66.	-2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	14.	14.	23.	
-----								PROGR.	332.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-56.	0.	0.	0.	56.
1- 1	si	5	Tz	-56.	-2.	0.	2.	56.
1- 1	si	9	Ty	0.	0.	16.	16.	27.
								PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.76909	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (150- 151) 167
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	370.76909	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-44.	0.	0.	0.	44.
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
								PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	329.31267	0.	0.	0.000	0.000	-221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-39.	0.	0.	0.	39.
1- 1	si	5	Tz	-39.	-3.	0.	3.	39.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-31.	0.	15.	15.	41.
								PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	287.72218	0.	0.	0.000	0.000	-222.173

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-34.	0.	0.	0.	34.
1- 1	si	5	Tz	-34.	-3.	0.	3.	34.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-27.	0.	15.	15.	38.
								PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	245.99763	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-29.	0.	0.	0.	29.
1- 1	si	5	Tz	-29.	-3.	0.	3.	30.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-23.	0.	15.	15.	35.
								PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	204.13899	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	-3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-19.	0.	15.	15.	33.
								PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	162.14629	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	-3.	0.	3.	20.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
								PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	120.01952	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	-3.	0.	3.	15.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1 si 9	TySi	0.	0.	18.	18.	32.	
						PROGR.	131.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	77.75867	0.	0.	0.000	0.000	-225.749	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-9.	0.	0.	0.	9.	
1- 1 si 5	Tz	-9.	-3.	0.	3.	10.	
1- 1 si 9	TySi	0.	0.	18.	18.	32.	
						PROGR.	150.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	35.36375	0.	0.	0.000	0.000	-226.464	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-4.	0.	0.	0.	4.	
1- 1 si 5	Tz	-4.	-3.	0.	3.	7.	
1- 1 si 9	TySi	0.	0.	18.	18.	32.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (158- 159) 178
PROGR. 0.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	35.07286	0.	0.	0.000	0.000	226.464	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-4.	0.	0.	0.	4.	
1- 1 si 5	Tz	-4.	3.	0.	3.	7.	
1- 1 si 9	TySi	0.	0.	-18.	18.	32.	
						PROGR.	19.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	77.46778	0.	0.	0.000	0.000	225.749	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-9.	0.	0.	0.	9.	
1- 1 si 5	Tz	-9.	3.	0.	3.	10.	
1- 1 si 9	TySi	0.	0.	-18.	18.	32.	
						PROGR.	38.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	119.72863	0.	0.	0.000	0.000	225.034	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-14.	0.	0.	0.	14.	
1- 1 si 5	Tz	-14.	3.	0.	3.	15.	
1- 1 si 9	TySi	0.	0.	-18.	18.	32.	
						PROGR.	56.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	161.85540	0.	0.	0.000	0.000	224.319	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-19.	0.	0.	0.	19.	
1- 1 si 5	Tz	-19.	3.	0.	3.	20.	
1- 1 si 9	TySi	0.	0.	-18.	18.	32.	
						PROGR.	75.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	203.84811	0.	0.	0.000	0.000	223.604	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-24.	0.	0.	0.	24.	
1- 1 si 5	Tz	-24.	3.	0.	3.	25.	
1- 1 si 9	Ty	0.	0.	-18.	18.	32.	
1- 1 si 11	Si	-19.	0.	-15.	15.	33.	
						PROGR.	94.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	245.70674	0.	0.	0.000	0.000	222.889	
TENSIONI (Sz= 0.0) :							
Caso	Ve No massimi	SX	Tz	Ty	Tau tot.	Si	
1- 1 si 1	Sx	-29.	0.	0.	0.	29.	
1- 1 si 5	Tz	-29.	3.	0.	3.	30.	
1- 1 si 9	Ty	0.	0.	-18.	18.	32.	
1- 1 si 11	Si	-23.	0.	-15.	15.	35.	
						PROGR.	112.

1- 1	MZ	MY	MT	N	TZ	TY	
1- 1	287.43130	0.	0.	0.000	0.000	222.173	
TENSIONI (Sz= 0.0) :							



Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-34.	0.	0.	0.	34.	
1-1	si	5	Tz	-34.	3.	0.	3.	34.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-27.	0.	-15.	15.	38.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	329.02178	0.	0.	0.000	0.000	221.458

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-39.	0.	0.	0.	39.	
1-1	si	5	Tz	-39.	3.	0.	3.	39.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
1-1	si	11	Si	-31.	0.	-15.	15.	41.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.47820	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	-18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1)	stato limite ultimo	- ASTA (159- 160)	179
			0.
			PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	370.47820	0.	0.	0.000	0.000	220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-44.	0.	0.	0.	44.	
1-1	si	5	Tz	-44.	3.	0.	3.	44.	
1-1	si	9	Ty	0.	0.	-18.	18.	31.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	468.77797	0.	0.	0.000	0.000	193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-56.	0.	0.	0.	56.	
1-1	si	5	Tz	-56.	2.	0.	2.	56.	
1-1	si	9	Ty	0.	0.	-16.	16.	27.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	553.97111	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-66.	0.	0.	0.	66.	
1-1	si	5	Tz	-66.	2.	0.	2.	66.	
1-1	si	9	Ty	0.	0.	-14.	14.	23.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	626.05761	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-74.	0.	0.	0.	74.	
1-1	si	5	Tz	-74.	2.	0.	2.	74.	
1-1	si	9	Ty	0.	0.	-11.	11.	20.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	685.03747	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-81.	0.	0.	0.	81.	
1-1	si	5	Tz	-81.	1.	0.	1.	81.	
1-1	si	9	Ty	0.	0.	-9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	730.91070	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-87.	0.	0.	0.	87.	
1-1	si	5	Tz	-87.	1.	0.	1.	87.	
1-1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	285.

SOLLECITAZIONI :



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	1- 1	MZ	MY	MT	N	TZ	TY
		763.67729	0.	0.	0.000	0.000	55.186
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-90.	0.	0.	0.
1- 1	si	5	Tz	-90.	1.	0.	1.
1- 1	si	9	Ty	0.	0.	-5.	5.
							PROGR.
							332.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		783.33725	0.	0.	0.000	0.000	27.593
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-93.	0.	0.	0.
1- 1	si	5	Tz	-93.	0.	0.	0.
1- 1	si	9	Ty	0.	0.	-2.	2.
							PROGR.
							380.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		789.89057	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-94.	0.	0.	0.
1- 1	si	5	Tz	-94.	0.	0.	0.
1- 1	si	9	Ty	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (160- 161) 180
PROGR. 0.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		789.89057	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-94.	0.	0.	0.
1- 1	si	5	Tz	-94.	0.	0.	0.
1- 1	si	9	Ty	0.	0.	0.	0.
							PROGR.
							48.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		783.33725	0.	0.	0.000	0.000	-27.593
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-93.	0.	0.	0.
1- 1	si	5	Tz	-93.	0.	0.	0.
1- 1	si	9	Ty	0.	0.	2.	2.
							PROGR.
							95.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		763.67729	0.	0.	0.000	0.000	-55.186
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-90.	0.	0.	0.
1- 1	si	5	Tz	-90.	-1.	0.	1.
1- 1	si	9	Ty	0.	0.	5.	5.
							PROGR.
							142.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		730.91070	0.	0.	0.000	0.000	-82.779
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-87.	0.	0.	0.
1- 1	si	5	Tz	-87.	-1.	0.	1.
1- 1	si	9	Ty	0.	0.	7.	7.
							PROGR.
							190.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		685.03747	0.	0.	0.000	0.000	-110.372
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-81.	0.	0.	0.
1- 1	si	5	Tz	-81.	-1.	0.	1.
1- 1	si	9	Ty	0.	0.	9.	9.
							PROGR.
							238.

SOLLECITAZIONI :							
Caso	1- 1	MZ	MY	MT	N	TZ	TY
		626.05761	0.	0.	0.000	0.000	-137.965
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-74.	0.	0.	0.
1- 1	si	5	Tz	-74.	-2.	0.	2.
1- 1	si	9	Ty	0.	0.	11.	11.
							PROGR.
							285.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	553.97111	0.	0.	0.000	0.000	-165.558			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-66.	0.	0.	0.	66.	
1- 1	si	5	Tz	-66.	-2.	0.	2.	66.	
1- 1	si	9	Ty	0.	0.	14.	14.	23.	
									PROGR. 332.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	468.77797	0.	0.	0.000	0.000	-193.150			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-56.	0.	0.	0.	56.	
1- 1	si	5	Tz	-56.	-2.	0.	2.	56.	
1- 1	si	9	Ty	0.	0.	16.	16.	27.	
									PROGR. 380.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	370.47820	0.	0.	0.000	0.000	-220.743			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-44.	0.	0.	0.	44.	
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.	
1- 1	si	9	Ty	0.	0.	18.	18.	31.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (161- 162) 181
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	370.47820	0.	0.	0.000	0.000	-220.743			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-44.	0.	0.	0.	44.	
1- 1	si	5	Tz	-44.	-3.	0.	3.	44.	
1- 1	si	9	Ty	0.	0.	18.	18.	31.	
									PROGR. 19.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	329.02178	0.	0.	0.000	0.000	-221.458			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-39.	0.	0.	0.	39.	
1- 1	si	5	Tz	-39.	-3.	0.	3.	39.	
1- 1	si	9	Ty	0.	0.	18.	18.	31.	
1- 1	si	11	Si	-31.	0.	15.	15.	41.	
									PROGR. 37.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	287.43130	0.	0.	0.000	0.000	-222.173			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-34.	0.	0.	0.	34.	
1- 1	si	5	Tz	-34.	-3.	0.	3.	34.	
1- 1	si	9	Ty	0.	0.	18.	18.	31.	
1- 1	si	11	Si	-27.	0.	15.	15.	38.	
									PROGR. 56.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	245.70674	0.	0.	0.000	0.000	-222.889			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-29.	0.	0.	0.	29.	
1- 1	si	5	Tz	-29.	-3.	0.	3.	30.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	
1- 1	si	11	Si	-23.	0.	15.	15.	35.	
									PROGR. 75.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	203.84811	0.	0.	0.000	0.000	-223.604			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-24.	0.	0.	0.	24.	
1- 1	si	5	Tz	-24.	-3.	0.	3.	25.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	
1- 1	si	11	Si	-19.	0.	15.	15.	33.	
									PROGR. 94.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	161.85540	0.	0.	0.000	0.000	-224.319			
TENSIONI (Sz= 0.0) :									



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	-3.	0.	3.	20.
1-1	si	9	TySi	0.	0.	18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	119.72863	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	-3.	0.	3.	15.
1-1	si	9	TySi	0.	0.	18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.46778	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	-3.	0.	3.	10.
1-1	si	9	TySi	0.	0.	18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.07286	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	-3.	0.	3.	7.
1-1	si	9	TySi	0.	0.	18.	18.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (165- 166) 184
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	35.07286	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-4.	0.	0.	0.	4.
1-1	si	5	Tz	-4.	3.	0.	3.	7.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	77.46778	0.	0.	0.000	0.000	225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	3.	0.	3.	10.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	119.72863	0.	0.	0.000	0.000	225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	3.	0.	3.	15.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	161.85540	0.	0.	0.000	0.000	224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	3.	0.	3.	20.
1-1	si	9	TySi	0.	0.	-18.	18.	32.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	203.84811	0.	0.	0.000	0.000	223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-24.	0.	0.	0.	24.
1-1	si	5	Tz	-24.	3.	0.	3.	25.
1-1	si	9	Ty	0.	0.	-18.	18.	32.
1-1	si	11	Si	-19.	0.	-15.	15.	33.
PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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1- 1- 1	245.70674	0.	0.	0.000	0.000	222.889	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-29.	0.	0.	
1- 1- 1	si	5	Tz	-29.	3.	0.	
1- 1- 1	si	9	Ty	0.	0.	-18.	
1- 1- 1	si	11	Si	-23.	0.	-15.	
						Tau tot.	Si
						0.	29.
						3.	30.
						18.	32.
						15.	35.
						PROGR.	112.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	287.43130	0.	0.	0.000	0.000	222.173	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-34.	0.	0.	
1- 1- 1	si	5	Tz	-34.	3.	0.	
1- 1- 1	si	9	Ty	0.	0.	-18.	
1- 1- 1	si	11	Si	-27.	0.	-15.	
						Tau tot.	Si
						0.	34.
						3.	34.
						18.	31.
						15.	38.
						PROGR.	131.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	329.02178	0.	0.	0.000	0.000	221.458	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-39.	0.	0.	
1- 1- 1	si	5	Tz	-39.	3.	0.	
1- 1- 1	si	9	Ty	0.	0.	-18.	
1- 1- 1	si	11	Si	-31.	0.	-15.	
						Tau tot.	Si
						0.	39.
						3.	39.
						18.	31.
						15.	41.
						PROGR.	150.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	370.47820	0.	0.	0.000	0.000	220.743	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-44.	0.	0.	
1- 1- 1	si	5	Tz	-44.	3.	0.	
1- 1- 1	si	9	Ty	0.	0.	-18.	
						Tau tot.	Si
						0.	44.
						3.	44.
						18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_s001 (1) stato limite ultimo - ASTA (166- 167) 185
PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	370.47820	0.	0.	0.000	0.000	220.743	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-44.	0.	0.	
1- 1- 1	si	5	Tz	-44.	3.	0.	
1- 1- 1	si	9	Ty	0.	0.	-18.	
						Tau tot.	Si
						0.	44.
						3.	44.
						18.	31.
						PROGR.	48.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	468.77797	0.	0.	0.000	0.000	193.150	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-56.	0.	0.	
1- 1- 1	si	5	Tz	-56.	2.	0.	
1- 1- 1	si	9	Ty	0.	0.	-16.	
						Tau tot.	Si
						0.	56.
						2.	56.
						16.	27.
						PROGR.	95.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	553.97111	0.	0.	0.000	0.000	165.558	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-66.	0.	0.	
1- 1- 1	si	5	Tz	-66.	2.	0.	
1- 1- 1	si	9	Ty	0.	0.	-14.	
						Tau tot.	Si
						0.	66.
						2.	66.
						14.	23.
						PROGR.	142.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	626.05761	0.	0.	0.000	0.000	137.965	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-74.	0.	0.	
1- 1- 1	si	5	Tz	-74.	2.	0.	
1- 1- 1	si	9	Ty	0.	0.	-11.	
						Tau tot.	Si
						0.	74.
						2.	74.
						11.	20.
						PROGR.	190.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1- 1	685.03747	0.	0.	0.000	0.000	110.372	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	
1- 1- 1	si	1	Sx	-81.	0.	0.	
1- 1- 1	si	5	Tz	-81.	1.	0.	
						Tau tot.	Si
						0.	81.
						1.	81.



1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
730.91070			0.	0.	0.000	0.000	82.779	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-87.	0.	0.	0.	87.
1-1	si	5	Tz	-87.	1.	0.	1.	87.
1-1	si	9	Ty	0.	0.	-7.	7.	12.
PROGR.								285.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
763.67729			0.	0.	0.000	0.000	55.186	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-90.	0.	0.	0.	90.
1-1	si	5	Tz	-90.	1.	0.	1.	90.
1-1	si	9	Ty	0.	0.	-5.	5.	8.
PROGR.								332.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
783.33725			0.	0.	0.000	0.000	27.593	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-93.	0.	0.	0.	93.
1-1	si	5	Tz	-93.	0.	0.	0.	93.
1-1	si	9	Ty	0.	0.	-2.	2.	4.
PROGR.								380.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
789.89057			0.	0.	0.000	0.000	0.000	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (167- 168) 186
PROGR. 0.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
789.89057			0.	0.	0.000	0.000	0.000	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-94.	0.	0.	0.	94.
1-1	si	5	Tz	-94.	0.	0.	0.	94.
1-1	si	9	Ty	0.	0.	0.	0.	0.
PROGR.								48.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
783.33725			0.	0.	0.000	0.000	-27.593	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-93.	0.	0.	0.	93.
1-1	si	5	Tz	-93.	0.	0.	0.	93.
1-1	si	9	Ty	0.	0.	2.	2.	4.
PROGR.								95.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
763.67729			0.	0.	0.000	0.000	-55.186	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-90.	0.	0.	0.	90.
1-1	si	5	Tz	-90.	-1.	0.	1.	90.
1-1	si	9	Ty	0.	0.	5.	5.	8.
PROGR.								142.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
730.91070			0.	0.	0.000	0.000	-82.779	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-87.	0.	0.	0.	87.
1-1	si	5	Tz	-87.	-1.	0.	1.	87.
1-1	si	9	Ty	0.	0.	7.	7.	12.
PROGR.								190.

1-1	si	9	Ty	0.	0.	-9.	9.	16.
SOLLECITAZIONI :								238.
Caso	1-1	MZ	MY	MT	N	TZ	TY	
685.03747			0.	0.	0.000	0.000	-110.372	
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-81.	0.	0.	0.	81.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	5	Tz	Si	-81.	-1.	0.	1.	81.
1-1	si	9	Ty		0.	0.	9.	9.	16.
PROGR.									
238.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	626.05761	0.	0.	0.000	0.000	-137.965		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-74.	0.	0.	0.	74.
1-1	si	5	Tz	-74.	-2.	0.	2.	74.
1-1	si	9	Ty	0.	0.	11.	11.	20.
PROGR.								
285.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	553.97111	0.	0.	0.000	0.000	-165.558		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-66.	0.	0.	0.	66.
1-1	si	5	Tz	-66.	-2.	0.	2.	66.
1-1	si	9	Ty	0.	0.	14.	14.	23.
PROGR.								
332.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	468.77797	0.	0.	0.000	0.000	-193.150		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-56.	0.	0.	0.	56.
1-1	si	5	Tz	-56.	-2.	0.	2.	56.
1-1	si	9	Ty	0.	0.	16.	16.	27.
PROGR.								
380.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	370.47820	0.	0.	0.000	0.000	-220.743		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (168- 169) 187 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	370.47820	0.	0.	0.000	0.000	-220.743		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-44.	0.	0.	0.	44.
1-1	si	5	Tz	-44.	-3.	0.	3.	44.
1-1	si	9	Ty	0.	0.	18.	18.	31.
PROGR.								
19.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	329.02178	0.	0.	0.000	0.000	-221.458		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-39.	0.	0.	0.	39.
1-1	si	5	Tz	-39.	-3.	0.	3.	39.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-31.	0.	15.	15.	41.
PROGR.								
38.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	287.43130	0.	0.	0.000	0.000	-222.173		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-34.	0.	0.	0.	34.
1-1	si	5	Tz	-34.	-3.	0.	3.	34.
1-1	si	9	Ty	0.	0.	18.	18.	31.
1-1	si	11	Si	-27.	0.	15.	15.	38.
PROGR.								
56.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1-1	245.70674	0.	0.	0.000	0.000	-222.889		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-29.	0.	0.	0.	29.
1-1	si	5	Tz	-29.	-3.	0.	3.	30.
1-1	si	9	Ty	0.	0.	18.	18.	32.
1-1	si	11	Si	-23.	0.	15.	15.	35.
PROGR.								
75.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	1	203.84811		0.	0.	0.000	0.000	-223.604
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-24.	0.	0.	0.	24.
1- 1	si	5	Tz	-24.	-3.	0.	3.	25.
1- 1	si	9	Ty	0.	0.	18.	18.	32.
1- 1	si	11	Si	-19.	0.	15.	15.	33.
								PROGR.
94.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		161.85540		0.	0.	0.000	0.000	-224.319
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	-3.	0.	3.	20.
1- 1	si	9	TySi	0.	0.	18.	18.	32.
								PROGR.
112.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		119.72863		0.	0.	0.000	0.000	-225.034
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	-3.	0.	3.	15.
1- 1	si	9	TySi	0.	0.	18.	18.	32.
								PROGR.
131.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		77.46778		0.	0.	0.000	0.000	-225.749
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	-3.	0.	3.	10.
1- 1	si	9	TySi	0.	0.	18.	18.	32.
								PROGR.
150.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		35.07286		0.	0.	0.000	0.000	-226.464
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-4.	0.	0.	0.	4.
1- 1	si	5	Tz	-4.	-3.	0.	3.	7.
1- 1	si	9	TySi	0.	0.	18.	18.	32.
								PROGR.
32.								

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (172- 173) 194
PROGR. 0.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		27.09208		0.	0.	0.000	0.000	226.464
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-3.	0.	0.	0.	3.
1- 1	si	5	Tz	-3.	3.	0.	3.	6.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR.
19.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		69.48700		0.	0.	0.000	0.000	225.749
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-8.	0.	0.	0.	8.
1- 1	si	5	Tz	-8.	3.	0.	3.	10.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR.
38.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		111.74785		0.	0.	0.000	0.000	225.034
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-13.	0.	0.	0.	13.
1- 1	si	5	Tz	-13.	3.	0.	3.	14.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR.
56.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
1- 1		153.87462		0.	0.	0.000	0.000	224.319
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-18.	0.	0.	0.	18.
1- 1	si	5	Tz	-18.	3.	0.	3.	19.
1- 1	si	9	TySi	0.	0.	-18.	18.	32.
								PROGR.
75.								



SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	195.86732	0.	0.	0.000	0.000	223.604
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-23.	0.	0.	0.
1- 1	si	5	Tz	-23.	3.	0.	3.
1- 1	si	9	Ty	0.	0.	-18.	18.
1- 1	si	11	Si	-19.	0.	-15.	15.
							PROGR.
							94.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	237.72596	0.	0.	0.000	0.000	222.889
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-28.	0.	0.	0.
1- 1	si	5	Tz	-28.	3.	0.	3.
1- 1	si	9	Ty	0.	0.	-18.	18.
1- 1	si	11	Si	-23.	0.	-15.	15.
							PROGR.
							112.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	279.45051	0.	0.	0.000	0.000	222.173
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-33.	0.	0.	0.
1- 1	si	5	Tz	-33.	3.	0.	3.
1- 1	si	9	Ty	0.	0.	-18.	18.
1- 1	si	11	Si	-26.	0.	-15.	15.
							PROGR.
							131.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	321.04100	0.	0.	0.000	0.000	221.458
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-38.	0.	0.	0.
1- 1	si	5	Tz	-38.	3.	0.	3.
1- 1	si	9	Ty	0.	0.	-18.	18.
1- 1	si	11	Si	-30.	0.	-15.	15.
							PROGR.
							150.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	362.49742	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-43.	0.	0.	0.
1- 1	si	5	Tz	-43.	3.	0.	3.
1- 1	si	9	Ty	0.	0.	-18.	18.
1- 1	si	11	Si	-34.	0.	-15.	15.
							PROGR.
							43.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (173- 174) 195
PROGR. 0.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	362.49742	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-43.	0.	0.	0.
1- 1	si	5	Tz	-43.	3.	0.	3.
1- 1	si	9	Ty	0.	0.	-18.	18.
1- 1	si	11	Si	-34.	0.	-15.	15.
							PROGR.
							48.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	460.79719	0.	0.	0.000	0.000	193.150
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-55.	0.	0.	0.
1- 1	si	5	Tz	-55.	2.	0.	2.
1- 1	si	9	Ty	0.	0.	-16.	16.
							PROGR.
							95.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso	1- 1	545.99033	0.	0.	0.000	0.000	165.558
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	1	Sx	-65.	0.	0.	0.
1- 1	si	5	Tz	-65.	2.	0.	2.
1- 1	si	9	Ty	0.	0.	-14.	14.
							PROGR.
							142.

SOLLECITAZIONI :		MZ	MY	MT	N	TZ	TY
Caso							



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	618.07683	0.	0.	0.000	0.000	137.965
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-73.	0.	0.	0.
1- 1	si 5	Tz	-73.	2.	0.	2.
1- 1	si 9	Ty	0.	0.	-11.	11.
						PROGR.
						190.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	677.05669	0.	0.	0.000	0.000	110.372
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-80.	0.	0.	0.
1- 1	si 5	Tz	-80.	1.	0.	1.
1- 1	si 9	Ty	0.	0.	-9.	9.
						PROGR.
						238.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	722.92992	0.	0.	0.000	0.000	82.779
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-86.	0.	0.	0.
1- 1	si 5	Tz	-86.	1.	0.	1.
1- 1	si 9	Ty	0.	0.	-7.	7.
						PROGR.
						285.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	755.69651	0.	0.	0.000	0.000	55.186
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-90.	0.	0.	0.
1- 1	si 5	Tz	-90.	1.	0.	1.
1- 1	si 9	Ty	0.	0.	-5.	5.
						PROGR.
						332.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	775.35647	0.	0.	0.000	0.000	27.593
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-92.	0.	0.	0.
1- 1	si 5	Tz	-92.	0.	0.	0.
1- 1	si 9	Ty	0.	0.	-2.	2.
						PROGR.
						380.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	781.90979	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-93.	0.	0.	0.
1- 1	si 5	Tz	-93.	0.	0.	0.
1- 1	si 9	Ty	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (174- 175) 196

PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	781.90979	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-93.	0.	0.	0.
1- 1	si 5	Tz	-93.	0.	0.	0.
1- 1	si 9	Ty	0.	0.	0.	0.
						PROGR.
						48.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	775.35647	0.	0.	0.000	0.000	-27.593
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-92.	0.	0.	0.
1- 1	si 5	Tz	-92.	0.	0.	0.
1- 1	si 9	Ty	0.	0.	2.	2.
						PROGR.
						95.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	755.69651	0.	0.	0.000	0.000	-55.186
TENSIONI (Sz= 0.0) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si 1	Sx	-90.	0.	0.	0.
1- 1	si 5	Tz	-90.	-1.	0.	1.
1- 1	si 9	Ty	0.	0.	5.	5.
						PROGR.
						142.

SOLLECITAZIONI :



Caso	1- 1	MZ	722.92992	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-82.779
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-86.		0.		0.		0.		86.	
1- 1	si	5	Tz	-86.		-1.		0.		1.		86.	
1- 1	si	9	Ty	0.		0.		7.		7.		12.	
												PROGR.	190.

SOLLECITAZIONI :													
Caso	1- 1	MZ	677.05669	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-110.372
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-80.		0.		0.		0.		80.	
1- 1	si	5	Tz	-80.		-1.		0.		1.		80.	
1- 1	si	9	Ty	0.		0.		9.		9.		16.	
												PROGR.	238.

SOLLECITAZIONI :													
Caso	1- 1	MZ	618.07683	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-137.965
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-73.		0.		0.		0.		73.	
1- 1	si	5	Tz	-73.		-2.		0.		2.		73.	
1- 1	si	9	Ty	0.		0.		11.		11.		20.	
												PROGR.	285.

SOLLECITAZIONI :													
Caso	1- 1	MZ	545.99033	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-165.558
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-65.		0.		0.		0.		65.	
1- 1	si	5	Tz	-65.		-2.		0.		2.		65.	
1- 1	si	9	Ty	0.		0.		14.		14.		23.	
												PROGR.	332.

SOLLECITAZIONI :													
Caso	1- 1	MZ	460.79719	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-193.150
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-55.		0.		0.		0.		55.	
1- 1	si	5	Tz	-55.		-2.		0.		2.		55.	
1- 1	si	9	Ty	0.		0.		16.		16.		27.	
												PROGR.	380.

SOLLECITAZIONI :													
Caso	1- 1	MZ	362.49742	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-220.743
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-43.		0.		0.		0.		43.	
1- 1	si	5	Tz	-43.		-3.		0.		3.		43.	
1- 1	si	9	Ty	0.		0.		18.		18.		31.	
1- 1	si	11	Si	-34.		0.		15.		15.		43.	
												PROGR.	19.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (175- 176) 197
PROGR. 0.

SOLLECITAZIONI :													
Caso	1- 1	MZ	362.49742	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-220.743
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-43.		0.		0.		0.		43.	
1- 1	si	5	Tz	-43.		-3.		0.		3.		43.	
1- 1	si	9	Ty	0.		0.		18.		18.		31.	
1- 1	si	11	Si	-34.		0.		15.		15.		43.	
												PROGR.	19.

SOLLECITAZIONI :													
Caso	1- 1	MZ	321.04100	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-221.458
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-38.		0.		0.		0.		38.	
1- 1	si	5	Tz	-38.		-3.		0.		3.		38.	
1- 1	si	9	Ty	0.		0.		18.		18.		31.	
1- 1	si	11	Si	-30.		0.		15.		15.		40.	
												PROGR.	37.

SOLLECITAZIONI :													
Caso	1- 1	MZ	279.45051	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	-222.173
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-33.		0.		0.		0.		33.	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1-1	si	5	Tz	-33.	-3.	0.	3.	33.	
1-1	si	9	Ty	0.	0.	18.	18.	31.	
1-1	si	11	Si	-26.	0.	15.	15.	37.	
								PROGR.	56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	237.72596	0.	0.	0.000	0.000	-222.889

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-28.	0.	0.	0.	28.	
1-1	si	5	Tz	-28.	-3.	0.	3.	29.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-23.	0.	15.	15.	35.	
								PROGR.	75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	195.86732	0.	0.	0.000	0.000	-223.604

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-23.	0.	0.	0.	23.	
1-1	si	5	Tz	-23.	-3.	0.	3.	24.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
1-1	si	11	Si	-19.	0.	15.	15.	33.	
								PROGR.	94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	153.87462	0.	0.	0.000	0.000	-224.319

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-18.	0.	0.	0.	18.	
1-1	si	5	Tz	-18.	-3.	0.	3.	19.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	111.74785	0.	0.	0.000	0.000	-225.034

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-13.	0.	0.	0.	13.	
1-1	si	5	Tz	-13.	-3.	0.	3.	14.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	69.48700	0.	0.	0.000	0.000	-225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-8.	0.	0.	0.	8.	
1-1	si	5	Tz	-8.	-3.	0.	3.	10.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.09208	0.	0.	0.000	0.000	-226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-3.	0.	0.	0.	3.	
1-1	si	5	Tz	-3.	-3.	0.	3.	6.	
1-1	si	9	Ty	0.	0.	18.	18.	32.	
								PROGR.	32.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (179- 180) 200
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.09208	0.	0.	0.000	0.000	226.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-3.	0.	0.	0.	3.	
1-1	si	5	Tz	-3.	3.	0.	3.	6.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
								PROGR.	19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	69.48700	0.	0.	0.000	0.000	225.749

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1-1	si	1	Sx	-8.	0.	0.	0.	8.	
1-1	si	5	Tz	-8.	3.	0.	3.	10.	
1-1	si	9	Ty	0.	0.	-18.	18.	32.	
								PROGR.	38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

1- 1	111.74785	0.	0.	0.000	0.000	225.034
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-13.	0.	0.	0.	13.
1- 1 si 5	Tz	-13.	3.	0.	3.	14.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	153.87462	0.	0.	0.000	0.000	224.319
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-18.	0.	0.	0.	18.
1- 1 si 5	Tz	-18.	3.	0.	3.	19.
1- 1 si 9	TySi	0.	0.	-18.	18.	32.
						PROGR. 75.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	195.86732	0.	0.	0.000	0.000	223.604
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-23.	0.	0.	0.	23.
1- 1 si 5	Tz	-23.	3.	0.	3.	24.
1- 1 si 9	Ty	0.	0.	-18.	18.	32.
1- 1 si 11	Si	-19.	0.	-15.	15.	33.
						PROGR. 94.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	237.72596	0.	0.	0.000	0.000	222.889
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-28.	0.	0.	0.	28.
1- 1 si 5	Tz	-28.	3.	0.	3.	29.
1- 1 si 9	Ty	0.	0.	-18.	18.	32.
1- 1 si 11	Si	-23.	0.	-15.	15.	35.
						PROGR. 112.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	279.45051	0.	0.	0.000	0.000	222.173
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-33.	0.	0.	0.	33.
1- 1 si 5	Tz	-33.	3.	0.	3.	33.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-26.	0.	-15.	15.	37.
						PROGR. 131.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	321.04100	0.	0.	0.000	0.000	221.458
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-38.	0.	0.	0.	38.
1- 1 si 5	Tz	-38.	3.	0.	3.	38.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-30.	0.	-15.	15.	40.
						PROGR. 150.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-43.	0.	0.	0.	43.
1- 1 si 5	Tz	-43.	3.	0.	3.	43.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-34.	0.	-15.	15.	43.
						PROGR. 48.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (180- 181) 201 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	220.743
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1 si 1	Sx	-43.	0.	0.	0.	43.
1- 1 si 5	Tz	-43.	3.	0.	3.	43.
1- 1 si 9	Ty	0.	0.	-18.	18.	31.
1- 1 si 11	Si	-34.	0.	-15.	15.	43.
						PROGR. 48.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	460.79719	0.	0.	0.000	0.000	193.150
TENSIONI (Sz= 0.0) :						



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-55.	0.	0.	0.	55.	
1- 1	si	5	Tz Si	-55.	2.	0.	2.	55.	
1- 1	si	9	Ty	0.	0.	-16.	16.	27.	
								PROGR.	95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	545.99033	0.	0.	0.000	0.000	165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-65.	0.	0.	0.	65.	
1- 1	si	5	Tz Si	-65.	2.	0.	2.	65.	
1- 1	si	9	Ty	0.	0.	-14.	14.	23.	
								PROGR.	142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	618.07683	0.	0.	0.000	0.000	137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-73.	0.	0.	0.	73.	
1- 1	si	5	Tz Si	-73.	2.	0.	2.	73.	
1- 1	si	9	Ty	0.	0.	-11.	11.	20.	
								PROGR.	190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	677.05669	0.	0.	0.000	0.000	110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-80.	0.	0.	0.	80.	
1- 1	si	5	Tz Si	-80.	1.	0.	1.	80.	
1- 1	si	9	Ty	0.	0.	-9.	9.	16.	
								PROGR.	238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	722.92992	0.	0.	0.000	0.000	82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-86.	0.	0.	0.	86.	
1- 1	si	5	Tz Si	-86.	1.	0.	1.	86.	
1- 1	si	9	Ty	0.	0.	-7.	7.	12.	
								PROGR.	285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	755.69651	0.	0.	0.000	0.000	55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-90.	0.	0.	0.	90.	
1- 1	si	5	Tz Si	-90.	1.	0.	1.	90.	
1- 1	si	9	Ty	0.	0.	-5.	5.	8.	
								PROGR.	332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	775.35647	0.	0.	0.000	0.000	27.593

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-92.	0.	0.	0.	92.	
1- 1	si	5	Tz Si	-92.	0.	0.	0.	92.	
1- 1	si	9	Ty	0.	0.	-2.	2.	4.	
								PROGR.	380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	781.90979	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx Si	-93.	0.	0.	0.	93.
1- 1	si	5	Tz Si	-93.	0.	0.	0.	93.
1- 1	si	9	Ty	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (181- 182) 202 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	781.90979	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx Si	-93.	0.	0.	0.	93.	
1- 1	si	5	Tz Si	-93.	0.	0.	0.	93.	
1- 1	si	9	Ty	0.	0.	0.	0.	0.	
								PROGR.	48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	775.35647	0.	0.	0.000	0.000	-27.593



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-92.	0.	0.	0.	92.
1- 1	si	5	Tz Si	-92.	0.	0.	0.	92.
1- 1	si	9	Ty	0.	0.	2.	2.	4.
								PROGR. 95.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	755.69651	0.	0.	0.000	0.000	-55.186

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-90.	0.	0.	0.	90.
1- 1	si	5	Tz Si	-90.	-1.	0.	1.	90.
1- 1	si	9	Ty	0.	0.	5.	5.	8.
								PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	722.92992	0.	0.	0.000	0.000	-82.779

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-86.	0.	0.	0.	86.
1- 1	si	5	Tz Si	-86.	-1.	0.	1.	86.
1- 1	si	9	Ty	0.	0.	7.	7.	12.
								PROGR. 190.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	677.05669	0.	0.	0.000	0.000	-110.372

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-80.	0.	0.	0.	80.
1- 1	si	5	Tz Si	-80.	-1.	0.	1.	80.
1- 1	si	9	Ty	0.	0.	9.	9.	16.
								PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	618.07683	0.	0.	0.000	0.000	-137.965

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-73.	0.	0.	0.	73.
1- 1	si	5	Tz Si	-73.	-2.	0.	2.	73.
1- 1	si	9	Ty	0.	0.	11.	11.	20.
								PROGR. 285.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	545.99033	0.	0.	0.000	0.000	-165.558

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-65.	0.	0.	0.	65.
1- 1	si	5	Tz Si	-65.	-2.	0.	2.	65.
1- 1	si	9	Ty	0.	0.	14.	14.	23.
								PROGR. 332.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	460.79719	0.	0.	0.000	0.000	-193.150

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-55.	0.	0.	0.	55.
1- 1	si	5	Tz Si	-55.	-2.	0.	2.	55.
1- 1	si	9	Ty	0.	0.	16.	16.	27.
								PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-43.	0.	0.	0.	43.
1- 1	si	5	Tz Si	-43.	-3.	0.	3.	43.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-34.	0.	15.	15.	43.
								PROGR. 19.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (182- 183) 203
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	362.49742	0.	0.	0.000	0.000	-220.743

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-43.	0.	0.	0.	43.
1- 1	si	5	Tz Si	-43.	-3.	0.	3.	43.
1- 1	si	9	Ty	0.	0.	18.	18.	31.
1- 1	si	11	Si	-34.	0.	15.	15.	43.
								PROGR. 19.



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	321.04100	0.	0.	0.000	0.000	-221.458			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-38.	0.	0.	0.	38.	
1- 1	si	5	Tz	-38.	-3.	0.	3.	38.	
1- 1	si	9	Ty	0.	0.	18.	18.	31.	
1- 1	si	11	Si	-30.	0.	15.	15.	40.	
									PROGR. 38.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	279.45051	0.	0.	0.000	0.000	-222.173			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-33.	0.	0.	0.	33.	
1- 1	si	5	Tz	-33.	-3.	0.	3.	33.	
1- 1	si	9	Ty	0.	0.	18.	18.	31.	
1- 1	si	11	Si	-26.	0.	15.	15.	37.	
									PROGR. 56.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	237.72596	0.	0.	0.000	0.000	-222.889			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-28.	0.	0.	0.	28.	
1- 1	si	5	Tz	-28.	-3.	0.	3.	29.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	
1- 1	si	11	Si	-23.	0.	15.	15.	35.	
									PROGR. 75.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	195.86732	0.	0.	0.000	0.000	-223.604			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-23.	0.	0.	0.	23.	
1- 1	si	5	Tz	-23.	-3.	0.	3.	24.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	
1- 1	si	11	Si	-19.	0.	15.	15.	33.	
									PROGR. 94.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	153.87462	0.	0.	0.000	0.000	-224.319			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-18.	0.	0.	0.	18.	
1- 1	si	5	Tz	-18.	-3.	0.	3.	19.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	
1- 1	si	11	Si	0.	0.	18.	18.	32.	
									PROGR. 112.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	111.74785	0.	0.	0.000	0.000	-225.034			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-13.	0.	0.	0.	13.	
1- 1	si	5	Tz	-13.	-3.	0.	3.	14.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	
									PROGR. 131.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	69.48700	0.	0.	0.000	0.000	-225.749			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-8.	0.	0.	0.	8.	
1- 1	si	5	Tz	-8.	-3.	0.	3.	10.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	
									PROGR. 150.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	27.09208	0.	0.	0.000	0.000	-226.464			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-3.	0.	0.	0.	3.	
1- 1	si	5	Tz	-3.	-3.	0.	3.	6.	
1- 1	si	9	Ty	0.	0.	18.	18.	32.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (190- 191) 214
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	27.88306	0.	0.	0.000	0.000	123.338			
TENSIONI (Sz= 0.0) :									



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-3.	0.	0.	0.	3.
1- 1	si	5	Tz	-3.	2.	0.	2.	4.
1- 1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	50.94184	0.	0.	0.000	0.000	122.623

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-6.	0.	0.	0.	6.
1- 1	si	5	Tz	-6.	2.	0.	2.	7.
1- 1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	73.86654	0.	0.	0.000	0.000	121.908

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	2.	0.	2.	9.
1- 1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	96.65717	0.	0.	0.000	0.000	121.193

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-11.	0.	0.	0.	11.
1- 1	si	5	Tz	-11.	2.	0.	2.	12.
1- 1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	119.31373	0.	0.	0.000	0.000	120.477

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	2.	0.	2.	14.
1- 1	si	9	Ty	0.	0.	-10.	10.	17.
1- 1	si	11	Si	-11.	0.	-8.	8.	18.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	141.83622	0.	0.	0.000	0.000	119.762

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-17.	0.	0.	0.	17.
1- 1	si	5	Tz	-17.	2.	0.	2.	17.
1- 1	si	9	Ty	0.	0.	-10.	10.	17.
1- 1	si	11	Si	-13.	0.	-8.	8.	20.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	164.22463	0.	0.	0.000	0.000	119.047

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	2.	0.	2.	20.
1- 1	si	9	Ty	0.	0.	-10.	10.	17.
1- 1	si	11	Si	-16.	0.	-8.	8.	21.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	186.47897	0.	0.	0.000	0.000	118.332

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-22.	0.	0.	0.	22.
1- 1	si	5	Tz	-22.	2.	0.	2.	22.
1- 1	si	9	Ty	0.	0.	-10.	10.	17.
1- 1	si	11	Si	-18.	0.	-8.	8.	23.

PROGR.								

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	208.59924	0.	0.	0.000	0.000	117.617

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-25.	0.	0.	0.	25.
1- 1	si	5	Tz	-25.	2.	0.	2.	25.
1- 1	si	9	Ty	0.	0.	-10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (191- 192) 215



-----										PROGR.	0.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		208.59924		0.		0.		0.000		0.000		117.617
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-25.		0.		0.		0.		25.
1- 1	si	5	Tz Si	-25.		2.		0.		2.		25.
1- 1	si	9	Ty	0.		0.		-10.		10.		17.
-----										PROGR.	48.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		260.97567		0.		0.		0.000		0.000		102.915
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-31.		0.		0.		0.		31.
1- 1	si	5	Tz Si	-31.		1.		0.		1.		31.
1- 1	si	9	Ty	0.		0.		-8.		8.		15.
-----										PROGR.	95.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		306.36858		0.		0.		0.000		0.000		88.213
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-36.		0.		0.		0.		36.
1- 1	si	5	Tz Si	-36.		1.		0.		1.		36.
1- 1	si	9	Ty	0.		0.		-7.		7.		12.
-----										PROGR.	142.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		344.77796		0.		0.		0.000		0.000		73.511
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-41.		0.		0.		0.		41.
1- 1	si	5	Tz Si	-41.		1.		0.		1.		41.
1- 1	si	9	Ty	0.		0.		-6.		6.		10.
-----										PROGR.	190.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		376.20382		0.		0.		0.000		0.000		58.809
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-45.		0.		0.		0.		45.
1- 1	si	5	Tz Si	-45.		1.		0.		1.		45.
1- 1	si	9	Ty	0.		0.		-5.		5.		8.
-----										PROGR.	238.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		400.64615		0.		0.		0.000		0.000		44.106
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-47.		0.		0.		0.		47.
1- 1	si	5	Tz Si	-47.		1.		0.		1.		47.
1- 1	si	9	Ty	0.		0.		-4.		4.		6.
-----										PROGR.	285.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		418.10496		0.		0.		0.000		0.000		29.404
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-50.		0.		0.		0.		50.
1- 1	si	5	Tz Si	-50.		0.		0.		0.		50.
1- 1	si	9	Ty	0.		0.		-2.		2.		4.
-----										PROGR.	332.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		428.58025		0.		0.		0.000		0.000		14.702
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-51.		0.		0.		0.		51.
1- 1	si	5	Tz Si	-51.		0.		0.		0.		51.
1- 1	si	9	Ty	0.		0.		-1.		1.		2.
-----										PROGR.	380.	
SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		432.07201		0.		0.		0.000		0.000		0.000
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	-51.		0.		0.		0.		51.
1- 1	si	5	Tz Si	-51.		0.		0.		0.		51.
1- 1	si	9	Ty	0.		0.		0.		0.		0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



P_HEM650_S001 (1) stato limite ultimo - ASTA (192- 193) 216
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	432.07201	0.	0.	0.000	0.000	0.000			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-51.	0.	0.	0.	51.	
1- 1	si	5	Tz	-51.	0.	0.	0.	51.	
1- 1	si	9	Ty	0.	0.	0.	0.	0.	
									PROGR. 48.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	428.58025	0.	0.	0.000	0.000	-14.702			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-51.	0.	0.	0.	51.	
1- 1	si	5	Tz	-51.	0.	0.	0.	51.	
1- 1	si	9	Ty	0.	0.	1.	1.	2.	
									PROGR. 95.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	418.10496	0.	0.	0.000	0.000	-29.404			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-50.	0.	0.	0.	50.	
1- 1	si	5	Tz	-50.	0.	0.	0.	50.	
1- 1	si	9	Ty	0.	0.	2.	2.	4.	
									PROGR. 142.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	400.64615	0.	0.	0.000	0.000	-44.106			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-47.	0.	0.	0.	47.	
1- 1	si	5	Tz	-47.	-1.	0.	1.	47.	
1- 1	si	9	Ty	0.	0.	4.	4.	6.	
									PROGR. 190.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	376.20382	0.	0.	0.000	0.000	-58.809			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-45.	0.	0.	0.	45.	
1- 1	si	5	Tz	-45.	-1.	0.	1.	45.	
1- 1	si	9	Ty	0.	0.	5.	5.	8.	
									PROGR. 238.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	344.77796	0.	0.	0.000	0.000	-73.511			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-41.	0.	0.	0.	41.	
1- 1	si	5	Tz	-41.	-1.	0.	1.	41.	
1- 1	si	9	Ty	0.	0.	6.	6.	10.	
									PROGR. 285.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	306.36858	0.	0.	0.000	0.000	-88.213			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-36.	0.	0.	0.	36.	
1- 1	si	5	Tz	-36.	-1.	0.	1.	36.	
1- 1	si	9	Ty	0.	0.	7.	7.	12.	
									PROGR. 332.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	260.97567	0.	0.	0.000	0.000	-102.915			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-31.	0.	0.	0.	31.	
1- 1	si	5	Tz	-31.	-1.	0.	1.	31.	
1- 1	si	9	Ty	0.	0.	8.	8.	15.	
									PROGR. 380.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	208.59924	0.	0.	0.000	0.000	-117.617			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-25.	0.	0.	0.	25.	
1- 1	si	5	Tz	-25.	-2.	0.	2.	25.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



P_HEM650_S001 (1) stato limite ultimo - ASTA (193- 194) 217
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	208.59924	0.	0.	0.000	0.000	-117.617			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-25.	0.	0.	0.	25.	
1- 1	si	5	Tz	-25.	-2.	0.	2.	25.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
PROGR. 19.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	186.47897	0.	0.	0.000	0.000	-118.332			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-22.	0.	0.	0.	22.	
1- 1	si	5	Tz	-22.	-2.	0.	2.	22.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
1- 1	si	11	Si	-18.	0.	8.	8.	23.	
PROGR. 37.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	164.22463	0.	0.	0.000	0.000	-119.047			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-19.	0.	0.	0.	19.	
1- 1	si	5	Tz	-19.	-2.	0.	2.	20.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
1- 1	si	11	Si	-16.	0.	8.	8.	21.	
PROGR. 56.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	141.83622	0.	0.	0.000	0.000	-119.762			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-17.	0.	0.	0.	17.	
1- 1	si	5	Tz	-17.	-2.	0.	2.	17.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
1- 1	si	11	Si	-13.	0.	8.	8.	20.	
PROGR. 75.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	119.31373	0.	0.	0.000	0.000	-120.477			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-14.	0.	0.	0.	14.	
1- 1	si	5	Tz	-14.	-2.	0.	2.	14.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
1- 1	si	11	Si	-11.	0.	8.	8.	18.	
PROGR. 94.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	96.65717	0.	0.	0.000	0.000	-121.193			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-11.	0.	0.	0.	11.	
1- 1	si	5	Tz	-11.	-2.	0.	2.	12.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
PROGR. 112.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	73.86654	0.	0.	0.000	0.000	-121.908			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-9.	0.	0.	0.	9.	
1- 1	si	5	Tz	-9.	-2.	0.	2.	9.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
PROGR. 131.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	50.94184	0.	0.	0.000	0.000	-122.623			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-6.	0.	0.	0.	6.	
1- 1	si	5	Tz	-6.	-2.	0.	2.	7.	
1- 1	si	9	Ty	0.	0.	10.	10.	17.	
PROGR. 150.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	27.88306	0.	0.	0.000	0.000	-123.338			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	1	Sx	-3.	0.	0.	0.	3.	



1-1	si	5	Tz	-3.	-2.	0.	2.	4.
1-1	si	9	TySi	0.	0.	10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (197- 198) 220
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	27.88306	0.	0.	0.000	0.000	123.338

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-3.	0.	0.	0.	3.
1-1	si	5	Tz	-3.	2.	0.	2.	4.
1-1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	50.94184	0.	0.	0.000	0.000	122.623

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-6.	0.	0.	0.	6.
1-1	si	5	Tz	-6.	2.	0.	2.	7.
1-1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	73.86654	0.	0.	0.000	0.000	121.908

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-9.	0.	0.	0.	9.
1-1	si	5	Tz	-9.	2.	0.	2.	9.
1-1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	96.65717	0.	0.	0.000	0.000	121.193

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-11.	0.	0.	0.	11.
1-1	si	5	Tz	-11.	2.	0.	2.	12.
1-1	si	9	TySi	0.	0.	-10.	10.	17.

PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	119.31373	0.	0.	0.000	0.000	120.477

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-14.	0.	0.	0.	14.
1-1	si	5	Tz	-14.	2.	0.	2.	14.
1-1	si	9	Ty	0.	0.	-10.	10.	17.
1-1	si	11	Si	-11.	0.	-8.	8.	18.

PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	141.83622	0.	0.	0.000	0.000	119.762

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-17.	0.	0.	0.	17.
1-1	si	5	Tz	-17.	2.	0.	2.	17.
1-1	si	9	Ty	0.	0.	-10.	10.	17.
1-1	si	11	Si	-13.	0.	-8.	8.	20.

PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	164.22463	0.	0.	0.000	0.000	119.047

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-19.	0.	0.	0.	19.
1-1	si	5	Tz	-19.	2.	0.	2.	20.
1-1	si	9	Ty	0.	0.	-10.	10.	17.
1-1	si	11	Si	-16.	0.	-8.	8.	21.

PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1-1	186.47897	0.	0.	0.000	0.000	118.332

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1-1	si	1	Sx	-22.	0.	0.	0.	22.
1-1	si	5	Tz	-22.	2.	0.	2.	22.
1-1	si	9	Ty	0.	0.	-10.	10.	17.
1-1	si	11	Si	-18.	0.	-8.	8.	23.

PROGR. 150.

SOLLECITAZIONI :



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Caso	1- 1	MZ	208.59924	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	117.617
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-25.		0.		0.		0.		25.	
1- 1	si	5	Tz Si	-25.		2.		0.		2.		25.	
1- 1	si	9	Ty	0.		0.		-10.		10.		17.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (198- 199) 221
PROGR. 0.

SOLLECITAZIONI :

Caso	1- 1	MZ	208.59924	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	117.617
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-25.		0.		0.		0.		25.	
1- 1	si	5	Tz Si	-25.		2.		0.		2.		25.	
1- 1	si	9	Ty	0.		0.		-10.		10.		17.	

PROGR. 48.

SOLLECITAZIONI :

Caso	1- 1	MZ	260.97567	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	102.915
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-31.		0.		0.		0.		31.	
1- 1	si	5	Tz Si	-31.		1.		0.		1.		31.	
1- 1	si	9	Ty	0.		0.		-8.		8.		15.	

PROGR. 95.

SOLLECITAZIONI :

Caso	1- 1	MZ	306.36858	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	88.213
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-36.		0.		0.		0.		36.	
1- 1	si	5	Tz Si	-36.		1.		0.		1.		36.	
1- 1	si	9	Ty	0.		0.		-7.		7.		12.	

PROGR. 142.

SOLLECITAZIONI :

Caso	1- 1	MZ	344.77796	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	73.511
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-41.		0.		0.		0.		41.	
1- 1	si	5	Tz Si	-41.		1.		0.		1.		41.	
1- 1	si	9	Ty	0.		0.		-6.		6.		10.	

PROGR. 190.

SOLLECITAZIONI :

Caso	1- 1	MZ	376.20382	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	58.809
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-45.		0.		0.		0.		45.	
1- 1	si	5	Tz Si	-45.		1.		0.		1.		45.	
1- 1	si	9	Ty	0.		0.		-5.		5.		8.	

PROGR. 238.

SOLLECITAZIONI :

Caso	1- 1	MZ	400.64615	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	44.106
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-47.		0.		0.		0.		47.	
1- 1	si	5	Tz Si	-47.		1.		0.		1.		47.	
1- 1	si	9	Ty	0.		0.		-4.		4.		6.	

PROGR. 285.

SOLLECITAZIONI :

Caso	1- 1	MZ	418.10496	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	29.404
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-50.		0.		0.		0.		50.	
1- 1	si	5	Tz Si	-50.		0.		0.		0.		50.	
1- 1	si	9	Ty	0.		0.		-2.		2.		4.	

PROGR. 332.

SOLLECITAZIONI :

Caso	1- 1	MZ	428.58025	MY	0.	MT	0.	N	0.000	TZ	0.000	TY	14.702
TENSIONI (Sz= 0.0) :													
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si	
1- 1	si	1	Sx	-51.		0.		0.		0.		51.	
1- 1	si	5	Tz Si	-51.		0.		0.		0.		51.	
1- 1	si	9	Ty	0.		0.		-1.		1.		2.	

PROGR. 380.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		432.07201		0.		0.		0.000		0.000		0.000
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-51.	0.		0.		0.		51.
1- 1	si	5	Tz	Si	-51.	0.		0.		0.		51.
1- 1	si	9	Ty		0.	0.		0.		0.		0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (199- 200) 222
PROGR. 0.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		432.07201		0.		0.		0.000		0.000		0.000
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-51.	0.		0.		0.		51.
1- 1	si	5	Tz	Si	-51.	0.		0.		0.		51.
1- 1	si	9	Ty		0.	0.		0.		0.		0.

PROGR. 48.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		428.58025		0.		0.		0.000		0.000		-14.702
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-51.	0.		0.		0.		51.
1- 1	si	5	Tz	Si	-51.	0.		0.		0.		51.
1- 1	si	9	Ty		0.	0.		1.		1.		2.

PROGR. 95.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		418.10496		0.		0.		0.000		0.000		-29.404
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-50.	0.		0.		0.		50.
1- 1	si	5	Tz	Si	-50.	0.		0.		0.		50.
1- 1	si	9	Ty		0.	0.		2.		2.		4.

PROGR. 142.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		400.64615		0.		0.		0.000		0.000		-44.106
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-47.	0.		0.		0.		47.
1- 1	si	5	Tz	Si	-47.	-1.		0.		1.		47.
1- 1	si	9	Ty		0.	0.		4.		4.		6.

PROGR. 190.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		376.20382		0.		0.		0.000		0.000		-58.809
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-45.	0.		0.		0.		45.
1- 1	si	5	Tz	Si	-45.	-1.		0.		1.		45.
1- 1	si	9	Ty		0.	0.		5.		5.		8.

PROGR. 238.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		344.77796		0.		0.		0.000		0.000		-73.511
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-41.	0.		0.		0.		41.
1- 1	si	5	Tz	Si	-41.	-1.		0.		1.		41.
1- 1	si	9	Ty		0.	0.		6.		6.		10.

PROGR. 285.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		306.36858		0.		0.		0.000		0.000		-88.213
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-36.	0.		0.		0.		36.
1- 1	si	5	Tz	Si	-36.	-1.		0.		1.		36.
1- 1	si	9	Ty		0.	0.		7.		7.		12.

PROGR. 332.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
1- 1		260.97567		0.		0.		0.000		0.000		-102.915
TENSIONI (Sz= 0.0) :												
Caso	Ve	No	massimi	Sx		Tz		Ty		Tau tot.		Si
1- 1	si	1	Sx	Si	-31.	0.		0.		0.		31.
1- 1	si	5	Tz	Si	-31.	-1.		0.		1.		31.
1- 1	si	9	Ty		0.	0.		8.		8.		15.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

----- PROGR. 380.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	208.59924	0.	0.	0.000	0.000	-117.617

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-25.	0.	0.	0.	25.
1- 1	si	5	Tz	-25.	-2.	0.	2.	25.
1- 1	si	9	Ty	0.	0.	10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEM650_S001 (1) stato limite ultimo - ASTA (200- 201) 223
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	208.59924	0.	0.	0.000	0.000	-117.617

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-25.	0.	0.	0.	25.
1- 1	si	5	Tz	-25.	-2.	0.	2.	25.
1- 1	si	9	Ty	0.	0.	10.	10.	17.

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	186.47897	0.	0.	0.000	0.000	-118.332

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-22.	0.	0.	0.	22.
1- 1	si	5	Tz	-22.	-2.	0.	2.	22.
1- 1	si	9	Ty	0.	0.	10.	10.	17.
1- 1	si	11	Si	-18.	0.	8.	8.	23.

----- PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	164.22463	0.	0.	0.000	0.000	-119.047

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-19.	0.	0.	0.	19.
1- 1	si	5	Tz	-19.	-2.	0.	2.	20.
1- 1	si	9	Ty	0.	0.	10.	10.	17.
1- 1	si	11	Si	-16.	0.	8.	8.	21.

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	141.83622	0.	0.	0.000	0.000	-119.762

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-17.	0.	0.	0.	17.
1- 1	si	5	Tz	-17.	-2.	0.	2.	17.
1- 1	si	9	Ty	0.	0.	10.	10.	17.
1- 1	si	11	Si	-13.	0.	8.	8.	20.

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	119.31373	0.	0.	0.000	0.000	-120.477

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-14.	0.	0.	0.	14.
1- 1	si	5	Tz	-14.	-2.	0.	2.	14.
1- 1	si	9	Ty	0.	0.	10.	10.	17.
1- 1	si	11	Si	-11.	0.	8.	8.	18.

----- PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	96.65717	0.	0.	0.000	0.000	-121.193

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-11.	0.	0.	0.	11.
1- 1	si	5	Tz	-11.	-2.	0.	2.	12.
1- 1	si	9	Ty	0.	0.	10.	10.	17.

----- PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	73.86654	0.	0.	0.000	0.000	-121.908

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-9.	0.	0.	0.	9.
1- 1	si	5	Tz	-9.	-2.	0.	2.	9.
1- 1	si	9	Ty	0.	0.	10.	10.	17.

----- PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	50.94184	0.	0.	0.000	0.000	-122.623



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-6.	0.	0.	0.	6.
1- 1	si	5	Tz	-6.	-2.	0.	2.	7.
1- 1	si	9	TySi	0.	0.	10.	10.	17.
								PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	27.88306	0.	0.	0.000	0.000	-123.338

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	1	Sx	-3.	0.	0.	0.	3.
1- 1	si	5	Tz	-3.	-2.	0.	2.	4.
1- 1	si	9	TySi	0.	0.	10.	10.	17.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (1- 5) 1 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.00000	0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 5.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.00758	0.	0.	0.000	0.000	-0.303

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.03032	0.	0.	0.000	0.000	-0.606

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 15.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.06821	0.	0.	0.000	0.000	-0.909

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.12127	0.	0.	0.000	0.000	-1.213

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 25.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.18948	0.	0.	0.000	0.000	-1.516

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 30.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.27285	0.	0.	0.000	0.000	-1.819

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.37138	0.	0.	0.000	0.000	-2.122

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.
								PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	0.	0.000	0.000	-2.425

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx Si	0.	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (2- 11) 2
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.00000	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 5.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.00758	0.	0.	0.000	0.000	-0.303
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 10.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.03032	0.	0.	0.000	0.000	-0.606
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 15.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.06821	0.	0.	0.000	0.000	-0.909
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 20.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.12127	0.	0.	0.000	0.000	-1.213
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 25.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.18948	0.	0.	0.000	0.000	-1.516
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 30.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.27285	0.	0.	0.000	0.000	-1.819
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 35.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.37138	0.	0.	0.000	0.000	-2.122
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 40.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	0.	0.000	0.000	-2.425
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (3- 12) 3
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	0.00000	0.	0.	0.000	0.000	0.000
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 5.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.00758	0.	0.	0.000	0.000	-0.303
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 10.						



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.03032	0.	0.	0.000	0.000	-0.606			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	15.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.06821	0.	0.	0.000	0.000	-0.909			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	20.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.12127	0.	0.	0.000	0.000	-1.213			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	25.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.18948	0.	0.	0.000	0.000	-1.516			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	30.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.27285	0.	0.	0.000	0.000	-1.819			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	35.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.37138	0.	0.	0.000	0.000	-2.122			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	40.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.48506	0.	0.	0.000	0.000	-2.425			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	
----- PROGR.									

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (4- 18) 4 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	0.00000	0.	0.	0.000	0.000	0.000			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	5.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.00758	0.	0.	0.000	0.000	-0.303			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	10.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.03032	0.	0.	0.000	0.000	-0.606			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	15.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.06821	0.	0.	0.000	0.000	-0.909			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	20.
----- PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.12127	0.	0.	0.000	0.000	-1.213			



TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								25.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.18948	0.	0.	0.000	0.000	-1.516

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								30.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.27285	0.	0.	0.000	0.000	-1.819

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.37138	0.	0.	0.000	0.000	-2.122

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	0.	0.000	0.000	-2.425

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (5- 19) 17

								PROGR.
								0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	-9.	0.000	0.000	-126.358

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								1.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-2.06501	0.	-9.	0.000	0.000	-126.434

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								2.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-3.64590	0.	-9.	0.000	0.000	-126.509

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								4.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-5.22775	0.	-9.	0.000	0.000	-126.585

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								5.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-6.81054	0.	-9.	0.000	0.000	-126.661

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								6.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-8.39427	0.	-9.	0.000	0.000	-126.737

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
								PROGR.
								8.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-9.97896	0.	-9.	0.000	0.000	-126.813

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.
								PROGR.
								1.



----- PROGR. 9.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-11.56459	0.	-9.	0.000	0.000	-126.888

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

----- PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	-9.	0.000	0.000	-126.964

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (11- 20) 18 0.

----- PROGR. 1.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	9.	0.000	0.000	-126.358

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 2.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-2.06501	0.	9.	0.000	0.000	-126.434

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 4.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-3.64590	0.	9.	0.000	0.000	-126.509

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 5.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-5.22775	0.	9.	0.000	0.000	-126.585

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 6.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-6.81054	0.	9.	0.000	0.000	-126.661

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 8.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-8.39427	0.	9.	0.000	0.000	-126.737

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 9.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-9.97896	0.	9.	0.000	0.000	-126.813

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

----- PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-11.56459	0.	9.	0.000	0.000	-126.888

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

----- PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	9.	0.000	0.000	-126.964

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (12- 21) 19
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.48506	0.	-9.	0.000	0.000	-126.358	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 1.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-2.06501	0.	-9.	0.000	0.000	-126.434	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 2.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-3.64590	0.	-9.	0.000	0.000	-126.509	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 4.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-5.22775	0.	-9.	0.000	0.000	-126.585	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 5.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-6.81054	0.	-9.	0.000	0.000	-126.661	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 6.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-8.39427	0.	-9.	0.000	0.000	-126.737	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 8.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-9.97896	0.	-9.	0.000	0.000	-126.813	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
----- PROGR. 9.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-11.56459	0.	-9.	0.000	0.000	-126.888	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
----- PROGR. 10.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-13.15117	0.	-9.	0.000	0.000	-126.964	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
----- PROGR. 1.							

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (18- 22) 20
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.48506	0.	9.	0.000	0.000	-126.358	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 1.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-2.06501	0.	9.	0.000	0.000	-126.434	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
----- PROGR. 2.							



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-3.64590	0.	9.	0.000	0.000	-126.509	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							PROGR.
							4.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-5.22775	0.	9.	0.000	0.000	-126.585	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							PROGR.
							5.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-6.81054	0.	9.	0.000	0.000	-126.661	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							PROGR.
							6.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-8.39427	0.	9.	0.000	0.000	-126.737	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							PROGR.
							8.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-9.97896	0.	9.	0.000	0.000	-126.813	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
							Si
							1.
							PROGR.
							9.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-11.56459	0.	9.	0.000	0.000	-126.888	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
							Si
							1.
							PROGR.
							10.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-13.15117	0.	9.	0.000	0.000	-126.964	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
							Si
							1.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (19- 23) 21
PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-13.15117	0.	-9.	0.000	0.000	1279.139	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
							Si
							1.
							PROGR.
							9.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	106.74149	0.	-9.	0.000	0.000	1278.571	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	6.	0.	0.
							Si
							6.
							PROGR.
							19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	226.58085	0.	-9.	0.000	0.000	1278.002	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	13.	0.	0.
							Si
							13.
							PROGR.
							28.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	346.36692	0.	-9.	0.000	0.000	1277.434	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	20.	0.	0.
							Si
							20.
							PROGR.
							38.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	466.09971	0.	-9.	0.000	0.000	1276.866	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	27.	0.	0.	27.

	PROGR.								
	47.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	585.77920	0.	-9.	0.000	0.000	1276.297		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	34.	0.	0.	34.

	PROGR.								
	56.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	705.40540	0.	-9.	0.000	0.000	1275.729		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	41.	0.	0.	41.

	PROGR.								
	66.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	824.97831	0.	-9.	0.000	0.000	1275.160		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	47.	0.	0.	47.

	PROGR.								
	75.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	944.49794	0.	-9.	0.000	0.000	1274.592		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	54.	0.	0.	54.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo	- ASTA (20- 29)	22
			0.

	PROGR.		

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	-13.15117	0.	9.	0.000	0.000	1279.139		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	-1.	0.	0.	1.

	PROGR.								
	9.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	106.74149	0.	9.	0.000	0.000	1278.571		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	6.	0.	0.	6.

	PROGR.								
	19.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	226.58085	0.	9.	0.000	0.000	1278.002		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	13.	0.	0.	13.

	PROGR.								
	28.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	346.36692	0.	9.	0.000	0.000	1277.434		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	20.	0.	0.	20.

	PROGR.								
	38.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	466.09971	0.	9.	0.000	0.000	1276.866		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	27.	0.	0.	27.

	PROGR.								
	47.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	585.77920	0.	9.	0.000	0.000	1276.297		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	34.	0.	0.	34.

	PROGR.								
	56.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY		
	1- 1	705.40540	0.	9.	0.000	0.000	1275.729		
TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	41.	0.	0.	41.



----- PROGR. 66.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	824.97831	0.	9.	0.000	0.000	1275.160		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	47.	0.	0.	47.
----- PROGR. 75.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	944.49794	0.	9.	0.000	0.000	1274.592		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	54.	0.	0.	54.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (21- 30) 23
----- PROGR. 0.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-13.15117	0.	-9.	0.000	0.000	-135.604		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.
----- PROGR. 9.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-25.89070	0.	-9.	0.000	0.000	-136.173		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.
----- PROGR. 19.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-38.68353	0.	-9.	0.000	0.000	-136.741		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-2.	0.	0.	2.
----- PROGR. 28.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-51.52964	0.	-9.	0.000	0.000	-137.309		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-3.	0.	0.	3.
----- PROGR. 38.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-64.42905	0.	-9.	0.000	0.000	-137.878		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-4.	0.	0.	4.
----- PROGR. 47.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-77.38175	0.	-9.	0.000	0.000	-138.446		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-4.	0.	0.	4.
----- PROGR. 56.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-90.38774	0.	-9.	0.000	0.000	-139.015		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-5.	0.	0.	5.
----- PROGR. 66.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-103.44701	0.	-9.	0.000	0.000	-139.583		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-6.	0.	0.	6.
----- PROGR. 75.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-116.55958	0.	-9.	0.000	0.000	-140.152		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-7.	0.	0.	7.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2)	stato limite ultimo - ASTA (22- 36)							24
								PROGR.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-13.15117	0.	9.	0.000	0.000	-135.604		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.
								PROGR.
SOLLECITAZIONI :								9.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-25.89070	0.	9.	0.000	0.000	-136.173		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.
								PROGR.
SOLLECITAZIONI :								19.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-38.68353	0.	9.	0.000	0.000	-136.741		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-2.	0.	0.	2.
								PROGR.
SOLLECITAZIONI :								28.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-51.52964	0.	9.	0.000	0.000	-137.309		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-3.	0.	0.	3.
								PROGR.
SOLLECITAZIONI :								38.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-64.42905	0.	9.	0.000	0.000	-137.878		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-4.	0.	0.	4.
								PROGR.
SOLLECITAZIONI :								47.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-77.38175	0.	9.	0.000	0.000	-138.446		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-4.	0.	0.	4.
								PROGR.
SOLLECITAZIONI :								56.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-90.38774	0.	9.	0.000	0.000	-139.015		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-5.	0.	0.	5.
								PROGR.
SOLLECITAZIONI :								66.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-103.44701	0.	9.	0.000	0.000	-139.583		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-6.	0.	0.	6.
								PROGR.
SOLLECITAZIONI :								75.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-116.55958	0.	9.	0.000	0.000	-140.152		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-7.	0.	0.	7.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (23- 37)							37
								PROGR.
SOLLECITAZIONI :								0.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	944.49794	0.	0.	0.000	0.000	1047.533		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	54.	0.	0.	54.
								PROGR.
SOLLECITAZIONI :								11.
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	1055.76410	0.	0.	0.000	0.000	1046.889		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	61.	0.	0.	61.
								PROGR.
SOLLECITAZIONI :								21.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1166.96181	0.	0.	0.000	0.000	1046.245	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	67.	0.	0.
							Si
							67.
							32.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1278.09108	0.	0.	0.000	0.000	1045.600	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	73.	0.	0.
							Si
							73.
							42.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1389.15189	0.	0.	0.000	0.000	1044.956	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	80.	0.	0.
							Si
							80.
							53.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1500.14426	0.	0.	0.000	0.000	1044.312	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	86.	0.	0.
							Si
							86.
							64.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1611.06818	0.	0.	0.000	0.000	1043.668	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	93.	0.	0.
							Si
							93.
							74.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1721.92365	0.	0.	0.000	0.000	1043.024	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	99.	0.	0.
							Si
							99.
							85.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1832.71067	0.	0.	0.000	0.000	1042.379	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	105.	0.	0.
							Si
							105.
PROGR.							

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (29- 43) 38 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	944.49794	0.	0.	0.000	0.000	1047.533	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	54.	0.	0.
							Si
							54.
							11.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1055.76410	0.	0.	0.000	0.000	1046.889	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	61.	0.	0.
							Si
							61.
							21.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1166.96181	0.	0.	0.000	0.000	1046.245	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	67.	0.	0.
							Si
							67.
							32.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1278.09108	0.	0.	0.000	0.000	1045.600	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	73.	0.	0.
							Si
							73.
							42.
PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1389.15189	0.	0.	0.000	0.000	1044.956	



TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	80.	0.	0.
						Tau tot.
						0.
						Si
						80.
						PROGR.
						53.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1500.14426	0.	0.	0.000	0.000	1044.312
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	86.	0.	0.
						Tau tot.
						0.
						Si
						86.
						PROGR.
						64.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1611.06818	0.	0.	0.000	0.000	1043.668
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	93.	0.	0.
						Tau tot.
						0.
						Si
						93.
						PROGR.
						74.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1721.92365	0.	0.	0.000	0.000	1043.024
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	99.	0.	0.
						Tau tot.
						0.
						Si
						99.
						PROGR.
						85.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1832.71067	0.	0.	0.000	0.000	1042.379
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	105.	0.	0.
						Tau tot.
						0.
						Si
						105.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo	- ASTA (30- 44)	39
			PROGR.
			0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-116.55958	0.	0.	0.000	0.000	-367.210
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-7.	0.	0.
						Tau tot.
						0.
						Si
						7.
						PROGR.
						11.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-155.60990	0.	0.	0.000	0.000	-367.855
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-9.	0.	0.
						Tau tot.
						0.
						Si
						9.
						PROGR.
						21.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-194.72867	0.	0.	0.000	0.000	-368.499
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-11.	0.	0.
						Tau tot.
						0.
						Si
						11.
						PROGR.
						32.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-233.91589	0.	0.	0.000	0.000	-369.143
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-13.	0.	0.
						Tau tot.
						0.
						Si
						13.
						PROGR.
						42.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-273.17155	0.	0.	0.000	0.000	-369.787
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-16.	0.	0.
						Tau tot.
						0.
						Si
						16.
						PROGR.
						53.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-312.49567	0.	0.	0.000	0.000	-370.431
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-18.	0.	0.
						Tau tot.
						0.
						Si
						18.
						PROGR.
						64.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-351.88823	0.	0.	0.000	0.000	-371.076
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-20.	0.	0.
						Tau tot.
						0.
						Si
						20.



----- PROGR. 74.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -391.34924 0. 0. 0.000 0.000 -371.720
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -23. 0. 0. 0. 23.
 ----- PROGR. 85.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -430.87870 0. 0. 0.000 0.000 -372.364
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -25. 0. 0. 0. 25.
 ----- PROGR. 85.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (36- 50) 40
----- PROGR. 0.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -116.55958 0. 0. 0.000 0.000 -367.210
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -7. 0. 0. 0. 7.
 ----- PROGR. 11.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -155.60990 0. 0. 0.000 0.000 -367.855
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -9. 0. 0. 0. 9.
 ----- PROGR. 21.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -194.72867 0. 0. 0.000 0.000 -368.499
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -11. 0. 0. 0. 11.
 ----- PROGR. 32.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -233.91589 0. 0. 0.000 0.000 -369.143
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -13. 0. 0. 0. 13.
 ----- PROGR. 42.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -273.17155 0. 0. 0.000 0.000 -369.787
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -16. 0. 0. 0. 16.
 ----- PROGR. 53.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -312.49567 0. 0. 0.000 0.000 -370.431
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -18. 0. 0. 0. 18.
 ----- PROGR. 64.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -351.88823 0. 0. 0.000 0.000 -371.076
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -20. 0. 0. 0. 20.
 ----- PROGR. 74.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -391.34924 0. 0. 0.000 0.000 -371.720
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -23. 0. 0. 0. 23.
 ----- PROGR. 85.

SOLLECITAZIONI :
 Caso MZ : MY MT N TZ TY
 1- 1 -430.87870 0. 0. 0.000 0.000 -372.364
 TENSIONI (Sz= 0.0) :
 Caso Ve|No|massimi : Sx TZ Ty Tau tot. Si
 1- 1|si| 7|Sx Si -25. 0. 0. 0. 25.
 ----- PROGR. 85.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (37- 51) 53 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 1832.71067, 0.0, 105., 0., 0.000, 0.000, 815.321, 105., 5.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 1873.46912, 0.0, 108., 0., 0.000, 0.000, 815.017, 108., 10.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 1914.21241, 0.0, 110., 0., 0.000, 0.000, 814.714, 110., 15.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 1954.94054, 0.0, 112., 0., 0.000, 0.000, 814.411, 112., 20.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 1995.65352, 0.0, 115., 0., 0.000, 0.000, 814.108, 115., 25.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2036.35134, 0.0, 117., 0., 0.000, 0.000, 813.805, 117., 30.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2077.03399, 0.0, 119., 0., 0.000, 0.000, 813.502, 119., 35.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2117.70149, 0.0, 122., 0., 0.000, 0.000, 813.198, 122., 40.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2158.35384, 0.0, 124., 0., 0.000, 0.000, 812.895, 124., 45.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (43- 52) 54 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 1832.71067, 0.0, 105., 0., 0.000, 0.000, 815.321, 105., 5.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 1873.46912, 0.0, 108., 0., 0.000, 0.000, 815.017, 108., 10.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1914.21241	0.	0.	0.000	0.000	814.714	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	110.	0.	0.
							Si
							110.
							PROGR.
							15.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1954.94054	0.	0.	0.000	0.000	814.411	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	112.	0.	0.
							Si
							112.
							PROGR.
							20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1995.65352	0.	0.	0.000	0.000	814.108	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	115.	0.	0.
							Si
							115.
							PROGR.
							25.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2036.35134	0.	0.	0.000	0.000	813.805	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	117.	0.	0.
							Si
							117.
							PROGR.
							30.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2077.03399	0.	0.	0.000	0.000	813.502	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	119.	0.	0.
							Si
							119.
							PROGR.
							35.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2117.70149	0.	0.	0.000	0.000	813.198	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	122.	0.	0.
							Si
							122.
							PROGR.
							40.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2158.35384	0.	0.	0.000	0.000	812.895	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	124.	0.	0.
							Si
							124.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (44- 53)	55
		PROGR.
		0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-430.87870	0.	0.	0.000	0.000	-599.423	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-25.	0.	0.
							Si
							25.
							PROGR.
							5.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-460.85742	0.	0.	0.000	0.000	-599.726	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-26.	0.	0.
							Si
							26.
							PROGR.
							10.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-490.85130	0.	0.	0.000	0.000	-600.029	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-28.	0.	0.
							Si
							28.
							PROGR.
							15.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-520.86033	0.	0.	0.000	0.000	-600.332	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-30.	0.	0.
							Si
							30.
							PROGR.
							20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-550.88453	0.	0.	0.000	0.000	-600.635	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-32.	0.	0.
						Tau tot.
						0.
						Si
						32.
						PROGR.
						25.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-580.92388	0.	0.	0.000	0.000	-600.939

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-33.	0.	0.
						Tau tot.
						0.
						Si
						33.
						PROGR.
						30.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-610.97839	0.	0.	0.000	0.000	-601.242

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-35.	0.	0.
						Tau tot.
						0.
						Si
						35.
						PROGR.
						35.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-641.04805	0.	0.	0.000	0.000	-601.545

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-37.	0.	0.
						Tau tot.
						0.
						Si
						37.
						PROGR.
						40.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-671.13288	0.	0.	0.000	0.000	-601.848

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-39.	0.	0.
						Tau tot.
						0.
						Si
						39.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo	- ASTA (50- 54)	56
			PROGR.
			0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-430.87870	0.	0.	0.000	0.000	-599.423

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-25.	0.	0.
						Tau tot.
						0.
						Si
						25.
						PROGR.
						5.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-460.85742	0.	0.	0.000	0.000	-599.726

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-26.	0.	0.
						Tau tot.
						0.
						Si
						26.
						PROGR.
						10.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-490.85130	0.	0.	0.000	0.000	-600.029

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-28.	0.	0.
						Tau tot.
						0.
						Si
						28.
						PROGR.
						15.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-520.86033	0.	0.	0.000	0.000	-600.332

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-30.	0.	0.
						Tau tot.
						0.
						Si
						30.
						PROGR.
						20.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-550.88453	0.	0.	0.000	0.000	-600.635

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-32.	0.	0.
						Tau tot.
						0.
						Si
						32.
						PROGR.
						25.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-580.92388	0.	0.	0.000	0.000	-600.939

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-33.	0.	0.
						Tau tot.
						0.
						Si
						33.
						PROGR.
						30.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-610.97839	0.	0.	0.000	0.000	-601.242

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-35.	0.	0.
						Tau tot.
						0.
						Si
						35.



----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-641.04805	0.	0.	0.000	0.000	-601.545

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-37.	0.	0.	37.

----- PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-671.13288	0.	0.	0.000	0.000	-601.848

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-39.	0.	0.	39.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (51- 55) 57 0.

----- PROGR. 6.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2158.35384	0.	0.	0.000	0.000	812.895

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	124.	0.	0.	124.

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2204.06960	0.	0.	0.000	0.000	812.554

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	127.	0.	0.	127.

----- PROGR. 17.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2249.76618	0.	0.	0.000	0.000	812.213

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	129.	0.	0.	129.

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2295.44358	0.	0.	0.000	0.000	811.872

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	132.	0.	0.	132.

----- PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2341.10179	0.	0.	0.000	0.000	811.531

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	135.	0.	0.	135.

----- PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2386.74082	0.	0.	0.000	0.000	811.190

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	137.	0.	0.	137.

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2432.36066	0.	0.	0.000	0.000	810.849

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	140.	0.	0.	140.

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2477.96132	0.	0.	0.000	0.000	810.508

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	142.	0.	0.	142.

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2523.54280	0.	0.	0.000	0.000	810.167

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	145.	0.	0.	145.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (52- 61) 58 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2158.35384, 0.0, 0.000, 0.000, 812.895, 124., 0., 0., 124., 6.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2204.06960, 0.0, 0.000, 0.000, 812.554, 127., 0., 0., 127., 11.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2249.76618, 0.0, 0.000, 0.000, 812.213, 129., 0., 0., 129., 17.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2295.44358, 0.0, 0.000, 0.000, 811.872, 132., 0., 0., 132., 22.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2341.10179, 0.0, 0.000, 0.000, 811.531, 135., 0., 0., 135., 28.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2386.74082, 0.0, 0.000, 0.000, 811.190, 137., 0., 0., 137., 34.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2432.36066, 0.0, 0.000, 0.000, 810.849, 140., 0., 0., 140., 39.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2477.96132, 0.0, 0.000, 0.000, 810.508, 142., 0., 0., 142., 45.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include 2523.54280, 0.0, 0.000, 0.000, 810.167, 145., 0., 0., 145.

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (53- 62) 59 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include -671.13288, 0.0, 0.000, 0.000, 812.895, -39., 0., 0., 39., 6.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Sx, Ty, Tau tot., Si. Values include -625.41711, 0.0, 0.000, 0.000, 812.554, -36., 0., 0., 36., 11.



SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-579.72053	0.	0.	0.000	0.000	812.213	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-33.	0.	0.
							Si
							33.
							PROGR.
							17.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-534.04314	0.	0.	0.000	0.000	811.872	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-31.	0.	0.
							Si
							31.
							PROGR.
							22.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-488.38492	0.	0.	0.000	0.000	811.531	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-28.	0.	0.
							Si
							28.
							PROGR.
							28.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-442.74590	0.	0.	0.000	0.000	811.190	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-25.	0.	0.
							Si
							25.
							PROGR.
							34.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-397.12605	0.	0.	0.000	0.000	810.849	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-23.	0.	0.
							Si
							23.
							PROGR.
							39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-351.52539	0.	0.	0.000	0.000	810.508	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-20.	0.	0.
							Si
							20.
							PROGR.
							45.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-305.94392	0.	0.	0.000	0.000	810.167	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-18.	0.	0.
							Si
							18.
							PROGR.
							18.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (54- 68) 60 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-671.13288	0.	0.	0.000	0.000	812.895	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-39.	0.	0.
							Si
							39.
							PROGR.
							6.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-625.41711	0.	0.	0.000	0.000	812.554	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-36.	0.	0.
							Si
							36.
							PROGR.
							11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-579.72053	0.	0.	0.000	0.000	812.213	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-33.	0.	0.
							Si
							33.
							PROGR.
							17.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-534.04314	0.	0.	0.000	0.000	811.872	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-31.	0.	0.
							Si
							31.
							PROGR.
							22.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-488.38492	0.	0.	0.000	0.000	811.531	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-28.	0.	0.
							Si
							28.
							PROGR.
							28.



TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-28.	0.	0.	0.	28.
							PROGR.	28.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-442.74590	0.	0.	0.000	0.000	811.190		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-25.	0.	0.	0.	25.
							PROGR.	34.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-397.12605	0.	0.	0.000	0.000	810.849		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-23.	0.	0.	0.	23.
							PROGR.	39.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-351.52539	0.	0.	0.000	0.000	810.508		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-20.	0.	0.	0.	20.
							PROGR.	45.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-305.94392	0.	0.	0.000	0.000	810.167		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-18.	0.	0.	0.	18.
							PROGR.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
G_HE900x466 (2)							stato limite ultimo - ASTA (55- 69)	73
							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2523.54280	0.	0.	0.000	0.000	583.108		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	145.	0.	0.	0.	145.
							PROGR.	11.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2585.46381	0.	0.	0.000	0.000	582.464		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	149.	0.	0.	0.	149.
							PROGR.	21.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2647.31637	0.	0.	0.000	0.000	581.820		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	152.	0.	0.	0.	152.
							PROGR.	32.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2709.10048	0.	0.	0.000	0.000	581.175		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	156.	0.	0.	0.	156.
							PROGR.	42.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2770.81615	0.	0.	0.000	0.000	580.531		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	159.	0.	0.	0.	159.
							PROGR.	53.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2832.46336	0.	0.	0.000	0.000	579.887		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	163.	0.	0.	0.	163.
							PROGR.	64.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2894.04213	0.	0.	0.000	0.000	579.243		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	166.	0.	0.	0.	166.
							PROGR.	



----- PROGR. 74.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2955.55245	0.	0.	0.000	0.000	578.599	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	170.	0.	Si
----- PROGR. 85.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3016.99431	0.	0.	0.000	0.000	577.954	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	173.	0.	Si

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (61- 75) 74 0.

----- PROGR. 11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2523.54280	0.	0.	0.000	0.000	583.108	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	145.	0.	Si
----- PROGR. 21.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2585.46381	0.	0.	0.000	0.000	582.464	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	149.	0.	Si
----- PROGR. 32.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2647.31637	0.	0.	0.000	0.000	581.820	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	152.	0.	Si
----- PROGR. 42.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2709.10048	0.	0.	0.000	0.000	581.175	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	156.	0.	Si
----- PROGR. 53.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2770.81615	0.	0.	0.000	0.000	580.531	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	159.	0.	Si
----- PROGR. 64.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2832.46336	0.	0.	0.000	0.000	579.887	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	163.	0.	Si
----- PROGR. 74.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2894.04213	0.	0.	0.000	0.000	579.243	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	166.	0.	Si
----- PROGR. 85.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2955.55245	0.	0.	0.000	0.000	578.599	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	170.	0.	Si
----- PROGR. 85.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3016.99431	0.	0.	0.000	0.000	577.954	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	173.	0.	Si

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (62- 76) 75 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (68- 82) 76 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Ve, No, massimi, Si, SX, Ty, Tau tot., Si, PROG.



SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-182.17035	0.	0.	0.000	0.000	581.820	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-10.	0.	0.
							Si
							10.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-120.38623	0.	0.	0.000	0.000	581.175	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-7.	0.	0.
							Si
							7.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-58.67057	0.	0.	0.000	0.000	580.531	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-3.	0.	0.
							Si
							3.
							53.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2.97664	0.	0.	0.000	0.000	579.887	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							64.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	64.55541	0.	0.	0.000	0.000	579.243	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	4.	0.	0.
							Si
							4.
							74.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	126.06573	0.	0.	0.000	0.000	578.599	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	7.	0.	0.
							Si
							7.
							85.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	187.50760	0.	0.	0.000	0.000	577.954	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	11.	0.	0.
							Si
							11.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (69- 83)	89
		0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3016.99431	0.	0.	0.000	0.000	350.896	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	173.	0.	0.
							Si
							173.
							11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3054.24275	0.	0.	0.000	0.000	350.251	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	176.	0.	0.
							Si
							176.
							21.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3091.42274	0.	0.	0.000	0.000	349.607	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	178.	0.	0.
							Si
							178.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3128.53427	0.	0.	0.000	0.000	348.963	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	180.	0.	0.
							Si
							180.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3165.57736	0.	0.	0.000	0.000	348.319	



TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	182.	0.	0.
			Si			Tau tot.
						0.
						Si
						182.
						PROGR.
						53.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3202.55200		0.	0.	0.000
						TZ
						0.000
						TY
						347.675

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	184.	0.	0.
			Si			Tau tot.
						0.
						Si
						184.
						PROGR.
						64.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3239.45819		0.	0.	0.000
						TZ
						0.000
						TY
						347.030

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	186.	0.	0.
			Si			Tau tot.
						0.
						Si
						186.
						PROGR.
						74.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3276.29593		0.	0.	0.000
						TZ
						0.000
						TY
						346.386

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	188.	0.	0.
			Si			Tau tot.
						0.
						Si
						188.
						PROGR.
						85.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3313.06523		0.	0.	0.000
						TZ
						0.000
						TY
						345.742

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	190.	0.	0.
			Si			Tau tot.
						0.
						Si
						190.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo	- ASTA (75- 89)	90
			PROGR.
			0.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3016.99431		0.	0.	0.000
						TZ
						0.000
						TY
						350.896

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	173.	0.	0.
			Si			Tau tot.
						0.
						Si
						173.
						PROGR.
						11.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3054.24275		0.	0.	0.000
						TZ
						0.000
						TY
						350.251

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	176.	0.	0.
			Si			Tau tot.
						0.
						Si
						176.
						PROGR.
						21.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3091.42274		0.	0.	0.000
						TZ
						0.000
						TY
						349.607

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	178.	0.	0.
			Si			Tau tot.
						0.
						Si
						178.
						PROGR.
						32.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3128.53427		0.	0.	0.000
						TZ
						0.000
						TY
						348.963

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	180.	0.	0.
			Si			Tau tot.
						0.
						Si
						180.
						PROGR.
						42.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3165.57736		0.	0.	0.000
						TZ
						0.000
						TY
						348.319

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	182.	0.	0.
			Si			Tau tot.
						0.
						Si
						182.
						PROGR.
						53.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3202.55200		0.	0.	0.000
						TZ
						0.000
						TY
						347.675

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	184.	0.	0.
			Si			Tau tot.
						0.
						Si
						184.
						PROGR.
						64.

SOLLECITAZIONI :						
Caso		MZ		MY	MT	N
1- 1		3239.45819		0.	0.	0.000
						TZ
						0.000
						TY
						347.030

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	186.	0.	0.
			Si			Tau tot.
						0.
						Si
						186.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

----- PROGR. 74.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3276.29593	0.	0.	0.000	0.000	346.386	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	188.	0.	188.
----- PROGR. 85.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3313.06523	0.	0.	0.000	0.000	345.742	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	190.	0.	190.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (76- 90) 91
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	187.50760	0.	0.	0.000	0.000	350.896	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	11.	0.	11.
----- PROGR. 11.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	224.75603	0.	0.	0.000	0.000	350.251	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	13.	0.	13.
----- PROGR. 21.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	261.93602	0.	0.	0.000	0.000	349.607	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	15.	0.	15.
----- PROGR. 32.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	299.04756	0.	0.	0.000	0.000	348.963	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	17.	0.	17.
----- PROGR. 42.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	336.09064	0.	0.	0.000	0.000	348.319	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	19.	0.	19.
----- PROGR. 53.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	373.06528	0.	0.	0.000	0.000	347.675	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	21.	0.	21.
----- PROGR. 64.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	409.97147	0.	0.	0.000	0.000	347.030	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	24.	0.	24.
----- PROGR. 74.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	446.80922	0.	0.	0.000	0.000	346.386	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	26.	0.	26.
----- PROGR. 85.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	483.57851	0.	0.	0.000	0.000	345.742	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	28.	0.	28.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (82- 96) 92 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 187.50760, 0.0, 0.0, 0.000, 0.000, 350.896, 11.0, 0.0, 11.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 224.75603, 0.0, 0.0, 0.000, 0.000, 350.251, 13.0, 0.0, 13.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 261.93602, 0.0, 0.0, 0.000, 0.000, 349.607, 15.0, 0.0, 15.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 299.04756, 0.0, 0.0, 0.000, 0.000, 348.963, 17.0, 0.0, 17.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 336.09064, 0.0, 0.0, 0.000, 0.000, 348.319, 19.0, 0.0, 19.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 373.06528, 0.0, 0.0, 0.000, 0.000, 347.675, 21.0, 0.0, 21.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 409.97147, 0.0, 0.0, 0.000, 0.000, 347.030, 24.0, 0.0, 24.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 446.80922, 0.0, 0.0, 0.000, 0.000, 346.386, 26.0, 0.0, 26.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 483.57851, 0.0, 0.0, 0.000, 0.000, 345.742, 28.0, 0.0, 28.0.

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (83- 97) 105 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 3313.06523, 0.0, 0.0, 0.000, 0.000, 118.683, 190.0, 0.0, 190.0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, Ve, No, massimi, Sx, Si, Ty, Tau tot., Si. Values include 3325.64108, 0.0, 0.0, 0.000, 0.000, 118.039, 191.0, 0.0, 191.0.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3338.14849	0.	0.	0.000	0.000	117.395	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	192.	0.	0.
							Si
							192.
							PROGR.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3350.58746	0.	0.	0.000	0.000	116.750	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	193.	0.	0.
							Si
							193.
							PROGR.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3362.95797	0.	0.	0.000	0.000	116.106	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	193.	0.	0.
							Si
							193.
							PROGR.
							53.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3375.26003	0.	0.	0.000	0.000	115.462	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	194.	0.	0.
							Si
							194.
							PROGR.
							64.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3387.49365	0.	0.	0.000	0.000	114.818	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	195.	0.	0.
							Si
							195.
							PROGR.
							74.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3399.65881	0.	0.	0.000	0.000	114.174	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	195.	0.	0.
							Si
							195.
							PROGR.
							85.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3411.75553	0.	0.	0.000	0.000	113.529	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	196.	0.	0.
							Si
							196.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (89- 103) 106
PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3313.06523	0.	0.	0.000	0.000	118.683	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	190.	0.	0.
							Si
							190.
							PROGR.
							11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3325.64108	0.	0.	0.000	0.000	118.039	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	191.	0.	0.
							Si
							191.
							PROGR.
							21.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3338.14849	0.	0.	0.000	0.000	117.395	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	192.	0.	0.
							Si
							192.
							PROGR.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3350.58746	0.	0.	0.000	0.000	116.750	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	193.	0.	0.
							Si
							193.
							PROGR.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3362.95797	0.	0.	0.000	0.000	116.106	



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	193.	0.	0.	0.	193.
							PROGR.	53.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	3375.26003	0.	0.	0.000	0.000	115.462		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	194.	0.	0.	0.	194.
							PROGR.	64.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	3387.49365	0.	0.	0.000	0.000	114.818		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	195.	0.	0.	0.	195.
							PROGR.	74.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	3399.65881	0.	0.	0.000	0.000	114.174		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	195.	0.	0.	0.	195.
							PROGR.	85.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	3411.75553	0.	0.	0.000	0.000	113.529		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	196.	0.	0.	0.	196.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (90- 104)	107
		PROGR.
		0.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	483.57851	0.	0.	0.000	0.000	118.683		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	28.	0.	0.	0.	28.
							PROGR.	11.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	496.15437	0.	0.	0.000	0.000	118.039		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	29.	0.	0.	0.	29.
							PROGR.	21.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	508.66178	0.	0.	0.000	0.000	117.395		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	29.	0.	0.	0.	29.
							PROGR.	32.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	521.10074	0.	0.	0.000	0.000	116.750		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	30.	0.	0.	0.	30.
							PROGR.	42.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	533.47125	0.	0.	0.000	0.000	116.106		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	31.	0.	0.	0.	31.
							PROGR.	53.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	545.77332	0.	0.	0.000	0.000	115.462		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	31.	0.	0.	0.	31.
							PROGR.	64.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	558.00693	0.	0.	0.000	0.000	114.818		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	32.	0.	0.	0.	32.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

----- PROGR. 74.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	570.17210	0.	0.	0.000	0.000	114.174		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	33.	0.	0.	33.
----- PROGR. 85.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	582.26881	0.	0.	0.000	0.000	113.529		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	33.	0.	0.	33.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (96- 110) 108
----- PROGR. 0.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	483.57851	0.	0.	0.000	0.000	118.683		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	28.	0.	0.	28.
----- PROGR. 11.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	496.15437	0.	0.	0.000	0.000	118.039		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	29.	0.	0.	29.
----- PROGR. 21.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	508.66178	0.	0.	0.000	0.000	117.395		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	29.	0.	0.	29.
----- PROGR. 32.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	521.10074	0.	0.	0.000	0.000	116.750		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	30.	0.	0.	30.
----- PROGR. 42.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	533.47125	0.	0.	0.000	0.000	116.106		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	31.	0.	0.	31.
----- PROGR. 53.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	545.77332	0.	0.	0.000	0.000	115.462		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	31.	0.	0.	31.
----- PROGR. 64.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	558.00693	0.	0.	0.000	0.000	114.818		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	32.	0.	0.	32.
----- PROGR. 74.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	570.17210	0.	0.	0.000	0.000	114.174		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	33.	0.	0.	33.
----- PROGR. 85.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	582.26881	0.	0.	0.000	0.000	113.529		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	33.	0.	0.	33.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (97- 111) 121 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3411.75553, 0.0, 0.0, 0.000, 0.000, -113.529, 196., 0., 0., 196., 11.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3399.65881, 0.0, 0.0, 0.000, 0.000, -114.174, 195., 0., 0., 195., 21.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3387.49365, 0.0, 0.0, 0.000, 0.000, -114.818, 195., 0., 0., 195., 32.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3375.26003, 0.0, 0.0, 0.000, 0.000, -115.462, 194., 0., 0., 194., 42.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3362.95797, 0.0, 0.0, 0.000, 0.000, -116.106, 193., 0., 0., 193., 53.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3350.58746, 0.0, 0.0, 0.000, 0.000, -116.750, 193., 0., 0., 193., 64.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3338.14849, 0.0, 0.0, 0.000, 0.000, -117.395, 192., 0., 0., 192., 74.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3325.64108, 0.0, 0.0, 0.000, 0.000, -118.039, 191., 0., 0., 191., 85.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3313.06523, 0.0, 0.0, 0.000, 0.000, -118.683, 190., 0., 0., 190.

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (103- 117) 122 0.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3411.75553, 0.0, 0.0, 0.000, 0.000, -113.529, 196., 0., 0., 196., 11.

Table with columns: SOLLECITAZIONI, Caso, MZ, MY, MT, N, TZ, TY, TENSIONI (Sz=), Case, No, massimi, Sx, Ty, Tau tot., Si. Values include 3399.65881, 0.0, 0.0, 0.000, 0.000, -114.174, 195., 0., 0., 195., 21.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3387.49365	0.	0.	0.000	0.000	-114.818	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	195.	0.	0.
							Si
							195.
							PROGR.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3375.26003	0.	0.	0.000	0.000	-115.462	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	194.	0.	0.
							Si
							194.
							PROGR.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3362.95797	0.	0.	0.000	0.000	-116.106	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	193.	0.	0.
							Si
							193.
							PROGR.
							53.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3350.58746	0.	0.	0.000	0.000	-116.750	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	193.	0.	0.
							Si
							193.
							PROGR.
							64.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3338.14849	0.	0.	0.000	0.000	-117.395	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	192.	0.	0.
							Si
							192.
							PROGR.
							74.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3325.64108	0.	0.	0.000	0.000	-118.039	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	191.	0.	0.
							Si
							191.
							PROGR.
							85.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	3313.06523	0.	0.	0.000	0.000	-118.683	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	190.	0.	0.
							Si
							190.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (104- 118) 123
PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	582.26881	0.	0.	0.000	0.000	-113.529	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	33.	0.	0.
							Si
							33.
							PROGR.
							11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	570.17210	0.	0.	0.000	0.000	-114.174	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	33.	0.	0.
							Si
							33.
							PROGR.
							21.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	558.00693	0.	0.	0.000	0.000	-114.818	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	32.	0.	0.
							Si
							32.
							PROGR.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	545.77332	0.	0.	0.000	0.000	-115.462	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	31.	0.	0.
							Si
							31.
							PROGR.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	533.47125	0.	0.	0.000	0.000	-116.106	



TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	31.	0.	0.
						Tau tot.
						0.
						Si
						31.
						PROGR.
						53.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	521.10074	0.	0.	0.000	0.000	-116.750

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	30.	0.	0.
						Tau tot.
						0.
						Si
						30.
						PROGR.
						64.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	508.66178	0.	0.	0.000	0.000	-117.395

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	29.	0.	0.
						Tau tot.
						0.
						Si
						29.
						PROGR.
						74.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	496.15437	0.	0.	0.000	0.000	-118.039

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	29.	0.	0.
						Tau tot.
						0.
						Si
						29.
						PROGR.
						85.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	483.57851	0.	0.	0.000	0.000	-118.683

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	28.	0.	0.
						Tau tot.
						0.
						Si
						28.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (110- 124)	124
	PROGR.	0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	582.26881	0.	0.	0.000	0.000	-113.529

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	33.	0.	0.
						Tau tot.
						0.
						Si
						33.
						PROGR.
						11.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	570.17210	0.	0.	0.000	0.000	-114.174

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	33.	0.	0.
						Tau tot.
						0.
						Si
						33.
						PROGR.
						21.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	558.00693	0.	0.	0.000	0.000	-114.818

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	32.	0.	0.
						Tau tot.
						0.
						Si
						32.
						PROGR.
						32.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	545.77332	0.	0.	0.000	0.000	-115.462

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	31.	0.	0.
						Tau tot.
						0.
						Si
						31.
						PROGR.
						42.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	533.47125	0.	0.	0.000	0.000	-116.106

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	31.	0.	0.
						Tau tot.
						0.
						Si
						31.
						PROGR.
						53.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	521.10074	0.	0.	0.000	0.000	-116.750

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	30.	0.	0.
						Tau tot.
						0.
						Si
						30.
						PROGR.
						64.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	508.66178	0.	0.	0.000	0.000	-117.395

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	29.	0.	0.
						Tau tot.
						0.
						Si
						29.



----- PROGR. 74.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	496.15437	0.	0.	0.000	0.000	-118.039
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	29.	0.	0.	0.	29.
----- PROGR. 85.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	483.57851	0.	0.	0.000	0.000	-118.683
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	28.	0.	0.	0.	28.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (111- 125) 137
----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3313.06523	0.	0.	0.000	0.000	-345.742
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	190.	0.	0.	0.	190.
----- PROGR. 11.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3276.29593	0.	0.	0.000	0.000	-346.386
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	188.	0.	0.	0.	188.
----- PROGR. 21.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3239.45819	0.	0.	0.000	0.000	-347.030
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	186.	0.	0.	0.	186.
----- PROGR. 32.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3202.55200	0.	0.	0.000	0.000	-347.675
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	184.	0.	0.	0.	184.
----- PROGR. 42.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3165.57736	0.	0.	0.000	0.000	-348.319
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	182.	0.	0.	0.	182.
----- PROGR. 53.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3128.53427	0.	0.	0.000	0.000	-348.963
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	180.	0.	0.	0.	180.
----- PROGR. 64.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3091.42274	0.	0.	0.000	0.000	-349.607
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	178.	0.	0.	0.	178.
----- PROGR. 74.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3054.24275	0.	0.	0.000	0.000	-350.251
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	176.	0.	0.	0.	176.
----- PROGR. 85.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	3016.99431	0.	0.	0.000	0.000	-350.896
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	173.	0.	0.	0.	173.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (117- 131) 138
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3313.06523	0.	0.	0.000	0.000	-345.742
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	190.	0.	0.	0.	190.
						PROGR. 11.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3276.29593	0.	0.	0.000	0.000	-346.386
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	188.	0.	0.	0.	188.
						PROGR. 21.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3239.45819	0.	0.	0.000	0.000	-347.030
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	186.	0.	0.	0.	186.
						PROGR. 32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3202.55200	0.	0.	0.000	0.000	-347.675
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	184.	0.	0.	0.	184.
						PROGR. 42.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3165.57736	0.	0.	0.000	0.000	-348.319
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	182.	0.	0.	0.	182.
						PROGR. 53.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3128.53427	0.	0.	0.000	0.000	-348.963
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	180.	0.	0.	0.	180.
						PROGR. 64.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3091.42274	0.	0.	0.000	0.000	-349.607
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	178.	0.	0.	0.	178.
						PROGR. 74.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3054.24275	0.	0.	0.000	0.000	-350.251
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	176.	0.	0.	0.	176.
						PROGR. 85.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	3016.99431	0.	0.	0.000	0.000	-350.896
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	173.	0.	0.	0.	173.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (118- 132) 139
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	483.57851	0.	0.	0.000	0.000	-345.742
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	28.	0.	0.	0.	28.
						PROGR. 11.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	446.80922	0.	0.	0.000	0.000	-346.386
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	26.	0.	0.	0.	26.
						PROGR. 21.



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	409.97147	0.	0.	0.000	0.000	-347.030	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	24.	0.	0.
							Si
							24.
							PROGR.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	373.06528	0.	0.	0.000	0.000	-347.675	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	21.	0.	0.
							Si
							21.
							PROGR.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	336.09064	0.	0.	0.000	0.000	-348.319	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	19.	0.	0.
							Si
							19.
							PROGR.
							53.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	299.04756	0.	0.	0.000	0.000	-348.963	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	17.	0.	0.
							Si
							17.
							PROGR.
							64.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	261.93602	0.	0.	0.000	0.000	-349.607	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	15.	0.	0.
							Si
							15.
							PROGR.
							74.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	224.75603	0.	0.	0.000	0.000	-350.251	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	13.	0.	0.
							Si
							13.
							PROGR.
							85.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	187.50760	0.	0.	0.000	0.000	-350.896	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	11.	0.	0.
							Si
							11.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (124- 138) 140
PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	483.57851	0.	0.	0.000	0.000	-345.742	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	28.	0.	0.
							Si
							28.
							PROGR.
							11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	446.80922	0.	0.	0.000	0.000	-346.386	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	26.	0.	0.
							Si
							26.
							PROGR.
							21.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	409.97147	0.	0.	0.000	0.000	-347.030	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	24.	0.	0.
							Si
							24.
							PROGR.
							32.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	373.06528	0.	0.	0.000	0.000	-347.675	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	21.	0.	0.
							Si
							21.
							PROGR.
							42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	336.09064	0.	0.	0.000	0.000	-348.319	



TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	19.	0.	0.	19.

	PROGR.								
	53.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	299.04756	0.	0.	0.000	0.000	-348.963

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	17.	0.	0.	17.

	PROGR.								
	64.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	261.93602	0.	0.	0.000	0.000	-349.607

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	15.	0.	0.	15.

	PROGR.								
	74.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	224.75603	0.	0.	0.000	0.000	-350.251

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	13.	0.	0.	13.

	PROGR.								
	85.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	187.50760	0.	0.	0.000	0.000	-350.896

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	11.	0.	0.	11.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (125- 139)	153
		0.
		PROGR.

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	3016.99431	0.	0.	0.000	0.000	-577.954

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	173.	0.	0.	173.

	PROGR.								
	11.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	2955.55245	0.	0.	0.000	0.000	-578.599

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	170.	0.	0.	170.

	PROGR.								
	21.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	2894.04213	0.	0.	0.000	0.000	-579.243

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	166.	0.	0.	166.

	PROGR.								
	32.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	2832.46336	0.	0.	0.000	0.000	-579.887

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	163.	0.	0.	163.

	PROGR.								
	42.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	2770.81615	0.	0.	0.000	0.000	-580.531

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	159.	0.	0.	159.

	PROGR.								
	53.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	2709.10048	0.	0.	0.000	0.000	-581.175

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	156.	0.	0.	156.

	PROGR.								
	64.								

SOLLECITAZIONI :	Caso	MZ	MY	MT	N	TZ	TY
	1- 1	2647.31637	0.	0.	0.000	0.000	-581.820

TENSIONI (Sz= 0.0) :	Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
	1- 1	si	7	Sx	Si	152.	0.	0.	152.



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

----- PROGR. 74.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2585.46381	0.	0.	0.000	0.000	-582.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	149.	0.	0.	149.

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2523.54280	0.	0.	0.000	0.000	-583.108

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	145.	0.	0.	145.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (131- 145) 154
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	3016.99431	0.	0.	0.000	0.000	-577.954

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	173.	0.	0.	173.

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2955.55245	0.	0.	0.000	0.000	-578.599

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	170.	0.	0.	170.

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2894.04213	0.	0.	0.000	0.000	-579.243

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	166.	0.	0.	166.

----- PROGR. 32.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2832.46336	0.	0.	0.000	0.000	-579.887

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	163.	0.	0.	163.

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2770.81615	0.	0.	0.000	0.000	-580.531

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	159.	0.	0.	159.

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2709.10048	0.	0.	0.000	0.000	-581.175

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	156.	0.	0.	156.

----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2647.31637	0.	0.	0.000	0.000	-581.820

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	152.	0.	0.	152.

----- PROGR. 74.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2585.46381	0.	0.	0.000	0.000	-582.464

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	149.	0.	0.	149.

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2523.54280	0.	0.	0.000	0.000	-583.108

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	145.	0.	0.	145.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (132- 146) 155
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	187.50760	0.	0.	0.000	0.000	-577.954
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	11.	0.	0.	0.	11.
PROGR. 11.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	126.06573	0.	0.	0.000	0.000	-578.599
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	7.	0.	0.	0.	7.
PROGR. 21.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	64.55541	0.	0.	0.000	0.000	-579.243
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	4.	0.	0.	0.	4.
PROGR. 32.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	2.97664	0.	0.	0.000	0.000	-579.887
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	0.	0.	0.	0.	0.
PROGR. 42.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-58.67057	0.	0.	0.000	0.000	-580.531
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	-3.	0.	0.	0.	3.
PROGR. 53.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-120.38623	0.	0.	0.000	0.000	-581.175
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	-7.	0.	0.	0.	7.
PROGR. 64.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-182.17035	0.	0.	0.000	0.000	-581.820
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	-10.	0.	0.	0.	10.
PROGR. 74.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-244.02291	0.	0.	0.000	0.000	-582.464
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	-14.	0.	0.	0.	14.
PROGR. 85.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-305.94392	0.	0.	0.000	0.000	-583.108
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	-18.	0.	0.	0.	18.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (138- 152) 156
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	187.50760	0.	0.	0.000	0.000	-577.954
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	11.	0.	0.	0.	11.
PROGR. 11.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	126.06573	0.	0.	0.000	0.000	-578.599
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	7.	0.	0.	0.	7.
PROGR. 21.						



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	64.55541	0.	0.	0.000	0.000	-579.243	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	4.	0.	0.
							Si
							4.
							32.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2.97664	0.	0.	0.000	0.000	-579.887	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							42.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-58.67057	0.	0.	0.000	0.000	-580.531	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-3.	0.	0.
							Si
							3.
							53.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-120.38623	0.	0.	0.000	0.000	-581.175	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-7.	0.	0.
							Si
							7.
							64.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-182.17035	0.	0.	0.000	0.000	-581.820	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-10.	0.	0.
							Si
							10.
							74.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-244.02291	0.	0.	0.000	0.000	-582.464	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-14.	0.	0.
							Si
							14.
							85.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-305.94392	0.	0.	0.000	0.000	-583.108	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-18.	0.	0.
							Si
							18.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (139- 153) 169
PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2523.54280	0.	0.	0.000	0.000	-810.167	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	145.	0.	0.
							Si
							145.
							6.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2477.96132	0.	0.	0.000	0.000	-810.508	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	142.	0.	0.
							Si
							142.
							11.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2432.36066	0.	0.	0.000	0.000	-810.849	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	140.	0.	0.
							Si
							140.
							17.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2386.74082	0.	0.	0.000	0.000	-811.190	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	137.	0.	0.
							Si
							137.
							22.
							PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2341.10179	0.	0.	0.000	0.000	-811.531	



TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	135.	0.	0.	0.	135.
								PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2295.44358	0.	0.	0.000	0.000	-811.872

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	132.	0.	0.	0.	132.
								PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2249.76618	0.	0.	0.000	0.000	-812.213

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	129.	0.	0.	0.	129.
								PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2204.06960	0.	0.	0.000	0.000	-812.554

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	127.	0.	0.	0.	127.
								PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2158.35384	0.	0.	0.000	0.000	-812.895

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	124.	0.	0.	0.	124.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (145- 154) 170

								PROGR. 0.
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SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2523.54280	0.	0.	0.000	0.000	-810.167

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	145.	0.	0.	0.	145.
								PROGR. 6.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2477.96132	0.	0.	0.000	0.000	-810.508

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	142.	0.	0.	0.	142.
								PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2432.36066	0.	0.	0.000	0.000	-810.849

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	140.	0.	0.	0.	140.
								PROGR. 17.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2386.74082	0.	0.	0.000	0.000	-811.190

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	137.	0.	0.	0.	137.
								PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2341.10179	0.	0.	0.000	0.000	-811.531

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	135.	0.	0.	0.	135.
								PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2295.44358	0.	0.	0.000	0.000	-811.872

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	132.	0.	0.	0.	132.
								PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	2249.76618	0.	0.	0.000	0.000	-812.213

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	129.	0.	0.	0.	129.



----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2204.06960	0.	0.	0.000	0.000	-812.554		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	127.	0.	0.	127.

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	2158.35384	0.	0.	0.000	0.000	-812.895		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	124.	0.	0.	124.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (146- 155) 171
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-305.94392	0.	0.	0.000	0.000	-810.167		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-18.	0.	0.	18.

----- PROGR. 6.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-351.52539	0.	0.	0.000	0.000	-810.508		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-20.	0.	0.	20.

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-397.12605	0.	0.	0.000	0.000	-810.849		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-23.	0.	0.	23.

----- PROGR. 17.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-442.74590	0.	0.	0.000	0.000	-811.190		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-25.	0.	0.	25.

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-488.38492	0.	0.	0.000	0.000	-811.531		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-28.	0.	0.	28.

----- PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-534.04314	0.	0.	0.000	0.000	-811.872		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-31.	0.	0.	31.

----- PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-579.72053	0.	0.	0.000	0.000	-812.213		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-33.	0.	0.	33.

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-625.41711	0.	0.	0.000	0.000	-812.554		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-36.	0.	0.	36.

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-671.13288	0.	0.	0.000	0.000	-812.895		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-39.	0.	0.	39.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (152- 156) 172
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-305.94392	0.	0.	0.000	0.000	-810.167
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-18.	0.
PROGR. 6.						
Tau tot. Si						
0. 18.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-351.52539	0.	0.	0.000	0.000	-810.508
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-20.	0.
PROGR. 11.						
Tau tot. Si						
0. 20.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-397.12605	0.	0.	0.000	0.000	-810.849
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-23.	0.
PROGR. 17.						
Tau tot. Si						
0. 23.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-442.74590	0.	0.	0.000	0.000	-811.190
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-25.	0.
PROGR. 22.						
Tau tot. Si						
0. 25.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-488.38492	0.	0.	0.000	0.000	-811.531
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-28.	0.
PROGR. 28.						
Tau tot. Si						
0. 28.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-534.04314	0.	0.	0.000	0.000	-811.872
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-31.	0.
PROGR. 34.						
Tau tot. Si						
0. 31.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-579.72053	0.	0.	0.000	0.000	-812.213
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-33.	0.
PROGR. 39.						
Tau tot. Si						
0. 33.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-625.41711	0.	0.	0.000	0.000	-812.554
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-36.	0.
PROGR. 45.						
Tau tot. Si						
0. 36.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	-671.13288	0.	0.	0.000	0.000	-812.895
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-39.	0.
PROGR. 39.						
Tau tot. Si						
0. 39.						

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (153- 157) 173
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	2158.35384	0.	0.	0.000	0.000	-812.895
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	124.	0.
PROGR. 5.						
Tau tot. Si						
0. 124.						

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	2117.70149	0.	0.	0.000	0.000	-813.198
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	122.	0.
PROGR. 10.						
Tau tot. Si						
0. 122.						



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2077.03399	0.	0.	0.000	0.000	-813.502	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	119.	0.	0.
							Si
							119.
							PROGR.
							15.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2036.35134	0.	0.	0.000	0.000	-813.805	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	117.	0.	0.
							Si
							117.
							PROGR.
							20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1995.65352	0.	0.	0.000	0.000	-814.108	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	115.	0.	0.
							Si
							115.
							PROGR.
							25.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1954.94054	0.	0.	0.000	0.000	-814.411	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	112.	0.	0.
							Si
							112.
							PROGR.
							30.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1914.21241	0.	0.	0.000	0.000	-814.714	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	110.	0.	0.
							Si
							110.
							PROGR.
							35.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1873.46912	0.	0.	0.000	0.000	-815.017	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	108.	0.	0.
							Si
							108.
							PROGR.
							40.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1832.71067	0.	0.	0.000	0.000	-815.321	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	105.	0.	0.
							Si
							105.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (154- 163) 174
PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2158.35384	0.	0.	0.000	0.000	-812.895	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	124.	0.	0.
							Si
							124.
							PROGR.
							5.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2117.70149	0.	0.	0.000	0.000	-813.198	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	122.	0.	0.
							Si
							122.
							PROGR.
							10.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2077.03399	0.	0.	0.000	0.000	-813.502	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	119.	0.	0.
							Si
							119.
							PROGR.
							15.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	2036.35134	0.	0.	0.000	0.000	-813.805	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	117.	0.	0.
							Si
							117.
							PROGR.
							20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	1995.65352	0.	0.	0.000	0.000	-814.108	



TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	115.	0.	0.
				Tau tot.	Si	
				0.	115.	
				PROGR.		
				25.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1954.94054	0.	0.	0.000	0.000	-814.411

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	112.	0.	0.
				Tau tot.	Si	
				0.	112.	
				PROGR.		
				30.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1914.21241	0.	0.	0.000	0.000	-814.714

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	110.	0.	0.
				Tau tot.	Si	
				0.	110.	
				PROGR.		
				35.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1873.46912	0.	0.	0.000	0.000	-815.017

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	108.	0.	0.
				Tau tot.	Si	
				0.	108.	
				PROGR.		
				40.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	1832.71067	0.	0.	0.000	0.000	-815.321

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	105.	0.	0.
				Tau tot.	Si	
				0.	105.	
				PROGR.		
				105.		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (155- 164)	175
		PROGR.
		0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-671.13288	0.	0.	0.000	0.000	601.848

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-39.	0.	0.
				Tau tot.	Si	
				0.	39.	
				PROGR.		
				5.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-641.04805	0.	0.	0.000	0.000	601.545

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-37.	0.	0.
				Tau tot.	Si	
				0.	37.	
				PROGR.		
				10.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-610.97839	0.	0.	0.000	0.000	601.242

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-35.	0.	0.
				Tau tot.	Si	
				0.	35.	
				PROGR.		
				15.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-580.92388	0.	0.	0.000	0.000	600.939

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-33.	0.	0.
				Tau tot.	Si	
				0.	33.	
				PROGR.		
				20.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-550.88453	0.	0.	0.000	0.000	600.635

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-32.	0.	0.
				Tau tot.	Si	
				0.	32.	
				PROGR.		
				25.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-520.86033	0.	0.	0.000	0.000	600.332

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-30.	0.	0.
				Tau tot.	Si	
				0.	30.	
				PROGR.		
				30.		

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-490.85130	0.	0.	0.000	0.000	600.029

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	-28.	0.	0.
				Tau tot.	Si	
				0.	28.	
				PROGR.		
				28.		



----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-460.85742	0.	0.	0.000	0.000	599.726
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-26.	0.	0.	26.

----- PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-430.87870	0.	0.	0.000	0.000	599.423
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-25.	0.	0.	25.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (156- 170) 176
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-671.13288	0.	0.	0.000	0.000	601.848
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-39.	0.	0.	39.

----- PROGR. 5.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-641.04805	0.	0.	0.000	0.000	601.545
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-37.	0.	0.	37.

----- PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-610.97839	0.	0.	0.000	0.000	601.242
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-35.	0.	0.	35.

----- PROGR. 15.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-580.92388	0.	0.	0.000	0.000	600.939
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-33.	0.	0.	33.

----- PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-550.88453	0.	0.	0.000	0.000	600.635
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-32.	0.	0.	32.

----- PROGR. 25.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-520.86033	0.	0.	0.000	0.000	600.332
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-30.	0.	0.	30.

----- PROGR. 30.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-490.85130	0.	0.	0.000	0.000	600.029
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-28.	0.	0.	28.

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-460.85742	0.	0.	0.000	0.000	599.726
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-26.	0.	0.	26.

----- PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-430.87870	0.	0.	0.000	0.000	599.423
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	Si	-25.	0.	0.	25.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (157- 171) 189
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1832.71067	0.	0.	0.000	0.000	-1042.379
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	105.	0.	0.	0.	105.
PROGR.						11.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1721.92365	0.	0.	0.000	0.000	-1043.024
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	99.	0.	0.	0.	99.
PROGR.						21.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1611.06818	0.	0.	0.000	0.000	-1043.668
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	93.	0.	0.	0.	93.
PROGR.						32.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1500.14426	0.	0.	0.000	0.000	-1044.312
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	86.	0.	0.	0.	86.
PROGR.						42.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1389.15189	0.	0.	0.000	0.000	-1044.956
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	80.	0.	0.	0.	80.
PROGR.						53.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1278.09108	0.	0.	0.000	0.000	-1045.600
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	73.	0.	0.	0.	73.
PROGR.						64.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1166.96181	0.	0.	0.000	0.000	-1046.245
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	67.	0.	0.	0.	67.
PROGR.						74.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1055.76410	0.	0.	0.000	0.000	-1046.889
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	61.	0.	0.	0.	61.
PROGR.						85.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	944.49794	0.	0.	0.000	0.000	-1047.533
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	54.	0.	0.	0.	54.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (163- 177) 190
PROGR. 0.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1832.71067	0.	0.	0.000	0.000	-1042.379
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	105.	0.	0.	0.	105.
PROGR.						11.

SOLLECITAZIONI :		MY	MT	N	TZ	TY
Caso	MZ					
1- 1	1721.92365	0.	0.	0.000	0.000	-1043.024
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx	99.	0.	0.	0.	99.
PROGR.						21.



SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	1611.06818	0.	0.	0.000	0.000	-1043.668			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	93.	0.	0.	93.	
								PROGR.	32.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	1500.14426	0.	0.	0.000	0.000	-1044.312			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	86.	0.	0.	86.	
								PROGR.	42.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	1389.15189	0.	0.	0.000	0.000	-1044.956			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	80.	0.	0.	80.	
								PROGR.	53.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	1278.09108	0.	0.	0.000	0.000	-1045.600			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	73.	0.	0.	73.	
								PROGR.	64.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	1166.96181	0.	0.	0.000	0.000	-1046.245			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	67.	0.	0.	67.	
								PROGR.	74.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	1055.76410	0.	0.	0.000	0.000	-1046.889			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	61.	0.	0.	61.	
								PROGR.	85.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	944.49794	0.	0.	0.000	0.000	-1047.533			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	54.	0.	0.	54.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (164- 178)	191	
		PROGR.	0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-430.87870	0.	0.	0.000	0.000	372.364			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	-25.	0.	0.	25.	
								PROGR.	11.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-391.34924	0.	0.	0.000	0.000	371.720			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	-23.	0.	0.	23.	
								PROGR.	21.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-351.88823	0.	0.	0.000	0.000	371.076			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	-20.	0.	0.	20.	
								PROGR.	32.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-312.49567	0.	0.	0.000	0.000	370.431			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	-18.	0.	0.	18.	
								PROGR.	42.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-273.17155	0.	0.	0.000	0.000	369.787			



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-16.	0.	0.	0.	16.
							PROGR.	53.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-233.91589	0.	0.	0.000	0.000	369.143		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-13.	0.	0.	0.	13.
							PROGR.	64.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-194.72867	0.	0.	0.000	0.000	368.499		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-11.	0.	0.	0.	11.
							PROGR.	74.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-155.60990	0.	0.	0.000	0.000	367.855		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-9.	0.	0.	0.	9.
							PROGR.	85.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-116.55958	0.	0.	0.000	0.000	367.210		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-7.	0.	0.	0.	7.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (170- 184)	192
		PROGR. 0.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-430.87870	0.	0.	0.000	0.000	372.364		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-25.	0.	0.	0.	25.
							PROGR.	11.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-391.34924	0.	0.	0.000	0.000	371.720		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-23.	0.	0.	0.	23.
							PROGR.	21.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-351.88823	0.	0.	0.000	0.000	371.076		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-20.	0.	0.	0.	20.
							PROGR.	32.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-312.49567	0.	0.	0.000	0.000	370.431		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-18.	0.	0.	0.	18.
							PROGR.	42.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-273.17155	0.	0.	0.000	0.000	369.787		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-16.	0.	0.	0.	16.
							PROGR.	53.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-233.91589	0.	0.	0.000	0.000	369.143		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-13.	0.	0.	0.	13.
							PROGR.	64.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-194.72867	0.	0.	0.000	0.000	368.499		

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	-11.	0.	0.	0.	11.



----- PROGR. 74.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-155.60990	0.	0.	0.000	0.000	367.855
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	-9.	0.	0.	0.	9.
----- PROGR. 85.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-116.55958	0.	0.	0.000	0.000	367.210
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	-7.	0.	0.	0.	7.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (171- 185) 205
----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	944.49794	0.	9.	0.000	0.000	-1274.592
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	54.	0.	0.	0.	54.
----- PROGR. 9.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	824.97831	0.	9.	0.000	0.000	-1275.160
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	47.	0.	0.	0.	47.
----- PROGR. 19.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	705.40540	0.	9.	0.000	0.000	-1275.729
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	41.	0.	0.	0.	41.
----- PROGR. 28.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	585.77920	0.	9.	0.000	0.000	-1276.297
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	34.	0.	0.	0.	34.
----- PROGR. 38.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	466.09971	0.	9.	0.000	0.000	-1276.866
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	27.	0.	0.	0.	27.
----- PROGR. 47.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	346.36692	0.	9.	0.000	0.000	-1277.434
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	20.	0.	0.	0.	20.
----- PROGR. 56.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	226.58085	0.	9.	0.000	0.000	-1278.002
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	13.	0.	0.	0.	13.
----- PROGR. 66.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	106.74149	0.	9.	0.000	0.000	-1278.571
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	6.	0.	0.	0.	6.
----- PROGR. 75.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	9.	0.000	0.000	-1279.139
TENSIONI (Sz= 0.0) :						
Caso	Ve No massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si 7 Sx Si	-1.	0.	0.	0.	1.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (177- 186) 206 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	944.49794	0.	-9.	0.000	0.000	-1274.592			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	54.	0.	0.	54.	

PROGR. 9.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	824.97831	0.	-9.	0.000	0.000	-1275.160			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	47.	0.	0.	47.	

PROGR. 19.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	705.40540	0.	-9.	0.000	0.000	-1275.729			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	41.	0.	0.	41.	

PROGR. 28.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	585.77920	0.	-9.	0.000	0.000	-1276.297			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	34.	0.	0.	34.	

PROGR. 38.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	466.09971	0.	-9.	0.000	0.000	-1276.866			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	27.	0.	0.	27.	

PROGR. 47.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	346.36692	0.	-9.	0.000	0.000	-1277.434			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	20.	0.	0.	20.	

PROGR. 56.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	226.58085	0.	-9.	0.000	0.000	-1278.002			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	13.	0.	0.	13.	

PROGR. 66.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	106.74149	0.	-9.	0.000	0.000	-1278.571			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	6.	0.	0.	6.	

PROGR. 75.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-13.15117	0.	-9.	0.000	0.000	-1279.139			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	-1.	0.	0.	1.	

PROGR. 75.									

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (178- 187) 207 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-116.55958	0.	9.	0.000	0.000	140.152			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	-7.	0.	0.	7.	

PROGR. 9.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-103.44701	0.	9.	0.000	0.000	139.583			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	-6.	0.	0.	6.	

PROGR. 19.									



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-90.38774	0.	9.	0.000	0.000	139.015	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-5.	0.	0.
							Si
							5.
							28.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-77.38175	0.	9.	0.000	0.000	138.446	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-4.	0.	0.
							Si
							4.
							38.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-64.42905	0.	9.	0.000	0.000	137.878	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-4.	0.	0.
							Si
							4.
							47.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-51.52964	0.	9.	0.000	0.000	137.309	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-3.	0.	0.
							Si
							3.
							56.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-38.68353	0.	9.	0.000	0.000	136.741	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-2.	0.	0.
							Si
							2.
							66.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-25.89070	0.	9.	0.000	0.000	136.173	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
							Si
							1.
							75.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-13.15117	0.	9.	0.000	0.000	135.604	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
							Si
							1.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (184- 188)	208
		PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-116.55958	0.	-9.	0.000	0.000	140.152	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-7.	0.	0.
							Si
							7.
							9.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-103.44701	0.	-9.	0.000	0.000	139.583	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-6.	0.	0.
							Si
							6.
							19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-90.38774	0.	-9.	0.000	0.000	139.015	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-5.	0.	0.
							Si
							5.
							28.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-77.38175	0.	-9.	0.000	0.000	138.446	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-4.	0.	0.
							Si
							4.
							38.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-64.42905	0.	-9.	0.000	0.000	137.878	



TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-4.	0.	0.
						Tau tot.
						0.
						Si
						4.
						PROGR.
						47.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-51.52964	0.	-9.	0.000	0.000	137.309

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-3.	0.	0.
						Tau tot.
						0.
						Si
						3.
						PROGR.
						56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-38.68353	0.	-9.	0.000	0.000	136.741

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-2.	0.	0.
						Tau tot.
						0.
						Si
						2.
						PROGR.
						66.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-25.89070	0.	-9.	0.000	0.000	136.173

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-1.	0.	0.
						Tau tot.
						0.
						Si
						1.
						PROGR.
						75.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	-9.	0.000	0.000	135.604

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-1.	0.	0.
						Tau tot.
						0.
						Si
						1.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (185- 189)	209
		PROGR.
		0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	9.	0.000	0.000	126.964

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-1.	0.	0.
						Tau tot.
						0.
						Si
						1.
						PROGR.
						1.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-11.56459	0.	9.	0.000	0.000	126.888

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-1.	0.	0.
						Tau tot.
						0.
						Si
						1.
						PROGR.
						2.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-9.97896	0.	9.	0.000	0.000	126.813

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	-1.	0.	0.
						Tau tot.
						0.
						Si
						1.
						PROGR.
						4.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-8.39427	0.	9.	0.000	0.000	126.737

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	0.	0.	0.
						Tau tot.
						0.
						Si
						0.
						PROGR.
						5.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-6.81054	0.	9.	0.000	0.000	126.661

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	0.	0.	0.
						Tau tot.
						0.
						Si
						0.
						PROGR.
						6.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-5.22775	0.	9.	0.000	0.000	126.585

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	0.	0.	0.
						Tau tot.
						0.
						Si
						0.
						PROGR.
						8.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-3.64590	0.	9.	0.000	0.000	126.509

TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Si	0.	0.	0.
						Tau tot.
						0.
						Si
						0.



----- PROGR. 9.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-2.06501	0.	9.	0.000	0.000	126.434

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	9.	0.000	0.000	126.358

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (186- 195) 210
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	-9.	0.000	0.000	126.964

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

----- PROGR. 1.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-11.56459	0.	-9.	0.000	0.000	126.888

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

----- PROGR. 2.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-9.97896	0.	-9.	0.000	0.000	126.813

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	-1.	0.	0.	1.

----- PROGR. 4.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-8.39427	0.	-9.	0.000	0.000	126.737

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 5.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-6.81054	0.	-9.	0.000	0.000	126.661

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 6.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-5.22775	0.	-9.	0.000	0.000	126.585

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 8.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-3.64590	0.	-9.	0.000	0.000	126.509

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 9.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-2.06501	0.	-9.	0.000	0.000	126.434

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

----- PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	-9.	0.000	0.000	126.358

TENSIONI (Sz= 0.0) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (187- 196) 211
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	9.	0.000	0.000	126.964
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-1.	0.
PROGR. 1.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-11.56459	0.	9.	0.000	0.000	126.888
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-1.	0.
PROGR. 2.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-9.97896	0.	9.	0.000	0.000	126.813
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-1.	0.
PROGR. 4.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-8.39427	0.	9.	0.000	0.000	126.737
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 5.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-6.81054	0.	9.	0.000	0.000	126.661
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 6.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-5.22775	0.	9.	0.000	0.000	126.585
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 8.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-3.64590	0.	9.	0.000	0.000	126.509
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 9.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-2.06501	0.	9.	0.000	0.000	126.434
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.
PROGR. 10.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-0.48506	0.	9.	0.000	0.000	126.358
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (188- 202) 212
PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-13.15117	0.	-9.	0.000	0.000	126.964
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-1.	0.
PROGR. 1.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
1- 1	-11.56459	0.	-9.	0.000	0.000	126.888
TENSIONI (Sz= 0.0) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
1- 1	si	7	Sx	Si	-1.	0.
PROGR. 2.						



SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-9.97896	0.	-9.	0.000	0.000	126.813	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	-1.	0.	0.
							Si
							1.
							4.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-8.39427	0.	-9.	0.000	0.000	126.737	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							5.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-6.81054	0.	-9.	0.000	0.000	126.661	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							6.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-5.22775	0.	-9.	0.000	0.000	126.585	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							8.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-3.64590	0.	-9.	0.000	0.000	126.509	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							9.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-2.06501	0.	-9.	0.000	0.000	126.434	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							10.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.48506	0.	-9.	0.000	0.000	126.358	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (189- 203)	225
		0.
		PROGR.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.48506	0.	0.	0.000	0.000	2.425	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							5.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.37138	0.	0.	0.000	0.000	2.122	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							10.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.27285	0.	0.	0.000	0.000	1.819	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							15.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.18948	0.	0.	0.000	0.000	1.516	
TENSIONI (Sz= 0.0) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.
1- 1	si	7	Sx	Si	0.	0.	0.
							Si
							0.
							20.
----- PROGR.							

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
1- 1	-0.12127	0.	0.	0.000	0.000	1.213	



TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								25.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.06821			0.	0.	0.000	0.000	0.909

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								30.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.03032			0.	0.	0.000	0.000	0.606

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								35.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.00758			0.	0.	0.000	0.000	0.303

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								40.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	0.00000			0.	0.	0.000	0.000	0.000

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2)	stato limite ultimo - ASTA (195- 204)	226
		PROGR.
		0.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.48506			0.	0.	0.000	0.000	2.425

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								5.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.37138			0.	0.	0.000	0.000	2.122

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								10.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.27285			0.	0.	0.000	0.000	1.819

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								15.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.18948			0.	0.	0.000	0.000	1.516

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								20.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.12127			0.	0.	0.000	0.000	1.213

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								25.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.06821			0.	0.	0.000	0.000	0.909

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								30.

SOLLECITAZIONI :								
Caso	MZ			MY	MT	N	TZ	TY
1- 1	-0.03032			0.	0.	0.000	0.000	0.606

TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	0.	0.	0.	0.	0.
								PROGR.
								0.



----- PROGR. 35.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.00758	0.	0.	0.000	0.000	0.303		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 40.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	0.00000	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_HE900x466 (2) stato limite ultimo - ASTA (196- 205) 227
----- PROGR. 0.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.48506	0.	0.	0.000	0.000	2.425		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 5.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.37138	0.	0.	0.000	0.000	2.122		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 10.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.27285	0.	0.	0.000	0.000	1.819		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 15.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.18948	0.	0.	0.000	0.000	1.516		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 20.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.12127	0.	0.	0.000	0.000	1.213		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 25.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.06821	0.	0.	0.000	0.000	0.909		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 30.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.03032	0.	0.	0.000	0.000	0.606		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 35.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	-0.00758	0.	0.	0.000	0.000	0.303		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.
----- PROGR. 40.								

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
1- 1	0.00000	0.	0.	0.000	0.000	0.000		
TENSIONI (Sz= 0.0) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si
1- 1	si	7	Sx	Si	0.	0.	0.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.



G_HE900x466 (2) stato limite ultimo - ASTA (202- 206) 228
PROGR. 0.

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.48506	0.	0.	0.000	0.000	2.425			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	5.
PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.37138	0.	0.	0.000	0.000	2.122			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	10.
PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.27285	0.	0.	0.000	0.000	1.819			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	15.
PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.18948	0.	0.	0.000	0.000	1.516			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	20.
PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.12127	0.	0.	0.000	0.000	1.213			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	25.
PROGR.									


SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.06821	0.	0.	0.000	0.000	0.909			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	30.
PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.03032	0.	0.	0.000	0.000	0.606			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	35.
PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	-0.00758	0.	0.	0.000	0.000	0.303			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	40.
PROGR.									

SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
1- 1	0.00000	0.	0.	0.000	0.000	0.000			
TENSIONI (Sz= 0.0) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Tau tot.	Si	
1- 1	si	7	Sx	Si	0.	0.	0.	0.	0.
PROGR.									

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.5 Verifiche infilaggi

L'avanzamento dello scavo avverrà col sistema “marcia avanti” inserendo una trave metallica per volta.

A scavo completato gli infilaggi, tubi Ø88,9 s=10 mm, si comportano come una trave continua su 13 appoggi posti a interasse 0,85. In questo caso le massime sollecitazioni in valore assoluto si hanno in corrispondenza del secondo appoggio.

Nella fase scavo si ipotizza, a favore di sicurezza, che il tubo si comporti come una trave semplicemente appoggiata sul traverso precedente e sul terreno di fronte scavo con una luce di calcolo pari a 1,10 m.

Il carico agente sul singolo infilaggio con larghezza di competenza pari a 0,30 m vale:

$$Q_k = P_k / A_{rip} = 42,57 \text{ kN/m}^2$$

$$q_k = Q_k \cdot 0,30 = 12,77 \text{ kN/m} = 13 \text{ kN/m}$$

Le massime sollecitazioni valgono quindi, allo SLU:

$$M_S = 1,5 \cdot 13 \cdot 1,10^2 / 8 = 2,95 \text{ kNm}$$

$$V_S = 1,5 \cdot 13 \cdot 1,10 / 2 = 10,73 \text{ kN}$$

Le caratteristiche resistenti del tubo Ø88,9 s=10 mm in acciaio S355 valgono:

Sezione in Classe 1

$$M_{RD} = 10^{-6} \cdot 355 \cdot 62.585 / 1,05 = 21,16 \text{ kNm} > 2,95 \text{ kNm}$$

$$V_{RD} = 10^{-3} \cdot 355 \cdot 1578 / [1,05 \cdot (3)^{1/2}] = 308,02 \text{ kNm} > 0,5 \cdot 10,73 = 5,37 \text{ kN}$$

La massima inflessione vale:


$$f_{max} = (5 / 384) q_k L^4 / E J_y = 0,602 \text{ mm} = L / 18.267$$

A scavo completato, per quanto detto al secondo capoverso, massime sollecitazioni in valore assoluto si hanno in corrispondenza del secondo appoggio e valgono

$$M_S = 1,5 \cdot 13 \cdot 0,85^2 / 8 = 1,76 \text{ kNm}$$

$$V_S = 1,5 \cdot 13 \cdot 0,85 / 2 = 8,29 \text{ kN}$$

Trattandosi di valori inferiori a quelli ottenuti nella verifica in fase di scavo, le verifiche sono a maggior ragione soddisfatte.

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.6 Verifiche paratia micropali

L'impalcato metallico al di sotto del monumento è sostenuto da due travi precedentemente realizzate sul terreno e supportate ciascuna da due file di micropali.

La trave è in cemento armato ed ha sezione 2,32x1,00 m

I micropali della fila lato scavo hanno le seguenti caratteristiche:

Perforazione; $\varnothing = 200/300$ mm

Armatura tubolare:

$\varnothing_{est} = 193,7$ mm

$\varnothing_{int} = 168,7$ mm

s = 12,5 mm

I micropali della fila opposta lato scavo hanno le seguenti caratteristiche:

Perforazione; $\varnothing = 150/190$ mm

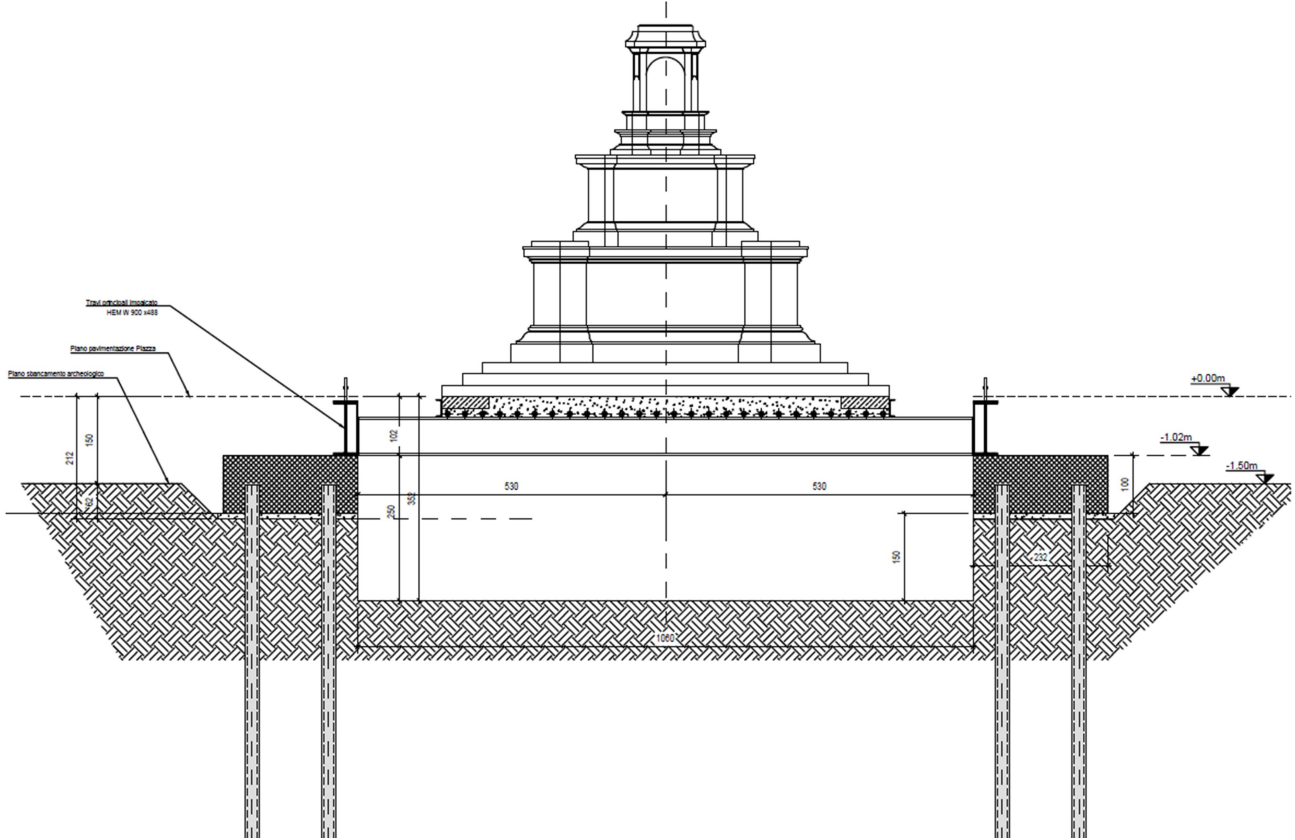
Armatura tubolare:


$\varnothing_{est} = 139,7$ mm

$\varnothing_{int} = 119,7$ mm

s = 10,0 mm

La lunghezza dei micropali è assunta pari a 8,00 m



 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

Nella fase di montaggio dell'impalcato metallico le travi principali si assume che trasferiscano direttamente il carico del complesso Monumento + impalcato sulla prima fila di micropali lato scavo.

Per il complesso monumento + impalcato si assume un peso complessivo pari a 4.000 kN

Il carico trasferito per metro lineare su ogni trave vale:

$$Q = 4.000 / (2 \cdot 10,50) = 190,48 \text{ kN}$$

Alla paratia di micropali è affidata anche il sostegno della spinta del terreno dovuto allo scavo di altezza 1,50 m e il peso della trave in cemento armato di scorrimento.

Per le caratteristiche geotecniche del terreno si fa riferimento alla “Strutture e metodi costruttivi – Stazioni speciali – Stazione Carlo Alberto - Relazione di calcolo opere di sostegno e strutture accessi stazione” del 25/11/2022.

In particolare, si fa riferimento alla UNITA' 1

Tabella 1 Parametri fisico-meccanici del terreno

Unità geologica	Profondità da p.c. [m]	γ [kN/m ³]	c' [kPa]	ϕ' [°]	E [MPa]	ν' [-]
U1	0-5.5	19	0	29	15	0.3
U2	5.5-30	19	10	36	150	0.3

La falda è considerata assente.

Vengono qui di seguito riportate le verifiche per le due condizioni di carico:

Approccio 1 – Combinazione 1 (A1+M1+R1)

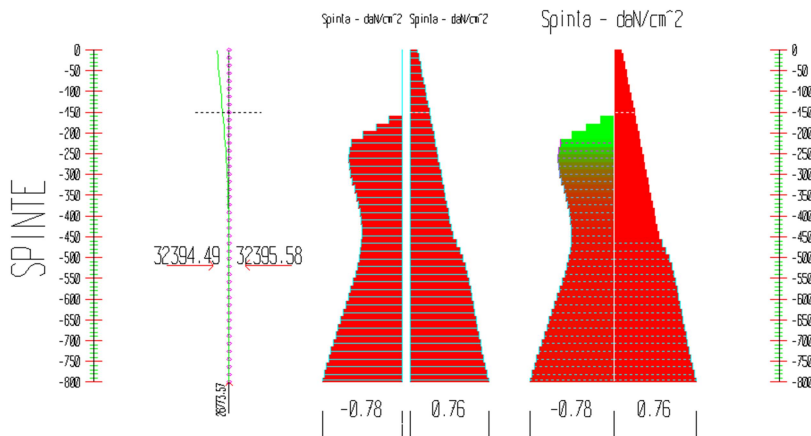
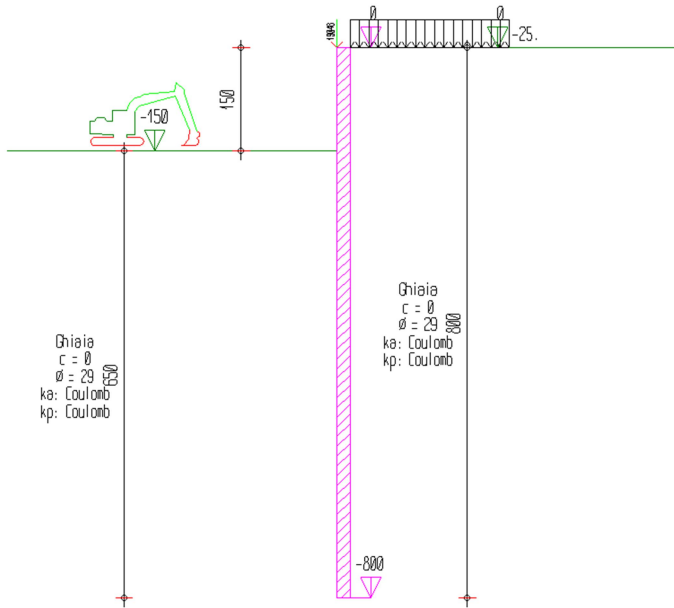
Approccio 1 – Combinazione 2 (A2+M2+R1)

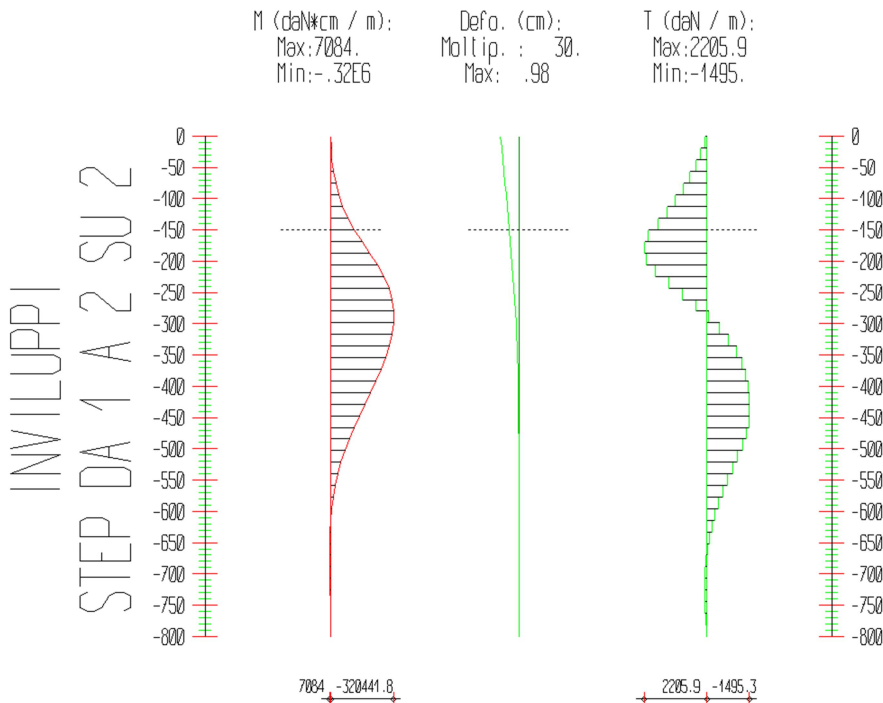
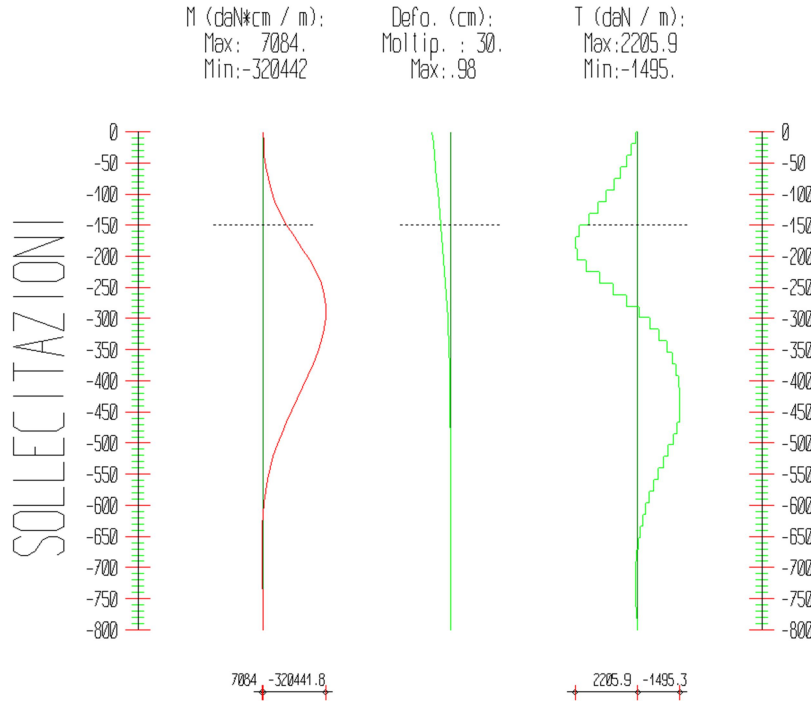


2.6.1 Approccio 1 – Combinazione 1 (A1+M1+R1) – Verifiche geotecniche e strutturali

Relazione di calcolo

Descrizione: Paratia flessibile






MODELLO STRUTTURALE

Segue la descrizione dei materiali da costruzione impiegati nella definizione del modello di calcolo. Oltre a questi vengono elencati gli elementi strutturali elementari che formano il modello.

METODO DI CALCOLO

Il programma "IS Paratie 23" utilizza il metodo di calcolo degli elementi finiti con cui schematizza sia la paratia che il terreno. La paratia è schematizzata con elementi trave a sei gradi di libertà (due traslazioni ed una

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

rotazione per nodo) mentre il terreno è schematizzato con una serie di molle distribuite lungo l'altezza della paratia. Il procedimento iterativo di risoluzione del modello considera il comportamento non lineare del terreno (non linearità meccanica), mentre agli altri elementi assegna un comportamento elastico lineare. I valori numerici utilizzati per il calcolo sono introdotti esplicitamente dall'utente attraverso l'interfaccia grafica del programma, e vengono utilizzati direttamente: in particolare il programma non adotta alcun coefficiente di sicurezza implicito.

Il programma "IS Paratie 23" verifica i seguenti meccanismi di stato limite ultimo: stabilità dell'opera (rototraslazione), resistenza degli elementi strutturali che compongono la paratia, resistenza strutturale degli eventuali ancoraggi (tiranti), verifica a sfilamento degli eventuali ancoraggi, verifica della resistenza strutturale delle eventuali travi di collegamento degli ancoraggi, verifica della resistenza strutturale di eventuali puntoni. Tutte le verifiche vengono condotte con riferimento alle combinazioni di carico indicate dall'utente, sia statiche che sismiche.

Le deformazioni e le sollecitazioni cui è soggetta l'opera vengono stabilite utilizzando il metodo FEM con un procedimento iterativo che permette di considerare il comportamento non lineare del terreno. Tutti gli elementi strutturali (paratia, eventuali tiranti, eventuali puntoni) ed il terreno stesso sono schematizzati con elementi finiti e partecipano al calcolo con le proprie caratteristiche di rigidità e resistenza. Qualora il procedimento iterativo di soluzione del sistema di equazioni non lineari non trovi l'equilibrio dell'opera o superi lo spostamento massimo (valore parametrizzato e modificabile dall'utente), il calcolo si interrompe, e viene riportato un messaggio esplicito a video e nell'output di stampa. L'esistenza dei risultati è di per se garanzia che il programma è stato in grado di calcolare una configurazione equilibrata e congruente, cioè una situazione di equilibrio tra le azioni applicate all'opera e la resistenza da questa esplicita, stanti le caratteristiche meccaniche e geometriche della paratia e del terreno ed i coefficienti di sicurezza applicati. Alla situazione di equilibrio determinata, corrispondono spostamenti e sollecitazioni lungo la paratia e gli altri elementi strutturali, che vengono verificati in successione. Tutte queste ulteriori verifiche sono riportate a schermo e nell'output di stampa e devono essere superate per garantire la sicurezza dell'opera.

La sicurezza dell'opera è valutata in relazione al seguente approccio: NTC 2018, punto 6.5.3.1.2, SLU Approccio 1 Combinazione 1 (A1+M1+R1).

Metodo di verifica degli elementi strutturali.

Le verifiche tensionali degli elementi strutturali vengono eseguite col metodo degli stati limite.

Coefficienti sulle azioni.

L'intensità delle azioni, o dell'effetto delle azioni, è modificata applicando i seguenti coefficienti di sicurezza parziali ai carichi: $\gamma_{M1} = 1.3$, $\gamma_{M2} = 1.5$, $\gamma_{Qi} = 1.5$.

Coefficienti per il calcolo delle spinte del terreno.

Si applicano coefficienti di sicurezza parziali alle caratteristiche meccaniche del terreno: $\gamma_{mj} = 1$, $\gamma_{mc} = 1$, $\gamma_{msu} = 1$, $\gamma_{mgam} = 1$.

Unità di misura e convenzioni.

Ove non altrimenti specificato si utilizzano le seguenti unità di misura: daN; cm; cm²; daN/cm; daN cm; daN/cm².

Per quanto riguarda lo step di inserimento di un elemento, si intende che quest'ultimo è presente nel modello dall'inizio dello Step. La stessa regola vale per lo step di rimozione, cioè si intende che un elemento viene rimosso all'inizio dello Step specificato. Il sistema di riferimento utilizzato vede l'asse delle z verticale, orientato verso l'alto, l'asse delle x parallelo al piano di lavoro ed orientato verso destra, e l'asse delle y parallelo allo sviluppo longitudinale della paratia. In quest'ultima direzione viene convenzionalmente considerata una sezione di paratia larga 100 cm.

MATERIALI DA COSTRUZIONE IMPIEGATI

Cemento Armato: Conglomerato Cementizio Rck 300, Barre d'armatura B450C (cls: fcd = 141.1; barre: fyd = 3913.04).

Profilati in acciaio: Acciaio S355 (Fe 510) (fd = 3380.95).

ELEMENTI STRUTTURALI

La struttura analizzata è formata dai seguenti elementi.

STRATI

Segue la descrizione della stratigrafia del terreno utilizzata nel modello.



Descrizione	STR_1
Quota iniziale [cm]	Ghiaia
Grado di preconsolidazione (OCR)	0
Angolo d'attrito (j') [°]	1
coesione efficace (c') [daN/cm2]	29
Resistenza non drenata (su) [daN/cm2]	0
Permeabilità (m) [cm/s]	0.8
Peso di unità di volume fuori falda (gamd) [daN/cm3]	0.5005
Peso di unità di volume sotto falda (gamt) [daN/cm3]	0.00186
	0.00215

SPINTA A RIPOSO

STR_1

La spinta a riposo viene valutata in termini di tensioni efficaci, con l'espressione seguente:

sig'h0 = k0,ocsig'v0 , dove k0,oc = k0,nc OCRalfa.

Metodo Utente per il calcolo del coefficiente di spinta normalconsolidato. Il valore di k0,nc è indicato direttamente dall'utente: k0,nc = 0.44.

Metodo Alpan per il calcolo del coefficiente di spinta sovraconsolidato. Il valore di alfa è assunto pari a 0.5.

I valori dei coefficienti di spinta a riposo utilizzati nel calcolo sono i seguenti:

k0,nc = 0.44

k0,oc = 0.44

PRESSIONE LIMITE ATTIVA E PASSIVA

STR_1

Metodo Coulomb per il calcolo del limite di spinta attiva.

Il limite di spinta attiva viene valutato in termini di tensioni efficaci, con l'espressione seguente:

sig'ha = ka,hsig'v - 2c'(ka,h)1/2

Il valore di ka,h è calcolato con la formula di Coulomb estesa da Muller-Breslau. Vengono applicati gli opportuni coefficienti di sicurezza parziali all'angolo di resistenza al taglio ed alla coesione drenata (gamj = 1, gamc = 1). Si considera un'inclinazione del terrapieno di 0 gradi ed un angolo di attrito muro-terreno nullo.

ka,h = 0.347

Metodo Coulomb per il calcolo del limite di spinta passiva.

Il limite di spinta passiva viene valutato in termini di tensioni efficaci, con l'espressione seguente:

sig'hp = kp,hsig'v + 2c'(kp,h)1/2

Il valore di kp,h è calcolato con la formula di Coulomb estesa da Muller-Breslau. Vengono applicati gli opportuni coefficienti di sicurezza parziali all'angolo di resistenza al taglio ed alla coesione drenata (gamj = 1, gamc = 1). Si considera un'inclinazione del terrapieno di 0 gradi ed un angolo di attrito muro-terreno nullo.

kp,h = 2.8821

DEFORMABILITÀ

STR_1

Metodo Bowles per il calcolo del modulo di reazione del terreno.

Il modulo di reazione viene valutato secondo l'espressione seguente:

ks = As+Bs z

I valori di As e di Bs sono calcolati secondo la correlazione proposta da Bowles (1991).

As = 0.4777, Bs = 0.0122

PARATIA

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traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Il modello comprende una sola paratia (PAR_1), alta 800 cm.

La paratia PAR_1 utilizza la sezione trasversale SEZ_3. Per la verifica delle tensioni si utilizza la sezione 2.

SEZIONI

Segue la descrizione delle sezioni trasversali utilizzate dagli elementi del modello.

	SEZ_2	SEZ_3
Tipo	TUBO CIRCOLARE	RETTANGOLARE
Descrizione	Sezione 2	Sezione 3
Materiale	Acciaio	C.A.
Modulo di Young [daN/cm ²]	2100000.	314472.
Numero di sezioni per metro	1.58	1.58
Area [cm ²]	71.15	1883.
Momento d'inerzia Z [cm ⁴]	2929.	55638.
Momento d'inerzia Y [cm ⁴]	2929.	1569167.
Ferri superiori	-	nessun ferro
Ferri inferiori	-	nessun ferro
Staffe - numero bracci	-	0
Staffe - diametro [mm]	-	0
Staffe - passo [cm]	-	0

CARICHI NASTRIFORMI DISTRIBUITI SUL TERRENO

Segue la descrizione dei carichi nastriiformi distribuiti sul terreno nella zona a monte. I carichi sono dati in daN/cm, per ogni metro di estensione longitudinale della paratia. Il valore dichiarato rappresenta quindi il carico distribuito su una striscia di 1x100 cm.

	CUD_1_1
Quota di applicazione [cm]	0
Distanza dalla paratia [cm]	0
Larghezza [cm]	232
Carico distribuito [daN/cm]	-25
Carico distribuito [daN/cm ²]	-0.25
Tipologia	variabile
Step di attivazione	1
Step di rimozione	-

PESO PROPRIO

Alla paratia PAR_1, viene automaticamente applicato il peso proprio come carico distribuito in direzione verticale, con intensita' definita dalla propria sezione trasversale.

CARICHI ESTERNI APPLICATI AGLI ELEMENTI STRUTTURALI

Segue la descrizione dei carichi esterni applicati al modello. I carichi concentrati sono dati in daN, quelli distribuiti in daN/cm, per ogni metro di estensione trasversale della paratia.

	QES_1
Forza concentrata	Paratia
Applicato a	0
Coordinata	0
Intensità - x [daN]	0
Intensità - z [daN]	-19048
Tipologia	-
Step di attivazione	2
Step di rimozione	-

STEP DI PROGETTO

Segue la descrizione dei passi considerati nella definizione del modello per simulare le fasi realizzative dell'opera.

Step 1

In questo step vengono effettuate le seguenti modifiche al modello:

Inserimento carico nastriiforme su terreno: CUD_1_1

Step 2

In questo step vengono effettuate le seguenti modifiche al modello:

Inserimento carico esterno: QES_1

Scavo portato a quota: -150

TABELLA RIASSUNTIVA

La seguente tabella riassume le caratteristiche del modello strutturale



nell'insieme degli step considerati.

Step	Quota scavo	Strati	Carichi terreno	Carichi struttura
1	0	STR_1	CUD_1_1	
2	-150	STR_1	CUD_1_1	QES_1

MODELLO FEM

Segue la descrizione dello schema ad elementi finiti utilizzato per la
risoluzione del modello strutturale e la valutazione di spostamenti e
sollecitazioni, aggiornato all'ultimo step di calcolo effettuato.

NODI

Indice	Coord. X	Coord. Z
1.	0.	0.
2.	0.	-18.75
3.	0.	-37.5
4.	0.	-56.25
5.	0.	-75.
6.	0.	-93.75
7.	0.	-112.5
8.	0.	-131.25
9.	0.	-150.
10.	0.	-168.57
11.	0.	-187.14
12.	0.	-205.71
13.	0.	-224.29
14.	0.	-242.86
15.	0.	-261.43
16.	0.	-280.
17.	0.	-298.57
18.	0.	-317.14
19.	0.	-335.71
20.	0.	-354.29
21.	0.	-372.86
22.	0.	-391.43
23.	0.	-410.
24.	0.	-428.57
25.	0.	-447.14
26.	0.	-465.71
27.	0.	-484.29
28.	0.	-502.86
29.	0.	-521.43
30.	0.	-540.
31.	0.	-558.57
32.	0.	-577.14
33.	0.	-595.71
34.	0.	-614.29
35.	0.	-632.86



36.	0.	-651.43
37.	0.	-670.
38.	0.	-688.57
39.	0.	-707.14
40.	0.	-725.71
41.	0.	-744.29
42.	0.	-762.86
43.	0.	-781.43
44.	0.	-800.

ASTE

Indice	Nodo iniz.	Nodo fin.	Lunghezza	Incognite
1.	2.	1.	18.75	4 5 6 1 2 3
2.	3.	2.	18.75	7 8 9 4 5 6
3.	4.	3.	18.75	10 11 12 7 8 9
4.	5.	4.	18.75	13 14 15 10 11 12
5.	6.	5.	18.75	16 17 18 13 14 15
6.	7.	6.	18.75	19 20 21 16 17 18
7.	8.	7.	18.75	22 23 24 19 20 21
8.	9.	8.	18.75	25 26 27 22 23 24
9.	10.	9.	18.57	28 29 30 25 26 27
10.	11.	10.	18.57	31 32 33 28 29 30
11.	12.	11.	18.57	34 35 36 31 32 33
12.	13.	12.	18.57	37 38 39 34 35 36
13.	14.	13.	18.57	40 41 42 37 38 39
14.	15.	14.	18.57	43 44 45 40 41 42
15.	16.	15.	18.57	46 47 48 43 44 45
16.	17.	16.	18.57	49 50 51 46 47 48
17.	18.	17.	18.57	52 53 54 49 50 51
18.	19.	18.	18.57	55 56 57 52 53 54
19.	20.	19.	18.57	58 59 60 55 56 57
20.	21.	20.	18.57	61 62 63 58 59 60
21.	22.	21.	18.57	64 65 66 61 62 63
22.	23.	22.	18.57	67 68 69 64 65 66
23.	24.	23.	18.57	70 71 72 67 68 69
24.	25.	24.	18.57	73 74 75 70 71 72
25.	26.	25.	18.57	76 77 78 73 74 75
26.	27.	26.	18.57	79 80 81 76 77 78
27.	28.	27.	18.57	82 83 84 79 80 81
28.	29.	28.	18.57	85 86 87 82 83 84
29.	30.	29.	18.57	88 89 90 85 86 87
30.	31.	30.	18.57	91 92 93 88 89 90
31.	32.	31.	18.57	94 95 96 91 92 93



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

32.	33.	32.	18.57	97 98 99 94 95 96
33.	34.	33.	18.57	100 101 102 97 98 99
34.	35.	34.	18.57	103 104 105 100 101 102
35.	36.	35.	18.57	106 107 108 103 104 105
36.	37.	36.	18.57	109 110 111 106 107 108
37.	38.	37.	18.57	112 113 114 109 110 111
38.	39.	38.	18.57	115 116 117 112 113 114
39.	40.	39.	18.57	118 119 120 115 116 117
40.	41.	40.	18.57	121 122 123 118 119 120
41.	42.	41.	18.57	124 125 126 121 122 123
42.	43.	42.	18.57	127 128 129 124 125 126
43.	44.	43.	18.57	130 0 131 127 128 129

RISULTATI

Il calcolo è stato eseguito correttamente per 2 Step.

SINGOLI STEP

Segue la descrizione dei risultati ottenuti nei diversi Step considerati.

STEP 1

In questo Step si hanno le seguenti sollecitazioni, deformazioni, reazioni vincolari, pressioni nel terreno e risultanti delle spinte.

Solllecitazioni - Paratia PAR_1					
Progressiva	Spost. x [cm]	Spost. z [cm]	M [daN cm]	T [daN]	N [daN]
-18.8	0	-0.003	0	0	-181.1
-37.5	0	-0.003	0	0	-362.1
-56.2	0	-0.003	0	0	-543.2
-75	0	-0.003	0	0	-724.3
-93.8	0	-0.003	0	0	-905.3
-112.5	0	-0.003	0	0	-1086.4
-131.2	0	-0.003	0	0	-1267.5
-150	0	-0.003	0	0	-1448.5
-168.6	0	-0.003	0	0	-1627.9
-187.1	0	-0.003	0	0	-1807.2
-205.7	0	-0.003	0	0	-1986.6
-224.3	0	-0.003	0	0	-2165.9
-242.9	0	-0.003	0	0	-2345.3
-261.4	0	-0.003	0	0	-2524.6
-280	0	-0.003	0	0	-2704
-298.6	0	-0.003	0	0	-2883.3
-317.1	0	-0.003	0	0	-3062.6
-335.7	0	-0.003	0	0	-3242
-354.3	0	-0.003	0	0	-3421.3
-372.9	0	-0.003	0	0	-3600.7
-391.4	0	-0.003	0	0	-3780
-410	0	-0.002	0	0	-3959.4
-428.6	0	-0.002	0	0	-4138.7
-447.1	0	-0.002	0	0	-4318
-465.7	0	-0.002	0	0	-4497.4
-484.3	0	-0.002	0	0	-4676.7
-502.9	0	-0.002	0	0	-4856.1
-521.4	0	-0.002	0	0	-5035.4
-540	0	-0.002	0	0	-5214.8
-558.6	0	-0.002	0	0	-5394.1
-577.1	0	-0.002	0	0	-5573.4
-595.7	0	-0.001	0	0	-5752.8
-614.3	0	-0.001	0	0	-5932.1
-632.9	0	-0.001	0	0	-6111.5
-651.4	0	-0.001	0	0	-6290.8
-670	0	-0.001	0	0	-6470.2
-688.6	0	-0.001	0	0	-6649.5
-707.1	0	-0.001	0	0	-6828.9
-725.7	0	-0.001	0	0	-7008.2
-744.3	0	0	0	0	-7187.5
-762.9	0	0	0	0	-7366.9
-781.4	0	0	0	0	-7546.2
-800	0	0	0	0	-7725.6

Reazioni vincolari				
Descrizione	Nome	Orizzontale [daN]	verticale [daN]	Momento [daN cm]



|Base Paratia|PAR_1| - |7725.6 | - |

Table with columns: Quota [cm], Pres. Monte [daN/cm2], Pres. Valle [daN/cm2]. Rows include depth values from 0 to -800 cm and corresponding pressure data.

sigv = tensione verticale totale
sigh = tensione orizzontale totale
u = pressione neutra
sig'v = tensione verticale efficace
sig'h = tensione orizzontale efficace

Risultanti delle pressioni [daN] e bracci [c]
Monte | Valle
Rh | 38346.5 | bh | 509.8 | Rh | 38346.5 | bh | 509.8
R'h | 38346.5 | b'h | 509.8 | R'h | 38346.5 | b'h | 509.8
Ru | 0 | bu | 0 | Ru | 0 | bu | 0
R = risultanti delle spinte, b = bracci risp
pedice h = risultante delle pressioni totali
pedice 'h = risultante delle pressioni effic
pedice u = risultante delle pressioni neutre

STEP 2

In questo step si hanno le seguenti sollecitazioni, deformazioni, reazioni vincolari, pressioni nel terreno e risultanti delle spinte.

Table with columns: Progressiva, Spost. x [cm], Spost. z [cm], M [daN cm], T [daN], N [daN]. Rows include depth values from -18.8 to -242.9 cm and corresponding displacement and force data.



Table with 6 columns of numerical data representing structural calculations, likely displacements or forces.

Table titled 'Reazioni vincolari' (Support Reactions) with columns: Descrizione, Nome, Orizzontale [daN], Verticale [daN], Momento [daN cm].

Table titled 'Pressioni nel terreno, Paratia PAR_1' (Soil Pressions) with columns for Quota [cm], Pres. Monte, and Pres. Valle, each with sub-columns for different stress components.



sig'v = tensione verticale efficace
sig'h = tensione orizzontale efficace

Risultanti delle pressioni [daN] e bracci [c]
Monte valle
Rh | -32395.6 | bh | 518.3 | Rh | 32394.5 | bh | 518.3
R'h | -32395.6 | b'h | 518.3 | R'h | 32394.5 | b'h | 518.3
Ru | 0 | bu | 0 | Ru | 0 | bu | 0
R = risultanti delle spinte, b = bracci risp
pedice h = risultante delle pressioni totali
pedice 'h = risultante delle pressioni effice
pedice u = risultante delle pressioni neutre

INVILUPPO DELLE SOLLECITAZIONI

segue l'inviluppo dei risultati ottenuti negli step considerati.

Table with 7 columns: Inviluppo - Paratia PAR_1, Progressiva, M [daN], cm, T [daN], N [daN], Min., Max. It lists various load values and their corresponding moments and tensions.

VERIFICHE

Il calcolo è stato eseguito correttamente per 2 Step.

VERIFICHE DELLE SEZIONI

Le verifiche tensionali vengono eseguite col metodo degli stati limite. Le sezioni degli elementi strutturali sono verificate a pressoflessione retta, sollecitate dai valori di momento flettente e sforzo normale derivanti dal calcolo.

Segue la descrizione dei risultati ottenuti nei diversi step considerati.

STEP 1

In questo step si hanno i seguenti valori di tensione:

Table with 7 columns: Tensioni - Paratia PAR_1 - Porzione 1 (acciaio:3380.95), sig max, sig max2, eps max, eps max2, Verifica, Soddisfatta. It shows stress and strain values for different sections.



-18.8	0	-114.7	-1.6	-1.6	0	0	Soddisfatta
-37.5	0	-229.5	-3.2	-3.2	0	0	Soddisfatta
-56.2	0	-344.2	-4.8	-4.8	0	0	Soddisfatta
-75	0	-459	-6.5	-6.5	0	0	Soddisfatta
-93.8	0	-573.7	-8.1	-8.1	0	0	Soddisfatta
-112.5	0	-688.5	-9.7	-9.7	0	0	Soddisfatta
-131.2	0	-803.2	-11.3	-11.3	0	0	Soddisfatta
-150	0	-918	-12.9	-12.9	0	0	Soddisfatta
-168.6	0	-1031.6	-14.5	-14.5	0	0	Soddisfatta
-187.1	0	-1145.3	-16.1	-16.1	0	0	Soddisfatta
-205.7	0	-1258.9	-17.7	-17.7	0	0	Soddisfatta
-224.3	0	-1372.6	-19.3	-19.3	0	0	Soddisfatta
-242.9	0	-1486.2	-20.9	-20.9	0	0	Soddisfatta
-261.4	0	-1599.9	-22.5	-22.5	0	0	Soddisfatta
-280	0	-1713.5	-24.1	-24.1	0	0	Soddisfatta
-298.6	0	-1827.2	-25.7	-25.7	0	0	Soddisfatta
-317.1	0	-1940.8	-27.3	-27.3	0	0	Soddisfatta
-335.7	0	-2054.5	-28.9	-28.9	0	0	Soddisfatta
-354.3	0	-2168.1	-30.5	-30.5	0	0	Soddisfatta
-372.9	0	-2281.8	-32.1	-32.1	0	0	Soddisfatta
-391.4	0	-2395.4	-33.7	-33.7	0	0	Soddisfatta
-410	0	-2509.1	-35.3	-35.3	0	0	Soddisfatta
-428.6	0	-2622.7	-36.9	-36.9	0	0	Soddisfatta
-447.1	0	-2736.4	-38.5	-38.5	0	0	Soddisfatta
-465.7	0	-2850.1	-40.1	-40.1	0	0	Soddisfatta
-484.3	0	-2963.7	-41.7	-41.7	0	0	Soddisfatta
-502.9	0	-3077.4	-43.3	-43.3	0	0	Soddisfatta
-521.4	0	-3191	-44.8	-44.8	0	0	Soddisfatta
-540	0	-3304.7	-46.4	-46.4	0	0	Soddisfatta
-558.6	0	-3418.3	-48	-48	0	0	Soddisfatta
-577.1	0	-3532	-49.6	-49.6	0	0	Soddisfatta
-595.7	0	-3645.6	-51.2	-51.2	0	0	Soddisfatta
-614.3	0	-3759.3	-52.8	-52.8	0	0	Soddisfatta
-632.9	0	-3872.9	-54.4	-54.4	0	0	Soddisfatta
-651.4	0	-3986.6	-56	-56	0	0	Soddisfatta
-670	0	-4100.2	-57.6	-57.6	0	0	Soddisfatta
-688.6	0	-4213.9	-59.2	-59.2	0	0	Soddisfatta
-707.1	0	-4327.5	-60.8	-60.8	0	0	Soddisfatta
-725.7	0	-4441.2	-62.4	-62.4	0	0	Soddisfatta
-744.3	0	-4554.8	-64	-64	0	0	Soddisfatta
-762.9	0	-4668.5	-65.6	-65.6	0	0	Soddisfatta
-781.4	0	-4782.1	-67.2	-67.2	0	0	Soddisfatta
-800	0	-4895.8	-68.8	-68.8	0	0	Soddisfatta

STEP 2

In questo step si hanno i seguenti valori di tensione:

Tensioni	-	Paratia	PAR_1	-	Porzione	1	(acciaio:3380.95)
sig max = max tens. di compressione, sig max2 = max tens. di trazione, eps max = max defo. di compressione]							
Progressiva	M [daN cm]	N [daN]	sig max [daN/cm2]	sig max2 [daN/cm2]	eps max [%]	eps max2 [%]	Verifica
0	0	-12071	-169.6	-169.6	-0.01	-0.01	
Soddisfatta							
-18.8	-768.5	-12185.7	-173.8	-168.7	-0.01	-0.01	
Soddisfatta							
-37.5	-3336.4	-12300.5	-183.9	-161.8	-0.01	-0.01	
Soddisfatta							
-56.2	-8052	-12415.2	-201.1	-147.9	-0.01	-0.01	
Soddisfatta							
-75	-15260.1	-12530	-226.6	-125.6	-0.01	-0.01	
Soddisfatta							
-93.8	-25300.7	-12644.7	-261.4	-94	-0.01	0	
Soddisfatta							
-112.5	-38508.9	-12759.4	-306.7	-52	-0.01	0	
Soddisfatta							
-131.2	-55214.4	-12874.2	-363.5	1.6	-0.02	0	
Soddisfatta							
-150	-75742.4	-12988.9	-433	67.9	-0.02	0	
Soddisfatta							
-168.6	-100158.7	-13102.6	-515.4	147.1	-0.02	0.01	
Soddisfatta							
-187.1	-126120.1	-13216.2	-602.8	231.3	-0.03	0.01	
Soddisfatta							
-205.7	-151104.8	-13329.9	-687	312.3	-0.03	0.01	
Soddisfatta							
-224.3	-172589.1	-13443.5	-759.7	381.8	-0.04	0.02	
Soddisfatta							
-242.9	-188422.3	-13557.2	-813.6	432.5	-0.04	0.02	
Soddisfatta							
-261.4	-198515.7	-13670.9	-848.6	464.3	-0.04	0.02	
Soddisfatta							

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traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

-280	-203068.3	-13784.5	-865.2	477.8	-0.04	0.02
Soddisfatta						
-298.6	-202503.2	-13898.2	-865	474.3	-0.04	0.02
Soddisfatta						
-317.1	-197405	-14011.8	-849.7	455.9	-0.04	0.02
Soddisfatta						
-335.7	-188461.4	-14125.5	-821.7	424.7	-0.04	0.02
Soddisfatta						
-354.3	-176409.8	-14239.1	-783.5	383.2	-0.04	0.02
Soddisfatta						
-372.9	-161990.7	-14352.8	-737.4	334	-0.04	0.02
Soddisfatta						
-391.4	-145909.5	-14466.4	-685.8	279.2	-0.03	0.01
Soddisfatta						
-410	-128805.6	-14580.1	-630.8	221	-0.03	0.01
Soddisfatta						
-428.6	-111230.2	-14693.7	-574.3	161.3	-0.03	0.01
Soddisfatta						
-447.1	-93631.9	-14807.4	-517.7	101.5	-0.02	0
Soddisfatta						
-465.7	-76349.7	-14921	-462.2	42.8	-0.02	0
Soddisfatta						
-484.3	-60075	-15034.7	-410	-12.6	-0.02	0
Soddisfatta						
-502.9	-45386.9	-15148.3	-363	-62.8	-0.02	0
Soddisfatta						
-521.4	-32632	-15262	-322.4	-106.6	-0.02	-0.01
Soddisfatta						
-540	-21963.2	-15375.6	-288.7	-143.5	-0.01	-0.01
Soddisfatta						
-558.6	-13380.7	-15489.3	-261.9	-173.4	-0.01	-0.01
Soddisfatta						
-577.1	-6771.2	-15602.9	-241.7	-196.9	-0.01	-0.01
Soddisfatta						
-595.7	-1944	-15716.6	-227.3	-214.5	-0.01	-0.01
Soddisfatta						
-614.3	1338.1	-15830.3	-226.9	-218.1	-0.01	-0.01
Soddisfatta						
-632.9	3333.3	-15943.9	-235.1	-213.1	-0.01	-0.01
Soddisfatta						
-651.4	4301.3	-16057.6	-239.9	-211.5	-0.01	-0.01
Soddisfatta						
-670	4489.2	-16171.2	-242.1	-212.4	-0.01	-0.01
Soddisfatta						
-688.6	4123.2	-16284.9	-242.5	-215.2	-0.01	-0.01
Soddisfatta						
-707.1	3404.5	-16398.5	-241.7	-219.2	-0.01	-0.01
Soddisfatta						
-725.7	2509.3	-16512.2	-240.4	-223.8	-0.01	-0.01
Soddisfatta						
-744.3	1591.2	-16625.8	-238.9	-228.4	-0.01	-0.01
Soddisfatta						
-762.9	786	-16739.5	-237.9	-232.7	-0.01	-0.01
Soddisfatta						
-781.4	216.9	-16853.1	-237.6	-236.1	-0.01	-0.01
Soddisfatta						
-800	0	-16966.8	-238.5	-238.5	-0.01	-0.01
Soddisfatta						

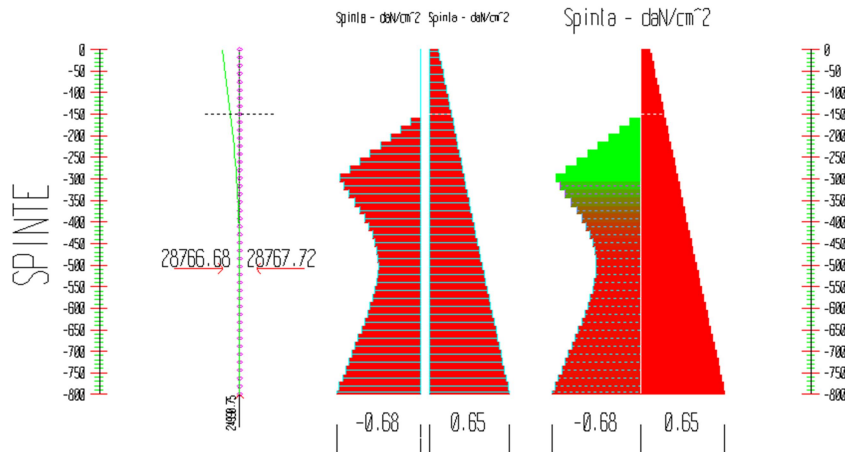
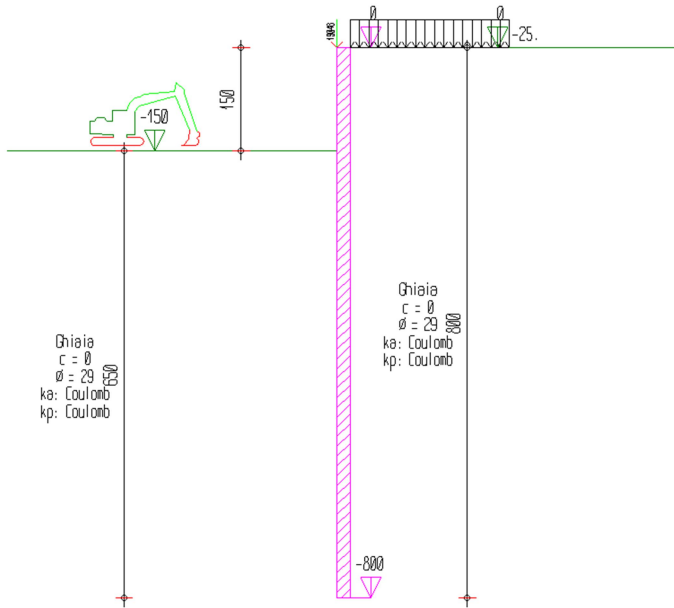


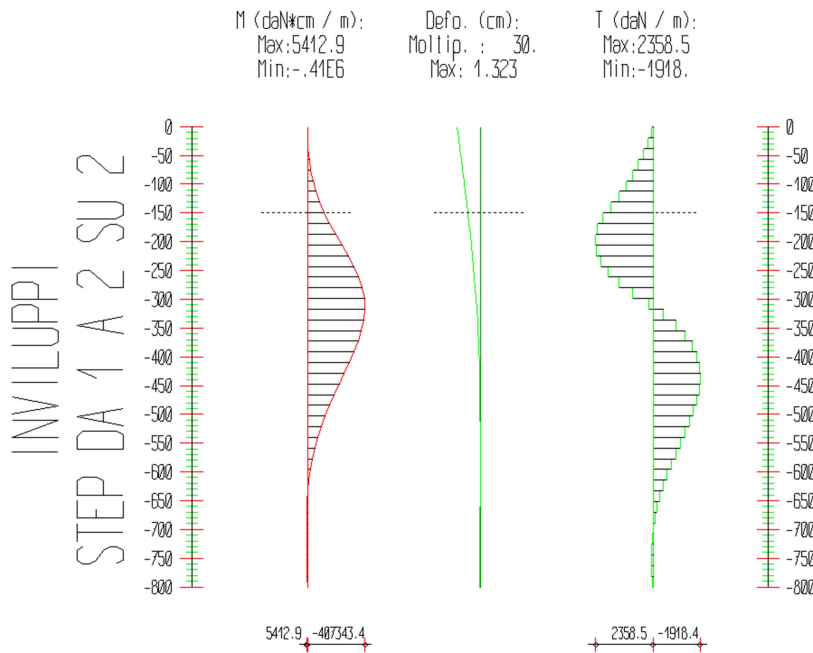
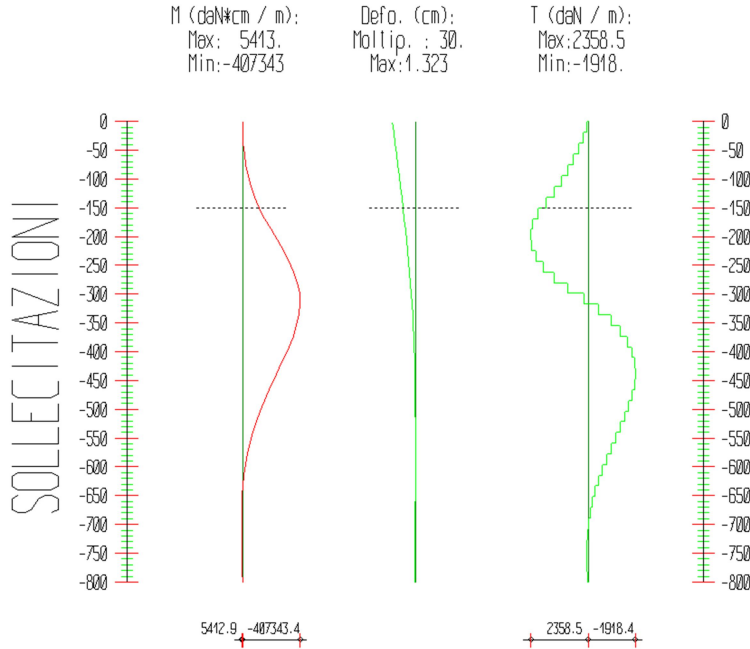
2.6.2 Approccio 1 – Combinazione 2 (A2+M2+R1) - Verifiche geotecniche e strutturali

Relazione di Calcolo

Descrizione: Paratia flessibile

Nome: c:\dolmen23\lavori\CA-PIA\pr_nuovo.prt






MODELLO STRUTTURALE

Segue la descrizione dei materiali da costruzione impiegati nella definizione del modello di calcolo. Oltre a questi vengono elencati gli elementi strutturali elementari che formano il modello.

METODO DI CALCOLO

Il programma "IS Paratie 23" utilizza il metodo di calcolo degli elementi finiti con cui schematizza sia la paratia che il terreno. La paratia è schematizzata con elementi trave a sei gradi di libertà (due traslazioni ed una rotazione per nodo) mentre il terreno è schematizzato con una serie di molle distribuite lungo l'altezza della paratia. Il procedimento iterativo di risoluzione del modello considera il comportamento non lineare del terreno (non linearità meccanica), mentre agli altri elementi assegna un comportamento elastico lineare. I valori numerici utilizzati per il calcolo sono introdotti

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esplicitamente dall'utente attraverso l'interfaccia grafica del programma, e vengono utilizzati direttamente: in particolare il programma non adotta alcun coefficiente di sicurezza implicito.

Il programma "IS Paratie 23" verifica i seguenti meccanismi di stato limite ultimo: stabilità dell'opera (rototraslazione), resistenza degli elementi strutturali che compongono la paratia, resistenza strutturale degli eventuali ancoraggi (tiranti), verifica a sfilamento degli eventuali ancoraggi, verifica della resistenza strutturale delle eventuali travi di collegamento degli ancoraggi, verifica della resistenza strutturale di eventuali puntoni. Tutte le verifiche vengono condotte con riferimento alle combinazioni di carico indicate dall'utente, sia statiche che sismiche.

Le deformazioni e le sollecitazioni cui è soggetta l'opera vengono stabilite utilizzando il metodo FEM con un procedimento iterativo che permette di considerare il comportamento non lineare del terreno. Tutti gli elementi strutturali (paratia, eventuali tiranti, eventuali puntoni) ed il terreno stesso sono schematizzati con elementi finiti e partecipano al calcolo con le proprie caratteristiche di rigidità e resistenza. Qualora il procedimento iterativo di soluzione del sistema di equazioni non lineari non trovi l'equilibrio dell'opera o superi lo spostamento massimo (valore parametrizzato e modificabile dall'utente), il calcolo si interrompe, e viene riportato un messaggio esplicito a video e nell'output di stampa. L'esistenza dei risultati è di per se garanzia che il programma è stato in grado di calcolare una configurazione equilibrata e congruente, cioè una situazione di equilibrio tra le azioni applicate all'opera e la resistenza da questa esplicata, stanti le caratteristiche meccaniche e geometriche della paratia e del terreno ed i coefficienti di sicurezza applicati. Alla situazione di equilibrio determinata, corrispondono spostamenti e sollecitazioni lungo la paratia e gli altri elementi strutturali, che vengono verificati in successione. Tutte queste ulteriori verifiche sono riportate a schermo e nell'output di stampa e devono essere superate per garantire la sicurezza dell'opera.

La sicurezza dell'opera è valutata in relazione al seguente approccio: NTC 2018, punto 6.5.3.1.2, SLU Approccio 1 Combinazione 2 (A2+M2+R1).

Metodo di verifica degli elementi strutturali.

Le verifiche tensionali degli elementi strutturali vengono eseguite col metodo degli stati limite.

Coefficienti sulle azioni.

L'intensità delle azioni, o dell'effetto delle azioni, è modificata applicando i seguenti coefficienti di sicurezza parziali ai carichi: $\gamma_{G1} = 1$, $\gamma_{G2} = 1.3$, $\gamma_{Qi} = 1.3$.

Coefficienti per il calcolo delle spinte del terreno.

Si applicano coefficienti di sicurezza parziali alle caratteristiche meccaniche del terreno: $\gamma_{mj} = 1.25$, $\gamma_{mc} = 1.25$, $\gamma_{msu} = 1.4$, $\gamma_{mgam} = 1$.

Unità di misura e convenzioni.

Ove non altrimenti specificato si utilizzano le seguenti unità di misura: daN; cm; cm²; daN/cm; daN cm; daN/cm².

Per quanto riguarda lo Step di inserimento di un elemento, si intende che quest'ultimo è presente nel modello dall'inizio dello Step. La stessa regola vale per lo Step di rimozione, cioè si intende che un elemento viene rimosso all'inizio dello Step specificato. Il sistema di riferimento utilizzato vede l'asse delle z verticale, orientato verso l'alto, l'asse delle x parallelo al piano di lavoro ed orientato verso destra, e l'asse delle y parallelo allo sviluppo longitudinale della paratia. In quest'ultima direzione viene convenzionalmente considerata una sezione di paratia larga 100 cm.

MATERIALI DA COSTRUZIONE IMPIEGATI

Cemento Armato: Conglomerato Cementizio Rck 300, Barre d'armatura B450C (cls: fcd = 141.1; barre: fyd = 3913.04).

Profilati in acciaio: Acciaio S355 (Fe 510) (fd = 3380.95).

ELEMENTI STRUTTURALI

La struttura analizzata è formata dai seguenti elementi.

STRATI

Segue la descrizione della stratigrafia del terreno utilizzata nel modello.

Descrizione	STR_1
Quota iniziale [cm]	Ghiaia
Grado di preconsolidazione (OCR)	0
	1

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30_MTL2T1A2DURBMCAR010-0-1.DOCX

Angolo d'attrito (j') [°]	29
Coesione efficace (c') [daN/cm2]	0
Resistenza non drenata (su) [daN/cm2]	0.8
Permeabilità (m) [cm/s]	0.5005
Peso di unità di volume fuori falda (gamd) [daN/cm3]	0.00186
Peso di unità di volume sotto falda (gamt) [daN/cm3]	0.00215

SPINTA A RIPOSO

STR_1

La spinta a riposo viene valutata in termini di tensioni efficaci, con l'espressione seguente:

$$\sigma'_{h0} = k_0,oc \sigma'_{v0}, \text{ dove } k_0,oc = k_0,nc \cdot \alpha$$

Metodo utente per il calcolo del coefficiente di spinta normalconsolidato. Il valore di k_0,nc è indicato direttamente dall'utente: $k_0,nc = 0.44$.

Metodo Alpan per il calcolo del coefficiente di spinta sovraconsolidato. Il valore di α è assunto pari a 0.5.

I valori dei coefficienti di spinta a riposo utilizzati nel calcolo sono i seguenti:

$$k_0,nc = 0.44$$

$$k_0,oc = 0.44$$

PRESSIONE LIMITE ATTIVA E PASSIVA

STR_1

Metodo Coulomb per il calcolo del limite di spinta attiva.

Il limite di spinta attiva viene valutato in termini di tensioni efficaci, con l'espressione seguente:

$$\sigma'_{ha} = k_a,hsig'_{v} - 2c'(k_a,h)^{1/2}$$

Il valore di k_a,h è calcolato con la formula di Coulomb estesa da Muller-Breslau. Vengono applicati gli opportuni coefficienti di sicurezza parziali all'angolo di resistenza al taglio ed alla coesione drenata ($\gamma_{mj} = 1.25$, $\gamma_{mc} = 1.25$). Si considera un'inclinazione del terrapieno di 0 gradi ed un angolo di attrito muro-terreno nullo.

$$k_a,h = 0.4231$$

Metodo Coulomb per il calcolo del limite di spinta passiva.

Il limite di spinta passiva viene valutato in termini di tensioni efficaci, con l'espressione seguente:

$$\sigma'_{hp} = k_p,hsig'_{v} + 2c'(k_p,h)^{1/2}$$

Il valore di k_p,h è calcolato con la formula di Coulomb estesa da Muller-Breslau. Vengono applicati gli opportuni coefficienti di sicurezza parziali all'angolo di resistenza al taglio ed alla coesione drenata ($\gamma_{mj} = 1.25$, $\gamma_{mc} = 1.25$). Si considera un'inclinazione del terrapieno di 0 gradi ed un angolo di attrito muro-terreno nullo.

$$k_p,h = 2.3635$$

DEFORMABILITÀ

STR_1

Metodo Bowles per il calcolo del modulo di reazione del terreno.

Il modulo di reazione viene valutato secondo l'espressione seguente:

$$k_s = A_s + B_s z$$

I valori di A_s e di B_s sono calcolati secondo la correlazione proposta da Bowles (1991).

$$A_s = 0.4777, B_s = 0.0122$$

PARATIA

Il modello comprende una sola paratia (PAR_1), alta 800 cm.

La paratia PAR_1 utilizza la sezione trasversale SEZ_3. Per la verifica delle tensioni si utilizza la sezione 2.



SEZIONI

Segue la descrizione delle sezioni trasversali utilizzate dagli elementi del modello.

	SEZ_2	SEZ_3
Tipo	TUBO CIRCOLARE	RETTANGOLARE
Descrizione	Sezione 2	Sezione 3
Materiale	Acciaio	C.A.
Modulo di Young [daN/cm ²]	2100000.	314472.
Numero di sezioni per metro	1.58	1.58
Area [cm ²]	71.15	1883.
Momento d'inerzia Z [cm ⁴]	2929.	55638.
Momento d'inerzia Y [cm ⁴]	2929.	1569167.
Ferri superiori	-	nessun ferro
Ferri inferiori	-	nessun ferro
Staffe - numero bracci	-	0
Staffe - diametro [mm]	-	0
Staffe - passo [cm]	-	0

CARICHI NASTRIFORMI DISTRIBUITI SUL TERRENO

Segue la descrizione dei carichi nastroiformi distribuiti sul terreno nella zona a monte. I carichi sono dati in daN/cm, per ogni metro di estensione longitudinale della paratia. Il valore dichiarato rappresenta quindi il carico distribuito su una striscia di 1x100 cm.

	CUD_1_1
Quota di applicazione [cm]	0
Distanza dalla paratia [cm]	0
Larghezza [cm]	232
Carico distribuito [daN/cm]	-25
Carico distribuito [daN/cm ²]	-0.25
Tipologia	variabile
Step di attivazione	1
Step di rimozione	-

PESO PROPRIO

Alla paratia PAR_1, viene automaticamente applicato il peso proprio come carico distribuito in direzione verticale, con intensita' definita dalla propria sezione trasversale.

CARICHI ESTERNI APPLICATI AGLI ELEMENTI STRUTTURALI

Segue la descrizione dei carichi esterni applicati al modello. I carichi concentrati sono dati in daN, quelli distribuiti in daN/cm, per ogni metro di estensione trasversale della paratia.

	QES_1
Forza concentrata	Paratia
Applicato a	0
Coordinata	0
Intensità - x [daN]	-19048
Intensità - z [daN]	-
Tipologia	-
Step di attivazione	2
Step di rimozione	-

STEP DI PROGETTO

Segue la descrizione dei passi considerati nella definizione del modello per simulare le fasi realizzative dell'opera.

Step 1

In questo step vengono effettuate le seguenti modifiche al modello:

Inserimento carico nastroiforme su terreno: CUD_1_1

Step 2

In questo step vengono effettuate le seguenti modifiche al modello:

Inserimento carico esterno: QES_1

Scavo portato a quota: -150

TABELLA RIASSUNTIVA

La seguente tabella riassume le caratteristiche del modello strutturale nell'insieme degli step considerati.

Step	Quota scavo	Strati	Carichi terreno	Carichi struttura
1	0	STR_1	CUD_1_1	
2	-150	STR_1	CUD_1_1	QES_1



MODELLO FEM

Segue la descrizione dello schema ad elementi finiti utilizzato per la
risoluzione del modello strutturale e la valutazione di spostamenti e
sollecitazioni, aggiornato all'ultimo step di calcolo effettuato.

NODI

Indice	Coord. X	Coord. Z
1.	0.	0.
2.	0.	-18.75
3.	0.	-37.5
4.	0.	-56.25
5.	0.	-75.
6.	0.	-93.75
7.	0.	-112.5
8.	0.	-131.25
9.	0.	-150.
10.	0.	-168.57
11.	0.	-187.14
12.	0.	-205.71
13.	0.	-224.29
14.	0.	-242.86
15.	0.	-261.43
16.	0.	-280.
17.	0.	-298.57
18.	0.	-317.14
19.	0.	-335.71
20.	0.	-354.29
21.	0.	-372.86
22.	0.	-391.43
23.	0.	-410.
24.	0.	-428.57
25.	0.	-447.14
26.	0.	-465.71
27.	0.	-484.29
28.	0.	-502.86
29.	0.	-521.43
30.	0.	-540.
31.	0.	-558.57
32.	0.	-577.14
33.	0.	-595.71
34.	0.	-614.29
35.	0.	-632.86
36.	0.	-651.43
37.	0.	-670.



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30_MTL2T1A2DURBMCAR010-0-1.DOCX

38.	0.	-688.57
39.	0.	-707.14
40.	0.	-725.71
41.	0.	-744.29
42.	0.	-762.86
43.	0.	-781.43
44.	0.	-800.

ASTE

Indice	Nodo iniz.	Nodo fin.	Lunghezza	Incognite
1.	2.	1.	18.75	4 5 6 1 2 3
2.	3.	2.	18.75	7 8 9 4 5 6
3.	4.	3.	18.75	10 11 12 7 8 9
4.	5.	4.	18.75	13 14 15 10 11 12
5.	6.	5.	18.75	16 17 18 13 14 15
6.	7.	6.	18.75	19 20 21 16 17 18
7.	8.	7.	18.75	22 23 24 19 20 21
8.	9.	8.	18.75	25 26 27 22 23 24
9.	10.	9.	18.57	28 29 30 25 26 27
10.	11.	10.	18.57	31 32 33 28 29 30
11.	12.	11.	18.57	34 35 36 31 32 33
12.	13.	12.	18.57	37 38 39 34 35 36
13.	14.	13.	18.57	40 41 42 37 38 39
14.	15.	14.	18.57	43 44 45 40 41 42
15.	16.	15.	18.57	46 47 48 43 44 45
16.	17.	16.	18.57	49 50 51 46 47 48
17.	18.	17.	18.57	52 53 54 49 50 51
18.	19.	18.	18.57	55 56 57 52 53 54
19.	20.	19.	18.57	58 59 60 55 56 57
20.	21.	20.	18.57	61 62 63 58 59 60
21.	22.	21.	18.57	64 65 66 61 62 63
22.	23.	22.	18.57	67 68 69 64 65 66
23.	24.	23.	18.57	70 71 72 67 68 69
24.	25.	24.	18.57	73 74 75 70 71 72
25.	26.	25.	18.57	76 77 78 73 74 75
26.	27.	26.	18.57	79 80 81 76 77 78
27.	28.	27.	18.57	82 83 84 79 80 81
28.	29.	28.	18.57	85 86 87 82 83 84
29.	30.	29.	18.57	88 89 90 85 86 87
30.	31.	30.	18.57	91 92 93 88 89 90
31.	32.	31.	18.57	94 95 96 91 92 93
32.	33.	32.	18.57	97 98 99 94 95 96
33.	34.	33.	18.57	100 101 102 97 98 99
34.	35.	34.	18.57	103 104 105 100 101 102



35.	36.	35.	18.57	106	107	108	103	104	105
36.	37.	36.	18.57	109	110	111	106	107	108
37.	38.	37.	18.57	112	113	114	109	110	111
38.	39.	38.	18.57	115	116	117	112	113	114
39.	40.	39.	18.57	118	119	120	115	116	117
40.	41.	40.	18.57	121	122	123	118	119	120
41.	42.	41.	18.57	124	125	126	121	122	123
42.	43.	42.	18.57	127	128	129	124	125	126
43.	44.	43.	18.57	130	0	131	127	128	129

RISULTATI

Il calcolo è stato eseguito correttamente per 2 Step.

SINGOLI STEP

Segue la descrizione dei risultati ottenuti nei diversi Step considerati.

STEP 1

In questo Step si hanno le seguenti sollecitazioni, deformazioni, reazioni vincolari, pressioni nel terreno e risultanti delle spinte.

Sollecitazioni - Paratia PAR_1						
Progressiva	Spost. x [cm]	Spost. z [cm]	M [daN cm]	T [daN]	N [daN]	
-18.8	0	-0.003	0	0	-139.3	
-37.5	0	-0.003	0	0	-278.6	
-56.2	0	-0.003	0	0	-417.8	
-75	0	-0.003	0	0	-557.1	
-93.8	0	-0.003	0	0	-696.4	
-112.5	0	-0.002	0	0	-835.7	
-131.2	0	-0.002	0	0	-975	
-150	0	-0.002	0	0	-1114.3	
-168.6	0	-0.002	0	0	-1252.2	
-187.1	0	-0.002	0	0	-1390.2	
-205.7	0	-0.002	0	0	-1528.1	
-224.3	0	-0.002	0	0	-1666.1	
-242.9	0	-0.002	0	0	-1804	
-261.4	0	-0.002	0	0	-1942	
-280	0	-0.002	0	0	-2080	
-298.6	0	-0.002	0	0	-2217.9	
-317.1	0	-0.002	0	0	-2355.9	
-335.7	0	-0.002	0	0	-2493.8	
-354.3	0	-0.002	0	0	-2631.8	
-372.9	0	-0.002	0	0	-2769.7	
-391.4	0	-0.002	0	0	-2907.7	
-410	0	-0.002	0	0	-3045.7	
-428.6	0	-0.002	0	0	-3183.6	
-447.1	0	-0.002	0	0	-3321.6	
-465.7	0	-0.002	0	0	-3459.5	
-484.3	0	-0.002	0	0	-3597.5	
-502.9	0	-0.002	0	0	-3735.4	
-521.4	0	-0.001	0	0	-3873.4	
-540	0	-0.001	0	0	-4011.4	
-558.6	0	-0.001	0	0	-4149.3	
-577.1	0	-0.001	0	0	-4287.3	
-595.7	0	-0.001	0	0	-4425.2	
-614.3	0	-0.001	0	0	-4563.2	
-632.9	0	-0.001	0	0	-4701.1	
-651.4	0	-0.001	0	0	-4839.1	
-670	0	-0.001	0	0	-4977.1	
-688.6	0	-0.001	0	0	-5115	
-707.1	0	-0.001	0	0	-5253	
-725.7	0	0	0	0	-5390.9	
-744.3	0	0	0	0	-5528.9	
-762.9	0	0	0	0	-5666.8	
-781.4	0	0	0	0	-5804.8	
-800	0	0	0	0	-5942.7	

Reazioni vincolari				
Descrizione	Nome	Orizzontale [daN]	verticale [daN]	Momento [daN cm]
Base Paratia	PAR_1	-	5942.7	-

Pressioni nel terreno, Paratia PAR_1				
Quota [cm]	Pres. Monte [daN/cm2]	Pres. valle [daN/cm2]		
z	sigv	sigh	ulsig'v	ulsig'h



0	0.171	0.075	0	0.171	0.075	0	0.171	0.075	0	0.171	0.075	0
-18.75	0.197	0.087	0	0.197	0.087	0	0.197	0.087	0	0.197	0.087	0
-37.5	0.232	0.102	0	0.232	0.102	0	0.232	0.102	0	0.232	0.102	0
-56.25	0.266	0.117	0	0.266	0.117	0	0.266	0.117	0	0.266	0.117	0
-75	0.3	0.132	0	0.3	0.132	0	0.3	0.132	0	0.3	0.132	0
-93.75	0.333	0.147	0	0.333	0.147	0	0.333	0.147	0	0.333	0.147	0
-112.5	0.366	0.161	0	0.366	0.161	0	0.366	0.161	0	0.366	0.161	0
-131.25	0.398	0.175	0	0.398	0.175	0	0.398	0.175	0	0.398	0.175	0
-150	0.429	0.189	0	0.429	0.189	0	0.429	0.189	0	0.429	0.189	0
-168.57	0.46	0.203	0	0.46	0.203	0	0.46	0.203	0	0.46	0.203	0
-187.14	0.491	0.216	0	0.491	0.216	0	0.491	0.216	0	0.491	0.216	0
-205.71	0.521	0.229	0	0.521	0.229	0	0.521	0.229	0	0.521	0.229	0
-224.29	0.552	0.243	0	0.552	0.243	0	0.552	0.243	0	0.552	0.243	0
-242.86	0.582	0.256	0	0.582	0.256	0	0.582	0.256	0	0.582	0.256	0
-261.43	0.613	0.27	0	0.613	0.27	0	0.613	0.27	0	0.613	0.27	0
-280	0.643	0.283	0	0.643	0.283	0	0.643	0.283	0	0.643	0.283	0
-298.57	0.674	0.296	0	0.674	0.296	0	0.674	0.296	0	0.674	0.296	0
-317.14	0.705	0.31	0	0.705	0.31	0	0.705	0.31	0	0.705	0.31	0
-335.71	0.735	0.324	0	0.735	0.324	0	0.735	0.324	0	0.735	0.324	0
-354.29	0.766	0.337	0	0.766	0.337	0	0.766	0.337	0	0.766	0.337	0
-372.86	0.797	0.351	0	0.797	0.351	0	0.797	0.351	0	0.797	0.351	0
-391.43	0.829	0.365	0	0.829	0.365	0	0.829	0.365	0	0.829	0.365	0
-410	0.86	0.378	0	0.86	0.378	0	0.86	0.378	0	0.86	0.378	0
-428.57	0.892	0.392	0	0.892	0.392	0	0.892	0.392	0	0.892	0.392	0
-447.14	0.923	0.406	0	0.923	0.406	0	0.923	0.406	0	0.923	0.406	0
-465.71	0.955	0.42	0	0.955	0.42	0	0.955	0.42	0	0.955	0.42	0
-484.29	0.987	0.434	0	0.987	0.434	0	0.987	0.434	0	0.987	0.434	0
-502.86	1.019	0.449	0	1.019	0.449	0	1.019	0.449	0	1.019	0.449	0
-521.43	1.052	0.463	0	1.052	0.463	0	1.052	0.463	0	1.052	0.463	0
-540	1.084	0.477	0	1.084	0.477	0	1.084	0.477	0	1.084	0.477	0
-558.57	1.116	0.491	0	1.116	0.491	0	1.116	0.491	0	1.116	0.491	0
-577.14	1.149	0.505	0	1.149	0.505	0	1.149	0.505	0	1.149	0.505	0
-595.71	1.181	0.52	0	1.181	0.52	0	1.181	0.52	0	1.181	0.52	0
-614.29	1.214	0.534	0	1.214	0.534	0	1.214	0.534	0	1.214	0.534	0
-632.86	1.247	0.549	0	1.247	0.549	0	1.247	0.549	0	1.247	0.549	0
-651.43	1.28	0.563	0	1.28	0.563	0	1.28	0.563	0	1.28	0.563	0
-670	1.313	0.578	0	1.313	0.578	0	1.313	0.578	0	1.313	0.578	0
-688.57	1.346	0.592	0	1.346	0.592	0	1.346	0.592	0	1.346	0.592	0
-707.14	1.379	0.607	0	1.379	0.607	0	1.379	0.607	0	1.379	0.607	0
-725.71	1.412	0.621	0	1.412	0.621	0	1.412	0.621	0	1.412	0.621	0
-744.29	1.445	0.636	0	1.445	0.636	0	1.445	0.636	0	1.445	0.636	0
-762.86	1.478	0.65	0	1.478	0.65	0	1.478	0.65	0	1.478	0.65	0
-781.43	1.512	0.665	0	1.512	0.665	0	1.512	0.665	0	1.512	0.665	0
-800	1.537	0.676	0	1.537	0.676	0	1.537	0.676	0	1.537	0.676	0

sigv = tensione verticale totale
 sigh = tensione orizzontale totale
 u = pressione neutra
 sig'v = tensione verticale efficace
 sig'h = tensione orizzontale efficace

Risultanti delle pressioni [daN] e bracci [c] Monte Valle
 Rh |-29916.4|bh |507.2 |rh |29916.4|bh |507.2
 R'h|-29916.4|b'h|507.2 |R'h|29916.4|b'h|507.2
 Ru |0 |bu |0 |Ru |0 |bu |0
 R = risultanti delle spinte, b = bracci risp
 pedice h = risultante delle pressioni totali
 pedice 'h = risultante delle pressioni effice
 pedice u = risultante delle pressioni neutre

STEP 2

In questo Step si hanno le seguenti sollecitazioni, deformazioni, reazioni vincolari, pressioni nel terreno e risultanti delle spinte.

Sollecitazioni - Paratia PAR_1					
Progressiva	Spost. x [cm]	Spost. z [cm]	M [daN cm]	T [daN]	N [daN]
-18.8	-1.2469	-0.018	-1273.396	67.9	-19187.3
-37.5	-1.1704	-0.018	-5482.075	224.5	-19326.6
-56.2	-1.094	-0.018	-13141.083	408.5	-19465.8
-75	-1.0177	-0.017	-24759.647	619.7	-19605.1
-93.8	-0.9418	-0.017	-40839.312	857.6	-19744.4
-112.5	-0.8664	-0.017	-61873.042	1121.8	-19883.7
-131.2	-0.7918	-0.016	-88345.207	1411.8	-20023
-150	-0.7184	-0.016	-120732.287	1727.3	-20162.3
-168.6	-0.6471	-0.015	-159103.583	2066.1	-20300.2
-187.1	-0.5779	-0.015	-201374.075	2276.1	-20438.2
-205.7	-0.5112	-0.014	-245175.596	2358.5	-20576.1
-224.3	-0.4475	-0.014	-288137.565	2313.3	-20714.1
-242.9	-0.3875	-0.014	-327888.135	2140.4	-20852
-261.4	-0.3315	-0.013	-362055.146	1839.8	-20990
-280	-0.28	-0.013	-388266.89	1411.4	-21128
-298.6	-0.2334	-0.012	-404152.702	855.4	-21265.9
-317.1	-0.1918	-0.012	-407343.389	171.8	-21403.9
-335.7	-0.1552	-0.012	-399411.429	-427.1	-21541.8



Table with 6 columns of numerical data representing structural calculations or displacements.

Reazioni vincolari

Table with 4 columns: Descrizione, Nome, Orizzontale [daN], Verticale [daN], Momento [daN cm].

Pressioni nel terreno, Paratia PAR_1

Large table with 12 columns: Quota [cm], Pres. Monte [daN/cm2], Pres. Valle [daN/cm2], and various stress components (sigv, sigh, u, sig'v, sig'h, t).

sigv = tensione verticale totale
sigh = tensione orizzontale totale
u = pressione neutra
sig'v = tensione verticale efficace
sig'h = tensione orizzontale efficace

Risultanti delle pressioni [daN] e bracci [c]
Monte | valle



Rh | -28767.7 | bh | 507.2 | Rh | 28766.7 | bh | 507.2 |
R'h | -28767.7 | b'h | 507.2 | R'h | 28766.7 | b'h | 507.2 |
Ru | 0 | bu | 0 | Ru | 0 | bu | 0 |
R = risultanti delle spinte, b = bracci risp
pedice h = risultante delle pressioni totali
pedice 'h = risultante delle pressioni effice
pedice u = risultante delle pressioni neutre

INVILUPPO DELLE SOLLECITAZIONI

Segue l'inviluppo dei risultati ottenuti negli Step considerati.

Table with columns: Inviluppo - Paratia PAR_1, Progressiva, M [daN cm], T [daN], N [daN]. Rows list various load cases and their corresponding moment, shear, and normal force values.

VERIFICHE

Il calcolo è stato eseguito correttamente per 2 Step.

VERIFICHE DELLE SEZIONI

Le verifiche tensionali vengono eseguite col metodo degli stati limite. Le sezioni degli elementi strutturali sono verificate a pressoflessione retta, sollecitate dai valori di momento flettente e sforzo normale derivanti dal calcolo.

Segue la descrizione dei risultati ottenuti nei diversi Step considerati.

STEP 1

In questo Step si hanno i seguenti valori di tensione:

Table with columns: Tensioni - Paratia PAR_1 - Porzione 1 (acciaio:3380.95), Progressiva, M [daN cm], N [daN], sig max [daN/cm2], sig max2 [daN/cm2], eps max [%], eps max2 [%], Verifica. Rows list stress and strain values for various load cases.



Table with 8 columns of numerical values and a final column with the text 'Soddisfatta'.

STEP 2


In questo Step si hanno i seguenti valori di tensione:

Table with 8 columns: Tensioni, Paratia, PAR_1, Porzione, 1, (acciaio:3380.95), sig max, and Verifica. It contains detailed stress analysis data for various load cases.

Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

-335.7	-253112.4	-13651.4	-1028.9	645.1	-0.05	0.03
Soddisfatta						
-354.3	-242234.9	-13738.8	-994.1	607.9	-0.05	0.03
Soddisfatta						
-372.9	-226744.9	-13826.2	-944.1	555.5	-0.04	0.03
Soddisfatta						
-391.4	-207862.6	-13913.6	-882.9	491.8	-0.04	0.02
Soddisfatta						
-410	-186741.8	-14001.1	-814.3	420.7	-0.04	0.02
Soddisfatta						
-428.6	-164432.3	-14088.5	-741.8	345.7	-0.04	0.02
Soddisfatta						
-447.1	-141854.8	-14175.9	-668.3	269.9	-0.03	0.01
Soddisfatta						
-465.7	-119784.5	-14263.3	-596.6	195.6	-0.03	0.01
Soddisfatta						
-484.3	-98845.5	-14350.8	-528.6	125.2	-0.03	0.01
Soddisfatta						
-502.9	-79512	-14438.2	-465.9	60	-0.02	0
Soddisfatta						
-521.4	-62115.9	-14525.6	-409.6	1.3	-0.02	0
Soddisfatta						
-540	-46859.5	-14613	-360.3	-50.4	-0.02	0
Soddisfatta						
-558.6	-33831.7	-14700.5	-318.5	-94.7	-0.02	0
Soddisfatta						
-577.1	-23024.6	-14787.9	-284	-131.7	-0.01	-0.01
Soddisfatta						
-595.7	-14352.6	-14875.3	-256.5	-161.6	-0.01	-0.01
Soddisfatta						
-614.3	-7669.2	-14962.7	-235.7	-184.9	-0.01	-0.01
Soddisfatta						
-632.9	-2783.8	-15050.2	-220.7	-202.3	-0.01	-0.01
Soddisfatta						
-651.4	524.9	-15137.6	-214.5	-211	-0.01	-0.01
Soddisfatta						
-670	2496.5	-15225	-222.2	-205.7	-0.01	-0.01
Soddisfatta						
-688.6	3380.6	-15312.4	-226.4	-204	-0.01	-0.01
Soddisfatta						
-707.1	3430.2	-15399.9	-227.8	-205.1	-0.01	-0.01
Soddisfatta						
-725.7	2898.5	-15487.3	-227.2	-208.1	-0.01	-0.01
Soddisfatta						
-744.3	2037.3	-15574.7	-225.6	-212.2	-0.01	-0.01
Soddisfatta						
-762.9	1097.9	-15662.1	-223.8	-216.5	-0.01	-0.01
Soddisfatta						
-781.4	333.2	-15749.6	-222.5	-220.2	-0.01	-0.01
Soddisfatta						
-800	0	-15837	-222.6	-222.6	-0.01	-0.01
Soddisfatta						

 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.7 Verifiche trave testa pali

La trave di collegamento dei micropali è una trave in cemento armato gettato in opera di dimensioni 2,32 x 1,00 m.

I micropali della fila lato scavo hanno le seguenti caratteristiche:

Perforazione; $\varnothing = 200/300$ mm

Armatura tubolare:

$\varnothing_{est} = 193,7$ mm

$\varnothing_{int} = 168,7$ mm

$s = 12,5$ mm

I micropali della fila opposta lato scavo hanno le seguenti caratteristiche:

Perforazione; $\varnothing = 150/190$ mm

Armatura tubolare:

$\varnothing_{est} = 139,7$ mm

$\varnothing_{int} = 119,7$ mm

$s = 10,0$ mm

La lunghezza dei micropali è assunta pari a 8,00 m.

Nella fase di sollevamento e traslazione del monumento il carico viene trasmesso dalle torri di sollevamento che hanno un'impronta in pianta pari a circa 3,00 x 1,20 m.

La traslazione avviene in asse alle travi testa palo.

L'interasse longitudinale delle torri di sollevamento è pari a 7,50 m.

Per il complesso monumento + impalcato si assume un peso complessivo pari a:

$Q = 4.000$ kN

Il peso di una singola torre di sollevamento è assunto pari a:

$Q_1 = 200$ kN

Sull'area di carico 3,00 x 1,20 si ha:

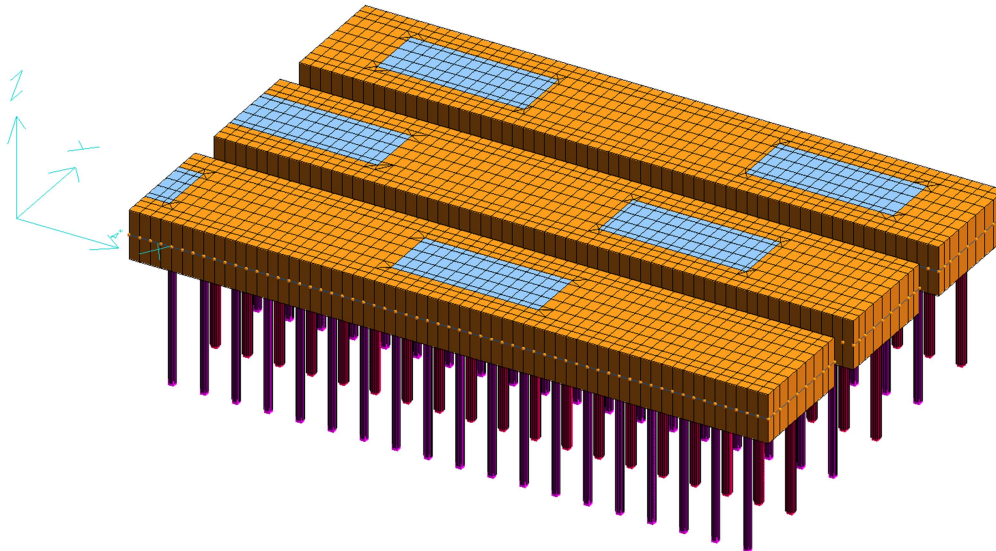
$q_{TORRE} = (4.000,00 / 4 + 200) / (3,00 \cdot 1,20) = 333,33$ kN/m²

Per la verifica delle armature della trave testa palo si sono considerate diverse posizioni delle torri di sollevamento analizzando n. 3 modelli separatamente.



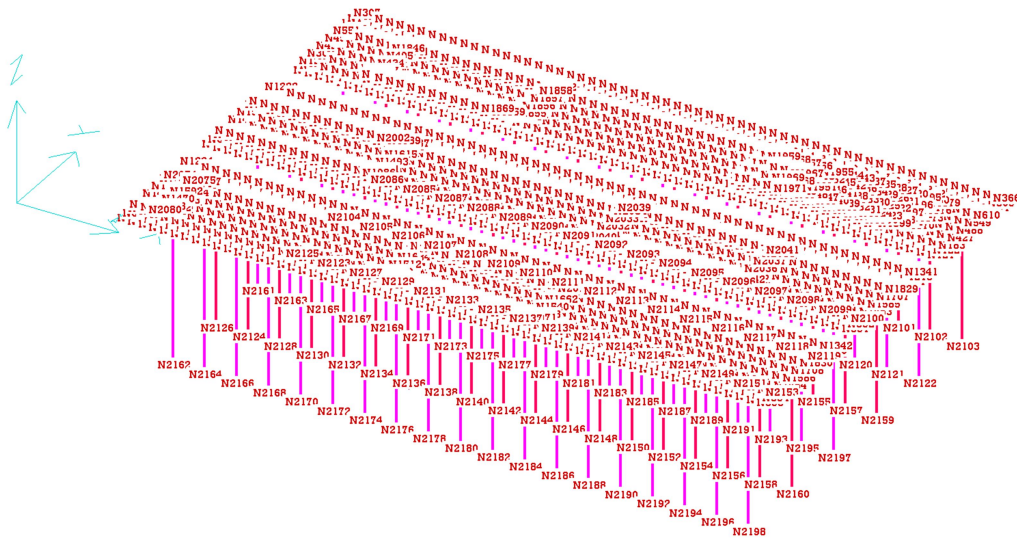
Modelli

Assonometria : 30, 30



Numerazione nodi

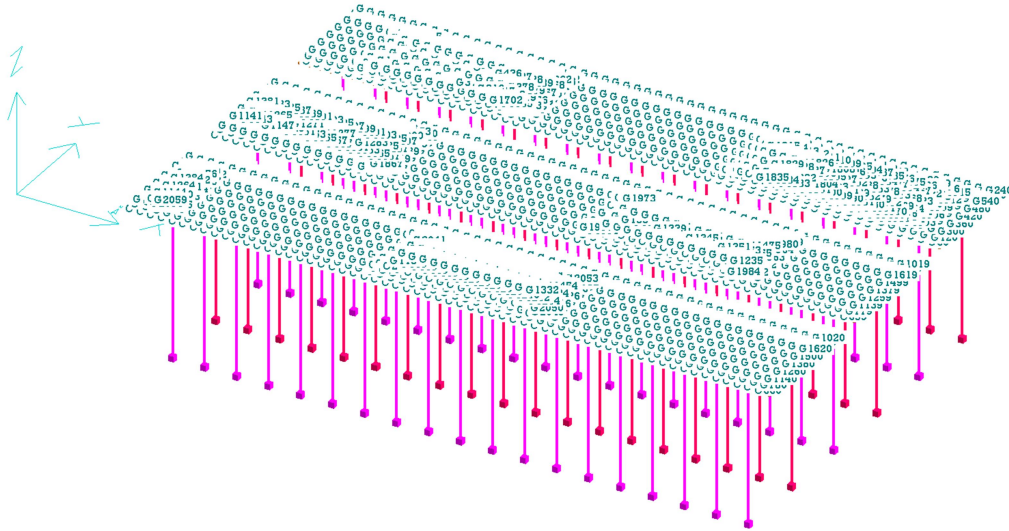
Assonometria : 30, 30



Numerazione gusci

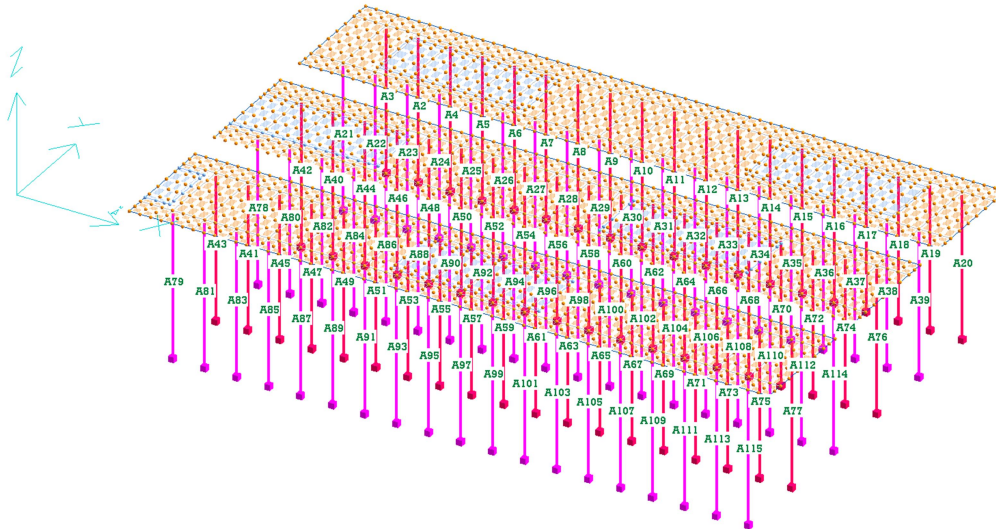


Assonometria : 30, 30



Numerazione aste

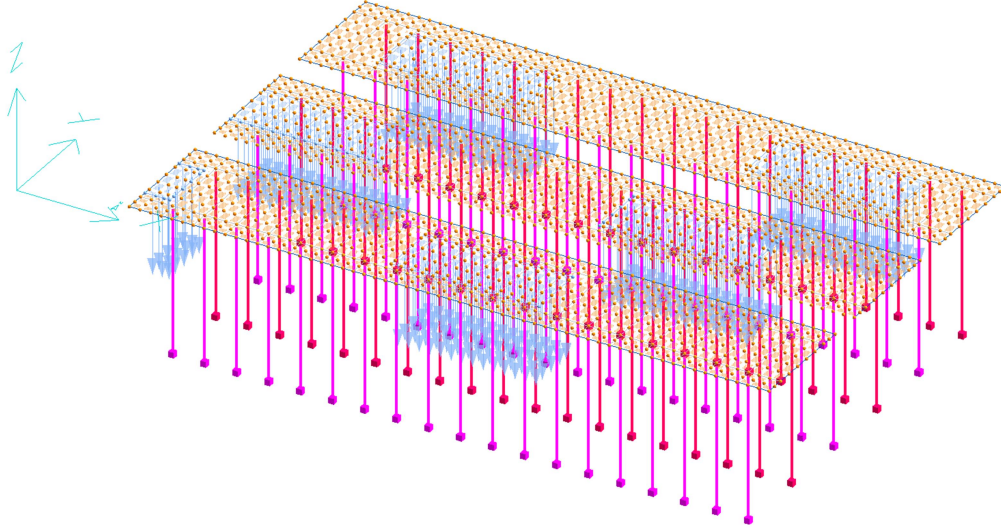
Assonometria : 30, 30




Aree di carico



Assonometria : 30, 30



 CITTA' DI TORINO	Metropolitana di Torino – Linea 2- Tratta: Politecnico – Rebaudengo – Lotto Costruttivo2 Bologna-Politecnico
Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo	30_MTL2T1A2DURBMCAR010-0-1.DOCX

2.7.1 Verifiche armature

DESCRIZIONE CASI DI CARICO:

NOME	DESCRIZIONE	VERIFICA	TIPO	CONDIZ. INSERITE			CASI INSERITI	
				Num.	Coeff.	Segno	Num.	Coeff.
1	SLU SENZA SISMA	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
2	Rara	Rara	somma	1	1.000	+		
				2	1.000	+		
3	Frequente	Freq.	somma	1	1.000	+		
				2	0.900	+		
4	Quasi Perm	QuasiPerm.	somma	1	1.000	+		
				2	0.800	+		

**VERIFICA GUSCI IN C.A.:****MACROGUSCIO Trave1**

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA

DATI:

tensione di snervamento acciaio (fyk):	450	N/mm2
coefficiente sicurezza acciaio	: 1.15	
deformazione ultima acciaio	: 1.8633	per mille
deformazione ultima cls	: 3.5	per mille
rapporto rottura/snervamento	(k): 1	
resistenza cilindrica cls	(fck): 24.9	N/mm2
coefficiente sicurezza cls	: 1.5	
coefficiente riduttivo	(alfa): 0.85	
copriferro inferiore (asse armatura):	5	cm
copriferro superiore (asse armatura):	5	cm
moltiplicatore sollecitazioni	: 1	

LEGENDA:

spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
 Af = area disposta al lembo teso, in cm2 al metro
 Afc = area disposta al lembo compresso, in cm2 al metro
 Mom = momento flettente [kNm/m]
 Nor = sforzo normale [kN]
 epsC = deformazione cls [per mille]
 epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

Per gli elementi non dissipativi la permanenza in campo elastico è ottenuta limitando la deformazione dell'acciaio alla deformazione di snervamento (1.8633 per mille) e quella del calcestruzzo al 2 per mille.

GUSCI	spess	INFERIORE ORIZZONTALE						INFERIORE VERTICALE						COEF. MAX %
		Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF	
1	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
2	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
3	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
4	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	11.	0.	0.01	0.04	4
5	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	11.	0.	0.01	0.04	8
6	100	10.89	10.89	54.	0.	0.05	0.26	15.25	15.25	11.	0.	0.01	0.04	13
7	100	10.89	10.89	77.	0.	0.07	0.38	15.25	15.25	11.	0.	0.01	0.04	19
8	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	10.	0.	0.01	0.04	26
9	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	10.	0.	0.01	0.04	30
10	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	10.	0.	0.01	0.03	33
11	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	10.	0.	0.01	0.03	37
12	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	9.	0.	0.01	0.03	38
13	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	9.	0.	0.01	0.03	38
14	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	9.	0.	0.01	0.03	39
15	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	9.	0.	0.01	0.03	37
16	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	9.	0.	0.01	0.03	34
17	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	8.	0.	0.01	0.03	31
18	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	7.	0.	0.01	0.03	25
19	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	7.	0.	0.01	0.02	18
20	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	6.	0.	0.00	0.02	12
21	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	5.	0.	0.00	0.02	3
22	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
23	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
24	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
25	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
26	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
27	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
28	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
29	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
30	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
31	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
32	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
33	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
34	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
35	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
36	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
37	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
38	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
39	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
40	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	5.	0.	0.00	0.02	2
41	100	10.89	10.89	43.	0.	0.04	0.21	15.25	15.25	6.	0.	0.00	0.02	11
42	100	10.89	10.89	67.	0.	0.06	0.32	15.25	15.25	7.	0.	0.01	0.02	17
43	100	10.89	10.89	94.	0.	0.09	0.46	15.25	15.25	7.	0.	0.01	0.03	23



44	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	8.	0.	0.01	0.03	29
45	100	10.89	10.89	130.	0.	0.12	0.63	15.25	15.25	9.	0.	0.01	0.03	32
46	100	10.89	10.89	141.	0.	0.13	0.68	15.25	15.25	9.	0.	0.01	0.03	35
47	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	9.	0.	0.01	0.03	38
48	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	9.	0.	0.01	0.03	37
49	100	10.89	10.89	148.	0.	0.14	0.72	15.25	15.25	9.	0.	0.01	0.03	37
50	100	10.89	10.89	146.	0.	0.13	0.71	15.25	15.25	10.	0.	0.01	0.03	36
51	100	10.89	10.89	132.	0.	0.12	0.64	15.25	15.25	10.	0.	0.01	0.03	33
52	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	10.	0.	0.01	0.04	29
53	100	10.89	10.89	103.	0.	0.09	0.50	15.25	15.25	10.	0.	0.01	0.04	26
54	100	10.89	10.89	76.	0.	0.07	0.37	15.25	15.25	11.	0.	0.01	0.04	19
55	100	10.89	10.89	53.	0.	0.05	0.26	15.25	15.25	11.	0.	0.01	0.04	13
56	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	11.	0.	0.01	0.04	8
57	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	11.	0.	0.01	0.04	3
58	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
59	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
60	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
61	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.04	2
62	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
63	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
64	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	13.	0.	0.01	0.05	4
65	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	13.	0.	0.01	0.05	8
66	100	10.89	10.89	54.	0.	0.05	0.26	15.25	15.25	13.	0.	0.01	0.05	13
67	100	10.89	10.89	77.	0.	0.07	0.38	15.25	15.25	13.	0.	0.01	0.05	19
68	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	13.	0.	0.01	0.04	26
69	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	12.	0.	0.01	0.04	30
70	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	12.	0.	0.01	0.04	33
71	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	11.	0.	0.01	0.04	37
72	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	11.	0.	0.01	0.04	38
73	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	10.	0.	0.01	0.04	38
74	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	10.	0.	0.01	0.03	39
75	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	9.	0.	0.01	0.03	37
76	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	9.	0.	0.01	0.03	34
77	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	8.	0.	0.01	0.03	31
78	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	7.	0.	0.01	0.02	25
79	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	6.	0.	0.00	0.02	18
80	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	5.	0.	0.00	0.02	12
81	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	4.	0.	0.00	0.01	3
82	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
83	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
84	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
85	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
86	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
87	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
88	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
89	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
90	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
91	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
92	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
93	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
94	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
95	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
96	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
97	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
98	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
99	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
100	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	4.	0.	0.00	0.01	2
101	100	10.89	10.89	43.	0.	0.04	0.21	15.25	15.25	5.	0.	0.00	0.02	11
102	100	10.89	10.89	67.	0.	0.06	0.32	15.25	15.25	6.	0.	0.00	0.02	17
103	100	10.89	10.89	94.	0.	0.09	0.46	15.25	15.25	7.	0.	0.01	0.02	23
104	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	8.	0.	0.01	0.03	29
105	100	10.89	10.89	130.	0.	0.12	0.63	15.25	15.25	9.	0.	0.01	0.03	32
106	100	10.89	10.89	141.	0.	0.13	0.68	15.25	15.25	9.	0.	0.01	0.03	35
107	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	10.	0.	0.01	0.03	38
108	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	10.	0.	0.01	0.04	37
109	100	10.89	10.89	148.	0.	0.14	0.72	15.25	15.25	11.	0.	0.01	0.04	37
110	100	10.89	10.89	146.	0.	0.13	0.71	15.25	15.25	11.	0.	0.01	0.04	36
111	100	10.89	10.89	132.	0.	0.12	0.64	15.25	15.25	12.	0.	0.01	0.04	33
112	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	12.	0.	0.01	0.04	29
113	100	10.89	10.89	103.	0.	0.09	0.50	15.25	15.25	13.	0.	0.01	0.04	26
114	100	10.89	10.89	76.	0.	0.07	0.37	15.25	15.25	13.	0.	0.01	0.05	19
115	100	10.89	10.89	53.	0.	0.05	0.26	15.25	15.25	13.	0.	0.01	0.05	13
116	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	13.	0.	0.01	0.05	8
117	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	13.	0.	0.01	0.05	3
118	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
119	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
120	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.04	2
121	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
122	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
123	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
124	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	3.	0.	0.00	0.01	4
125	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	2.	0.	0.00	0.01	8
126	100	10.89	10.89	54.	0.	0.05	0.26	15.25	15.25	2.	0.	0.00	0.01	13
127	100	10.89	10.89	77.	0.	0.07	0.38	15.25	15.25	3.	0.	0.00	0.01	19
128	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	4.	0.	0.00	0.01	26



129	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	5.	0.	0.00	0.02	30
130	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	5.	0.	0.00	0.02	33
131	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	6.	0.	0.00	0.02	37
132	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	6.	0.	0.00	0.02	38
133	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	7.	0.	0.00	0.02	38
134	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	7.	0.	0.01	0.02	39
135	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	8.	0.	0.01	0.03	37
136	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	8.	0.	0.01	0.03	34
137	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	9.	0.	0.01	0.03	31
138	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	9.	0.	0.01	0.03	25
139	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	10.	0.	0.01	0.03	18
140	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	10.	0.	0.01	0.03	12
141	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	10.	0.	0.01	0.04	3
142	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
143	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
144	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
145	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
146	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
147	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
148	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
149	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
150	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
151	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
152	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
153	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
154	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
155	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
156	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
157	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
158	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
159	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
160	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	10.	0.	0.01	0.04	2
161	100	10.89	10.89	43.	0.	0.04	0.21	15.25	15.25	10.	0.	0.01	0.03	11
162	100	10.89	10.89	67.	0.	0.06	0.32	15.25	15.25	10.	0.	0.01	0.03	17
163	100	10.89	10.89	94.	0.	0.09	0.46	15.25	15.25	9.	0.	0.01	0.03	23
164	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	9.	0.	0.01	0.03	29
165	100	10.89	10.89	130.	0.	0.12	0.63	15.25	15.25	8.	0.	0.01	0.03	32
166	100	10.89	10.89	141.	0.	0.13	0.68	15.25	15.25	8.	0.	0.01	0.03	35
167	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	7.	0.	0.01	0.02	38
168	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	7.	0.	0.00	0.02	37
169	100	10.89	10.89	148.	0.	0.14	0.72	15.25	15.25	6.	0.	0.00	0.02	37
170	100	10.89	10.89	146.	0.	0.13	0.71	15.25	15.25	6.	0.	0.00	0.02	36
171	100	10.89	10.89	132.	0.	0.12	0.64	15.25	15.25	5.	0.	0.00	0.02	33
172	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	5.	0.	0.00	0.02	29
173	100	10.89	10.89	103.	0.	0.09	0.50	15.25	15.25	4.	0.	0.00	0.01	26
174	100	10.89	10.89	76.	0.	0.07	0.37	15.25	15.25	3.	0.	0.00	0.01	19
175	100	10.89	10.89	53.	0.	0.05	0.26	15.25	15.25	2.	0.	0.00	0.01	13
176	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	2.	0.	0.00	0.01	8
177	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	3.	0.	0.00	0.01	3
178	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
179	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
180	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
181	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
182	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
183	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
184	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	2.	0.	0.00	0.01	4
185	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	2.	0.	0.00	0.01	8
186	100	10.89	10.89	54.	0.	0.05	0.26	15.25	15.25	3.	0.	0.00	0.01	13
187	100	10.89	10.89	77.	0.	0.07	0.38	15.25	15.25	4.	0.	0.00	0.01	19
188	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	5.	0.	0.00	0.02	26
189	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	5.	0.	0.00	0.02	30
190	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	6.	0.	0.00	0.02	33
191	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	6.	0.	0.00	0.02	37
192	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	6.	0.	0.00	0.02	38
193	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	7.	0.	0.01	0.02	38
194	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	7.	0.	0.01	0.02	39
195	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	7.	0.	0.01	0.03	37
196	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	8.	0.	0.01	0.03	34
197	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	8.	0.	0.01	0.03	31
198	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	8.	0.	0.01	0.03	25
199	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	8.	0.	0.01	0.03	18
200	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	8.	0.	0.01	0.03	12
201	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	8.	0.	0.01	0.03	3
202	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
203	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
204	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
205	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
206	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
207	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
208	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
209	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
210	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
211	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
212	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
213	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0



214	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
215	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
216	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
217	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
218	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
219	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
220	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	8.	0.	0.01	0.03	2
221	100	10.89	10.89	43.	0.	0.04	0.21	15.25	15.25	8.	0.	0.01	0.03	11
222	100	10.89	10.89	67.	0.	0.06	0.32	15.25	15.25	8.	0.	0.01	0.03	17
223	100	10.89	10.89	94.	0.	0.09	0.46	15.25	15.25	8.	0.	0.01	0.03	23
224	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	8.	0.	0.01	0.03	29
225	100	10.89	10.89	130.	0.	0.12	0.63	15.25	15.25	8.	0.	0.01	0.03	32
226	100	10.89	10.89	141.	0.	0.13	0.68	15.25	15.25	7.	0.	0.01	0.03	35
227	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	7.	0.	0.01	0.02	38
228	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	7.	0.	0.01	0.02	37
229	100	10.89	10.89	148.	0.	0.14	0.72	15.25	15.25	6.	0.	0.00	0.02	37
230	100	10.89	10.89	146.	0.	0.13	0.71	15.25	15.25	6.	0.	0.00	0.02	36
231	100	10.89	10.89	132.	0.	0.12	0.64	15.25	15.25	6.	0.	0.00	0.02	33
232	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	5.	0.	0.00	0.02	29
233	100	10.89	10.89	103.	0.	0.09	0.50	15.25	15.25	5.	0.	0.00	0.02	26
234	100	10.89	10.89	76.	0.	0.07	0.37	15.25	15.25	4.	0.	0.00	0.01	19
235	100	10.89	10.89	53.	0.	0.05	0.26	15.25	15.25	3.	0.	0.00	0.01	13
236	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	2.	0.	0.00	0.01	8
237	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	2.	0.	0.00	0.01	3
238	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
239	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
240	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
241	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	49.	0.	0.04	0.17	9
242	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	51.	0.	0.04	0.18	9
243	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	52.	0.	0.04	0.18	9
244	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	53.	0.	0.04	0.18	9
245	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	54.	0.	0.04	0.19	10
261	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	35.	0.	0.03	0.12	6
262	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.10	5
263	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.09	5
264	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.08	4
265	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.07	4
266	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.01	0.07	3
267	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
268	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
269	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
270	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
271	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
272	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
273	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
274	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
275	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.01	0.07	3
276	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.07	4
277	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.08	4
278	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.09	5
279	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.10	5
298	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	49.	0.	0.04	0.17	9
299	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	47.	0.	0.04	0.16	8
300	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	45.	0.	0.04	0.16	8
301	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	69.	0.	0.05	0.24	12
302	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	72.	0.	0.06	0.25	13
303	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	74.	0.	0.06	0.26	13
304	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	76.	0.	0.06	0.26	14
305	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	77.	0.	0.06	0.27	14
308	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	78.	0.	0.06	0.27	26
309	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	77.	0.	0.06	0.27	30
310	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	76.	0.	0.06	0.27	33
311	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	75.	0.	0.06	0.26	37
312	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	73.	0.	0.06	0.26	38
313	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	73.	0.	0.06	0.25	38
314	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	73.	0.	0.06	0.25	39
315	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	72.	0.	0.06	0.25	37
316	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	70.	0.	0.05	0.25	34
317	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	69.	0.	0.05	0.24	31
318	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	66.	0.	0.05	0.23	25
319	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	64.	0.	0.05	0.22	18
321	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	57.	0.	0.04	0.20	10
322	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	53.	0.	0.04	0.19	9
323	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	46.	0.	0.04	0.16	8
324	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	8
325	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.13	7
326	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.12	6
327	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.11	6
328	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	5
329	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.10	5
330	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
331	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
332	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.10	5
333	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	5
334	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.11	6



335	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	35.	0.	0.03	0.12	6
336	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.13	7
337	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	7
338	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	45.	0.	0.03	0.16	8
339	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	49.	0.	0.04	0.17	9
358	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	72.	0.	0.06	0.25	13
359	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	70.	0.	0.05	0.25	13
360	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	68.	0.	0.05	0.24	12
361	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	75.	0.	0.06	0.26	13
362	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	78.	0.	0.06	0.27	14
363	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	81.	0.	0.06	0.28	14
364	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	83.	0.	0.06	0.29	15
365	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	85.	0.	0.07	0.30	15
366	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	86.	0.	0.07	0.30	15
367	100	10.89	10.89	77.	0.	0.07	0.37	15.25	15.25	87.	0.	0.07	0.30	19
368	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	87.	0.	0.07	0.30	26
369	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	86.	0.	0.07	0.30	30
370	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	86.	0.	0.07	0.30	33
371	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	84.	0.	0.07	0.29	37
372	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	83.	0.	0.06	0.29	38
373	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	82.	0.	0.06	0.29	38
374	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	82.	0.	0.06	0.29	39
375	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	81.	0.	0.06	0.28	37
376	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	80.	0.	0.06	0.28	34
377	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	79.	0.	0.06	0.28	31
378	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	77.	0.	0.06	0.27	25
379	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	74.	0.	0.06	0.26	18
381	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	67.	0.	0.05	0.23	12
382	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	62.	0.	0.05	0.22	11
383	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	55.	0.	0.04	0.19	10
384	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	49.	0.	0.04	0.17	9
385	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	45.	0.	0.03	0.16	8
386	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	41.	0.	0.03	0.14	7
387	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.13	7
388	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	35.	0.	0.03	0.12	6
389	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.12	6
390	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.11	6
391	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.11	6
392	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.12	6
393	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	35.	0.	0.03	0.12	6
394	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.13	7
395	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.14	7
396	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	44.	0.	0.03	0.15	8
397	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	48.	0.	0.04	0.17	9
398	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	52.	0.	0.04	0.18	9
399	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	58.	0.	0.04	0.20	10
418	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	81.	0.	0.06	0.28	14
419	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	78.	0.	0.06	0.27	14
420	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	75.	0.	0.06	0.26	13
421	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	64.	0.	0.05	0.22	11
422	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	66.	0.	0.05	0.23	12
423	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	67.	0.	0.05	0.23	12
424	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	68.	0.	0.05	0.24	12
425	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	70.	0.	0.05	0.24	13
426	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	72.	0.	0.06	0.25	13
427	100	10.89	10.89	77.	0.	0.07	0.37	15.25	15.25	73.	0.	0.06	0.25	19
428	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	74.	0.	0.06	0.26	26
429	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	74.	0.	0.06	0.26	30
430	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	73.	0.	0.06	0.26	33
431	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	73.	0.	0.06	0.25	37
432	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	71.	0.	0.06	0.25	38
433	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	72.	0.	0.06	0.25	38
434	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	72.	0.	0.06	0.25	39
435	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	72.	0.	0.06	0.25	37
436	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	71.	0.	0.06	0.25	34
437	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	70.	0.	0.05	0.25	31
438	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	69.	0.	0.05	0.24	25
439	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	67.	0.	0.05	0.23	18
441	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	61.	0.	0.05	0.21	11
442	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	58.	0.	0.04	0.20	10
443	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	50.	0.	0.04	0.18	9
444	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	45.	0.	0.03	0.16	8
445	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	41.	0.	0.03	0.14	7
446	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.13	7
447	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	35.	0.	0.03	0.12	6
448	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.03	0.11	6
449	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	6
450	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
451	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
452	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	6
453	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.03	0.11	6
454	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.12	6
455	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.13	7
456	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.14	7
457	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	43.	0.	0.03	0.15	8



458	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	46.	0.	0.04	0.16	8
459	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	51.	0.	0.04	0.18	9
478	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	67.	0.	0.05	0.23	12
479	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	65.	0.	0.05	0.23	12
480	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	62.	0.	0.05	0.22	11
481	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	41.	0.	0.03	0.14	7
482	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	8
483	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	8
484	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	43.	0.	0.03	0.15	8
485	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	43.	0.	0.03	0.15	8
501	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	42.	0.	0.03	0.15	8
502	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.14	7
503	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.12	6
504	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.10	5
505	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.09	5
506	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
507	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.07	4
508	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
509	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.06	3
510	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.06	3
511	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.06	3
512	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.06	3
513	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
514	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.07	4
515	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
516	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	4
517	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.09	5
518	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.10	5
519	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.02	0.11	6
538	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.14	7
539	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.14	7
540	100	10.89	10.89	1.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.13	7
1622	100	10.89	10.89	45.	0.	0.04	0.22	15.25	15.25	21.	0.	0.02	0.07	11
1623	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	11.	0.	0.01	0.04	12
1625	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	21.	0.	0.02	0.07	26
1626	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	22.	0.	0.02	0.08	30
1627	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	23.	0.	0.02	0.08	33
1628	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	23.	0.	0.02	0.08	37
1629	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	24.	0.	0.02	0.08	38
1630	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	24.	0.	0.02	0.08	38
1631	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	25.	0.	0.02	0.09	39
1632	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	25.	0.	0.02	0.09	37
1633	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	26.	0.	0.02	0.09	34
1634	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	26.	0.	0.02	0.09	31
1635	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	26.	0.	0.02	0.09	25
1637	100	10.89	10.89	49.	0.	0.04	0.24	15.25	15.25	42.	0.	0.03	0.15	12
1638	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	78.	0.	0.06	0.27	14
1639	100	10.89	10.89	77.	0.	0.07	0.37	15.25	15.25	78.	0.	0.06	0.27	19
1640	100	10.89	10.89	45.	0.	0.04	0.22	15.25	15.25	33.	0.	0.03	0.11	11
1641	100	10.89	10.89	49.	0.	0.04	0.24	15.25	15.25	54.	0.	0.04	0.19	12
1642	100	10.89	10.89	50.	0.	0.05	0.24	15.25	15.25	25.	0.	0.02	0.09	12
1644	100	10.89	10.89	69.	0.	0.06	0.34	15.25	15.25	18.	0.	0.01	0.06	17
1645	100	10.89	10.89	76.	0.	0.07	0.37	15.25	15.25	12.	0.	0.01	0.04	19
1646	100	10.89	10.89	69.	0.	0.06	0.34	15.25	15.25	31.	0.	0.02	0.11	17
1647	100	10.89	10.89	76.	0.	0.07	0.37	15.25	15.25	24.	0.	0.02	0.08	19
1648	100	10.89	10.89	77.	0.	0.07	0.37	15.25	15.25	54.	0.	0.04	0.19	19
1649	100	10.89	10.89	77.	0.	0.07	0.37	15.25	15.25	43.	0.	0.03	0.15	19
1650	100	10.89	10.89	49.	0.	0.05	0.24	15.25	15.25	25.	0.	0.02	0.09	12
1651	100	10.89	10.89	40.	0.	0.04	0.20	15.25	15.25	20.	0.	0.02	0.07	10
1652	100	10.89	10.89	31.	0.	0.03	0.15	15.25	15.25	26.	0.	0.02	0.09	8
1653	100	10.89	10.89	31.	0.	0.03	0.15	15.25	15.25	18.	0.	0.01	0.06	8
1654	100	10.89	10.89	40.	0.	0.04	0.20	15.25	15.25	14.	0.	0.01	0.05	10
1655	100	10.89	10.89	49.	0.	0.05	0.24	15.25	15.25	19.	0.	0.01	0.06	12
1656	100	10.89	10.89	51.	0.	0.05	0.25	15.25	15.25	61.	0.	0.05	0.21	13
1657	100	10.89	10.89	51.	0.	0.05	0.25	15.25	15.25	71.	0.	0.05	0.25	13
1658	100	10.89	10.89	51.	0.	0.05	0.25	15.25	15.25	65.	0.	0.05	0.23	13
1659	100	10.89	10.89	36.	0.	0.03	0.17	15.25	15.25	59.	0.	0.05	0.21	11
1660	100	10.89	10.89	36.	0.	0.03	0.17	15.25	15.25	69.	0.	0.05	0.24	12
1661	100	10.89	10.89	36.	0.	0.03	0.17	15.25	15.25	63.	0.	0.05	0.22	11
1662	100	10.89	10.89	51.	0.	0.05	0.25	15.25	15.25	45.	0.	0.03	0.16	13
1663	100	10.89	10.89	51.	0.	0.05	0.25	15.25	15.25	38.	0.	0.03	0.13	13
1664	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	20.	0.	0.02	0.07	18
1665	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	41.	0.	0.03	0.14	18
1666	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	46.	0.	0.04	0.16	18
1667	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	26.	0.	0.02	0.09	18
1668	100	10.89	10.89	34.	0.	0.03	0.17	15.25	15.25	44.	0.	0.03	0.15	9
1669	100	10.89	10.89	34.	0.	0.03	0.17	15.25	15.25	37.	0.	0.03	0.13	9
1670	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	45.	0.	0.03	0.16	26
1671	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	45.	0.	0.03	0.16	30
1672	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	45.	0.	0.04	0.16	33
1673	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	45.	0.	0.04	0.16	37
1674	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	45.	0.	0.03	0.16	38
1675	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	46.	0.	0.04	0.16	38
1676	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	46.	0.	0.04	0.16	39
1677	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	47.	0.	0.04	0.16	37



1678	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	47.	0.	0.04	0.16	34
1679	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	47.	0.	0.04	0.16	31
1680	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	47.	0.	0.04	0.16	25
1681	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	31.	0.	0.02	0.11	26
1682	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	30.	0.	0.02	0.11	30
1683	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	30.	0.	0.02	0.10	33
1684	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	29.	0.	0.02	0.10	37
1685	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	28.	0.	0.02	0.10	38
1686	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	27.	0.	0.02	0.10	38
1687	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	27.	0.	0.02	0.09	39
1688	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	26.	0.	0.02	0.09	37
1689	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	25.	0.	0.02	0.09	34
1690	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	24.	0.	0.02	0.08	31
1691	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	22.	0.	0.02	0.08	25
1692	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	54.	0.	0.04	0.19	26
1693	100	10.89	10.89	120.	0.	0.11	0.58	15.25	15.25	53.	0.	0.04	0.19	30
1694	100	10.89	10.89	135.	0.	0.12	0.65	15.25	15.25	52.	0.	0.04	0.18	33
1695	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	50.	0.	0.04	0.18	37
1696	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	49.	0.	0.04	0.17	38
1697	100	10.89	10.89	155.	0.	0.14	0.75	15.25	15.25	48.	0.	0.04	0.17	38
1698	100	10.89	10.89	157.	0.	0.14	0.76	15.25	15.25	48.	0.	0.04	0.17	39
1699	100	10.89	10.89	147.	0.	0.13	0.71	15.25	15.25	47.	0.	0.04	0.16	37
1700	100	10.89	10.89	136.	0.	0.12	0.66	15.25	15.25	46.	0.	0.04	0.16	34
1701	100	10.89	10.89	124.	0.	0.11	0.60	15.25	15.25	45.	0.	0.03	0.16	31
1702	100	10.89	10.89	101.	0.	0.09	0.49	15.25	15.25	43.	0.	0.03	0.15	25
1703	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	50.	0.	0.04	0.18	9
1704	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	51.	0.	0.04	0.18	9
1705	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	33.	0.	0.03	0.11	6
1706	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	74.	0.	0.06	0.26	13
1707	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	76.	0.	0.06	0.26	13
1708	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	53.	0.	0.04	0.19	10
1709	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	83.	0.	0.06	0.29	15
1710	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	85.	0.	0.07	0.30	15
1711	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	62.	0.	0.05	0.22	11
1712	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	70.	0.	0.05	0.24	12
1713	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	71.	0.	0.06	0.25	13
1714	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	55.	0.	0.04	0.19	10
1715	100	10.89	10.89	14.	0.	0.01	0.07	15.25	15.25	41.	0.	0.03	0.14	7
1716	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	43.	0.	0.03	0.15	8
1717	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	35.	0.	0.03	0.12	6
1718	100	10.89	10.89	44.	0.	0.04	0.21	15.25	15.25	22.	0.	0.02	0.08	11
1719	100	10.89	10.89	48.	0.	0.04	0.23	15.25	15.25	13.	0.	0.01	0.05	12
1720	100	10.89	10.89	103.	0.	0.09	0.50	15.25	15.25	23.	0.	0.02	0.08	26
1721	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	24.	0.	0.02	0.08	29
1722	100	10.89	10.89	132.	0.	0.12	0.64	15.25	15.25	25.	0.	0.02	0.09	33
1723	100	10.89	10.89	146.	0.	0.13	0.71	15.25	15.25	23.	0.	0.02	0.08	36
1724	100	10.89	10.89	148.	0.	0.14	0.72	15.25	15.25	22.	0.	0.02	0.08	37
1725	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	21.	0.	0.02	0.07	37
1726	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	20.	0.	0.02	0.07	38
1727	100	10.89	10.89	141.	0.	0.13	0.68	15.25	15.25	19.	0.	0.01	0.07	35
1728	100	10.89	10.89	130.	0.	0.12	0.63	15.25	15.25	19.	0.	0.01	0.06	32
1729	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	18.	0.	0.01	0.06	29
1730	100	10.89	10.89	94.	0.	0.09	0.46	15.25	15.25	18.	0.	0.01	0.06	23
1731	100	10.89	10.89	48.	0.	0.04	0.23	15.25	15.25	44.	0.	0.03	0.15	12
1732	100	10.89	10.89	49.	0.	0.04	0.24	15.25	15.25	73.	0.	0.06	0.25	13
1733	100	10.89	10.89	49.	0.	0.04	0.24	15.25	15.25	86.	0.	0.07	0.30	15
1734	100	10.89	10.89	49.	0.	0.04	0.24	15.25	15.25	76.	0.	0.06	0.27	14
1735	100	10.89	10.89	44.	0.	0.04	0.21	15.25	15.25	30.	0.	0.02	0.11	11
1736	100	10.89	10.89	48.	0.	0.04	0.23	15.25	15.25	51.	0.	0.04	0.18	12
1737	100	10.89	10.89	48.	0.	0.04	0.23	15.25	15.25	22.	0.	0.02	0.08	12
1738	100	10.89	10.89	68.	0.	0.06	0.33	15.25	15.25	20.	0.	0.02	0.07	17
1739	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	14.	0.	0.01	0.05	18
1740	100	10.89	10.89	68.	0.	0.06	0.33	15.25	15.25	28.	0.	0.02	0.10	17
1741	100	10.89	10.89	74.	0.	0.07	0.36	15.25	15.25	22.	0.	0.02	0.08	18
1742	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	17.	0.	0.01	0.06	10
1743	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	13.	0.	0.01	0.04	8
1744	100	10.89	10.89	24.	0.	0.02	0.11	15.25	15.25	19.	0.	0.01	0.06	6
1745	100	10.89	10.89	24.	0.	0.02	0.11	15.25	15.25	17.	0.	0.01	0.06	6
1746	100	10.89	10.89	33.	0.	0.03	0.16	15.25	15.25	12.	0.	0.01	0.04	8
1747	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	17.	0.	0.01	0.06	10
1748	100	10.89	10.89	29.	0.	0.03	0.14	15.25	15.25	56.	0.	0.04	0.19	10
1749	100	10.89	10.89	29.	0.	0.03	0.14	15.25	15.25	63.	0.	0.05	0.22	11
1750	100	10.89	10.89	29.	0.	0.03	0.14	15.25	15.25	57.	0.	0.04	0.20	10
1751	100	10.89	10.89	67.	0.	0.06	0.32	15.25	15.25	18.	0.	0.01	0.06	17
1752	100	10.89	10.89	67.	0.	0.06	0.32	15.25	15.25	18.	0.	0.01	0.06	17
1753	100	10.89	10.89	27.	0.	0.02	0.13	15.25	15.25	36.	0.	0.03	0.13	7
1754	100	10.89	10.89	27.	0.	0.02	0.13	15.25	15.25	35.	0.	0.03	0.12	7
1755	100	10.89	10.89	103.	0.	0.09	0.50	15.25	15.25	29.	0.	0.02	0.10	26
1756	100	10.89	10.89	117.	0.	0.11	0.57	15.25	15.25	28.	0.	0.02	0.10	29
1757	100	10.89	10.89	132.	0.	0.12	0.64	15.25	15.25	28.	0.	0.02	0.10	33
1758	100	10.89	10.89	146.	0.	0.13	0.71	15.25	15.25	27.	0.	0.02	0.09	36
1759	100	10.89	10.89	148.	0.	0.14	0.72	15.25	15.25	26.	0.	0.02	0.09	37
1760	100	10.89	10.89	150.	0.	0.14	0.73	15.25	15.25	25.	0.	0.02	0.09	37
1761	100	10.89	10.89	152.	0.	0.14	0.74	15.25	15.25	25.	0.	0.02	0.09	38
1762	100	10.89	10.89	141.	0.	0.13	0.68	15.25	15.25	25.	0.	0.02	0.09	35



Table with columns for line numbers (1763-1835) and various numerical values representing structural calculations.

Summary table with columns: GUSCI, spess, Af, Afc, SUPERIORE ORIZZONTALE (Mom, Nor, epsC, epsF), SUPERIORE VERTICALE (Mom, Nor, epsC, epsF), COEF. MAX, %.



10	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
11	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
12	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
13	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
14	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
15	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
16	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
17	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
18	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
19	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
20	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
21	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	6.	0.	0.00	0.02	5
22	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	6.	0.	0.00	0.02	12
23	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	5.	0.	0.00	0.02	17
24	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	5.	0.	0.00	0.02	23
25	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	5.	0.	0.00	0.02	26
26	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	5.	0.	0.00	0.02	29
27	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	5.	0.	0.00	0.02	31
28	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	4.	0.	0.00	0.02	33
29	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	4.	0.	0.00	0.01	34
30	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	4.	0.	0.00	0.01	34
31	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	4.	0.	0.00	0.01	34
32	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	4.	0.	0.00	0.01	34
33	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	4.	0.	0.00	0.02	33
34	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	5.	0.	0.00	0.02	31
35	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	5.	0.	0.00	0.02	29
36	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	5.	0.	0.00	0.02	26
37	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	5.	0.	0.00	0.02	23
38	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	5.	0.	0.00	0.02	17
39	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	6.	0.	0.00	0.02	12
40	100	10.89	10.89	16.	0.	0.01	0.08	15.25	15.25	6.	0.	0.00	0.02	4
41	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
42	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
43	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
44	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
45	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
46	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
47	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
48	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
49	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
50	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
51	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
52	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
53	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
54	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
55	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
56	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
57	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
58	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
59	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
60	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
61	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
62	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
63	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
64	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
65	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
66	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
67	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
68	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
69	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
70	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
71	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
72	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
73	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
74	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
75	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
76	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
77	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
78	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
79	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
80	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
81	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	5.	0.	0.00	0.02	5
82	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	6.	0.	0.00	0.02	12
83	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	6.	0.	0.00	0.02	17
84	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	6.	0.	0.00	0.02	23
85	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	6.	0.	0.00	0.02	26
86	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	6.	0.	0.00	0.02	29
87	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	6.	0.	0.00	0.02	31
88	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	6.	0.	0.00	0.02	33
89	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	6.	0.	0.00	0.02	34
90	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	6.	0.	0.00	0.02	34
91	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	6.	0.	0.00	0.02	34
92	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	6.	0.	0.00	0.02	34
93	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	6.	0.	0.00	0.02	33



94	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	6.	0.	0.00	0.02	31
95	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	6.	0.	0.00	0.02	29
96	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	6.	0.	0.00	0.02	26
97	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	6.	0.	0.00	0.02	23
98	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	6.	0.	0.00	0.02	17
99	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	5.	0.	0.00	0.02	12
100	100	10.89	10.89	16.	0.	0.01	0.08	15.25	15.25	5.	0.	0.00	0.02	4
101	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
102	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
103	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
104	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
105	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
106	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
107	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
108	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
109	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
110	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
111	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
112	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
113	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
114	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
115	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
116	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
117	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
118	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
119	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
120	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
121	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
122	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
123	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
124	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
125	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
126	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
127	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
128	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
129	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
130	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
131	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
132	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
133	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
134	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
135	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
136	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
137	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
138	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
139	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
140	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
141	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	9.	0.	0.01	0.03	5
142	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	8.	0.	0.01	0.03	12
143	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	8.	0.	0.01	0.03	17
144	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	8.	0.	0.01	0.03	23
145	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	7.	0.	0.01	0.03	26
146	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	7.	0.	0.01	0.02	29
147	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	6.	0.	0.00	0.02	31
148	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	5.	0.	0.00	0.02	33
149	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	3.	0.	0.00	0.01	34
150	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	2.	0.	0.00	0.01	34
151	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	2.	0.	0.00	0.01	34
152	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	3.	0.	0.00	0.01	34
153	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	5.	0.	0.00	0.02	33
154	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	6.	0.	0.00	0.02	31
155	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	7.	0.	0.01	0.02	29
156	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	7.	0.	0.01	0.03	26
157	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	8.	0.	0.01	0.03	23
158	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	8.	0.	0.01	0.03	17
159	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	8.	0.	0.01	0.03	12
160	100	10.89	10.89	16.	0.	0.01	0.08	15.25	15.25	8.	0.	0.01	0.03	4
161	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
162	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
163	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
164	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
165	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
166	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
167	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
168	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
169	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
170	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
171	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
172	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
173	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
174	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
175	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
176	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
177	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
178	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0



179	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
180	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
181	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
182	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
183	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
184	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
185	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
186	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
187	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
188	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
189	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
190	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
191	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
192	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
193	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
194	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
195	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
196	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
197	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
198	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
199	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
200	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
201	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	8.	0.	0.01	0.03	5
202	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	8.	0.	0.01	0.03	12
203	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	8.	0.	0.01	0.03	17
204	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	7.	0.	0.01	0.03	23
205	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	7.	0.	0.01	0.02	26
206	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	6.	0.	0.00	0.02	29
207	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	6.	0.	0.00	0.02	31
208	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	5.	0.	0.00	0.02	33
209	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	4.	0.	0.00	0.01	34
210	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	2.	0.	0.00	0.01	34
211	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	2.	0.	0.00	0.01	34
212	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	4.	0.	0.00	0.01	34
213	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	5.	0.	0.00	0.02	33
214	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	6.	0.	0.00	0.02	31
215	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	6.	0.	0.00	0.02	29
216	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	7.	0.	0.01	0.02	26
217	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	7.	0.	0.01	0.03	23
218	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	8.	0.	0.01	0.03	17
219	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	8.	0.	0.01	0.03	12
220	100	10.89	10.89	16.	0.	0.01	0.08	15.25	15.25	8.	0.	0.01	0.03	4
221	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
222	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
223	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
224	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
225	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
226	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
227	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
228	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
229	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
230	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
231	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
232	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
233	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
234	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
235	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
236	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
237	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
238	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
239	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
240	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
241	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
242	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
243	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
244	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
245	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
261	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
262	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
263	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
264	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
265	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
266	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
267	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
268	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
269	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
270	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
271	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
272	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
273	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
274	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
275	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
276	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
277	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
278	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17



279	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
298	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
299	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
300	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
301	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
302	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
303	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
304	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
305	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
308	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
309	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
310	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
311	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
312	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
313	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
314	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
315	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
316	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
317	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
318	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
319	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
321	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
322	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
323	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
324	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
325	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
326	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
327	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
328	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
329	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
330	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
331	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
332	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
333	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
334	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
335	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
336	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
337	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
338	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
339	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
358	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
359	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
360	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
361	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
362	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
363	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
364	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
365	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
366	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
367	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
368	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
369	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
370	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
371	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
372	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
373	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
374	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
375	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
376	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
377	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
378	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
379	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
381	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
382	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
383	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
384	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
385	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
386	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
387	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
388	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
389	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
390	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
391	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
392	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
393	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
394	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
395	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
396	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
397	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
398	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
399	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
418	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
419	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
420	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
421	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0



422	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
423	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
424	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
425	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
426	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
427	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
428	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
429	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
430	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
431	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
432	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
433	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
434	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
435	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
436	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
437	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
438	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
439	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
441	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
442	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
443	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
444	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
445	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
446	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
447	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
448	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
449	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
450	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
451	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
452	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
453	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
454	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
455	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
456	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
457	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
458	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
459	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
478	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
479	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
480	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
481	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
482	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
483	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
484	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
485	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
501	100	10.89	10.89	21.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
502	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
503	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
504	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
505	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
506	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
507	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
508	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
509	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
510	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
511	100	10.89	10.89	138.	0.	0.13	0.67	15.25	15.25	0.	0.	0.00	0.00	34
512	100	10.89	10.89	135.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	34
513	100	10.89	10.89	133.	0.	0.12	0.64	15.25	15.25	0.	0.	0.00	0.00	33
514	100	10.89	10.89	126.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	31
515	100	10.89	10.89	116.	0.	0.11	0.56	15.25	15.25	0.	0.	0.00	0.00	29
516	100	10.89	10.89	105.	0.	0.10	0.51	15.25	15.25	0.	0.	0.00	0.00	26
517	100	10.89	10.89	91.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	23
518	100	10.89	10.89	69.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	17
519	100	10.89	10.89	47.	0.	0.04	0.23	15.25	15.25	0.	0.	0.00	0.00	12
538	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
539	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
540	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1622	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1623	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1625	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1626	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1627	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1628	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1629	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1630	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1631	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1632	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1633	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1634	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1635	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1637	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1638	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1639	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1640	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1641	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0



1813	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1814	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1815	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1816	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1817	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1818	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1819	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1820	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1821	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1822	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1823	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1824	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1825	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1826	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1827	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1828	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1829	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1830	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1831	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1832	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1833	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1834	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1835	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0

L'ARMATURA È OVUNQUE > DELLA QUANTITÀ RICHIESTA: IL PUNTO 2.3 DELLE NTC È VERIFICATO (Rd > Ed)

VERIFICHE A PUNZONAMENTO													
		Norm	beta	sigT	Pcrit	Ro	Acrit	VRd,c	VEd	A staffe	VRd,cs		
		[kN]		[N/mm2]	[cm]	[%]	[cm2]	[kN]	[kN]	[cm2]	[kN]		
A	2	-123.124	1.11	0.010	383.4	0.14	43991.6	1724.600	92.320	0.0	0.000	SÌ	
A	3	-101.612	1.11	0.010	303.4	0.14	28647.2	1478.820	84.520	0.0	0.000	SÌ	
A	4	-138.565	1.10	0.010	448.4	0.14	57113.4	2017.010	95.350	0.0	0.000	SÌ	
A	5	-141.988	1.09	0.010	357.5	0.14	33978.8	2613.410	121.330	0.0	0.000	SÌ	
A	6	-130.922	1.09	0.010	357.5	0.14	32061.3	2613.410	110.500	0.0	0.000	SÌ	
A	7	-106.885	1.03	0.010	357.5	0.14	19928.8	2613.410	90.670	0.0	0.000	SÌ	
A	8	-75.789	1.04	0.010	327.7	0.14	16717.8	2737.410	62.000	0.0	0.000	SÌ	
A	9	-46.709	1.05	0.010	297.8	0.14	13785.9	2902.740	35.100	0.0	0.000	SÌ	
A	10	-26.793	1.08	0.010	238.1	0.14	8759.2	3481.410	20.070	0.0	0.000	SÌ	
A	11	-19.777	1.08	0.010	208.3	0.14	6664.5	4060.080	14.660	0.0	0.000	SÌ	
A	12	-26.793	1.08	0.010	238.1	0.14	8759.2	3481.410	20.070	0.0	0.000	SÌ	
A	13	-46.709	1.05	0.010	297.8	0.14	13785.9	2902.740	35.100	0.0	0.000	SÌ	
A	14	-75.789	1.04	0.010	327.7	0.14	16717.8	2737.410	62.000	0.0	0.000	SÌ	
A	15	-106.885	1.03	0.010	357.5	0.14	19928.8	2613.410	90.670	0.0	0.000	SÌ	
A	16	-130.922	1.09	0.010	357.5	0.14	32061.3	2613.410	110.500	0.0	0.000	SÌ	
A	17	-141.988	1.09	0.010	357.5	0.14	33978.8	2613.410	121.330	0.0	0.000	SÌ	
A	18	-138.565	1.10	0.010	448.4	0.14	57113.0	2017.010	95.350	0.0	0.000	SÌ	
A	19	-123.124	1.11	0.010	383.4	0.14	43991.2	1724.600	92.320	0.0	0.000	SÌ	
A	20	-101.612	1.11	0.010	303.4	0.14	28646.8	1478.810	84.520	0.0	0.000	SÌ	
A	21	-101.144	1.09	0.010	299.4	0.14	27932.4	1459.330	82.390	0.0	0.000	SÌ	
A	22	-111.420	1.09	0.010	364.4	0.14	39777.9	1776.110	81.160	0.0	0.000	SÌ	
A	23	-118.523	1.08	0.010	319.7	0.14	28795.9	2670.600	99.220	0.0	0.000	SÌ	
A	24	-119.433	1.07	0.010	319.7	0.14	27184.2	2670.600	101.160	0.0	0.000	SÌ	
A	25	-112.913	1.07	0.010	319.7	0.14	25635.0	2670.600	95.190	0.0	0.000	SÌ	
A	26	-99.793	1.02	0.010	349.5	0.14	19085.6	2554.950	83.000	0.0	0.000	SÌ	
A	27	-83.149	1.02	0.010	319.7	0.14	15950.9	2670.600	69.160	0.0	0.000	SÌ	
A	28	-67.654	1.02	0.010	319.7	0.14	15950.9	2670.600	53.300	0.0	0.000	SÌ	
A	29	-57.034	1.02	0.010	289.8	0.14	13095.3	2824.810	45.280	0.0	0.000	SÌ	
A	30	-53.288	1.02	0.010	289.8	0.14	13095.3	2824.810	41.400	0.0	0.000	SÌ	
A	31	-57.034	1.02	0.010	289.8	0.14	13095.3	2824.810	45.280	0.0	0.000	SÌ	
A	32	-67.654	1.02	0.010	319.7	0.14	15950.9	2670.600	53.300	0.0	0.000	SÌ	
A	33	-83.149	1.02	0.010	319.7	0.14	15950.9	2670.600	69.160	0.0	0.000	SÌ	
A	34	-99.793	1.02	0.010	349.5	0.14	19085.6	2554.950	83.000	0.0	0.000	SÌ	
A	35	-112.913	1.07	0.010	319.7	0.14	25635.1	2670.600	95.190	0.0	0.000	SÌ	
A	36	-119.433	1.07	0.010	319.7	0.14	27184.3	2670.600	101.160	0.0	0.000	SÌ	
A	37	-118.523	1.08	0.010	319.7	0.14	28796.0	2670.600	99.220	0.0	0.000	SÌ	
A	38	-111.420	1.09	0.010	364.4	0.14	39777.5	1776.100	81.160	0.0	0.000	SÌ	
A	39	-101.144	1.09	0.010	299.4	0.14	27932.1	1459.320	82.390	0.0	0.000	SÌ	

MACROGUSCIO Trave1

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione	
2	Rara	(RARA)
3	Frequente	(FREQUENTE)
4	Quasi Perm	(QUASI PERMANENTE)

DATI:

copriferro inferiore (asse armatura): 5 cm



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

copriferro superiore (asse armatura): 5 cm

- Af = area effettiva tesa (cm2 al metro)
Afc = area effettiva compressa (cm2 al metro)
Mom = momento flettente [kNm/m]
Nor = sforzo normale [kN]
sc = tensione calcestruzzo [N/mm2]
valore max per combinazione rara = 14.94 N/mm2
quasi permanente = 11.2 N/mm2
of = tensione acciaio [N/mm2]
valore max per combinazione rara = 360 N/mm2
wkF = apertura caratteristica per combinazione frequente (mm) - valore max = 0.4 mm
wkP = apertura caratteristica per combinazione quasi permanente (mm) - valore max = 0.3 mm

DATI FRC (calcestruzzo fibrorinforzato, verifica secondo Linee Guida maggio 2022):
fFtsk = tensione di progetto in esercizio = 0 N/mm2

<-

ARMATURA INFERIORE ORIZZONTALE

Table with columns: GUSCI, Af, Afc, Mom, Nor, sc, of, Mom, Nor, wkF, Mom, Nor, sc, wkP. It contains 63 rows of data representing different sections of the structure.



64	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
65	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
66	10.89	10.89	32.76	0.00	0.42	33.	29.48	0.00	0.004	26.20	0.00	0.34	0.004
67	10.89	10.89	49.52	0.00	0.64	50.	44.57	0.00	0.006	39.62	0.00	0.51	0.006
68	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
69	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
70	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
71	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
72	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
73	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
74	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
75	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
76	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
77	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
78	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
79	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
80	10.89	10.89	27.87	0.00	0.36	28.	25.08	0.00	0.004	22.30	0.00	0.29	0.003
81	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
82	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
83	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
84	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
85	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
86	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
87	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
88	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
89	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
90	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
91	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
92	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
93	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
94	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
95	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
96	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
97	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
98	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
99	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
100	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
101	10.89	10.89	23.08	0.00	0.30	24.	20.77	0.00	0.003	18.47	0.00	0.24	0.003
102	10.89	10.89	43.34	0.00	0.56	44.	39.00	0.00	0.005	34.67	0.00	0.45	0.005
103	10.89	10.89	61.52	0.00	0.79	63.	55.37	0.00	0.008	49.22	0.00	0.63	0.007
104	10.89	10.89	78.26	0.00	1.01	80.	70.43	0.00	0.010	62.61	0.00	0.81	0.009
105	10.89	10.89	86.57	0.00	1.11	88.	77.91	0.00	0.011	69.26	0.00	0.89	0.010
106	10.89	10.89	93.98	0.00	1.21	96.	84.58	0.00	0.012	75.18	0.00	0.97	0.011
107	10.89	10.89	101.20	0.00	1.30	103.	91.08	0.00	0.013	80.96	0.00	1.04	0.011
108	10.89	10.89	100.01	0.00	1.29	102.	90.01	0.00	0.013	80.01	0.00	1.03	0.011
109	10.89	10.89	98.57	0.00	1.27	101.	88.71	0.00	0.012	78.86	0.00	1.01	0.011
110	10.89	10.89	97.47	0.00	1.25	99.	87.72	0.00	0.012	77.97	0.00	1.00	0.011
111	10.89	10.89	87.94	0.00	1.13	90.	79.15	0.00	0.011	70.35	0.00	0.90	0.010
112	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
113	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
114	10.89	10.89	48.60	0.00	0.63	50.	43.74	0.00	0.006	38.88	0.00	0.50	0.005
115	10.89	10.89	31.98	0.00	0.41	33.	28.78	0.00	0.004	25.58	0.00	0.33	0.004
116	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
117	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
118	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
119	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
120	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
121	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
122	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
123	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
124	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
125	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
126	10.89	10.89	32.76	0.00	0.42	33.	29.48	0.00	0.004	26.20	0.00	0.34	0.004
127	10.89	10.89	49.52	0.00	0.64	50.	44.57	0.00	0.006	39.62	0.00	0.51	0.006
128	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
129	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
130	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
131	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
132	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
133	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
134	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
135	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
136	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
137	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
138	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
139	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
140	10.89	10.89	27.87	0.00	0.36	28.	25.08	0.00	0.004	22.30	0.00	0.29	0.003
141	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
142	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
143	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
144	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
145	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
146	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
147	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
148	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



149	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
150	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
151	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
152	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
153	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
154	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
155	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
156	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
157	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
158	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
159	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
160	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
161	10.89	10.89	23.08	0.00	0.30	24.	20.77	0.00	0.003	18.47	0.00	0.24	0.003
162	10.89	10.89	43.34	0.00	0.56	44.	39.00	0.00	0.005	34.67	0.00	0.45	0.005
163	10.89	10.89	61.52	0.00	0.79	63.	55.37	0.00	0.008	49.22	0.00	0.63	0.007
164	10.89	10.89	78.26	0.00	1.01	80.	70.43	0.00	0.010	62.61	0.00	0.81	0.009
165	10.89	10.89	86.57	0.00	1.11	88.	77.91	0.00	0.011	69.26	0.00	0.89	0.010
166	10.89	10.89	93.98	0.00	1.21	96.	84.58	0.00	0.012	75.18	0.00	0.97	0.011
167	10.89	10.89	101.20	0.00	1.30	103.	91.08	0.00	0.013	80.96	0.00	1.04	0.011
168	10.89	10.89	100.01	0.00	1.29	102.	90.01	0.00	0.013	80.01	0.00	1.03	0.011
169	10.89	10.89	98.57	0.00	1.27	101.	88.71	0.00	0.012	78.86	0.00	1.01	0.011
170	10.89	10.89	97.47	0.00	1.25	99.	87.72	0.00	0.012	77.97	0.00	1.00	0.011
171	10.89	10.89	87.94	0.00	1.13	90.	79.15	0.00	0.011	70.35	0.00	0.90	0.010
172	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
173	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
174	10.89	10.89	48.60	0.00	0.63	50.	43.74	0.00	0.006	38.88	0.00	0.50	0.005
175	10.89	10.89	31.98	0.00	0.41	33.	28.78	0.00	0.004	25.58	0.00	0.33	0.004
176	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
177	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
178	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
179	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
180	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
181	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
182	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
183	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
184	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
185	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
186	10.89	10.89	32.76	0.00	0.42	33.	29.48	0.00	0.004	26.20	0.00	0.34	0.004
187	10.89	10.89	49.52	0.00	0.64	50.	44.57	0.00	0.006	39.62	0.00	0.51	0.006
188	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
189	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
190	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
191	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
192	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
193	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
194	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
195	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
196	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
197	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
198	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
199	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
200	10.89	10.89	27.87	0.00	0.36	28.	25.08	0.00	0.004	22.30	0.00	0.29	0.003
201	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
202	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
203	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
204	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
205	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
206	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
207	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
208	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
209	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
210	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
211	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
212	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
213	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
214	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
215	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
216	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
217	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
218	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
219	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
220	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
221	10.89	10.89	23.08	0.00	0.30	24.	20.77	0.00	0.003	18.47	0.00	0.24	0.003
222	10.89	10.89	43.34	0.00	0.56	44.	39.00	0.00	0.005	34.67	0.00	0.45	0.005
223	10.89	10.89	61.52	0.00	0.79	63.	55.37	0.00	0.008	49.22	0.00	0.63	0.007
224	10.89	10.89	78.26	0.00	1.01	80.	70.43	0.00	0.010	62.61	0.00	0.81	0.009
225	10.89	10.89	86.57	0.00	1.11	88.	77.91	0.00	0.011	69.26	0.00	0.89	0.010
226	10.89	10.89	93.98	0.00	1.21	96.	84.58	0.00	0.012	75.18	0.00	0.97	0.011
227	10.89	10.89	101.20	0.00	1.30	103.	91.08	0.00	0.013	80.96	0.00	1.04	0.011
228	10.89	10.89	100.01	0.00	1.29	102.	90.01	0.00	0.013	80.01	0.00	1.03	0.011
229	10.89	10.89	98.57	0.00	1.27	101.	88.71	0.00	0.012	78.86	0.00	1.01	0.011
230	10.89	10.89	97.47	0.00	1.25	99.	87.72	0.00	0.012	77.97	0.00	1.00	0.011
231	10.89	10.89	87.94	0.00	1.13	90.	79.15	0.00	0.011	70.35	0.00	0.90	0.010
232	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
233	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008



234	10.89	10.89	48.60	0.00	0.63	50.	43.74	0.00	0.006	38.88	0.00	0.50	0.005
235	10.89	10.89	31.98	0.00	0.41	33.	28.78	0.00	0.004	25.58	0.00	0.33	0.004
236	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
237	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
238	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
239	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
240	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
241	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
242	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
243	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
244	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
245	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
261	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
262	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
263	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
264	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
265	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
266	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
267	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
268	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
269	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
270	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
271	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
272	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
273	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
274	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
275	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
276	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
277	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
278	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
279	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
298	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
299	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
300	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
301	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
302	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
303	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
304	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
305	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
308	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
309	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
310	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
311	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
312	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
313	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
314	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
315	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
316	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
317	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
318	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
319	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
321	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
322	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
323	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
324	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
325	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
326	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
327	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
328	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
329	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
330	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
331	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
332	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
333	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
334	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
335	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
336	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
337	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
338	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
339	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
358	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
359	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
360	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
361	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
362	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
363	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
364	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
365	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
366	10.89	10.89	32.16	0.00	0.41	33.	28.94	0.00	0.004	25.73	0.00	0.33	0.004
367	10.89	10.89	48.45	0.00	0.62	49.	43.61	0.00	0.006	38.76	0.00	0.50	0.005
368	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
369	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
370	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
371	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
372	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011



373	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
374	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
375	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
376	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
377	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
378	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
379	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
381	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
382	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
383	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
384	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
385	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
386	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
387	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
388	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
389	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
390	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
391	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
392	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
393	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
394	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
395	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
396	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
397	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
398	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
399	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
418	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
419	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
420	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
421	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
422	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
423	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
424	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
425	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
426	10.89	10.89	32.16	0.00	0.41	33.	28.94	0.00	0.004	25.73	0.00	0.33	0.004
427	10.89	10.89	48.45	0.00	0.62	49.	43.61	0.00	0.006	38.76	0.00	0.50	0.005
428	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
429	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
430	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
431	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
432	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
433	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
434	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
435	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
436	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
437	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
438	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
439	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
441	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
442	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
443	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
444	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
445	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
446	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
447	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
448	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
449	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
450	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
451	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
452	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
453	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
454	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
455	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
456	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
457	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
458	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
459	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
478	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
479	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
480	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
481	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
482	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
483	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
484	10.89	10.89	7.12	0.00	0.09	7.	6.41	0.00	0.001	5.70	0.00	0.07	0.001
485	10.89	10.89	20.61	0.00	0.27	21.	18.54	0.00	0.003	16.48	0.00	0.21	0.002
501	10.89	10.89	3.43	0.00	0.04	4.	3.09	0.00	0.000	2.75	0.00	0.04	0.000
502	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
503	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
504	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
505	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
506	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
507	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
508	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
509	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
510	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



511	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
512	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
513	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
514	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
515	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
516	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
517	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
518	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
519	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
538	10.89	10.89	0.57	0.00	0.01	1.	0.51	0.00	0.000	0.45	0.00	0.01	0.000
539	10.89	10.89	0.47	0.00	0.01	0.	0.42	0.00	0.000	0.38	0.00	0.00	0.000
540	10.89	10.89	0.43	0.00	0.01	0.	0.39	0.00	0.000	0.35	0.00	0.00	0.000
1622	10.89	10.89	29.90	0.00	0.38	30.	26.91	0.00	0.004	23.92	0.00	0.31	0.003
1623	10.89	10.89	33.04	0.00	0.42	34.	29.73	0.00	0.004	26.43	0.00	0.34	0.004
1625	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
1626	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
1627	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
1628	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
1629	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
1630	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
1631	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
1632	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
1633	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
1634	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
1635	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
1637	10.89	10.89	32.80	0.00	0.42	33.	29.52	0.00	0.004	26.24	0.00	0.34	0.004
1638	10.89	10.89	32.16	0.00	0.41	33.	28.94	0.00	0.004	25.73	0.00	0.33	0.004
1639	10.89	10.89	48.45	0.00	0.62	49.	43.61	0.00	0.006	38.76	0.00	0.50	0.005
1640	10.89	10.89	29.90	0.00	0.38	30.	26.91	0.00	0.004	23.92	0.00	0.31	0.003
1641	10.89	10.89	32.80	0.00	0.42	33.	29.52	0.00	0.004	26.24	0.00	0.34	0.004
1642	10.89	10.89	33.04	0.00	0.42	34.	29.73	0.00	0.004	26.43	0.00	0.34	0.004
1644	10.89	10.89	46.05	0.00	0.59	47.	41.45	0.00	0.006	36.84	0.00	0.47	0.005
1645	10.89	10.89	50.57	0.00	0.65	52.	45.51	0.00	0.006	40.45	0.00	0.52	0.006
1646	10.89	10.89	46.05	0.00	0.59	47.	41.45	0.00	0.006	36.84	0.00	0.47	0.005
1647	10.89	10.89	50.57	0.00	0.65	52.	45.51	0.00	0.006	40.45	0.00	0.52	0.006
1648	10.89	10.89	48.45	0.00	0.62	49.	43.61	0.00	0.006	38.76	0.00	0.50	0.005
1649	10.89	10.89	48.45	0.00	0.62	49.	43.61	0.00	0.006	38.76	0.00	0.50	0.005
1650	10.89	10.89	32.98	0.00	0.42	34.	29.68	0.00	0.004	26.39	0.00	0.34	0.004
1651	10.89	10.89	26.94	0.00	0.35	28.	24.25	0.00	0.003	21.55	0.00	0.28	0.003
1652	10.89	10.89	20.51	0.00	0.26	21.	18.46	0.00	0.003	16.41	0.00	0.21	0.002
1653	10.89	10.89	20.51	0.00	0.26	21.	18.46	0.00	0.003	16.41	0.00	0.21	0.002
1654	10.89	10.89	26.94	0.00	0.35	28.	24.25	0.00	0.003	21.55	0.00	0.28	0.003
1655	10.89	10.89	32.98	0.00	0.42	34.	29.68	0.00	0.004	26.39	0.00	0.34	0.004
1656	10.89	10.89	32.28	0.00	0.41	33.	29.05	0.00	0.004	25.82	0.00	0.33	0.004
1657	10.89	10.89	32.28	0.00	0.41	33.	29.05	0.00	0.004	25.82	0.00	0.33	0.004
1658	10.89	10.89	32.28	0.00	0.41	33.	29.05	0.00	0.004	25.82	0.00	0.33	0.004
1659	10.89	10.89	22.10	0.00	0.28	23.	19.89	0.00	0.003	17.68	0.00	0.23	0.002
1660	10.89	10.89	22.10	0.00	0.28	23.	19.89	0.00	0.003	17.68	0.00	0.23	0.002
1661	10.89	10.89	22.10	0.00	0.28	23.	19.89	0.00	0.003	17.68	0.00	0.23	0.002
1662	10.89	10.89	32.28	0.00	0.41	33.	29.05	0.00	0.004	25.82	0.00	0.33	0.004
1663	10.89	10.89	32.28	0.00	0.41	33.	29.05	0.00	0.004	25.82	0.00	0.33	0.004
1664	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
1665	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
1666	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
1667	10.89	10.89	48.17	0.00	0.62	49.	43.35	0.00	0.006	38.53	0.00	0.50	0.005
1668	10.89	10.89	22.98	0.00	0.30	23.	20.68	0.00	0.003	18.39	0.00	0.24	0.003
1669	10.89	10.89	22.98	0.00	0.30	23.	20.68	0.00	0.003	18.39	0.00	0.24	0.003
1670	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
1671	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
1672	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
1673	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
1674	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
1675	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
1676	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
1677	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
1678	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
1679	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
1680	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
1681	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
1682	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
1683	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
1684	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
1685	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
1686	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012
1687	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
1688	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
1689	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
1690	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
1691	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
1692	10.89	10.89	69.83	0.00	0.90	71.	62.85	0.00	0.009	55.87	0.00	0.72	0.008
1693	10.89	10.89	79.98	0.00	1.03	82.	71.98	0.00	0.010	63.99	0.00	0.82	0.009
1694	10.89	10.89	89.88	0.00	1.16	92.	80.89	0.00	0.011	71.91	0.00	0.92	0.010
1695	10.89	10.89	99.88	0.00	1.28	102.	89.89	0.00	0.013	79.91	0.00	1.03	0.011
1696	10.89	10.89	101.48	0.00	1.31	103.	91.33	0.00	0.013	81.18	0.00	1.04	0.011
1697	10.89	10.89	103.18	0.00	1.33	105.	92.86	0.00	0.013	82.54	0.00	1.06	0.012



1698	10.89	10.89	104.84	0.00	1.35	107.	94.35	0.00	0.013	83.87	0.00	1.08	0.012
1699	10.89	10.89	98.04	0.00	1.26	100.	88.24	0.00	0.012	78.44	0.00	1.01	0.011
1700	10.89	10.89	90.83	0.00	1.17	93.	81.75	0.00	0.011	72.67	0.00	0.93	0.010
1701	10.89	10.89	82.83	0.00	1.07	84.	74.54	0.00	0.010	66.26	0.00	0.85	0.009
1702	10.89	10.89	66.30	0.00	0.85	68.	59.67	0.00	0.008	53.04	0.00	0.68	0.007
1703	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
1704	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
1705	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1706	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
1707	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
1708	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1709	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
1710	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
1711	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1712	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
1713	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
1714	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1715	10.89	10.89	6.80	0.00	0.09	7.	6.12	0.00	0.001	5.44	0.00	0.07	0.001
1716	10.89	10.89	20.09	0.00	0.26	20.	18.08	0.00	0.003	16.07	0.00	0.21	0.002
1717	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1718	10.89	10.89	29.16	0.00	0.38	30.	26.25	0.00	0.004	23.33	0.00	0.30	0.003
1719	10.89	10.89	32.25	0.00	0.41	33.	29.02	0.00	0.004	25.80	0.00	0.33	0.004
1720	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
1721	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
1722	10.89	10.89	87.94	0.00	1.13	90.	79.15	0.00	0.011	70.35	0.00	0.90	0.010
1723	10.89	10.89	97.47	0.00	1.25	99.	87.72	0.00	0.012	77.97	0.00	1.00	0.011
1724	10.89	10.89	98.57	0.00	1.27	101.	88.71	0.00	0.012	78.86	0.00	1.01	0.011
1725	10.89	10.89	100.01	0.00	1.29	102.	90.01	0.00	0.013	80.01	0.00	1.03	0.011
1726	10.89	10.89	101.20	0.00	1.30	103.	91.08	0.00	0.013	80.96	0.00	1.04	0.011
1727	10.89	10.89	93.98	0.00	1.21	96.	84.58	0.00	0.012	75.18	0.00	0.97	0.011
1728	10.89	10.89	86.57	0.00	1.11	88.	77.91	0.00	0.011	69.26	0.00	0.89	0.010
1729	10.89	10.89	78.26	0.00	1.01	80.	70.43	0.00	0.010	62.61	0.00	0.81	0.009
1730	10.89	10.89	61.52	0.00	0.79	63.	55.37	0.00	0.008	49.22	0.00	0.63	0.007
1731	10.89	10.89	32.02	0.00	0.41	33.	28.81	0.00	0.004	25.61	0.00	0.33	0.004
1732	10.89	10.89	31.40	0.00	0.40	32.	28.26	0.00	0.004	25.12	0.00	0.32	0.004
1733	10.89	10.89	31.40	0.00	0.40	32.	28.26	0.00	0.004	25.12	0.00	0.32	0.004
1734	10.89	10.89	31.40	0.00	0.40	32.	28.26	0.00	0.004	25.12	0.00	0.32	0.004
1735	10.89	10.89	29.16	0.00	0.38	30.	26.25	0.00	0.004	23.33	0.00	0.30	0.003
1736	10.89	10.89	32.02	0.00	0.41	33.	28.81	0.00	0.004	25.61	0.00	0.33	0.004
1737	10.89	10.89	32.25	0.00	0.41	33.	29.02	0.00	0.004	25.80	0.00	0.33	0.004
1738	10.89	10.89	45.14	0.00	0.58	46.	40.63	0.00	0.006	36.12	0.00	0.46	0.005
1739	10.89	10.89	49.61	0.00	0.64	51.	44.65	0.00	0.006	39.69	0.00	0.51	0.006
1740	10.89	10.89	45.14	0.00	0.58	46.	40.63	0.00	0.006	36.12	0.00	0.46	0.005
1741	10.89	10.89	49.61	0.00	0.64	51.	44.65	0.00	0.006	39.69	0.00	0.51	0.006
1742	10.89	10.89	28.16	0.00	0.36	29.	25.34	0.00	0.004	22.53	0.00	0.29	0.003
1743	10.89	10.89	22.15	0.00	0.28	23.	19.93	0.00	0.003	17.72	0.00	0.23	0.002
1744	10.89	10.89	15.70	0.00	0.20	16.	14.13	0.00	0.002	12.56	0.00	0.16	0.002
1745	10.89	10.89	15.70	0.00	0.20	16.	14.13	0.00	0.002	12.56	0.00	0.16	0.002
1746	10.89	10.89	22.15	0.00	0.28	23.	19.93	0.00	0.003	17.72	0.00	0.23	0.002
1747	10.89	10.89	28.16	0.00	0.36	29.	25.34	0.00	0.004	22.53	0.00	0.29	0.003
1748	10.89	10.89	17.29	0.00	0.22	18.	15.56	0.00	0.002	13.84	0.00	0.18	0.002
1749	10.89	10.89	17.29	0.00	0.22	18.	15.56	0.00	0.002	13.84	0.00	0.18	0.002
1750	10.89	10.89	17.29	0.00	0.22	18.	15.56	0.00	0.002	13.84	0.00	0.18	0.002
1751	10.89	10.89	43.34	0.00	0.56	44.	39.00	0.00	0.005	34.67	0.00	0.45	0.005
1752	10.89	10.89	43.34	0.00	0.56	44.	39.00	0.00	0.005	34.67	0.00	0.45	0.005
1753	10.89	10.89	18.18	0.00	0.23	19.	16.36	0.00	0.002	14.54	0.00	0.19	0.002
1754	10.89	10.89	18.18	0.00	0.23	19.	16.36	0.00	0.002	14.54	0.00	0.19	0.002
1755	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
1756	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
1757	10.89	10.89	87.94	0.00	1.13	90.	79.15	0.00	0.011	70.35	0.00	0.90	0.010
1758	10.89	10.89	97.47	0.00	1.25	99.	87.72	0.00	0.012	77.97	0.00	1.00	0.011
1759	10.89	10.89	98.57	0.00	1.27	101.	88.71	0.00	0.012	78.86	0.00	1.01	0.011
1760	10.89	10.89	100.01	0.00	1.29	102.	90.01	0.00	0.013	80.01	0.00	1.03	0.011
1761	10.89	10.89	101.20	0.00	1.30	103.	91.08	0.00	0.013	80.96	0.00	1.04	0.011
1762	10.89	10.89	93.98	0.00	1.21	96.	84.58	0.00	0.012	75.18	0.00	0.97	0.011
1763	10.89	10.89	86.57	0.00	1.11	88.	77.91	0.00	0.011	69.26	0.00	0.89	0.010
1764	10.89	10.89	78.26	0.00	1.01	80.	70.43	0.00	0.010	62.61	0.00	0.81	0.009
1765	10.89	10.89	61.52	0.00	0.79	63.	55.37	0.00	0.008	49.22	0.00	0.63	0.007
1766	10.89	10.89	47.54	0.00	0.61	48.	42.79	0.00	0.006	38.03	0.00	0.49	0.005
1767	10.89	10.89	47.54	0.00	0.61	48.	42.79	0.00	0.006	38.03	0.00	0.49	0.005
1768	10.89	10.89	47.54	0.00	0.61	48.	42.79	0.00	0.006	38.03	0.00	0.49	0.005
1769	10.89	10.89	47.54	0.00	0.61	48.	42.79	0.00	0.006	38.03	0.00	0.49	0.005
1770	10.89	10.89	47.54	0.00	0.61	48.	42.79	0.00	0.006	38.03	0.00	0.49	0.005
1771	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
1772	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
1773	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
1774	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
1775	10.89	10.89	68.55	0.00	0.88	70.	61.70	0.00	0.009	54.84	0.00	0.71	0.008
1776	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
1777	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
1778	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
1779	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
1780	10.89	10.89	78.29	0.00	1.01	80.	70.46	0.00	0.010	62.63	0.00	0.81	0.009
1781	10.89	10.89	87.94	0.00	1.13	90.	79.15	0.00	0.011	70.35	0.00	0.90	0.010
1782	10.89	10.89	87.94	0.00	1.13	90.	79.15	0.00	0.011	70.35	0.00	0.90	0.010



Table with 12 columns and 45 rows of numerical data, likely representing structural analysis results for various load cases.

ARMATURA INFERIORE VERTICALE

Table with 12 columns and 26 rows, detailing reinforcement characteristics under different load combinations (COMBINAZIONE RARA, COMB. FREQUENTE, COMB. QUASI PERMANENTE).



27	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
28	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
29	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
30	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
31	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
32	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
33	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
34	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
35	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
36	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
37	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
38	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
39	15.25	15.25	0.44	0.00	0.00	0.	0.40	0.00	0.000	0.35	0.00	0.00	0.000
40	15.25	15.25	3.10	0.00	0.03	2.	2.79	0.00	0.000	2.48	0.00	0.03	0.000
41	15.25	15.25	3.69	0.00	0.04	3.	3.33	0.00	0.000	2.96	0.00	0.03	0.000
42	15.25	15.25	4.26	0.00	0.05	3.	3.83	0.00	0.000	3.41	0.00	0.04	0.000
43	15.25	15.25	4.82	0.00	0.05	4.	4.33	0.00	0.000	3.85	0.00	0.04	0.000
44	15.25	15.25	5.27	0.00	0.06	4.	4.75	0.00	0.000	4.22	0.00	0.05	0.000
45	15.25	15.25	5.65	0.00	0.06	4.	5.08	0.00	0.000	4.52	0.00	0.05	0.000
46	15.25	15.25	5.95	0.00	0.06	4.	5.36	0.00	0.000	4.76	0.00	0.05	0.000
47	15.25	15.25	6.12	0.00	0.07	4.	5.51	0.00	0.000	4.89	0.00	0.05	0.000
48	15.25	15.25	6.18	0.00	0.07	5.	5.57	0.00	0.000	4.95	0.00	0.05	0.000
49	15.25	15.25	6.23	0.00	0.07	5.	5.61	0.00	0.000	4.98	0.00	0.05	0.000
50	15.25	15.25	6.41	0.00	0.07	5.	5.77	0.00	0.000	5.13	0.00	0.06	0.000
51	15.25	15.25	6.58	0.00	0.07	5.	5.92	0.00	0.000	5.26	0.00	0.06	0.000
52	15.25	15.25	6.76	0.00	0.07	5.	6.09	0.00	0.000	5.41	0.00	0.06	0.000
53	15.25	15.25	6.94	0.00	0.08	5.	6.24	0.00	0.000	5.55	0.00	0.06	0.000
54	15.25	15.25	7.06	0.00	0.08	5.	6.35	0.00	0.000	5.65	0.00	0.06	0.000
55	15.25	15.25	7.16	0.00	0.08	5.	6.45	0.00	0.000	5.73	0.00	0.06	0.000
56	15.25	15.25	7.19	0.00	0.08	5.	6.47	0.00	0.000	5.75	0.00	0.06	0.000
57	15.25	15.25	7.14	0.00	0.08	5.	6.42	0.00	0.000	5.71	0.00	0.06	0.000
58	15.25	15.25	7.07	0.00	0.08	5.	6.37	0.00	0.000	5.66	0.00	0.06	0.000
59	15.25	15.25	6.96	0.00	0.08	5.	6.26	0.00	0.000	5.57	0.00	0.06	0.000
60	15.25	15.25	6.77	0.00	0.07	5.	6.09	0.00	0.000	5.42	0.00	0.06	0.000
61	15.25	15.25	8.45	0.00	0.09	6.	7.61	0.00	0.001	6.76	0.00	0.07	0.000
62	15.25	15.25	8.71	0.00	0.09	6.	7.84	0.00	0.001	6.97	0.00	0.08	0.000
63	15.25	15.25	8.92	0.00	0.10	7.	8.03	0.00	0.001	7.14	0.00	0.08	0.001
64	15.25	15.25	8.89	0.00	0.10	7.	8.00	0.00	0.001	7.11	0.00	0.08	0.001
65	15.25	15.25	8.93	0.00	0.10	7.	8.04	0.00	0.001	7.15	0.00	0.08	0.001
66	15.25	15.25	8.88	0.00	0.10	7.	7.99	0.00	0.001	7.10	0.00	0.08	0.001
67	15.25	15.25	8.60	0.00	0.09	6.	7.74	0.00	0.001	6.88	0.00	0.07	0.000
68	15.25	15.25	8.35	0.00	0.09	6.	7.51	0.00	0.001	6.68	0.00	0.07	0.000
69	15.25	15.25	8.04	0.00	0.09	6.	7.24	0.00	0.001	6.44	0.00	0.07	0.000
70	15.25	15.25	7.64	0.00	0.08	6.	6.88	0.00	0.000	6.11	0.00	0.07	0.000
71	15.25	15.25	7.32	0.00	0.08	5.	6.59	0.00	0.000	5.86	0.00	0.06	0.000
72	15.25	15.25	7.01	0.00	0.08	5.	6.31	0.00	0.000	5.61	0.00	0.06	0.000
73	15.25	15.25	6.65	0.00	0.07	5.	5.98	0.00	0.000	5.32	0.00	0.06	0.000
74	15.25	15.25	6.34	0.00	0.07	5.	5.71	0.00	0.000	5.07	0.00	0.06	0.000
75	15.25	15.25	6.09	0.00	0.07	4.	5.48	0.00	0.000	4.87	0.00	0.05	0.000
76	15.25	15.25	5.60	0.00	0.06	4.	5.04	0.00	0.000	4.48	0.00	0.05	0.000
77	15.25	15.25	5.01	0.00	0.05	4.	4.51	0.00	0.000	4.00	0.00	0.04	0.000
78	15.25	15.25	4.41	0.00	0.05	3.	3.97	0.00	0.000	3.53	0.00	0.04	0.000
79	15.25	15.25	3.62	0.00	0.04	3.	3.26	0.00	0.000	2.89	0.00	0.03	0.000
80	15.25	15.25	2.80	0.00	0.03	2.	2.52	0.00	0.000	2.24	0.00	0.02	0.000
81	15.25	15.25	2.06	0.00	0.02	2.	1.86	0.00	0.000	1.65	0.00	0.02	0.000
82	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
83	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
84	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
85	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
86	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
87	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
88	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
89	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
90	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
91	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
92	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
93	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
94	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
95	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
96	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
97	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
98	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
99	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
100	15.25	15.25	2.04	0.00	0.02	1.	1.83	0.00	0.000	1.63	0.00	0.02	0.000
101	15.25	15.25	2.78	0.00	0.03	2.	2.50	0.00	0.000	2.22	0.00	0.02	0.000
102	15.25	15.25	3.60	0.00	0.04	3.	3.24	0.00	0.000	2.88	0.00	0.03	0.000
103	15.25	15.25	4.41	0.00	0.05	3.	3.97	0.00	0.000	3.53	0.00	0.04	0.000
104	15.25	15.25	5.01	0.00	0.05	4.	4.51	0.00	0.000	4.00	0.00	0.04	0.000
105	15.25	15.25	5.60	0.00	0.06	4.	5.04	0.00	0.000	4.48	0.00	0.05	0.000
106	15.25	15.25	6.09	0.00	0.07	4.	5.48	0.00	0.000	4.87	0.00	0.05	0.000
107	15.25	15.25	6.34	0.00	0.07	5.	5.71	0.00	0.000	5.07	0.00	0.06	0.000
108	15.25	15.25	6.65	0.00	0.07	5.	5.98	0.00	0.000	5.32	0.00	0.06	0.000
109	15.25	15.25	7.01	0.00	0.08	5.	6.31	0.00	0.000	5.61	0.00	0.06	0.000
110	15.25	15.25	7.32	0.00	0.08	5.	6.59	0.00	0.000	5.86	0.00	0.06	0.000
111	15.25	15.25	7.64	0.00	0.08	6.	6.88	0.00	0.000	6.11	0.00	0.07	0.000



112	15.25	15.25	8.04	0.00	0.09	6.	7.24	0.00	0.001	6.44	0.00	0.07	0.000
113	15.25	15.25	8.35	0.00	0.09	6.	7.51	0.00	0.001	6.68	0.00	0.07	0.000
114	15.25	15.25	8.60	0.00	0.09	6.	7.74	0.00	0.001	6.88	0.00	0.07	0.000
115	15.25	15.25	8.88	0.00	0.10	7.	7.99	0.00	0.001	7.10	0.00	0.08	0.001
116	15.25	15.25	8.93	0.00	0.10	7.	8.04	0.00	0.001	7.15	0.00	0.08	0.001
117	15.25	15.25	8.89	0.00	0.10	7.	8.00	0.00	0.001	7.11	0.00	0.08	0.001
118	15.25	15.25	8.92	0.00	0.10	7.	8.03	0.00	0.001	7.14	0.00	0.08	0.001
119	15.25	15.25	8.71	0.00	0.09	6.	7.84	0.00	0.001	6.97	0.00	0.08	0.000
120	15.25	15.25	8.45	0.00	0.09	6.	7.61	0.00	0.001	6.76	0.00	0.07	0.000
121	15.25	15.25	3.00	0.00	0.03	2.	2.70	0.00	0.000	2.40	0.00	0.03	0.000
122	15.25	15.25	2.67	0.00	0.03	2.	2.40	0.00	0.000	2.14	0.00	0.02	0.000
123	15.25	15.25	2.30	0.00	0.03	2.	2.07	0.00	0.000	1.84	0.00	0.02	0.000
124	15.25	15.25	1.70	0.00	0.02	1.	1.53	0.00	0.000	1.36	0.00	0.01	0.000
125	15.25	15.25	1.25	0.00	0.01	1.	1.13	0.00	0.000	1.00	0.00	0.01	0.000
126	15.25	15.25	1.00	0.00	0.01	1.	0.90	0.00	0.000	0.80	0.00	0.01	0.000
127	15.25	15.25	1.69	0.00	0.02	1.	1.52	0.00	0.000	1.35	0.00	0.01	0.000
128	15.25	15.25	2.26	0.00	0.02	2.	2.04	0.00	0.000	1.81	0.00	0.02	0.000
129	15.25	15.25	2.89	0.00	0.03	2.	2.60	0.00	0.000	2.31	0.00	0.03	0.000
130	15.25	15.25	3.42	0.00	0.04	3.	3.08	0.00	0.000	2.74	0.00	0.03	0.000
131	15.25	15.25	3.76	0.00	0.04	3.	3.39	0.00	0.000	3.01	0.00	0.03	0.000
132	15.25	15.25	4.05	0.00	0.04	3.	3.65	0.00	0.000	3.24	0.00	0.04	0.000
133	15.25	15.25	4.33	0.00	0.05	3.	3.89	0.00	0.000	3.46	0.00	0.04	0.000
134	15.25	15.25	4.58	0.00	0.05	3.	4.12	0.00	0.000	3.66	0.00	0.04	0.000
135	15.25	15.25	4.94	0.00	0.05	4.	4.45	0.00	0.000	3.95	0.00	0.04	0.000
136	15.25	15.25	5.21	0.00	0.06	4.	4.87	0.00	0.000	4.33	0.00	0.05	0.000
137	15.25	15.25	5.74	0.00	0.06	4.	5.17	0.00	0.000	4.60	0.00	0.05	0.000
138	15.25	15.25	6.08	0.00	0.07	4.	5.47	0.00	0.000	4.86	0.00	0.05	0.000
139	15.25	15.25	6.44	0.00	0.07	5.	5.80	0.00	0.000	5.15	0.00	0.06	0.000
140	15.25	15.25	6.56	0.00	0.07	5.	5.90	0.00	0.000	5.24	0.00	0.06	0.000
141	15.25	15.25	6.49	0.00	0.07	5.	5.84	0.00	0.000	5.19	0.00	0.06	0.000
142	15.25	15.25	6.39	0.00	0.07	5.	5.75	0.00	0.000	5.11	0.00	0.06	0.000
143	15.25	15.25	2.89	0.00	0.03	2.	2.60	0.00	0.000	2.31	0.00	0.03	0.000
144	15.25	15.25	1.68	0.00	0.02	1.	1.51	0.00	0.000	1.34	0.00	0.01	0.000
145	15.25	15.25	1.05	0.00	0.01	1.	0.94	0.00	0.000	0.84	0.00	0.01	0.000
146	15.25	15.25	0.52	0.00	0.01	0.	0.47	0.00	0.000	0.41	0.00	0.00	0.000
147	15.25	15.25	0.21	0.00	0.00	0.	0.19	0.00	0.000	0.17	0.00	0.00	0.000
148	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
149	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
150	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
151	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
152	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
153	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
154	15.25	15.25	0.20	0.00	0.00	0.	0.18	0.00	0.000	0.16	0.00	0.00	0.000
155	15.25	15.25	0.51	0.00	0.01	0.	0.46	0.00	0.000	0.41	0.00	0.00	0.000
156	15.25	15.25	1.03	0.00	0.01	1.	0.93	0.00	0.000	0.83	0.00	0.01	0.000
157	15.25	15.25	1.66	0.00	0.02	1.	1.49	0.00	0.000	1.33	0.00	0.01	0.000
158	15.25	15.25	2.86	0.00	0.03	2.	2.57	0.00	0.000	2.29	0.00	0.02	0.000
159	15.25	15.25	6.35	0.00	0.07	5.	5.72	0.00	0.000	5.08	0.00	0.06	0.000
160	15.25	15.25	6.46	0.00	0.07	5.	5.81	0.00	0.000	5.17	0.00	0.06	0.000
161	15.25	15.25	6.52	0.00	0.07	5.	5.87	0.00	0.000	5.22	0.00	0.06	0.000
162	15.25	15.25	6.42	0.00	0.07	5.	5.78	0.00	0.000	5.14	0.00	0.06	0.000
163	15.25	15.25	6.08	0.00	0.07	4.	5.47	0.00	0.000	4.86	0.00	0.05	0.000
164	15.25	15.25	5.74	0.00	0.06	4.	5.17	0.00	0.000	4.60	0.00	0.05	0.000
165	15.25	15.25	5.41	0.00	0.06	4.	4.87	0.00	0.000	4.33	0.00	0.05	0.000
166	15.25	15.25	4.94	0.00	0.05	4.	4.45	0.00	0.000	3.95	0.00	0.04	0.000
167	15.25	15.25	4.58	0.00	0.05	3.	4.12	0.00	0.000	3.66	0.00	0.04	0.000
168	15.25	15.25	4.33	0.00	0.05	3.	3.89	0.00	0.000	3.46	0.00	0.04	0.000
169	15.25	15.25	4.05	0.00	0.04	3.	3.65	0.00	0.000	3.24	0.00	0.04	0.000
170	15.25	15.25	3.76	0.00	0.04	3.	3.39	0.00	0.000	3.01	0.00	0.03	0.000
171	15.25	15.25	3.42	0.00	0.04	3.	3.08	0.00	0.000	2.74	0.00	0.03	0.000
172	15.25	15.25	2.89	0.00	0.03	2.	2.60	0.00	0.000	2.31	0.00	0.03	0.000
173	15.25	15.25	2.26	0.00	0.02	2.	2.04	0.00	0.000	1.81	0.00	0.02	0.000
174	15.25	15.25	1.69	0.00	0.02	1.	1.52	0.00	0.000	1.35	0.00	0.01	0.000
175	15.25	15.25	1.00	0.00	0.01	1.	0.90	0.00	0.000	0.80	0.00	0.01	0.000
176	15.25	15.25	1.25	0.00	0.01	1.	1.13	0.00	0.000	1.00	0.00	0.01	0.000
177	15.25	15.25	1.70	0.00	0.02	1.	1.53	0.00	0.000	1.36	0.00	0.01	0.000
178	15.25	15.25	2.30	0.00	0.03	2.	2.07	0.00	0.000	1.84	0.00	0.02	0.000
179	15.25	15.25	2.67	0.00	0.03	2.	2.40	0.00	0.000	2.14	0.00	0.02	0.000
180	15.25	15.25	3.00	0.00	0.03	2.	2.70	0.00	0.000	2.40	0.00	0.03	0.000
181	15.25	15.25	2.65	0.00	0.03	2.	2.38	0.00	0.000	2.12	0.00	0.02	0.000
182	15.25	15.25	2.33	0.00	0.03	2.	2.10	0.00	0.000	1.86	0.00	0.02	0.000
183	15.25	15.25	1.93	0.00	0.02	1.	1.74	0.00	0.000	1.54	0.00	0.02	0.000
184	15.25	15.25	1.49	0.00	0.02	1.	1.34	0.00	0.000	1.19	0.00	0.01	0.000
185	15.25	15.25	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.14	0.00	0.01	0.000
186	15.25	15.25	1.94	0.00	0.02	1.	1.74	0.00	0.000	1.55	0.00	0.02	0.000
187	15.25	15.25	2.45	0.00	0.03	2.	2.21	0.00	0.000	1.96	0.00	0.02	0.000
188	15.25	15.25	2.91	0.00	0.03	2.	2.62	0.00	0.000	2.32	0.00	0.03	0.000
189	15.25	15.25	3.33	0.00	0.04	2.	2.99	0.00	0.000	2.66	0.00	0.03	0.000
190	15.25	15.25	3.70	0.00	0.04	3.	3.33	0.00	0.000	2.96	0.00	0.03	0.000
191	15.25	15.25	3.96	0.00	0.04	3.	3.56	0.00	0.000	3.16	0.00	0.03	0.000
192	15.25	15.25	4.13	0.00	0.04	3.	3.72	0.00	0.000	3.30	0.00	0.04	0.000
193	15.25	15.25	4.40	0.00	0.05	3.	3.96	0.00	0.000	3.52	0.00	0.04	0.000
194	15.25	15.25	4.63	0.00	0.05	3.	4.17	0.00	0.000	3.71	0.00	0.04	0.000
195	15.25	15.25	4.86	0.00	0.05	4.	4.37	0.00	0.000	3.89	0.00	0.04	0.000
196	15.25	15.25	5.11	0.00	0.06	4.	4.60	0.00	0.000	4.08	0.00	0.04	0.000



197	15.25	15.25	5.31	0.00	0.06	4.	4.78	0.00	0.000	4.25	0.00	0.05	0.000
198	15.25	15.25	5.45	0.00	0.06	4.	4.91	0.00	0.000	4.36	0.00	0.05	0.000
199	15.25	15.25	5.55	0.00	0.06	4.	5.00	0.00	0.000	4.44	0.00	0.05	0.000
200	15.25	15.25	5.54	0.00	0.06	4.	4.99	0.00	0.000	4.44	0.00	0.05	0.000
201	15.25	15.25	5.38	0.00	0.06	4.	4.84	0.00	0.000	4.30	0.00	0.05	0.000
202	15.25	15.25	4.64	0.00	0.05	3.	4.18	0.00	0.000	3.71	0.00	0.04	0.000
203	15.25	15.25	1.81	0.00	0.02	1.	1.63	0.00	0.000	1.45	0.00	0.02	0.000
204	15.25	15.25	0.80	0.00	0.01	1.	0.72	0.00	0.000	0.64	0.00	0.01	0.000
205	15.25	15.25	0.23	0.00	0.00	0.	0.21	0.00	0.000	0.19	0.00	0.00	0.000
206	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
207	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
208	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
209	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
210	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
211	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
212	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
213	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
214	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
215	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
216	15.25	15.25	0.23	0.00	0.00	0.	0.20	0.00	0.000	0.18	0.00	0.00	0.000
217	15.25	15.25	0.79	0.00	0.01	1.	0.71	0.00	0.000	0.64	0.00	0.01	0.000
218	15.25	15.25	1.79	0.00	0.02	1.	1.61	0.00	0.000	1.43	0.00	0.02	0.000
219	15.25	15.25	4.60	0.00	0.05	3.	4.14	0.00	0.000	3.68	0.00	0.04	0.000
220	15.25	15.25	5.36	0.00	0.06	4.	4.82	0.00	0.000	4.29	0.00	0.05	0.000
221	15.25	15.25	5.52	0.00	0.06	4.	4.97	0.00	0.000	4.42	0.00	0.05	0.000
222	15.25	15.25	5.54	0.00	0.06	4.	4.99	0.00	0.000	4.43	0.00	0.05	0.000
223	15.25	15.25	5.45	0.00	0.06	4.	4.91	0.00	0.000	4.36	0.00	0.05	0.000
224	15.25	15.25	5.31	0.00	0.06	4.	4.78	0.00	0.000	4.25	0.00	0.05	0.000
225	15.25	15.25	5.11	0.00	0.06	4.	4.60	0.00	0.000	4.08	0.00	0.04	0.000
226	15.25	15.25	4.86	0.00	0.05	4.	4.37	0.00	0.000	3.89	0.00	0.04	0.000
227	15.25	15.25	4.63	0.00	0.05	3.	4.17	0.00	0.000	3.71	0.00	0.04	0.000
228	15.25	15.25	4.40	0.00	0.05	3.	3.96	0.00	0.000	3.52	0.00	0.04	0.000
229	15.25	15.25	4.13	0.00	0.04	3.	3.72	0.00	0.000	3.30	0.00	0.04	0.000
230	15.25	15.25	3.96	0.00	0.04	3.	3.56	0.00	0.000	3.16	0.00	0.03	0.000
231	15.25	15.25	3.70	0.00	0.04	3.	3.33	0.00	0.000	2.96	0.00	0.03	0.000
232	15.25	15.25	3.33	0.00	0.04	2.	2.99	0.00	0.000	2.66	0.00	0.03	0.000
233	15.25	15.25	2.91	0.00	0.03	2.	2.62	0.00	0.000	2.32	0.00	0.03	0.000
234	15.25	15.25	2.45	0.00	0.03	2.	2.21	0.00	0.000	1.96	0.00	0.02	0.000
235	15.25	15.25	1.94	0.00	0.02	1.	1.74	0.00	0.000	1.55	0.00	0.02	0.000
236	15.25	15.25	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.14	0.00	0.01	0.000
237	15.25	15.25	1.49	0.00	0.02	1.	1.34	0.00	0.000	1.19	0.00	0.01	0.000
238	15.25	15.25	1.93	0.00	0.02	1.	1.74	0.00	0.000	1.54	0.00	0.02	0.000
239	15.25	15.25	2.33	0.00	0.03	2.	2.10	0.00	0.000	1.86	0.00	0.02	0.000
240	15.25	15.25	2.65	0.00	0.03	2.	2.38	0.00	0.000	2.12	0.00	0.02	0.000
241	15.25	15.25	21.08	0.00	0.23	15.	18.97	0.00	0.001	16.86	0.00	0.18	0.001
242	15.25	15.25	21.34	0.00	0.23	16.	19.20	0.00	0.001	17.07	0.00	0.19	0.001
243	15.25	15.25	21.58	0.00	0.24	16.	19.42	0.00	0.001	17.27	0.00	0.19	0.001
244	15.25	15.25	21.92	0.00	0.24	16.	19.73	0.00	0.001	17.53	0.00	0.19	0.001
245	15.25	15.25	21.91	0.00	0.24	16.	19.72	0.00	0.001	17.53	0.00	0.19	0.001
261	15.25	15.25	11.37	0.00	0.12	8.	10.23	0.00	0.001	9.09	0.00	0.10	0.001
262	15.25	15.25	9.31	0.00	0.10	7.	8.37	0.00	0.001	7.44	0.00	0.08	0.001
263	15.25	15.25	7.44	0.00	0.08	5.	6.69	0.00	0.000	5.95	0.00	0.06	0.000
264	15.25	15.25	6.32	0.00	0.07	5.	5.69	0.00	0.000	5.06	0.00	0.06	0.000
265	15.25	15.25	5.39	0.00	0.06	4.	4.85	0.00	0.000	4.31	0.00	0.05	0.000
266	15.25	15.25	4.60	0.00	0.05	3.	4.14	0.00	0.000	3.68	0.00	0.04	0.000
267	15.25	15.25	3.91	0.00	0.04	3.	3.52	0.00	0.000	3.13	0.00	0.03	0.000
268	15.25	15.25	3.38	0.00	0.04	2.	3.04	0.00	0.000	2.71	0.00	0.03	0.000
269	15.25	15.25	3.09	0.00	0.03	2.	2.78	0.00	0.000	2.47	0.00	0.03	0.000
270	15.25	15.25	2.77	0.00	0.03	2.	2.49	0.00	0.000	2.21	0.00	0.02	0.000
271	15.25	15.25	2.77	0.00	0.03	2.	2.49	0.00	0.000	2.21	0.00	0.02	0.000
272	15.25	15.25	3.09	0.00	0.03	2.	2.78	0.00	0.000	2.47	0.00	0.03	0.000
273	15.25	15.25	3.38	0.00	0.04	2.	3.04	0.00	0.000	2.71	0.00	0.03	0.000
274	15.25	15.25	3.91	0.00	0.04	3.	3.52	0.00	0.000	3.13	0.00	0.03	0.000
275	15.25	15.25	4.59	0.00	0.05	3.	4.13	0.00	0.000	3.67	0.00	0.04	0.000
276	15.25	15.25	5.36	0.00	0.06	4.	4.82	0.00	0.000	4.29	0.00	0.05	0.000
277	15.25	15.25	6.26	0.00	0.07	5.	5.64	0.00	0.000	5.01	0.00	0.05	0.000
278	15.25	15.25	7.25	0.00	0.08	5.	6.52	0.00	0.000	5.80	0.00	0.06	0.000
279	15.25	15.25	8.38	0.00	0.09	6.	7.55	0.00	0.001	6.71	0.00	0.07	0.000
298	15.25	15.25	19.46	0.00	0.21	14.	17.52	0.00	0.001	15.57	0.00	0.17	0.001
299	15.25	15.25	19.05	0.00	0.21	14.	17.15	0.00	0.001	15.24	0.00	0.17	0.001
300	15.25	15.25	18.61	0.00	0.20	14.	16.75	0.00	0.001	14.89	0.00	0.16	0.001
301	15.25	15.25	45.38	0.00	0.49	33.	40.84	0.00	0.003	36.30	0.00	0.40	0.003
302	15.25	15.25	46.98	0.00	0.51	34.	42.28	0.00	0.003	37.58	0.00	0.41	0.003
303	15.25	15.25	48.32	0.00	0.53	35.	43.49	0.00	0.003	38.66	0.00	0.42	0.003
304	15.25	15.25	49.41	0.00	0.54	36.	44.47	0.00	0.003	39.53	0.00	0.43	0.003
305	15.25	15.25	50.18	0.00	0.55	37.	45.16	0.00	0.003	40.15	0.00	0.44	0.003
308	15.25	15.25	50.52	0.00	0.55	37.	45.47	0.00	0.003	40.42	0.00	0.44	0.003
309	15.25	15.25	49.91	0.00	0.54	37.	44.92	0.00	0.003	39.93	0.00	0.43	0.003
310	15.25	15.25	49.07	0.00	0.53	36.	44.16	0.00	0.003	39.25	0.00	0.43	0.003
311	15.25	15.25	48.01	0.00	0.52	35.	43.21	0.00	0.003	38.41	0.00	0.42	0.003
312	15.25	15.25	46.85	0.00	0.51	34.	42.17	0.00	0.003	37.48	0.00	0.41	0.003
313	15.25	15.25	46.66	0.00	0.51	34.	41.99	0.00	0.003	37.33	0.00	0.41	0.003
314	15.25	15.25	46.24	0.00	0.50	34.	41.62	0.00	0.003	36.99	0.00	0.40	0.003
315	15.25	15.25	45.56	0.00	0.50	33.	41.00	0.00	0.003	36.44	0.00	0.40	0.003
316	15.25	15.25	44.59	0.00	0.49	33.	40.13	0.00	0.003	35.67	0.00	0.39	0.003



317	15.25	15.25	43.27	0.00	0.47	32.	38.94	0.00	0.003	34.61	0.00	0.38	0.002
318	15.25	15.25	41.59	0.00	0.45	31.	37.43	0.00	0.003	33.27	0.00	0.36	0.002
319	15.25	15.25	39.58	0.00	0.43	29.	35.62	0.00	0.003	31.66	0.00	0.34	0.002
321	15.25	15.25	34.81	0.00	0.38	26.	31.33	0.00	0.002	27.85	0.00	0.30	0.002
322	15.25	15.25	31.27	0.00	0.34	23.	28.14	0.00	0.002	25.01	0.00	0.27	0.002
323	15.25	15.25	27.60	0.00	0.30	20.	24.84	0.00	0.002	22.08	0.00	0.24	0.002
324	15.25	15.25	24.99	0.00	0.27	18.	22.49	0.00	0.002	20.00	0.00	0.22	0.001
325	15.25	15.25	22.65	0.00	0.25	17.	20.39	0.00	0.001	18.12	0.00	0.20	0.001
326	15.25	15.25	20.55	0.00	0.22	15.	18.49	0.00	0.001	16.44	0.00	0.18	0.001
327	15.25	15.25	18.70	0.00	0.20	14.	16.83	0.00	0.001	14.96	0.00	0.16	0.001
328	15.25	15.25	17.20	0.00	0.19	13.	15.48	0.00	0.001	13.76	0.00	0.15	0.001
329	15.25	15.25	16.14	0.00	0.18	12.	14.53	0.00	0.001	12.91	0.00	0.14	0.001
330	15.25	15.25	15.57	0.00	0.17	11.	14.01	0.00	0.001	12.45	0.00	0.14	0.001
331	15.25	15.25	15.57	0.00	0.17	11.	14.01	0.00	0.001	12.45	0.00	0.14	0.001
332	15.25	15.25	16.14	0.00	0.18	12.	14.53	0.00	0.001	12.91	0.00	0.14	0.001
333	15.25	15.25	17.20	0.00	0.19	13.	15.48	0.00	0.001	13.76	0.00	0.15	0.001
334	15.25	15.25	18.69	0.00	0.20	14.	16.82	0.00	0.001	14.95	0.00	0.16	0.001
335	15.25	15.25	20.51	0.00	0.22	15.	18.46	0.00	0.001	16.41	0.00	0.18	0.001
336	15.25	15.25	22.56	0.00	0.25	17.	20.30	0.00	0.001	18.05	0.00	0.20	0.001
337	15.25	15.25	24.79	0.00	0.27	18.	22.31	0.00	0.002	19.83	0.00	0.22	0.001
338	15.25	15.25	27.14	0.00	0.30	20.	24.42	0.00	0.002	21.71	0.00	0.24	0.002
339	15.25	15.25	29.65	0.00	0.32	22.	26.69	0.00	0.002	23.72	0.00	0.26	0.002
358	15.25	15.25	46.90	0.00	0.51	34.	42.21	0.00	0.003	37.52	0.00	0.41	0.003
359	15.25	15.25	45.45	0.00	0.49	33.	40.90	0.00	0.003	36.36	0.00	0.40	0.003
360	15.25	15.25	43.72	0.00	0.48	32.	39.35	0.00	0.003	34.98	0.00	0.38	0.002
361	15.25	15.25	49.45	0.00	0.54	36.	44.51	0.00	0.003	39.56	0.00	0.43	0.003
362	15.25	15.25	51.61	0.00	0.56	38.	46.45	0.00	0.003	41.29	0.00	0.45	0.003
363	15.25	15.25	53.47	0.00	0.58	39.	48.12	0.00	0.003	42.77	0.00	0.47	0.003
364	15.25	15.25	55.02	0.00	0.60	40.	49.52	0.00	0.004	44.02	0.00	0.48	0.003
365	15.25	15.25	56.25	0.00	0.61	41.	50.63	0.00	0.004	45.00	0.00	0.49	0.003
366	15.25	15.25	57.05	0.00	0.62	42.	51.34	0.00	0.004	45.64	0.00	0.50	0.003
367	15.25	15.25	57.61	0.00	0.63	42.	51.85	0.00	0.004	46.08	0.00	0.50	0.003
368	15.25	15.25	57.76	0.00	0.63	42.	51.99	0.00	0.004	46.21	0.00	0.50	0.003
369	15.25	15.25	57.44	0.00	0.63	42.	51.70	0.00	0.004	45.96	0.00	0.50	0.003
370	15.25	15.25	56.78	0.00	0.62	42.	51.10	0.00	0.004	45.43	0.00	0.49	0.003
371	15.25	15.25	55.84	0.00	0.61	41.	50.25	0.00	0.004	44.67	0.00	0.49	0.003
372	15.25	15.25	54.70	0.00	0.60	40.	49.23	0.00	0.003	43.76	0.00	0.48	0.003
373	15.25	15.25	54.76	0.00	0.60	40.	49.28	0.00	0.003	43.81	0.00	0.48	0.003
374	15.25	15.25	54.60	0.00	0.59	40.	49.14	0.00	0.003	43.68	0.00	0.48	0.003
375	15.25	15.25	54.12	0.00	0.59	40.	48.71	0.00	0.003	43.30	0.00	0.47	0.003
376	15.25	15.25	53.31	0.00	0.58	39.	47.98	0.00	0.003	42.65	0.00	0.46	0.003
377	15.25	15.25	52.14	0.00	0.57	38.	46.93	0.00	0.003	41.71	0.00	0.45	0.003
378	15.25	15.25	50.56	0.00	0.55	37.	45.51	0.00	0.003	40.45	0.00	0.44	0.003
379	15.25	15.25	48.54	0.00	0.53	36.	43.68	0.00	0.003	38.83	0.00	0.42	0.003
381	15.25	15.25	43.54	0.00	0.47	32.	39.18	0.00	0.003	34.83	0.00	0.38	0.002
382	15.25	15.25	40.69	0.00	0.44	30.	36.62	0.00	0.003	32.55	0.00	0.35	0.002
383	15.25	15.25	35.24	0.00	0.38	26.	31.72	0.00	0.002	28.19	0.00	0.31	0.002
384	15.25	15.25	31.72	0.00	0.35	23.	28.55	0.00	0.002	25.38	0.00	0.28	0.002
385	15.25	15.25	28.82	0.00	0.31	21.	25.94	0.00	0.002	23.05	0.00	0.25	0.002
386	15.25	15.25	26.28	0.00	0.29	19.	23.65	0.00	0.002	21.02	0.00	0.23	0.001
387	15.25	15.25	24.08	0.00	0.26	18.	21.67	0.00	0.002	19.27	0.00	0.21	0.001
388	15.25	15.25	22.30	0.00	0.24	16.	20.07	0.00	0.001	17.84	0.00	0.19	0.001
389	15.25	15.25	21.09	0.00	0.23	15.	18.98	0.00	0.001	16.87	0.00	0.18	0.001
390	15.25	15.25	20.44	0.00	0.22	15.	18.39	0.00	0.001	16.35	0.00	0.18	0.001
391	15.25	15.25	20.44	0.00	0.22	15.	18.39	0.00	0.001	16.35	0.00	0.18	0.001
392	15.25	15.25	21.09	0.00	0.23	15.	18.98	0.00	0.001	16.87	0.00	0.18	0.001
393	15.25	15.25	22.30	0.00	0.24	16.	20.07	0.00	0.001	17.84	0.00	0.19	0.001
394	15.25	15.25	24.01	0.00	0.26	18.	21.61	0.00	0.002	19.21	0.00	0.21	0.001
395	15.25	15.25	26.09	0.00	0.28	19.	23.48	0.00	0.002	20.87	0.00	0.23	0.001
396	15.25	15.25	28.44	0.00	0.31	21.	25.60	0.00	0.002	22.75	0.00	0.25	0.002
397	15.25	15.25	31.00	0.00	0.34	23.	27.90	0.00	0.002	24.80	0.00	0.27	0.002
398	15.25	15.25	33.70	0.00	0.37	25.	30.33	0.00	0.002	26.96	0.00	0.29	0.002
399	15.25	15.25	36.82	0.00	0.40	27.	33.13	0.00	0.002	29.45	0.00	0.32	0.002
418	15.25	15.25	53.43	0.00	0.58	39.	48.08	0.00	0.003	42.74	0.00	0.47	0.003
419	15.25	15.25	51.57	0.00	0.56	38.	46.41	0.00	0.003	41.26	0.00	0.45	0.003
420	15.25	15.25	49.41	0.00	0.54	36.	44.47	0.00	0.003	39.53	0.00	0.43	0.003
421	15.25	15.25	41.33	0.00	0.45	30.	37.19	0.00	0.003	33.06	0.00	0.36	0.002
422	15.25	15.25	42.34	0.00	0.46	31.	38.11	0.00	0.003	33.87	0.00	0.37	0.002
423	15.25	15.25	43.09	0.00	0.47	32.	38.78	0.00	0.003	34.48	0.00	0.38	0.002
424	15.25	15.25	43.61	0.00	0.47	32.	39.24	0.00	0.003	34.88	0.00	0.38	0.002
425	15.25	15.25	44.08	0.00	0.48	32.	39.68	0.00	0.003	35.27	0.00	0.38	0.002
426	15.25	15.25	45.08	0.00	0.49	33.	40.57	0.00	0.003	36.06	0.00	0.39	0.003
427	15.25	15.25	45.93	0.00	0.50	34.	41.34	0.00	0.003	36.75	0.00	0.40	0.003
428	15.25	15.25	46.53	0.00	0.51	34.	41.88	0.00	0.003	37.23	0.00	0.41	0.003
429	15.25	15.25	46.67	0.00	0.51	34.	42.00	0.00	0.003	37.33	0.00	0.41	0.003
430	15.25	15.25	46.44	0.00	0.51	34.	41.80	0.00	0.003	37.15	0.00	0.40	0.003
431	15.25	15.25	45.94	0.00	0.50	34.	41.35	0.00	0.003	36.75	0.00	0.40	0.003
432	15.25	15.25	45.22	0.00	0.49	33.	40.70	0.00	0.003	36.18	0.00	0.39	0.003
433	15.25	15.25	45.53	0.00	0.50	33.	40.98	0.00	0.003	36.42	0.00	0.40	0.003
434	15.25	15.25	45.69	0.00	0.50	34.	41.12	0.00	0.003	36.55	0.00	0.40	0.003
435	15.25	15.25	45.61	0.00	0.50	33.	41.05	0.00	0.003	36.49	0.00	0.40	0.003
436	15.25	15.25	45.25	0.00	0.49	33.	40.72	0.00	0.003	36.20	0.00	0.39	0.003
437	15.25	15.25	44.59	0.00	0.49	33.	40.13	0.00	0.003	35.67	0.00	0.39	0.003
438	15.25	15.25	43.63	0.00	0.48	32.	39.26	0.00	0.003	34.90	0.00	0.38	0.002
439	15.25	15.25	42.26	0.00	0.46	31.	38.03	0.00	0.003	33.81	0.00	0.37	0.002



441	15.25	15.25	38.53	0.00	0.42	28.	34.68	0.00	0.002	30.82	0.00	0.34	0.002
442	15.25	15.25	36.25	0.00	0.39	27.	32.62	0.00	0.002	29.00	0.00	0.32	0.002
443	15.25	15.25	31.31	0.00	0.34	23.	28.18	0.00	0.002	25.05	0.00	0.27	0.002
444	15.25	15.25	27.58	0.00	0.30	20.	24.82	0.00	0.002	22.06	0.00	0.24	0.002
445	15.25	15.25	24.79	0.00	0.27	18.	22.31	0.00	0.002	19.83	0.00	0.22	0.001
446	15.25	15.25	22.48	0.00	0.24	16.	20.23	0.00	0.001	17.98	0.00	0.20	0.001
447	15.25	15.25	20.53	0.00	0.22	15.	18.47	0.00	0.001	16.42	0.00	0.18	0.001
448	15.25	15.25	18.96	0.00	0.21	14.	17.06	0.00	0.001	15.17	0.00	0.17	0.001
449	15.25	15.25	17.97	0.00	0.20	13.	16.17	0.00	0.001	14.37	0.00	0.16	0.001
450	15.25	15.25	17.43	0.00	0.19	13.	15.69	0.00	0.001	13.95	0.00	0.15	0.001
451	15.25	15.25	17.43	0.00	0.19	13.	15.69	0.00	0.001	13.95	0.00	0.15	0.001
452	15.25	15.25	17.97	0.00	0.20	13.	16.17	0.00	0.001	14.37	0.00	0.16	0.001
453	15.25	15.25	18.96	0.00	0.21	14.	17.06	0.00	0.001	15.17	0.00	0.17	0.001
454	15.25	15.25	20.36	0.00	0.22	15.	18.32	0.00	0.001	16.28	0.00	0.18	0.001
455	15.25	15.25	22.05	0.00	0.24	16.	19.85	0.00	0.001	17.64	0.00	0.19	0.001
456	15.25	15.25	23.97	0.00	0.26	18.	21.57	0.00	0.002	19.18	0.00	0.21	0.001
457	15.25	15.25	26.07	0.00	0.28	19.	23.47	0.00	0.002	20.86	0.00	0.23	0.001
458	15.25	15.25	28.31	0.00	0.31	21.	25.48	0.00	0.002	22.65	0.00	0.25	0.002
459	15.25	15.25	31.09	0.00	0.34	23.	27.98	0.00	0.002	24.87	0.00	0.27	0.002
478	15.25	15.25	42.39	0.00	0.46	31.	38.15	0.00	0.003	33.91	0.00	0.37	0.002
479	15.25	15.25	40.91	0.00	0.45	30.	36.82	0.00	0.003	32.73	0.00	0.36	0.002
480	15.25	15.25	39.78	0.00	0.43	29.	35.80	0.00	0.003	31.82	0.00	0.35	0.002
481	15.25	15.25	15.80	0.00	0.17	12.	14.22	0.00	0.001	12.64	0.00	0.14	0.001
482	15.25	15.25	15.43	0.00	0.17	11.	13.89	0.00	0.001	12.34	0.00	0.13	0.001
483	15.25	15.25	15.08	0.00	0.16	11.	13.57	0.00	0.001	12.06	0.00	0.13	0.001
484	15.25	15.25	14.87	0.00	0.16	11.	13.38	0.00	0.001	11.89	0.00	0.13	0.001
485	15.25	15.25	14.31	0.00	0.16	10.	12.88	0.00	0.001	11.45	0.00	0.12	0.001
501	15.25	15.25	17.26	0.00	0.19	13.	15.54	0.00	0.001	13.81	0.00	0.15	0.001
502	15.25	15.25	16.46	0.00	0.18	12.	14.82	0.00	0.001	13.17	0.00	0.14	0.001
503	15.25	15.25	13.84	0.00	0.15	10.	12.46	0.00	0.001	11.07	0.00	0.12	0.001
504	15.25	15.25	11.03	0.00	0.12	8.	9.93	0.00	0.001	8.83	0.00	0.10	0.001
505	15.25	15.25	9.43	0.00	0.10	7.	8.49	0.00	0.001	7.54	0.00	0.08	0.001
506	15.25	15.25	8.43	0.00	0.09	6.	7.59	0.00	0.001	6.74	0.00	0.07	0.000
507	15.25	15.25	7.67	0.00	0.08	6.	6.90	0.00	0.000	6.14	0.00	0.07	0.000
508	15.25	15.25	7.09	0.00	0.08	5.	6.38	0.00	0.000	5.67	0.00	0.06	0.000
509	15.25	15.25	6.93	0.00	0.08	5.	6.24	0.00	0.000	5.55	0.00	0.06	0.000
510	15.25	15.25	6.76	0.00	0.07	5.	6.09	0.00	0.000	5.41	0.00	0.06	0.000
511	15.25	15.25	6.76	0.00	0.07	5.	6.09	0.00	0.000	5.41	0.00	0.06	0.000
512	15.25	15.25	6.93	0.00	0.08	5.	6.24	0.00	0.000	5.55	0.00	0.06	0.000
513	15.25	15.25	7.09	0.00	0.08	5.	6.38	0.00	0.000	5.67	0.00	0.06	0.000
514	15.25	15.25	7.43	0.00	0.08	5.	6.69	0.00	0.000	5.94	0.00	0.06	0.000
515	15.25	15.25	7.86	0.00	0.09	6.	7.07	0.00	0.001	6.29	0.00	0.07	0.000
516	15.25	15.25	8.36	0.00	0.09	6.	7.52	0.00	0.001	6.69	0.00	0.07	0.000
517	15.25	15.25	9.00	0.00	0.10	7.	8.10	0.00	0.001	7.20	0.00	0.08	0.001
518	15.25	15.25	9.72	0.00	0.11	7.	8.74	0.00	0.001	7.77	0.00	0.08	0.001
519	15.25	15.25	11.70	0.00	0.13	9.	10.53	0.00	0.001	9.36	0.00	0.10	0.001
538	15.25	15.25	13.11	0.00	0.14	10.	11.80	0.00	0.001	10.49	0.00	0.11	0.001
539	15.25	15.25	13.31	0.00	0.14	10.	11.98	0.00	0.001	10.65	0.00	0.12	0.001
540	15.25	15.25	13.51	0.00	0.15	10.	12.16	0.00	0.001	10.80	0.00	0.12	0.001
1622	15.25	15.25	13.97	0.00	0.15	10.	12.58	0.00	0.001	11.18	0.00	0.12	0.001
1623	15.25	15.25	7.47	0.00	0.08	5.	6.72	0.00	0.000	5.98	0.00	0.07	0.000
1625	15.25	15.25	11.93	0.00	0.13	9.	10.74	0.00	0.001	9.55	0.00	0.10	0.001
1626	15.25	15.25	12.62	0.00	0.14	9.	11.35	0.00	0.001	10.09	0.00	0.11	0.001
1627	15.25	15.25	13.06	0.00	0.14	10.	11.75	0.00	0.001	10.45	0.00	0.11	0.001
1628	15.25	15.25	13.38	0.00	0.15	10.	12.04	0.00	0.001	10.70	0.00	0.12	0.001
1629	15.25	15.25	13.56	0.00	0.15	10.	12.21	0.00	0.001	10.85	0.00	0.12	0.001
1630	15.25	15.25	13.93	0.00	0.15	10.	12.54	0.00	0.001	11.14	0.00	0.12	0.001
1631	15.25	15.25	14.36	0.00	0.16	11.	12.92	0.00	0.001	11.48	0.00	0.13	0.001
1632	15.25	15.25	14.89	0.00	0.16	11.	13.40	0.00	0.001	11.91	0.00	0.13	0.001
1633	15.25	15.25	15.29	0.00	0.17	11.	13.76	0.00	0.001	12.23	0.00	0.13	0.001
1634	15.25	15.25	15.61	0.00	0.17	11.	14.05	0.00	0.001	12.49	0.00	0.14	0.001
1635	15.25	15.25	15.96	0.00	0.17	12.	14.37	0.00	0.001	12.77	0.00	0.14	0.001
1637	15.25	15.25	28.09	0.00	0.31	21.	25.28	0.00	0.002	22.47	0.00	0.24	0.002
1638	15.25	15.25	50.60	0.00	0.55	37.	45.54	0.00	0.003	40.48	0.00	0.44	0.003
1639	15.25	15.25	50.77	0.00	0.55	37.	45.70	0.00	0.003	40.62	0.00	0.44	0.003
1640	15.25	15.25	21.92	0.00	0.24	16.	19.73	0.00	0.001	17.54	0.00	0.19	0.001
1641	15.25	15.25	35.94	0.00	0.39	26.	32.35	0.00	0.002	28.75	0.00	0.31	0.002
1642	15.25	15.25	16.37	0.00	0.18	12.	14.73	0.00	0.001	13.09	0.00	0.14	0.001
1644	15.25	15.25	12.06	0.00	0.13	9.	10.86	0.00	0.001	9.65	0.00	0.11	0.001
1645	15.25	15.25	7.92	0.00	0.09	6.	7.12	0.00	0.001	6.33	0.00	0.07	0.000
1646	15.25	15.25	20.47	0.00	0.22	15.	18.43	0.00	0.001	16.38	0.00	0.18	0.001
1647	15.25	15.25	16.07	0.00	0.18	12.	14.46	0.00	0.001	12.86	0.00	0.14	0.001
1648	15.25	15.25	36.14	0.00	0.39	27.	32.53	0.00	0.002	28.91	0.00	0.31	0.002
1649	15.25	15.25	28.55	0.00	0.31	21.	25.70	0.00	0.002	22.84	0.00	0.25	0.002
1650	15.25	15.25	16.63	0.00	0.18	12.	14.96	0.00	0.001	13.30	0.00	0.14	0.001
1651	15.25	15.25	13.42	0.00	0.15	10.	12.08	0.00	0.001	10.74	0.00	0.12	0.001
1652	15.25	15.25	17.64	0.00	0.19	13.	15.88	0.00	0.001	14.11	0.00	0.15	0.001
1653	15.25	15.25	12.32	0.00	0.13	9.	11.09	0.00	0.001	9.86	0.00	0.11	0.001
1654	15.25	15.25	9.08	0.00	0.10	7.	8.17	0.00	0.001	7.26	0.00	0.08	0.001
1655	15.25	15.25	12.39	0.00	0.13	9.	11.15	0.00	0.001	9.91	0.00	0.11	0.001
1656	15.25	15.25	37.75	0.00	0.41	28.	33.98	0.00	0.002	30.20	0.00	0.33	0.002
1657	15.25	15.25	46.66	0.00	0.51	34.	41.99	0.00	0.003	37.33	0.00	0.41	0.003
1658	15.25	15.25	40.90	0.00	0.45	30.	36.81	0.00	0.003	32.72	0.00	0.36	0.002
1659	15.25	15.25	36.55	0.00	0.40	27.	32.90	0.00	0.002	29.24	0.00	0.32	0.002
1660	15.25	15.25	45.40	0.00	0.49	33.	40.86	0.00	0.003	36.32	0.00	0.40	0.003



1661	15.25	15.25	39.96	0.00	0.44	29.	35.97	0.00	0.003	31.97	0.00	0.35	0.002
1662	15.25	15.25	29.34	0.00	0.32	22.	26.41	0.00	0.002	23.47	0.00	0.26	0.002
1663	15.25	15.25	25.09	0.00	0.27	18.	22.58	0.00	0.002	20.07	0.00	0.22	0.001
1664	15.25	15.25	12.79	0.00	0.14	9.	11.51	0.00	0.001	10.23	0.00	0.11	0.001
1665	15.25	15.25	26.50	0.00	0.29	19.	23.85	0.00	0.002	21.20	0.00	0.23	0.001
1666	15.25	15.25	30.05	0.00	0.33	22.	27.05	0.00	0.002	24.04	0.00	0.26	0.002
1667	15.25	15.25	16.05	0.00	0.17	12.	14.44	0.00	0.001	12.84	0.00	0.14	0.001
1668	15.25	15.25	29.17	0.00	0.32	21.	26.26	0.00	0.002	23.34	0.00	0.25	0.002
1669	15.25	15.25	24.52	0.00	0.27	18.	22.07	0.00	0.002	19.61	0.00	0.21	0.001
1670	15.25	15.25	29.46	0.00	0.32	22.	26.51	0.00	0.002	23.56	0.00	0.26	0.002
1671	15.25	15.25	29.82	0.00	0.32	22.	26.84	0.00	0.002	23.86	0.00	0.26	0.002
1672	15.25	15.25	29.82	0.00	0.32	22.	26.84	0.00	0.002	23.86	0.00	0.26	0.002
1673	15.25	15.25	29.70	0.00	0.32	22.	26.73	0.00	0.002	23.76	0.00	0.26	0.002
1674	15.25	15.25	29.37	0.00	0.32	22.	26.43	0.00	0.002	23.49	0.00	0.26	0.002
1675	15.25	15.25	29.79	0.00	0.32	22.	26.81	0.00	0.002	23.83	0.00	0.26	0.002
1676	15.25	15.25	30.23	0.00	0.33	22.	27.21	0.00	0.002	24.18	0.00	0.26	0.002
1677	15.25	15.25	30.57	0.00	0.33	22.	27.52	0.00	0.002	24.46	0.00	0.27	0.002
1678	15.25	15.25	30.73	0.00	0.33	23.	27.66	0.00	0.002	24.58	0.00	0.27	0.002
1679	15.25	15.25	30.85	0.00	0.34	23.	27.77	0.00	0.002	24.68	0.00	0.27	0.002
1680	15.25	15.25	30.73	0.00	0.33	23.	27.66	0.00	0.002	24.58	0.00	0.27	0.002
1681	15.25	15.25	19.16	0.00	0.21	14.	17.25	0.00	0.001	15.33	0.00	0.17	0.001
1682	15.25	15.25	18.66	0.00	0.20	14.	16.79	0.00	0.001	14.93	0.00	0.16	0.001
1683	15.25	15.25	18.13	0.00	0.20	13.	16.32	0.00	0.001	14.50	0.00	0.16	0.001
1684	15.25	15.25	17.53	0.00	0.19	13.	15.78	0.00	0.001	14.03	0.00	0.15	0.001
1685	15.25	15.25	17.02	0.00	0.19	12.	15.31	0.00	0.001	13.61	0.00	0.15	0.001
1686	15.25	15.25	16.69	0.00	0.18	12.	15.02	0.00	0.001	13.35	0.00	0.15	0.001
1687	15.25	15.25	16.24	0.00	0.18	12.	14.62	0.00	0.001	12.99	0.00	0.14	0.001
1688	15.25	15.25	15.81	0.00	0.17	12.	14.23	0.00	0.001	12.65	0.00	0.14	0.001
1689	15.25	15.25	15.33	0.00	0.17	11.	13.80	0.00	0.001	12.26	0.00	0.13	0.001
1690	15.25	15.25	14.55	0.00	0.16	11.	13.10	0.00	0.001	11.64	0.00	0.13	0.001
1691	15.25	15.25	13.70	0.00	0.15	10.	12.33	0.00	0.001	10.96	0.00	0.12	0.001
1692	15.25	15.25	35.78	0.00	0.39	26.	32.20	0.00	0.002	28.62	0.00	0.31	0.002
1693	15.25	15.25	35.09	0.00	0.38	26.	31.58	0.00	0.002	28.08	0.00	0.31	0.002
1694	15.25	15.25	34.18	0.00	0.37	25.	30.76	0.00	0.002	27.35	0.00	0.30	0.002
1695	15.25	15.25	33.18	0.00	0.36	24.	29.87	0.00	0.002	26.55	0.00	0.29	0.002
1696	15.25	15.25	32.19	0.00	0.35	24.	28.98	0.00	0.002	25.76	0.00	0.28	0.002
1697	15.25	15.25	31.95	0.00	0.35	23.	28.75	0.00	0.002	25.56	0.00	0.28	0.002
1698	15.25	15.25	31.53	0.00	0.34	23.	28.37	0.00	0.002	25.22	0.00	0.27	0.002
1699	15.25	15.25	30.93	0.00	0.34	23.	27.84	0.00	0.002	24.74	0.00	0.27	0.002
1700	15.25	15.25	30.28	0.00	0.33	22.	27.25	0.00	0.002	24.22	0.00	0.26	0.002
1701	15.25	15.25	29.36	0.00	0.32	22.	26.43	0.00	0.002	23.49	0.00	0.26	0.002
1702	15.25	15.25	28.10	0.00	0.31	21.	25.29	0.00	0.002	22.48	0.00	0.24	0.002
1703	15.25	15.25	19.94	0.00	0.22	15.	17.95	0.00	0.001	15.95	0.00	0.17	0.001
1704	15.25	15.25	20.06	0.00	0.22	15.	18.05	0.00	0.001	16.05	0.00	0.17	0.001
1705	15.25	15.25	10.19	0.00	0.11	7.	9.17	0.00	0.001	8.15	0.00	0.09	0.001
1706	15.25	15.25	48.09	0.00	0.52	35.	43.28	0.00	0.003	38.47	0.00	0.42	0.003
1707	15.25	15.25	48.94	0.00	0.53	36.	44.04	0.00	0.003	39.15	0.00	0.43	0.003
1708	15.25	15.25	32.88	0.00	0.36	24.	29.60	0.00	0.002	26.31	0.00	0.29	0.002
1709	15.25	15.25	54.99	0.00	0.60	40.	49.49	0.00	0.003	43.99	0.00	0.48	0.003
1710	15.25	15.25	56.22	0.00	0.61	41.	50.60	0.00	0.004	44.97	0.00	0.49	0.003
1711	15.25	15.25	40.21	0.00	0.44	30.	36.19	0.00	0.003	32.17	0.00	0.35	0.002
1712	15.25	15.25	43.92	0.00	0.48	32.	39.53	0.00	0.003	35.14	0.00	0.38	0.002
1713	15.25	15.25	45.24	0.00	0.49	33.	40.72	0.00	0.003	36.20	0.00	0.39	0.003
1714	15.25	15.25	33.89	0.00	0.37	25.	30.50	0.00	0.002	27.11	0.00	0.30	0.002
1715	15.25	15.25	13.09	0.00	0.14	10.	11.78	0.00	0.001	10.47	0.00	0.11	0.001
1716	15.25	15.25	14.07	0.00	0.15	10.	12.66	0.00	0.001	11.26	0.00	0.12	0.001
1717	15.25	15.25	12.16	0.00	0.13	9.	10.94	0.00	0.001	9.73	0.00	0.11	0.001
1718	15.25	15.25	14.74	0.00	0.16	11.	13.27	0.00	0.001	11.79	0.00	0.13	0.001
1719	15.25	15.25	8.64	0.00	0.09	6.	7.78	0.00	0.001	6.91	0.00	0.08	0.000
1720	15.25	15.25	13.28	0.00	0.14	10.	11.95	0.00	0.001	10.62	0.00	0.12	0.001
1721	15.25	15.25	13.90	0.00	0.15	10.	12.51	0.00	0.001	11.12	0.00	0.12	0.001
1722	15.25	15.25	14.22	0.00	0.15	10.	12.80	0.00	0.001	11.38	0.00	0.12	0.001
1723	15.25	15.25	13.26	0.00	0.14	10.	11.94	0.00	0.001	10.61	0.00	0.12	0.001
1724	15.25	15.25	12.48	0.00	0.14	9.	11.23	0.00	0.001	9.98	0.00	0.11	0.001
1725	15.25	15.25	11.84	0.00	0.13	9.	10.66	0.00	0.001	9.47	0.00	0.10	0.001
1726	15.25	15.25	11.19	0.00	0.12	8.	10.07	0.00	0.001	8.95	0.00	0.10	0.001
1727	15.25	15.25	10.66	0.00	0.12	8.	9.60	0.00	0.001	8.53	0.00	0.09	0.001
1728	15.25	15.25	10.63	0.00	0.12	8.	9.57	0.00	0.001	8.51	0.00	0.09	0.001
1729	15.25	15.25	10.64	0.00	0.12	8.	9.58	0.00	0.001	8.51	0.00	0.09	0.001
1730	15.25	15.25	10.81	0.00	0.12	8.	9.73	0.00	0.001	8.65	0.00	0.09	0.001
1731	15.25	15.25	29.39	0.00	0.32	22.	26.45	0.00	0.002	23.51	0.00	0.26	0.002
1732	15.25	15.25	46.18	0.00	0.50	34.	41.56	0.00	0.003	36.94	0.00	0.40	0.003
1733	15.25	15.25	57.01	0.00	0.62	42.	51.31	0.00	0.004	45.61	0.00	0.50	0.003
1734	15.25	15.25	49.42	0.00	0.54	36.	44.48	0.00	0.003	39.54	0.00	0.43	0.003
1735	15.25	15.25	20.15	0.00	0.22	15.	18.14	0.00	0.001	16.12	0.00	0.18	0.001
1736	15.25	15.25	34.27	0.00	0.37	25.	30.84	0.00	0.002	27.41	0.00	0.30	0.002
1737	15.25	15.25	14.77	0.00	0.16	11.	13.29	0.00	0.001	11.82	0.00	0.13	0.001
1738	15.25	15.25	13.54	0.00	0.15	10.	12.19	0.00	0.001	10.84	0.00	0.12	0.001
1739	15.25	15.25	9.28	0.00	0.10	7.	8.35	0.00	0.001	7.43	0.00	0.08	0.001
1740	15.25	15.25	18.86	0.00	0.21	14.	16.98	0.00	0.001	15.09	0.00	0.16	0.001
1741	15.25	15.25	14.57	0.00	0.16	11.	13.11	0.00	0.001	11.65	0.00	0.13	0.001
1742	15.25	15.25	11.40	0.00	0.12	8.	10.26	0.00	0.001	9.12	0.00	0.10	0.001
1743	15.25	15.25	8.34	0.00	0.09	6.	7.50	0.00	0.001	6.67	0.00	0.07	0.000
1744	15.25	15.25	12.40	0.00	0.14	9.	11.16	0.00	0.001	9.92	0.00	0.11	0.001
1745	15.25	15.25	11.09	0.00	0.12	8.	9.98	0.00	0.001	8.87	0.00	0.10	0.001



1746	15.25	15.25	7.71	0.00	0.08	6.	6.94	0.00	0.000	6.17	0.00	0.07	0.000
1747	15.25	15.25	11.04	0.00	0.12	8.	9.93	0.00	0.001	8.83	0.00	0.10	0.001
1748	15.25	15.25	34.54	0.00	0.38	25.	31.08	0.00	0.002	27.63	0.00	0.30	0.002
1749	15.25	15.25	41.95	0.00	0.46	31.	37.76	0.00	0.003	33.56	0.00	0.37	0.002
1750	15.25	15.25	35.18	0.00	0.38	26.	31.66	0.00	0.002	28.14	0.00	0.31	0.002
1751	15.25	15.25	11.37	0.00	0.12	8.	10.24	0.00	0.001	9.10	0.00	0.10	0.001
1752	15.25	15.25	10.85	0.00	0.12	8.	9.77	0.00	0.001	8.68	0.00	0.09	0.001
1753	15.25	15.25	23.93	0.00	0.26	18.	21.54	0.00	0.002	19.15	0.00	0.21	0.001
1754	15.25	15.25	23.18	0.00	0.25	17.	20.86	0.00	0.001	18.54	0.00	0.20	0.001
1755	15.25	15.25	17.69	0.00	0.19	13.	15.92	0.00	0.001	14.15	0.00	0.15	0.001
1756	15.25	15.25	17.26	0.00	0.19	13.	15.54	0.00	0.001	13.81	0.00	0.15	0.001
1757	15.25	15.25	16.80	0.00	0.18	12.	15.12	0.00	0.001	13.44	0.00	0.15	0.001
1758	15.25	15.25	16.23	0.00	0.18	12.	14.61	0.00	0.001	12.98	0.00	0.14	0.001
1759	15.25	15.25	15.60	0.00	0.17	11.	14.04	0.00	0.001	12.48	0.00	0.14	0.001
1760	15.25	15.25	15.24	0.00	0.17	11.	13.71	0.00	0.001	12.19	0.00	0.13	0.001
1761	15.25	15.25	14.99	0.00	0.16	11.	13.49	0.00	0.001	11.99	0.00	0.13	0.001
1762	15.25	15.25	14.89	0.00	0.16	11.	13.40	0.00	0.001	11.91	0.00	0.13	0.001
1763	15.25	15.25	14.18	0.00	0.15	10.	12.76	0.00	0.001	11.35	0.00	0.12	0.001
1764	15.25	15.25	13.30	0.00	0.14	10.	11.97	0.00	0.001	10.64	0.00	0.12	0.001
1765	15.25	15.25	12.34	0.00	0.13	9.	11.11	0.00	0.001	9.87	0.00	0.11	0.001
1766	15.25	15.25	30.05	0.00	0.33	22.	27.05	0.00	0.002	24.04	0.00	0.26	0.002
1767	15.25	15.25	46.97	0.00	0.51	34.	42.27	0.00	0.003	37.58	0.00	0.41	0.003
1768	15.25	15.25	57.57	0.00	0.63	42.	51.82	0.00	0.004	46.06	0.00	0.50	0.003
1769	15.25	15.25	49.66	0.00	0.54	36.	44.69	0.00	0.003	39.73	0.00	0.43	0.003
1770	15.25	15.25	34.53	0.00	0.38	25.	31.08	0.00	0.002	27.63	0.00	0.30	0.002
1771	15.25	15.25	34.27	0.00	0.37	25.	30.84	0.00	0.002	27.41	0.00	0.30	0.002
1772	15.25	15.25	49.47	0.00	0.54	36.	44.53	0.00	0.003	39.58	0.00	0.43	0.003
1773	15.25	15.25	57.73	0.00	0.63	42.	51.96	0.00	0.004	46.19	0.00	0.50	0.003
1774	15.25	15.25	47.51	0.00	0.52	35.	42.76	0.00	0.003	38.01	0.00	0.41	0.003
1775	15.25	15.25	30.87	0.00	0.34	23.	27.78	0.00	0.002	24.69	0.00	0.27	0.002
1776	15.25	15.25	31.16	0.00	0.34	23.	28.04	0.00	0.002	24.93	0.00	0.27	0.002
1777	15.25	15.25	47.59	0.00	0.52	35.	42.83	0.00	0.003	38.07	0.00	0.41	0.003
1778	15.25	15.25	57.42	0.00	0.63	42.	51.67	0.00	0.004	45.93	0.00	0.50	0.003
1779	15.25	15.25	48.91	0.00	0.53	36.	44.02	0.00	0.003	39.13	0.00	0.43	0.003
1780	15.25	15.25	33.66	0.00	0.37	25.	30.29	0.00	0.002	26.92	0.00	0.29	0.002
1781	15.25	15.25	32.81	0.00	0.36	24.	29.53	0.00	0.002	26.25	0.00	0.29	0.002
1782	15.25	15.25	48.11	0.00	0.52	35.	43.30	0.00	0.003	38.49	0.00	0.42	0.003
1783	15.25	15.25	56.73	0.00	0.62	42.	51.05	0.00	0.004	45.38	0.00	0.49	0.003
1784	15.25	15.25	47.28	0.00	0.51	35.	42.55	0.00	0.003	37.83	0.00	0.41	0.003
1785	15.25	15.25	31.04	0.00	0.34	23.	27.94	0.00	0.002	24.83	0.00	0.27	0.002
1786	15.25	15.25	45.68	0.00	0.50	34.	41.11	0.00	0.003	36.54	0.00	0.40	0.003
1787	15.25	15.25	29.61	0.00	0.32	22.	26.65	0.00	0.002	23.69	0.00	0.26	0.002
1788	15.25	15.25	55.10	0.00	0.60	40.	49.59	0.00	0.004	44.08	0.00	0.48	0.003
1789	15.25	15.25	46.82	0.00	0.51	34.	42.14	0.00	0.003	37.46	0.00	0.41	0.003
1790	15.25	15.25	31.84	0.00	0.35	23.	28.66	0.00	0.002	25.47	0.00	0.28	0.002
1791	15.25	15.25	45.40	0.00	0.49	33.	40.86	0.00	0.003	36.32	0.00	0.40	0.003
1792	15.25	15.25	53.39	0.00	0.58	39.	48.05	0.00	0.003	42.71	0.00	0.47	0.003
1793	15.25	15.25	44.07	0.00	0.48	32.	39.66	0.00	0.003	35.25	0.00	0.38	0.002
1794	15.25	15.25	28.29	0.00	0.31	21.	25.46	0.00	0.002	22.63	0.00	0.25	0.002
1795	15.25	15.25	27.68	0.00	0.30	20.	24.91	0.00	0.002	22.14	0.00	0.24	0.002
1796	15.25	15.25	43.43	0.00	0.47	32.	39.09	0.00	0.003	34.74	0.00	0.38	0.002
1797	15.25	15.25	52.90	0.00	0.58	39.	47.61	0.00	0.003	42.32	0.00	0.46	0.003
1798	15.25	15.25	45.07	0.00	0.49	33.	40.57	0.00	0.003	36.06	0.00	0.39	0.003
1799	15.25	15.25	30.74	0.00	0.33	23.	27.66	0.00	0.002	24.59	0.00	0.27	0.002
1800	15.25	15.25	30.47	0.00	0.33	22.	27.42	0.00	0.002	24.37	0.00	0.27	0.002
1801	15.25	15.25	30.27	0.00	0.33	22.	27.25	0.00	0.002	24.22	0.00	0.26	0.002
1802	15.25	15.25	30.01	0.00	0.33	22.	27.01	0.00	0.002	24.00	0.00	0.26	0.002
1803	15.25	15.25	44.03	0.00	0.48	32.	39.62	0.00	0.003	35.22	0.00	0.38	0.002
1804	15.25	15.25	44.64	0.00	0.49	33.	40.18	0.00	0.003	35.71	0.00	0.39	0.003
1805	15.25	15.25	52.25	0.00	0.57	38.	47.02	0.00	0.003	41.80	0.00	0.46	0.003
1806	15.25	15.25	51.36	0.00	0.56	38.	46.22	0.00	0.003	41.09	0.00	0.45	0.003
1807	15.25	15.25	41.68	0.00	0.45	31.	37.52	0.00	0.003	33.35	0.00	0.36	0.002
1808	15.25	15.25	42.65	0.00	0.46	31.	38.38	0.00	0.003	34.12	0.00	0.37	0.002
1809	15.25	15.25	26.99	0.00	0.29	20.	24.29	0.00	0.002	21.60	0.00	0.24	0.002
1810	15.25	15.25	26.24	0.00	0.29	19.	23.61	0.00	0.002	20.99	0.00	0.23	0.001
1811	15.25	15.25	25.96	0.00	0.28	19.	23.36	0.00	0.002	20.76	0.00	0.23	0.001
1812	15.25	15.25	25.74	0.00	0.28	19.	23.17	0.00	0.002	20.60	0.00	0.22	0.001
1813	15.25	15.25	25.44	0.00	0.28	19.	22.89	0.00	0.002	20.35	0.00	0.22	0.001
1814	15.25	15.25	24.72	0.00	0.27	18.	22.25	0.00	0.002	19.78	0.00	0.22	0.001
1815	15.25	15.25	24.04	0.00	0.26	18.	21.64	0.00	0.002	19.23	0.00	0.21	0.001
1816	15.25	15.25	36.05	0.00	0.39	26.	32.45	0.00	0.002	28.84	0.00	0.31	0.002
1817	15.25	15.25	43.16	0.00	0.47	32.	38.85	0.00	0.003	34.53	0.00	0.38	0.002
1818	15.25	15.25	35.70	0.00	0.39	26.	32.13	0.00	0.002	28.56	0.00	0.31	0.002
1819	15.25	15.25	23.73	0.00	0.26	17.	21.35	0.00	0.002	18.98	0.00	0.21	0.001
1820	15.25	15.25	25.09	0.00	0.27	18.	22.58	0.00	0.002	20.07	0.00	0.22	0.001
1821	15.25	15.25	37.49	0.00	0.41	28.	33.74	0.00	0.002	29.99	0.00	0.33	0.002
1822	15.25	15.25	45.01	0.00	0.49	33.	40.51	0.00	0.003	36.01	0.00	0.39	0.003
1823	15.25	15.25	37.38	0.00	0.41	27.	33.64	0.00	0.002	29.90	0.00	0.33	0.002
1824	15.25	15.25	38.79	0.00	0.42	28.	34.91	0.00	0.002	31.03	0.00	0.34	0.002
1825	15.25	15.25	39.94	0.00	0.43	29.	35.94	0.00	0.003	31.95	0.00	0.35	0.002
1826	15.25	15.25	40.89	0.00	0.45	30.	36.80	0.00	0.003	32.71	0.00	0.36	0.002
1827	15.25	15.25	50.22	0.00	0.55	37.	45.19	0.00	0.003	40.17	0.00	0.44	0.003
1828	15.25	15.25	48.80	0.00	0.53	36.	43.92	0.00	0.003	39.04	0.00	0.43	0.003
1829	15.25	15.25	47.08	0.00	0.51	35.	42.37	0.00	0.003	37.66	0.00	0.41	0.003
1830	15.25	15.25	39.55	0.00	0.43	29.	35.59	0.00	0.003	31.64	0.00	0.34	0.002



1831	15.25	15.25	41.33	0.00	0.45	30.	37.20	0.00	0.003	33.06	0.00	0.36	0.002
1832	15.25	15.25	42.82	0.00	0.47	31.	38.54	0.00	0.003	34.26	0.00	0.37	0.002
1833	15.25	15.25	29.13	0.00	0.32	21.	26.22	0.00	0.002	23.31	0.00	0.25	0.002
1834	15.25	15.25	28.11	0.00	0.31	21.	25.30	0.00	0.002	22.49	0.00	0.24	0.002
1835	15.25	15.25	26.75	0.00	0.29	20.	24.07	0.00	0.002	21.40	0.00	0.23	0.002

ARMATURA SUPERIORE ORIZZONTALE

GUSCI	COMBINAZIONE RARA		COMB. FREQUENTE				COMB. QUASI PERMANENTE						
	Af	Afc	Mom	Nor	σc	σf	Mom	Nor	wkF	Mom	Nor	σc	wkP
1	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
3	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
4	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
5	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
6	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
7	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
8	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
9	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
10	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
11	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
12	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
13	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
14	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
15	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
16	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
17	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
18	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
19	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
20	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
21	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
22	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
23	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
24	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
25	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
26	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
27	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
28	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
29	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
30	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
31	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
32	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
33	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
34	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
35	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
36	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
37	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
38	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
39	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
40	10.89	10.89	4.39	0.00	0.06	4.	3.95	0.00	0.001	3.51	0.00	0.05	0.000
41	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
42	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
43	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
44	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
45	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
46	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
47	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
48	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
49	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
50	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
51	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
52	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
53	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
54	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
55	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
56	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
57	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
58	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
59	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
60	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
61	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
62	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
63	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
64	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
65	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
66	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
67	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
68	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
69	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
70	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
71	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
72	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
73	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
74	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



75	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
76	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
77	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
78	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
79	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
80	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
81	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
82	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
83	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
84	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
85	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
86	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
87	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
88	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
89	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
90	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
91	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
92	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
93	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
94	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
95	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
96	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
97	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
98	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
99	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
100	10.89	10.89	4.39	0.00	0.06	4.	3.95	0.00	0.001	3.51	0.00	0.05	0.000
101	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
102	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
103	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
104	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
105	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
106	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
107	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
108	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
109	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
110	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
111	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
112	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
113	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
114	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
115	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
116	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
117	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
118	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
119	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
120	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
121	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
122	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
123	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
124	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
125	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
126	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
127	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
128	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
129	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
130	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
131	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
132	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
133	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
134	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
135	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
136	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
137	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
138	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
139	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
140	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
141	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
142	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
143	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
144	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
145	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
146	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
147	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
148	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
149	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
150	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
151	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
152	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
153	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
154	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
155	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
156	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
157	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
158	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
159	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003



160	10.89	10.89	4.39	0.00	0.06	4.	3.95	0.00	0.001	3.51	0.00	0.05	0.000
161	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
162	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
163	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
164	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
165	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
166	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
167	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
168	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
169	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
170	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
171	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
172	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
173	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
174	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
175	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
176	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
177	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
178	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
179	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
180	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
181	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
182	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
183	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
184	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
185	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
186	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
187	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
188	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
189	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
190	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
191	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
192	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
193	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
194	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
195	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
196	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
197	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
198	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
199	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
200	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
201	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
202	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
203	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
204	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
205	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
206	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
207	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
208	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
209	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
210	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
211	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
212	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
213	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
214	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
215	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
216	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
217	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
218	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
219	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
220	10.89	10.89	4.39	0.00	0.06	4.	3.95	0.00	0.001	3.51	0.00	0.05	0.000
221	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
222	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
223	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
224	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
225	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
226	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
227	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
228	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
229	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
230	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
231	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
232	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
233	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
234	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
235	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
236	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
237	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
238	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
239	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
240	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
241	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
242	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
243	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
244	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



245	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
261	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
262	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
263	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
264	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
265	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
266	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
267	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
268	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
269	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
270	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
271	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
272	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
273	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
274	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
275	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
276	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
277	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
278	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
279	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
298	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
299	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
300	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
301	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
302	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
303	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
304	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
305	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
308	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
309	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
310	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
311	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
312	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
313	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
314	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
315	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
316	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
317	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
318	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
319	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
321	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
322	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
323	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
324	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
325	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
326	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
327	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
328	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
329	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
330	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
331	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
332	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
333	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
334	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
335	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
336	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
337	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
338	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
339	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
358	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
359	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
360	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
361	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
362	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
363	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
364	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
365	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
366	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
367	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
368	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
369	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
370	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
371	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
372	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
373	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
374	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
375	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
376	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
377	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
378	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
379	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
381	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
382	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
383	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
384	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007



385	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
386	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
387	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
388	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
389	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
390	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
391	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
392	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
393	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
394	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
395	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
396	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
397	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
398	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
399	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
418	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
419	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
420	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
421	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
422	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
423	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
424	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
425	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
426	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
427	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
428	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
429	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
430	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
431	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
432	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
433	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
434	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
435	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
436	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
437	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
438	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
439	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
441	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
442	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
443	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
444	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
445	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
446	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
447	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
448	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
449	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
450	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
451	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
452	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
453	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
454	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
455	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
456	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
457	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
458	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
459	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
478	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
479	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
480	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
481	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
482	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
483	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
484	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
485	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
501	10.89	10.89	7.51	0.00	0.10	8.	6.76	0.00	0.001	6.01	0.00	0.08	0.001
502	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
503	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
504	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
505	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
506	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
507	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
508	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
509	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
510	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
511	10.89	10.89	91.91	0.00	1.18	94.	82.72	0.00	0.012	73.53	0.00	0.95	0.010
512	10.89	10.89	89.99	0.00	1.16	92.	80.99	0.00	0.011	71.99	0.00	0.93	0.010
513	10.89	10.89	88.34	0.00	1.14	90.	79.51	0.00	0.011	70.68	0.00	0.91	0.010
514	10.89	10.89	84.29	0.00	1.08	86.	75.86	0.00	0.011	67.44	0.00	0.87	0.009
515	10.89	10.89	77.27	0.00	0.99	79.	69.54	0.00	0.010	61.81	0.00	0.79	0.009
516	10.89	10.89	70.06	0.00	0.90	72.	63.05	0.00	0.009	56.04	0.00	0.72	0.008
517	10.89	10.89	59.05	0.00	0.76	60.	53.14	0.00	0.007	47.24	0.00	0.61	0.007
518	10.89	10.89	43.70	0.00	0.56	45.	39.33	0.00	0.006	34.96	0.00	0.45	0.005
519	10.89	10.89	28.15	0.00	0.36	29.	25.34	0.00	0.004	22.52	0.00	0.29	0.003
538	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
539	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



Table with 13 columns and 27 rows (1794-1835) containing numerical data for structural analysis.

ARMATURA SUPERIORE VERTICALE

Table with 13 columns and 37 rows (GUSCI 1-37) showing reinforcement data under three categories: COMBINAZIONE RARA, COMB. FREQUENTE, and COMB. QUASI PERMANENTE.



38	15.25	15.25	3.63	0.00	0.04	3.	3.27	0.00	0.000	2.90	0.00	0.03	0.000
39	15.25	15.25	3.69	0.00	0.04	3.	3.32	0.00	0.000	2.95	0.00	0.03	0.000
40	15.25	15.25	3.76	0.00	0.04	3.	3.38	0.00	0.000	3.01	0.00	0.03	0.000
41	15.25	15.25	2.66	0.00	0.03	2.	2.40	0.00	0.000	2.13	0.00	0.02	0.000
42	15.25	15.25	1.15	0.00	0.01	1.	1.04	0.00	0.000	0.92	0.00	0.01	0.000
43	15.25	15.25	0.58	0.00	0.01	0.	0.52	0.00	0.000	0.47	0.00	0.01	0.000
44	15.25	15.25	0.19	0.00	0.00	0.	0.17	0.00	0.000	0.15	0.00	0.00	0.000
45	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
46	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
47	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
48	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
49	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
50	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
51	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
52	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
53	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
54	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
55	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
56	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
57	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
58	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
59	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
60	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
61	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
62	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
63	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
64	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
65	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
66	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
67	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
68	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
69	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
70	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
71	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
72	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
73	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
74	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
75	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
76	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
77	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
78	15.25	15.25	0.28	0.00	0.00	0.	0.26	0.00	0.000	0.23	0.00	0.00	0.000
79	15.25	15.25	0.81	0.00	0.01	1.	0.73	0.00	0.000	0.65	0.00	0.01	0.000
80	15.25	15.25	2.03	0.00	0.02	1.	1.83	0.00	0.000	1.63	0.00	0.02	0.000
81	15.25	15.25	3.55	0.00	0.04	3.	3.19	0.00	0.000	2.84	0.00	0.03	0.000
82	15.25	15.25	3.61	0.00	0.04	3.	3.25	0.00	0.000	2.88	0.00	0.03	0.000
83	15.25	15.25	3.83	0.00	0.04	3.	3.45	0.00	0.000	3.06	0.00	0.03	0.000
84	15.25	15.25	3.98	0.00	0.04	3.	3.58	0.00	0.000	3.18	0.00	0.03	0.000
85	15.25	15.25	4.02	0.00	0.04	3.	3.62	0.00	0.000	3.22	0.00	0.04	0.000
86	15.25	15.25	4.19	0.00	0.05	3.	3.77	0.00	0.000	3.35	0.00	0.04	0.000
87	15.25	15.25	4.25	0.00	0.05	3.	3.82	0.00	0.000	3.40	0.00	0.04	0.000
88	15.25	15.25	4.20	0.00	0.05	3.	3.78	0.00	0.000	3.36	0.00	0.04	0.000
89	15.25	15.25	4.27	0.00	0.05	3.	3.84	0.00	0.000	3.41	0.00	0.04	0.000
90	15.25	15.25	4.21	0.00	0.05	3.	3.79	0.00	0.000	3.37	0.00	0.04	0.000
91	15.25	15.25	4.18	0.00	0.05	3.	3.77	0.00	0.000	3.35	0.00	0.04	0.000
92	15.25	15.25	4.24	0.00	0.05	3.	3.82	0.00	0.000	3.39	0.00	0.04	0.000
93	15.25	15.25	4.17	0.00	0.05	3.	3.75	0.00	0.000	3.33	0.00	0.04	0.000
94	15.25	15.25	4.22	0.00	0.05	3.	3.80	0.00	0.000	3.38	0.00	0.04	0.000
95	15.25	15.25	4.16	0.00	0.05	3.	3.75	0.00	0.000	3.33	0.00	0.04	0.000
96	15.25	15.25	3.99	0.00	0.04	3.	3.59	0.00	0.000	3.19	0.00	0.03	0.000
97	15.25	15.25	3.95	0.00	0.04	3.	3.56	0.00	0.000	3.16	0.00	0.03	0.000
98	15.25	15.25	3.80	0.00	0.04	3.	3.42	0.00	0.000	3.04	0.00	0.03	0.000
99	15.25	15.25	3.58	0.00	0.04	3.	3.22	0.00	0.000	2.86	0.00	0.03	0.000
100	15.25	15.25	3.52	0.00	0.04	3.	3.17	0.00	0.000	2.82	0.00	0.03	0.000
101	15.25	15.25	2.00	0.00	0.02	1.	1.80	0.00	0.000	1.60	0.00	0.02	0.000
102	15.25	15.25	0.80	0.00	0.01	1.	0.72	0.00	0.000	0.64	0.00	0.01	0.000
103	15.25	15.25	0.28	0.00	0.00	0.	0.26	0.00	0.000	0.23	0.00	0.00	0.000
104	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
105	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
106	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
107	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
108	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
109	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
110	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
111	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
112	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
113	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
114	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
115	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
116	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
117	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
118	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
119	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
120	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
121	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
122	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



123	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
124	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
125	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
126	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
127	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
128	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
129	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
130	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
131	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
132	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
133	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
134	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
135	15.25	15.25	0.11	0.00	0.00	0.	0.10	0.00	0.000	0.09	0.00	0.00	0.000
136	15.25	15.25	0.33	0.00	0.00	0.	0.29	0.00	0.000	0.26	0.00	0.00	0.000
137	15.25	15.25	0.70	0.00	0.01	1.	0.63	0.00	0.000	0.56	0.00	0.01	0.000
138	15.25	15.25	1.17	0.00	0.01	1.	1.05	0.00	0.000	0.93	0.00	0.01	0.000
139	15.25	15.25	2.14	0.00	0.02	2.	1.93	0.00	0.000	1.71	0.00	0.02	0.000
140	15.25	15.25	4.85	0.00	0.05	4.	4.37	0.00	0.000	3.88	0.00	0.04	0.000
141	15.25	15.25	5.52	0.00	0.06	4.	4.97	0.00	0.000	4.42	0.00	0.05	0.000
142	15.25	15.25	5.53	0.00	0.06	4.	4.98	0.00	0.000	4.42	0.00	0.05	0.000
143	15.25	15.25	5.43	0.00	0.06	4.	4.89	0.00	0.000	4.35	0.00	0.05	0.000
144	15.25	15.25	5.09	0.00	0.06	4.	4.58	0.00	0.000	4.07	0.00	0.04	0.000
145	15.25	15.25	4.77	0.00	0.05	4.	4.29	0.00	0.000	3.82	0.00	0.04	0.000
146	15.25	15.25	4.30	0.00	0.05	3.	3.87	0.00	0.000	3.44	0.00	0.04	0.000
147	15.25	15.25	3.56	0.00	0.04	3.	3.21	0.00	0.000	2.85	0.00	0.03	0.000
148	15.25	15.25	2.84	0.00	0.03	2.	2.56	0.00	0.000	2.27	0.00	0.02	0.000
149	15.25	15.25	1.92	0.00	0.02	1.	1.73	0.00	0.000	1.53	0.00	0.02	0.000
150	15.25	15.25	0.79	0.00	0.01	1.	0.71	0.00	0.000	0.63	0.00	0.01	0.000
151	15.25	15.25	0.76	0.00	0.01	1.	0.68	0.00	0.000	0.61	0.00	0.01	0.000
152	15.25	15.25	1.89	0.00	0.02	1.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
153	15.25	15.25	2.81	0.00	0.03	2.	2.53	0.00	0.000	2.25	0.00	0.02	0.000
154	15.25	15.25	3.53	0.00	0.04	3.	3.18	0.00	0.000	2.82	0.00	0.03	0.000
155	15.25	15.25	4.27	0.00	0.05	3.	3.84	0.00	0.000	3.42	0.00	0.04	0.000
156	15.25	15.25	4.74	0.00	0.05	3.	4.27	0.00	0.000	3.79	0.00	0.04	0.000
157	15.25	15.25	5.05	0.00	0.05	4.	4.55	0.00	0.000	4.04	0.00	0.04	0.000
158	15.25	15.25	5.40	0.00	0.06	4.	4.86	0.00	0.000	4.32	0.00	0.05	0.000
159	15.25	15.25	5.50	0.00	0.06	4.	4.95	0.00	0.000	4.40	0.00	0.05	0.000
160	15.25	15.25	5.49	0.00	0.06	4.	4.94	0.00	0.000	4.39	0.00	0.05	0.000
161	15.25	15.25	4.79	0.00	0.05	4.	4.31	0.00	0.000	3.83	0.00	0.04	0.000
162	15.25	15.25	2.12	0.00	0.02	2.	1.91	0.00	0.000	1.70	0.00	0.02	0.000
163	15.25	15.25	1.17	0.00	0.01	1.	1.05	0.00	0.000	0.93	0.00	0.01	0.000
164	15.25	15.25	0.70	0.00	0.01	1.	0.63	0.00	0.000	0.56	0.00	0.01	0.000
165	15.25	15.25	0.33	0.00	0.00	0.	0.29	0.00	0.000	0.26	0.00	0.00	0.000
166	15.25	15.25	0.11	0.00	0.00	0.	0.10	0.00	0.000	0.09	0.00	0.00	0.000
167	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
168	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
169	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
170	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
171	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
172	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
173	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
174	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
175	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
176	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
177	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
178	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
179	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
180	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
181	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
182	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
183	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
184	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
185	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
186	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
187	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
188	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
189	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
190	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
191	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
192	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
193	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
194	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
195	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
196	15.25	15.25	0.05	0.00	0.00	0.	0.05	0.00	0.000	0.04	0.00	0.00	0.000
197	15.25	15.25	0.40	0.00	0.00	0.	0.36	0.00	0.000	0.32	0.00	0.00	0.000
198	15.25	15.25	0.90	0.00	0.01	1.	0.81	0.00	0.000	0.72	0.00	0.01	0.000
199	15.25	15.25	1.75	0.00	0.02	1.	1.58	0.00	0.000	1.40	0.00	0.02	0.000
200	15.25	15.25	3.84	0.00	0.04	3.	3.46	0.00	0.000	3.07	0.00	0.03	0.000
201	15.25	15.25	5.11	0.00	0.06	4.	4.60	0.00	0.000	4.09	0.00	0.04	0.000
202	15.25	15.25	5.15	0.00	0.06	4.	4.64	0.00	0.000	4.12	0.00	0.04	0.000
203	15.25	15.25	5.06	0.00	0.06	4.	4.55	0.00	0.000	4.05	0.00	0.04	0.000
204	15.25	15.25	4.85	0.00	0.05	4.	4.37	0.00	0.000	3.88	0.00	0.04	0.000
205	15.25	15.25	4.58	0.00	0.05	3.	4.12	0.00	0.000	3.67	0.00	0.04	0.000
206	15.25	15.25	4.16	0.00	0.05	3.	3.74	0.00	0.000	3.33	0.00	0.04	0.000
207	15.25	15.25	3.60	0.00	0.04	3.	3.24	0.00	0.000	2.88	0.00	0.03	0.000



208	15.25	15.25	2.96	0.00	0.03	2.	2.67	0.00	0.000	2.37	0.00	0.03	0.000
209	15.25	15.25	2.18	0.00	0.02	2.	1.96	0.00	0.000	1.74	0.00	0.02	0.000
210	15.25	15.25	1.31	0.00	0.01	1.	1.18	0.00	0.000	1.05	0.00	0.01	0.000
211	15.25	15.25	1.29	0.00	0.01	1.	1.16	0.00	0.000	1.03	0.00	0.01	0.000
212	15.25	15.25	2.16	0.00	0.02	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
213	15.25	15.25	2.95	0.00	0.03	2.	2.65	0.00	0.000	2.36	0.00	0.03	0.000
214	15.25	15.25	3.58	0.00	0.04	3.	3.23	0.00	0.000	2.87	0.00	0.03	0.000
215	15.25	15.25	4.14	0.00	0.05	3.	3.72	0.00	0.000	3.31	0.00	0.04	0.000
216	15.25	15.25	4.56	0.00	0.05	3.	4.11	0.00	0.000	3.65	0.00	0.04	0.000
217	15.25	15.25	4.84	0.00	0.05	4.	4.35	0.00	0.000	3.87	0.00	0.04	0.000
218	15.25	15.25	5.04	0.00	0.05	4.	4.54	0.00	0.000	4.03	0.00	0.04	0.000
219	15.25	15.25	5.13	0.00	0.06	4.	4.62	0.00	0.000	4.11	0.00	0.04	0.000
220	15.25	15.25	5.09	0.00	0.06	4.	4.58	0.00	0.000	4.07	0.00	0.04	0.000
221	15.25	15.25	3.81	0.00	0.04	3.	3.43	0.00	0.000	3.05	0.00	0.03	0.000
222	15.25	15.25	1.74	0.00	0.02	1.	1.57	0.00	0.000	1.39	0.00	0.02	0.000
223	15.25	15.25	0.90	0.00	0.01	1.	0.81	0.00	0.000	0.72	0.00	0.01	0.000
224	15.25	15.25	0.40	0.00	0.00	0.	0.36	0.00	0.000	0.32	0.00	0.00	0.000
225	15.25	15.25	0.05	0.00	0.00	0.	0.05	0.00	0.000	0.04	0.00	0.00	0.000
226	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
227	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
228	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
229	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
230	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
231	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
232	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
233	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
234	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
235	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
236	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
237	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
238	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
239	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
240	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
241	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
242	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
243	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
244	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
245	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
261	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
262	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
263	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
264	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
265	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
266	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
267	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
268	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
269	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
270	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
271	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
272	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
273	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
274	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
275	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
276	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
277	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
278	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
279	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
298	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
299	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
300	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
301	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
302	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
303	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
304	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
305	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
308	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
309	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
310	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
311	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
312	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
313	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
314	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
315	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
316	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
317	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
318	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
319	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
321	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
322	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
323	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
324	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
325	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
326	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
327	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
328	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



MACROGUSCIO Trave2

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA

DATI:

tensione di snervamento acciaio (fyk):	450	N/mm2
coefficiente sicurezza acciaio	: 1.15	
deformazione ultima acciaio	: 1.9565	per mille
deformazione ultima cls	: 3.5	per mille
rapporto rottura/snervamento	(k): 1	
resistenza cilindrica cls	(fck): 24.9	N/mm2
coefficiente sicurezza cls	: 1.5	
coefficiente riduttivo	(alfa): 0.85	
copriferro inferiore (asse armatura):	5	cm
copriferro superiore (asse armatura):	5	cm
moltiplicatore sollecitazioni	: 1	

LEGENDA:

- spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
- Af = area disposta al lembo teso, in cm2 al metro
- Afc = area disposta al lembo compresso, in cm2 al metro
- Mom = momento flettente [kNm/m]
- Nor = sforzo normale [kN]
- epsC = deformazione cls [per mille]
- epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

Per gli elementi non dissipativi la permanenza in campo elastico è ottenuta limitando la deformazione dell'acciaio alla deformazione di snervamento (1.9565 per mille) e quella del calcestruzzo al 2 per mille.

GUSCI	spess	INFERIORE ORIZZONTALE							INFERIORE VERTICALE					COEF. MAX %
		Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF	
541	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	6.	0.	0.00	0.02	1
543	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
545	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
547	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
549	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
551	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.02	1
553	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.02	1
555	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
557	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
559	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
561	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
563	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
565	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
567	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
569	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
571	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
573	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
575	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
577	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
579	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
581	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
583	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
585	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
587	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
589	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
591	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
593	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
595	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
597	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
599	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
601	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
603	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
605	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
607	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	3.	0.	0.00	0.01	4
609	100	10.89	10.89	56.	0.	0.05	0.28	15.25	15.25	3.	0.	0.00	0.01	14
611	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	3.	0.	0.00	0.01	20
613	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	3.	0.	0.00	0.01	28
615	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	3.	0.	0.00	0.01	34
617	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	4.	0.	0.00	0.01	38
619	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	4.	0.	0.00	0.01	42
621	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	4.	0.	0.00	0.02	45
623	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	5.	0.	0.00	0.02	46
625	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	5.	0.	0.00	0.02	47
627	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	5.	0.	0.00	0.02	47
629	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	5.	0.	0.00	0.02	45



631	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	5.	0.	0.00	0.02	42
633	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	5.	0.	0.00	0.02	39
635	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	5.	0.	0.00	0.02	33
637	100	10.89	10.89	111.	0.	0.10	0.56	15.25	15.25	4.	0.	0.00	0.02	27
639	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	4.	0.	0.00	0.02	21
641	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	4.	0.	0.00	0.02	15
643	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	4.	0.	0.00	0.01	10
645	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	4.	0.	0.00	0.01	8
647	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	4.	0.	0.00	0.01	5
649	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	3.	0.	0.00	0.01	3
651	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	3.	0.	0.00	0.01	2
653	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	3.	0.	0.00	0.01	2
655	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	3.	0.	0.00	0.01	1
657	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	2.	0.	0.00	0.01	1
659	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	2.	0.	0.00	0.01	1
661	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	9.	0.	0.01	0.03	2
663	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
665	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
667	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
669	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
671	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.01	0.02	1
673	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
675	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
677	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
679	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
681	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
683	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
685	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
687	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
689	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
691	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
693	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
695	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
697	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
699	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
701	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
703	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
705	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
707	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
709	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
711	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
713	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
715	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
717	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
719	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
721	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
723	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
725	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
727	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	4.	0.	0.00	0.01	4
729	100	10.89	10.89	56.	0.	0.05	0.28	15.25	15.25	4.	0.	0.00	0.02	14
731	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	5.	0.	0.00	0.02	20
733	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	5.	0.	0.00	0.02	28
735	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	5.	0.	0.00	0.02	34
737	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	6.	0.	0.00	0.02	38
739	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	6.	0.	0.00	0.02	42
741	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	6.	0.	0.00	0.02	45
743	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	6.	0.	0.01	0.02	46
745	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	6.	0.	0.01	0.02	47
747	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	6.	0.	0.01	0.02	47
749	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	6.	0.	0.00	0.02	45
751	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	6.	0.	0.00	0.02	42
753	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	6.	0.	0.00	0.02	39
755	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	5.	0.	0.00	0.02	33
757	100	10.89	10.89	111.	0.	0.10	0.56	15.25	15.25	5.	0.	0.00	0.02	27
759	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	5.	0.	0.00	0.02	21
761	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	4.	0.	0.00	0.02	15
763	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	4.	0.	0.00	0.01	10
765	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	3.	0.	0.00	0.01	8
767	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	3.	0.	0.00	0.01	5
769	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	3.	0.	0.00	0.01	3
771	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	2.	0.	0.00	0.01	2
773	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	1.	0.	0.00	0.00	2
775	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.00	1
777	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
779	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	1
781	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.01	1
783	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
785	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
787	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
789	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
791	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
793	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.00	0.02	1
795	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
797	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
799	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1



801	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
803	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
805	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
807	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
809	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
811	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	2
813	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
815	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
817	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
819	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
821	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.03	2
823	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
825	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
827	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
829	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
831	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.02	1
833	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
835	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
837	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
839	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.02	1
841	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
843	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
845	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
847	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	5.	0.	0.00	0.02	4
849	100	10.89	10.89	56.	0.	0.05	0.28	15.25	15.25	4.	0.	0.00	0.02	14
851	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	4.	0.	0.00	0.02	20
853	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	5.	0.	0.00	0.02	28
855	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	5.	0.	0.00	0.02	34
857	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	6.	0.	0.00	0.02	38
859	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	7.	0.	0.00	0.02	42
861	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	7.	0.	0.01	0.03	45
863	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	8.	0.	0.01	0.03	46
865	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	9.	0.	0.01	0.03	47
867	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	10.	0.	0.01	0.04	47
869	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	11.	0.	0.01	0.04	45
871	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	12.	0.	0.01	0.04	42
873	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	12.	0.	0.01	0.05	39
875	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	13.	0.	0.01	0.05	33
877	100	10.89	10.89	111.	0.	0.10	0.56	15.25	15.25	14.	0.	0.01	0.05	27
879	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	14.	0.	0.01	0.05	21
881	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	15.	0.	0.01	0.06	15
883	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	16.	0.	0.01	0.06	10
885	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	16.	0.	0.01	0.06	8
887	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	17.	0.	0.01	0.06	5
889	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	17.	0.	0.01	0.06	3
891	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	17.	0.	0.01	0.06	3
893	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	17.	0.	0.01	0.06	3
895	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	17.	0.	0.01	0.06	3
897	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	17.	0.	0.01	0.06	3
899	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	17.	0.	0.01	0.06	3
901	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	6.	0.	0.00	0.02	1
903	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
905	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
907	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
909	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
911	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
913	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
915	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
917	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
919	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	2
921	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
923	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
925	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
927	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
929	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
931	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
933	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
935	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
937	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
939	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
941	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
943	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
945	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.02	1
947	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
949	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
951	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
953	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.02	1
955	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
957	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
959	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
961	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
963	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
965	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
967	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	5.	0.	0.00	0.02	4
969	100	10.89	10.89	56.	0.	0.05	0.28	15.25	15.25	5.	0.	0.00	0.02	14



971	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	5.	0.	0.00	0.02	20
973	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	6.	0.	0.00	0.02	28
975	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	6.	0.	0.00	0.02	34
977	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	7.	0.	0.01	0.02	38
979	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	7.	0.	0.01	0.03	42
981	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	8.	0.	0.01	0.03	45
983	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	9.	0.	0.01	0.03	46
985	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	9.	0.	0.01	0.03	47
987	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	10.	0.	0.01	0.04	47
989	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	11.	0.	0.01	0.04	45
991	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	11.	0.	0.01	0.04	42
993	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	12.	0.	0.01	0.04	39
995	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	12.	0.	0.01	0.04	33
997	100	10.89	10.89	111.	0.	0.10	0.56	15.25	15.25	13.	0.	0.01	0.05	27
999	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	13.	0.	0.01	0.05	21
1001	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	14.	0.	0.01	0.05	15
1003	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	14.	0.	0.01	0.05	10
1005	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	14.	0.	0.01	0.05	8
1007	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	15.	0.	0.01	0.05	5
1009	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	15.	0.	0.01	0.05	3
1011	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	15.	0.	0.01	0.05	3
1013	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	15.	0.	0.01	0.05	3
1015	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	15.	0.	0.01	0.05	3
1017	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	14.	0.	0.01	0.05	3
1019	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	14.	0.	0.01	0.05	2
1051	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1053	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1055	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1057	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1059	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1061	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
1063	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
1065	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	16.	0.	0.01	0.06	3
1067	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
1069	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
1071	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
1073	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	16.	0.	0.01	0.06	3
1075	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.06	3
1077	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	3
1079	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
1081	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1083	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
1085	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1087	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	35.	0.	0.03	0.13	6
1119	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	34.	0.	0.03	0.12	21
1121	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	32.	0.	0.03	0.12	15
1123	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	31.	0.	0.02	0.11	10
1125	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	29.	0.	0.02	0.11	8
1127	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	27.	0.	0.02	0.10	5
1129	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	25.	0.	0.02	0.09	4
1131	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	22.	0.	0.02	0.08	4
1133	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	19.	0.	0.02	0.07	3
1135	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	17.	0.	0.01	0.06	3
1137	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	14.	0.	0.01	0.05	3
1139	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	12.	0.	0.01	0.04	2
1141	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	117.	0.	0.09	0.43	21
1143	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	114.	0.	0.09	0.42	20
1145	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	111.	0.	0.09	0.40	20
1147	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	106.	0.	0.08	0.39	19
1149	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	102.	0.	0.08	0.37	18
1151	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	98.	0.	0.08	0.36	17
1153	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	94.	0.	0.07	0.34	17
1155	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	90.	0.	0.07	0.33	16
1157	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	86.	0.	0.07	0.32	15
1159	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	83.	0.	0.07	0.30	15
1161	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	79.	0.	0.06	0.29	14
1163	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	76.	0.	0.06	0.28	14
1165	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	72.	0.	0.06	0.26	13
1167	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	67.	0.	0.05	0.25	12
1169	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	62.	0.	0.05	0.23	11
1171	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	57.	0.	0.05	0.21	10
1173	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	52.	0.	0.04	0.19	9
1175	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	48.	0.	0.04	0.17	9
1177	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	43.	0.	0.03	0.16	8
1179	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.14	7
1181	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.13	6
1183	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1185	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	6
1187	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1189	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.11	5
1191	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1193	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	5
1195	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1197	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	35.	0.	0.03	0.13	6
1199	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.14	7



1201	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	41.	0.	0.03	0.15	7
1203	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	46.	0.	0.04	0.17	8
1205	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	51.	0.	0.04	0.19	9
1207	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	54.	0.	0.04	0.20	10
1211	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	59.	0.	0.05	0.22	20
1213	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	62.	0.	0.05	0.23	28
1215	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	64.	0.	0.05	0.23	34
1217	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	65.	0.	0.05	0.24	38
1219	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	66.	0.	0.05	0.24	42
1221	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	67.	0.	0.05	0.24	45
1223	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	67.	0.	0.05	0.25	46
1225	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	67.	0.	0.05	0.25	47
1227	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	67.	0.	0.05	0.24	47
1229	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	66.	0.	0.05	0.24	45
1231	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	64.	0.	0.05	0.24	42
1233	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	62.	0.	0.05	0.23	39
1235	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	59.	0.	0.05	0.22	33
1239	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	55.	0.	0.04	0.20	21
1241	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	54.	0.	0.04	0.20	15
1243	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	52.	0.	0.04	0.19	10
1245	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	50.	0.	0.04	0.18	9
1247	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	47.	0.	0.04	0.17	8
1249	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	44.	0.	0.03	0.16	8
1251	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	41.	0.	0.03	0.15	7
1253	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	37.	0.	0.03	0.14	7
1255	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	34.	0.	0.03	0.12	6
1257	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	30.	0.	0.02	0.11	5
1259	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	27.	0.	0.02	0.10	5
1261	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	129.	0.	0.10	0.47	23
1263	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	126.	0.	0.10	0.46	23
1265	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	123.	0.	0.10	0.45	22
1267	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	119.	0.	0.09	0.44	21
1269	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	115.	0.	0.09	0.42	20
1271	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	110.	0.	0.09	0.40	20
1273	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	105.	0.	0.08	0.39	19
1275	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	101.	0.	0.08	0.37	18
1277	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	96.	0.	0.08	0.35	17
1279	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	92.	0.	0.07	0.34	16
1281	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	88.	0.	0.07	0.32	16
1283	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	85.	0.	0.07	0.31	15
1285	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	80.	0.	0.06	0.29	14
1287	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	76.	0.	0.06	0.28	13
1289	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	70.	0.	0.06	0.26	13
1291	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	65.	0.	0.05	0.24	12
1293	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	60.	0.	0.05	0.22	11
1295	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	55.	0.	0.04	0.20	10
1297	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	50.	0.	0.04	0.18	9
1299	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	46.	0.	0.04	0.17	8
1301	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	8
1303	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.14	7
1305	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.13	7
1307	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	35.	0.	0.03	0.13	6
1309	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.13	6
1311	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.13	6
1313	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.13	6
1315	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.14	7
1317	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.15	7
1319	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	43.	0.	0.03	0.16	8
1321	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	47.	0.	0.04	0.17	8
1323	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	52.	0.	0.04	0.19	9
1325	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	57.	0.	0.05	0.21	10
1327	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	60.	0.	0.05	0.22	11
1331	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	67.	0.	0.05	0.25	20
1333	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	70.	0.	0.06	0.26	28
1335	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	72.	0.	0.06	0.26	34
1337	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	74.	0.	0.06	0.27	38
1339	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	76.	0.	0.06	0.28	42
1341	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	77.	0.	0.06	0.28	45
1343	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	77.	0.	0.06	0.28	46
1345	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	78.	0.	0.06	0.28	47
1347	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	78.	0.	0.06	0.28	47
1349	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	77.	0.	0.06	0.28	45
1351	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	76.	0.	0.06	0.28	42
1353	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	74.	0.	0.06	0.27	39
1355	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	72.	0.	0.06	0.26	33
1359	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	67.	0.	0.05	0.25	21
1361	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	66.	0.	0.05	0.24	15
1363	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	64.	0.	0.05	0.23	11
1365	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	61.	0.	0.05	0.23	11
1367	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	59.	0.	0.05	0.22	10
1369	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	56.	0.	0.04	0.20	10
1371	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	52.	0.	0.04	0.19	9
1373	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	48.	0.	0.04	0.18	9
1375	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	44.	0.	0.04	0.16	8
1377	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	40.	0.	0.03	0.15	7



1379	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	36.	0.	0.03	0.13	6
1381	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	115.	0.	0.09	0.42	21
1383	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	114.	0.	0.09	0.42	20
1385	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	111.	0.	0.09	0.41	20
1387	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	108.	0.	0.09	0.39	19
1389	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	104.	0.	0.08	0.38	19
1391	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	100.	0.	0.08	0.37	18
1393	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	96.	0.	0.08	0.35	17
1395	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	92.	0.	0.07	0.34	16
1397	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	88.	0.	0.07	0.32	16
1399	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	85.	0.	0.07	0.31	15
1401	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	82.	0.	0.06	0.30	15
1403	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	78.	0.	0.06	0.29	14
1405	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	74.	0.	0.06	0.27	13
1407	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	70.	0.	0.06	0.26	13
1409	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	66.	0.	0.05	0.24	12
1411	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	61.	0.	0.05	0.22	11
1413	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	56.	0.	0.04	0.21	10
1415	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	52.	0.	0.04	0.19	9
1417	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	47.	0.	0.04	0.17	8
1419	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	43.	0.	0.03	0.16	8
1421	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.15	7
1423	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.13	7
1425	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.13	6
1427	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1429	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.02	0.12	6
1431	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.03	0.12	6
1433	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1435	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.13	6
1437	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.13	7
1439	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.14	7
1441	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	8
1443	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	45.	0.	0.04	0.17	8
1445	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	49.	0.	0.04	0.18	9
1447	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	52.	0.	0.04	0.19	9
1451	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	57.	0.	0.05	0.21	20
1453	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	60.	0.	0.05	0.22	28
1455	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	62.	0.	0.05	0.23	34
1457	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	64.	0.	0.05	0.23	38
1459	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	65.	0.	0.05	0.24	42
1461	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	67.	0.	0.05	0.24	45
1463	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	67.	0.	0.05	0.25	46
1465	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	68.	0.	0.05	0.25	47
1467	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	68.	0.	0.05	0.25	47
1469	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	68.	0.	0.05	0.25	45
1471	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	67.	0.	0.05	0.25	42
1473	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	66.	0.	0.05	0.24	39
1475	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	64.	0.	0.05	0.23	33
1479	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	61.	0.	0.05	0.22	21
1481	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	60.	0.	0.05	0.22	15
1483	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	58.	0.	0.05	0.21	10
1485	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	57.	0.	0.04	0.21	10
1487	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	55.	0.	0.04	0.20	10
1489	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	53.	0.	0.04	0.19	9
1491	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	50.	0.	0.04	0.18	9
1493	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	47.	0.	0.04	0.17	8
1495	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	44.	0.	0.03	0.16	8
1497	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	40.	0.	0.03	0.15	7
1499	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	37.	0.	0.03	0.13	7
1531	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.14	7
1533	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.13	7
1535	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.12	6
1537	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.02	0.12	6
1539	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.11	5
1541	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1543	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	4
1545	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1547	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1549	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1551	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1553	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1555	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
1557	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1559	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	5
1561	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1563	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.11	5
1565	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	6
1567	100	10.89	10.89	15.	0.	0.01	0.08	15.25	15.25	32.	0.	0.03	0.12	6
1599	100	10.89	10.89	84.	0.	0.08	0.43	15.25	15.25	43.	0.	0.03	0.16	21
1601	100	10.89	10.89	61.	0.	0.06	0.31	15.25	15.25	43.	0.	0.03	0.16	15
1603	100	10.89	10.89	42.	0.	0.04	0.21	15.25	15.25	43.	0.	0.03	0.16	10
1605	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	42.	0.	0.03	0.15	8
1607	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	41.	0.	0.03	0.15	7
1609	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	39.	0.	0.03	0.14	7
1611	100	10.89	10.89	10.	0.	0.01	0.05	15.25	15.25	38.	0.	0.03	0.14	7



1613	100	10.89	10.89	7.	0.	0.01	0.03	15.25	15.25	36.	0.	0.03	0.13	6
1615	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	34.	0.	0.03	0.12	6
1617	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	31.	0.	0.02	0.11	6
1619	100	10.89	10.89	3.	0.	0.00	0.01	15.25	15.25	28.	0.	0.02	0.10	5
1836	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	77.	0.	0.06	0.28	14
1837	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	75.	0.	0.06	0.27	13
1838	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	72.	0.	0.06	0.27	13
1839	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	69.	0.	0.05	0.25	12
1840	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	67.	0.	0.05	0.24	12
1841	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	64.	0.	0.05	0.23	11
1842	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	61.	0.	0.05	0.22	11
1843	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	58.	0.	0.05	0.21	10
1844	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	56.	0.	0.04	0.20	10
1845	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	53.	0.	0.04	0.20	10
1846	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	51.	0.	0.04	0.19	9
1847	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	49.	0.	0.04	0.18	9
1848	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	46.	0.	0.04	0.17	8
1849	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	41.	0.	0.03	0.15	7
1850	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.15	7
1851	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.14	7
1852	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.13	6
1853	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.12	6
1854	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.03	0.12	6
1855	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1856	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.11	5
1857	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1858	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.09	5
1859	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1860	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1861	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.08	4
1862	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	43.	0.	0.03	0.16	8
1863	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	16.	0.	0.01	0.06	3
1864	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1865	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1866	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.07	3
1867	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.14	7
1868	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	8
1869	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1870	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.06	3
1872	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
1873	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
1874	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	31.	0.	0.02	0.11	6
1875	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.03	0.12	6
1876	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.11	5
1877	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1878	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1879	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1880	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.11	5
1881	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
1882	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1883	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1884	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.09	5
1885	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	4
1886	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1887	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	70.	0.	0.06	0.26	13
1888	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	71.	0.	0.06	0.26	13
1889	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	70.	0.	0.06	0.26	12
1890	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	68.	0.	0.05	0.25	12
1891	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	66.	0.	0.05	0.24	12
1892	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	64.	0.	0.05	0.23	11
1893	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	62.	0.	0.05	0.23	11
1894	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	59.	0.	0.05	0.22	11
1895	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	57.	0.	0.05	0.21	10
1896	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	55.	0.	0.04	0.20	10
1897	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	53.	0.	0.04	0.19	9
1898	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	51.	0.	0.04	0.19	9
1899	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	49.	0.	0.04	0.18	9
1900	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	47.	0.	0.04	0.17	8
1901	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	17.	0.	0.01	0.06	20
1902	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	18.	0.	0.01	0.07	28
1903	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	19.	0.	0.01	0.07	34
1904	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	20.	0.	0.02	0.07	38
1905	100	10.89	10.89	168.	0.	0.16	0.85	15.25	15.25	21.	0.	0.02	0.08	42
1906	100	10.89	10.89	183.	0.	0.17	0.93	15.25	15.25	22.	0.	0.02	0.08	45
1907	100	10.89	10.89	186.	0.	0.17	0.95	15.25	15.25	23.	0.	0.02	0.09	46
1908	100	10.89	10.89	189.	0.	0.18	0.96	15.25	15.25	24.	0.	0.02	0.09	47
1909	100	10.89	10.89	191.	0.	0.18	0.97	15.25	15.25	25.	0.	0.02	0.09	47
1910	100	10.89	10.89	181.	0.	0.17	0.92	15.25	15.25	26.	0.	0.02	0.09	45
1911	100	10.89	10.89	170.	0.	0.16	0.87	15.25	15.25	26.	0.	0.02	0.10	42
1912	100	10.89	10.89	158.	0.	0.15	0.80	15.25	15.25	27.	0.	0.02	0.10	39
1913	100	10.89	10.89	134.	0.	0.13	0.68	15.25	15.25	27.	0.	0.02	0.10	33
1914	100	10.89	10.89	81.	0.	0.07	0.41	15.25	15.25	20.	0.	0.02	0.07	20
1915	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	21.	0.	0.02	0.08	28
1916	100	10.89	10.89	137.	0.	0.13	0.70	15.25	15.25	21.	0.	0.02	0.08	34
1917	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	22.	0.	0.02	0.08	38



Table with columns for years (1918-1984) and various numerical values representing structural parameters and calculations.

Summary table with columns: GUSCI, spess, Af, Afc, Mom, Nor, epsC, epsF, Af, Afc, Mom, Nor, epsC, epsF, COEF. MAX %, and values for years 541-569.



571	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	17.	0.	0.01	0.06	41
573	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	17.	0.	0.01	0.06	44
575	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	17.	0.	0.01	0.06	46
577	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	16.	0.	0.01	0.06	47
579	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	15.	0.	0.01	0.06	47
581	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	15.	0.	0.01	0.05	47
583	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	14.	0.	0.01	0.05	46
585	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	13.	0.	0.01	0.05	44
587	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	13.	0.	0.01	0.05	43
589	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	12.	0.	0.01	0.04	41
591	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	11.	0.	0.01	0.04	38
593	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	10.	0.	0.01	0.04	35
595	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	9.	0.	0.01	0.03	32
597	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	8.	0.	0.01	0.03	28
599	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	7.	0.	0.01	0.03	24
601	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	6.	0.	0.00	0.02	20
603	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	5.	0.	0.00	0.02	14
605	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	4.	0.	0.00	0.01	8
607	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	2.	0.	0.00	0.01	2
609	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
611	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
613	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
615	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
617	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
619	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
621	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
623	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
625	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
627	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
629	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
631	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
633	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
635	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
637	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
639	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
641	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
643	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
645	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
647	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	1.	0.	0.00	0.00	0
649	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.00	1
651	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.00	1
653	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	1.	0.	0.00	0.00	1
655	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.00	1
657	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	1.	0.	0.00	0.00	1
659	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	1.	0.	0.00	0.00	0
661	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	10.	0.	0.01	0.04	2
663	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	10.	0.	0.01	0.04	5
665	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	10.	0.	0.01	0.04	12
667	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	11.	0.	0.01	0.04	13
669	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	11.	0.	0.01	0.04	13
671	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	12.	0.	0.01	0.04	17
673	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	13.	0.	0.01	0.05	17
675	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	13.	0.	0.01	0.05	15
677	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	14.	0.	0.01	0.05	18
679	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	14.	0.	0.01	0.05	19
681	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	15.	0.	0.01	0.05	19
683	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	15.	0.	0.01	0.06	23
685	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	17.	0.	0.01	0.06	27
687	100	10.89	10.89	124.	0.	0.11	0.63	15.25	15.25	18.	0.	0.01	0.07	31
689	100	10.89	10.89	148.	0.	0.14	0.76	15.25	15.25	18.	0.	0.01	0.07	37
691	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	18.	0.	0.01	0.07	41
693	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	18.	0.	0.01	0.07	44
695	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	18.	0.	0.01	0.07	46
697	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	18.	0.	0.01	0.07	47
699	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	18.	0.	0.01	0.06	47
701	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	17.	0.	0.01	0.06	47
703	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	17.	0.	0.01	0.06	46
705	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	16.	0.	0.01	0.06	44
707	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	16.	0.	0.01	0.06	43
709	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	15.	0.	0.01	0.06	41
711	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	15.	0.	0.01	0.05	38
713	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	14.	0.	0.01	0.05	35
715	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	13.	0.	0.01	0.05	32
717	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	12.	0.	0.01	0.04	28
719	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	10.	0.	0.01	0.04	24
721	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	9.	0.	0.01	0.03	20
723	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	7.	0.	0.01	0.03	14
725	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	6.	0.	0.00	0.02	8
727	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	4.	0.	0.00	0.02	2
729	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
731	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
733	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
735	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
737	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
739	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0



741	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
743	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
745	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
747	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
749	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
751	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
753	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
755	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
757	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
759	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
761	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
763	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
765	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
767	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	1.	0.	0.00	0.00	0
769	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.00	1
771	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.01	1
773	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	2.	0.	0.00	0.01	1
775	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	2.	0.	0.00	0.01	1
777	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	2.	0.	0.00	0.01	1
779	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	3.	0.	0.00	0.01	0
781	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	34.	0.	0.03	0.13	6
783	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	35.	0.	0.03	0.13	6
785	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	36.	0.	0.03	0.13	12
787	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	36.	0.	0.03	0.13	13
789	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	37.	0.	0.03	0.13	13
791	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	37.	0.	0.03	0.13	17
793	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	36.	0.	0.03	0.13	17
795	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	36.	0.	0.03	0.13	15
797	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	36.	0.	0.03	0.13	18
799	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	35.	0.	0.03	0.13	19
801	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	34.	0.	0.03	0.13	19
803	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	34.	0.	0.03	0.12	23
805	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	34.	0.	0.03	0.12	27
807	100	10.89	10.89	124.	0.	0.11	0.63	15.25	15.25	34.	0.	0.03	0.12	31
809	100	10.89	10.89	148.	0.	0.14	0.76	15.25	15.25	33.	0.	0.03	0.12	37
811	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	32.	0.	0.03	0.12	41
813	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	31.	0.	0.02	0.11	44
815	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	30.	0.	0.02	0.11	46
817	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	28.	0.	0.02	0.10	47
819	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	26.	0.	0.02	0.10	47
821	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	24.	0.	0.02	0.09	47
823	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	22.	0.	0.02	0.08	46
825	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	20.	0.	0.02	0.07	44
827	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	17.	0.	0.01	0.06	43
829	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	15.	0.	0.01	0.05	41
831	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	12.	0.	0.01	0.04	38
833	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	10.	0.	0.01	0.04	35
835	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	8.	0.	0.01	0.03	32
837	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	6.	0.	0.00	0.02	28
839	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	4.	0.	0.00	0.02	24
841	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	3.	0.	0.00	0.01	20
843	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	2.	0.	0.00	0.01	14
845	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	2.	0.	0.00	0.01	8
847	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	2
849	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
851	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
853	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
855	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
857	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
859	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
861	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
863	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
865	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
867	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
869	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
871	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
873	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
875	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
877	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
879	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
881	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
883	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
885	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
887	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	2.	0.	0.00	0.01	0
889	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	3.	0.	0.00	0.01	1
891	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	3.	0.	0.00	0.01	1
893	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	3.	0.	0.00	0.01	1
895	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	3.	0.	0.00	0.01	1
897	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	4.	0.	0.00	0.02	1
899	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	4.	0.	0.00	0.02	1
901	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	28.	0.	0.02	0.10	5
903	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	29.	0.	0.02	0.11	5
905	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	30.	0.	0.02	0.11	12
907	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	31.	0.	0.02	0.11	13
909	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	32.	0.	0.02	0.12	13



911	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	32.	0.	0.03	0.12	17
913	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	32.	0.	0.03	0.12	17
915	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	32.	0.	0.03	0.12	15
917	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	32.	0.	0.03	0.12	18
919	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	32.	0.	0.03	0.12	19
921	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	31.	0.	0.02	0.12	19
923	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	31.	0.	0.02	0.11	23
925	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	31.	0.	0.02	0.12	27
927	100	10.89	10.89	124.	0.	0.11	0.63	15.25	15.25	31.	0.	0.02	0.12	31
929	100	10.89	10.89	148.	0.	0.14	0.76	15.25	15.25	31.	0.	0.02	0.12	37
931	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	31.	0.	0.02	0.11	41
933	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	31.	0.	0.02	0.11	44
935	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	30.	0.	0.02	0.11	46
937	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	29.	0.	0.02	0.11	47
939	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	28.	0.	0.02	0.10	47
941	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	26.	0.	0.02	0.09	47
943	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	24.	0.	0.02	0.09	46
945	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	22.	0.	0.02	0.08	44
947	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	20.	0.	0.02	0.07	43
949	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	18.	0.	0.01	0.07	41
951	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	15.	0.	0.01	0.06	38
953	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	13.	0.	0.01	0.05	35
955	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	11.	0.	0.01	0.04	32
957	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	9.	0.	0.01	0.03	28
959	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	8.	0.	0.01	0.03	24
961	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	6.	0.	0.00	0.02	20
963	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	5.	0.	0.00	0.02	14
965	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	4.	0.	0.00	0.02	8
967	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	1.	0.	0.00	0.01	2
969	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
971	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
973	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
975	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
977	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
979	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
981	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
983	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
985	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
987	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
989	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
991	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
993	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
995	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
997	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
999	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
1001	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
1003	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
1005	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
1007	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	3.	0.	0.00	0.01	0
1009	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	3.	0.	0.00	0.01	1
1011	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	3.	0.	0.00	0.01	1
1013	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	3.	0.	0.00	0.01	1
1015	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	4.	0.	0.00	0.01	1
1017	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	4.	0.	0.00	0.01	1
1019	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	4.	0.	0.00	0.02	1
1051	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	6.	0.	0.00	0.02	41
1053	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	7.	0.	0.01	0.03	44
1055	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	7.	0.	0.01	0.03	46
1057	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	7.	0.	0.01	0.03	47
1059	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	8.	0.	0.01	0.03	47
1061	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	8.	0.	0.01	0.03	47
1063	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	8.	0.	0.01	0.03	46
1065	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	8.	0.	0.01	0.03	44
1067	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	8.	0.	0.01	0.03	43
1069	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	7.	0.	0.01	0.03	41
1071	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	7.	0.	0.01	0.02	38
1073	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	6.	0.	0.00	0.02	35
1075	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	5.	0.	0.00	0.02	32
1077	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	3.	0.	0.00	0.01	28
1079	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	2.	0.	0.00	0.01	24
1081	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	20
1083	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	14
1085	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	0.	0.	0.00	0.00	8
1087	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	2
1119	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1121	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1123	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1125	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1127	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1129	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1131	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1133	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1135	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1137	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	1
1139	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0



1141	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1143	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	0.	0.	0.00	0.00	5
1145	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	0.	0.	0.00	0.00	12
1147	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	13
1149	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1151	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	0.	0.	0.00	0.00	17
1153	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1155	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1157	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	0.	0.	0.00	0.00	18
1159	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	0.	0.	0.00	0.00	19
1161	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	0.	0.	0.00	0.00	19
1163	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	23
1165	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	0.	0.	0.00	0.00	27
1167	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1169	100	10.89	10.89	148.	0.	0.14	0.76	15.25	15.25	0.	0.	0.00	0.00	37
1171	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	0.	0.	0.00	0.00	41
1173	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	0.	0.	0.00	0.00	44
1175	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	0.	0.	0.00	0.00	46
1177	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1179	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1181	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1183	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	0.	0.	0.00	0.00	46
1185	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	0.	0.	0.00	0.00	44
1187	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	0.	0.	0.00	0.00	43
1189	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	0.	0.	0.00	0.00	41
1191	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	0.	0.	0.00	0.00	38
1193	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	0.	0.	0.00	0.00	35
1195	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1197	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	0.	0.	0.00	0.00	28
1199	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	0.	0.	0.00	0.00	24
1201	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	20
1203	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	14
1205	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	0.	0.	0.00	0.00	8
1207	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	2
1211	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1213	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1215	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1217	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1219	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1221	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1223	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1225	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1227	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1229	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1231	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1233	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1235	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1239	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1241	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1243	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1245	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1247	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1249	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1251	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1253	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1255	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1257	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	1
1259	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1261	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1263	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	0.	0.	0.00	0.00	5
1265	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	0.	0.	0.00	0.00	12
1267	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	13
1269	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1271	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	0.	0.	0.00	0.00	17
1273	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1275	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1277	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	0.	0.	0.00	0.00	18
1279	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	0.	0.	0.00	0.00	19
1281	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	0.	0.	0.00	0.00	19
1283	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	23
1285	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	0.	0.	0.00	0.00	27
1287	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1289	100	10.89	10.89	148.	0.	0.14	0.76	15.25	15.25	0.	0.	0.00	0.00	37
1291	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	0.	0.	0.00	0.00	41
1293	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	0.	0.	0.00	0.00	44
1295	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	0.	0.	0.00	0.00	46
1297	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1299	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1301	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1303	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	0.	0.	0.00	0.00	46
1305	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	0.	0.	0.00	0.00	44
1307	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	0.	0.	0.00	0.00	43
1309	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	0.	0.	0.00	0.00	41
1311	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	0.	0.	0.00	0.00	38
1313	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	0.	0.	0.00	0.00	35



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

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1315	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1317	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	0.	0.	0.00	0.00	28
1319	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	0.	0.	0.00	0.00	24
1321	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	20
1323	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	14
1325	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	0.	0.	0.00	0.00	8
1327	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	2
1331	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1333	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1335	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1337	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1339	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1341	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1343	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1345	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1347	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1349	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1351	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1353	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1355	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1359	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1361	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1363	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1365	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1367	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1369	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1371	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1373	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1375	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1377	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	1
1379	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1381	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1383	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	0.	0.	0.00	0.00	5
1385	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	0.	0.	0.00	0.00	12
1387	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	13
1389	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1391	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	0.	0.	0.00	0.00	17
1393	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1395	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1397	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	0.	0.	0.00	0.00	18
1399	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	0.	0.	0.00	0.00	19
1401	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	0.	0.	0.00	0.00	19
1403	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	23
1405	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	0.	0.	0.00	0.00	27
1407	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1409	100	10.89	10.89	148.	0.	0.14	0.76	15.25	15.25	0.	0.	0.00	0.00	37
1411	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	0.	0.	0.00	0.00	41
1413	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	0.	0.	0.00	0.00	44
1415	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	0.	0.	0.00	0.00	46
1417	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1419	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1421	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	0.	0.	0.00	0.00	47
1423	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	0.	0.	0.00	0.00	46
1425	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	0.	0.	0.00	0.00	44
1427	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	0.	0.	0.00	0.00	43
1429	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	0.	0.	0.00	0.00	41
1431	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	0.	0.	0.00	0.00	38
1433	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	0.	0.	0.00	0.00	35
1435	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1437	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	0.	0.	0.00	0.00	28
1439	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	0.	0.	0.00	0.00	24
1441	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	20
1443	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	14
1445	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	0.	0.	0.00	0.00	8
1447	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	2
1451	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1453	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1455	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1457	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1459	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1461	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1463	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1465	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1467	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1469	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1471	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1473	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1475	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1479	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1481	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1483	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1485	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1487	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1489	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1491	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1



1493	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1495	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1497	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	1
1499	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1531	100	10.89	10.89	166.	0.	0.15	0.85	15.25	15.25	19.	0.	0.01	0.07	41
1533	100	10.89	10.89	175.	0.	0.16	0.90	15.25	15.25	18.	0.	0.01	0.07	44
1535	100	10.89	10.89	184.	0.	0.17	0.94	15.25	15.25	17.	0.	0.01	0.06	46
1537	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	15.	0.	0.01	0.05	47
1539	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	13.	0.	0.01	0.05	47
1541	100	10.89	10.89	188.	0.	0.17	0.96	15.25	15.25	11.	0.	0.01	0.04	47
1543	100	10.89	10.89	185.	0.	0.17	0.94	15.25	15.25	9.	0.	0.01	0.03	46
1545	100	10.89	10.89	179.	0.	0.17	0.91	15.25	15.25	7.	0.	0.01	0.03	44
1547	100	10.89	10.89	172.	0.	0.16	0.88	15.25	15.25	5.	0.	0.00	0.02	43
1549	100	10.89	10.89	164.	0.	0.15	0.84	15.25	15.25	2.	0.	0.00	0.01	41
1551	100	10.89	10.89	153.	0.	0.14	0.78	15.25	15.25	1.	0.	0.00	0.00	38
1553	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	0.	0.	0.00	0.00	35
1555	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1557	100	10.89	10.89	111.	0.	0.10	0.57	15.25	15.25	0.	0.	0.00	0.00	28
1559	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	0.	0.	0.00	0.00	24
1561	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	20
1563	100	10.89	10.89	55.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	14
1565	100	10.89	10.89	32.	0.	0.03	0.17	15.25	15.25	0.	0.	0.00	0.00	8
1567	100	10.89	10.89	6.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	2
1599	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1601	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1603	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1605	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1607	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
1609	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1611	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1613	100	10.89	10.89	5.	0.	0.00	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1615	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1617	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	1
1619	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	1.	0.	0.00	0.00	0
1836	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1837	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	0.	0.	0.00	0.00	5
1838	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	0.	0.	0.00	0.00	12
1839	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	13
1840	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1841	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	0.	0.	0.00	0.00	17
1842	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1843	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1844	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	0.	0.	0.00	0.00	18
1845	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	0.	0.	0.00	0.00	19
1846	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	0.	0.	0.00	0.00	19
1847	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	23
1848	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	0.	0.	0.00	0.00	27
1849	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	0.	0.	0.00	0.00	1
1850	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	0.	0.	0.00	0.00	5
1851	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	0.	0.	0.00	0.00	12
1852	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	0.	0.	0.00	0.00	13
1853	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1854	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	0.	0.	0.00	0.00	17
1855	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1856	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	1.	0.	0.00	0.00	15
1857	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	2.	0.	0.00	0.01	18
1858	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	2.	0.	0.00	0.01	19
1859	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	3.	0.	0.00	0.01	19
1860	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	3.	0.	0.00	0.01	23
1861	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	5.	0.	0.00	0.02	27
1862	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1863	100	10.89	10.89	110.	0.	0.10	0.57	15.25	15.25	0.	0.	0.00	0.00	28
1864	100	10.89	10.89	119.	0.	0.11	0.61	15.25	15.25	5.	0.	0.00	0.02	30
1865	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	2.	0.	0.00	0.01	37
1866	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	0.	0.	0.00	0.00	35
1867	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	0.	0.	0.00	0.00	35
1868	100	10.89	10.89	141.	0.	0.13	0.72	15.25	15.25	0.	0.	0.00	0.00	35
1869	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	9.	0.	0.01	0.03	37
1870	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	20.	0.	0.02	0.07	35
1872	100	10.89	10.89	110.	0.	0.10	0.57	15.25	15.25	14.	0.	0.01	0.05	28
1873	100	10.89	10.89	119.	0.	0.11	0.61	15.25	15.25	20.	0.	0.02	0.07	30
1874	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	23.	0.	0.02	0.08	4
1875	100	10.89	10.89	21.	0.	0.02	0.11	15.25	15.25	23.	0.	0.02	0.09	5
1876	100	10.89	10.89	49.	0.	0.05	0.25	15.25	15.25	23.	0.	0.02	0.09	12
1877	100	10.89	10.89	54.	0.	0.05	0.28	15.25	15.25	24.	0.	0.02	0.09	13
1878	100	10.89	10.89	52.	0.	0.05	0.27	15.25	15.25	24.	0.	0.02	0.09	13
1879	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	24.	0.	0.02	0.09	17
1880	100	10.89	10.89	68.	0.	0.06	0.35	15.25	15.25	24.	0.	0.02	0.09	17
1881	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	24.	0.	0.02	0.09	15
1882	100	10.89	10.89	73.	0.	0.07	0.37	15.25	15.25	23.	0.	0.02	0.09	18
1883	100	10.89	10.89	74.	0.	0.07	0.38	15.25	15.25	23.	0.	0.02	0.08	19
1884	100	10.89	10.89	77.	0.	0.07	0.39	15.25	15.25	22.	0.	0.02	0.08	19
1885	100	10.89	10.89	94.	0.	0.09	0.48	15.25	15.25	22.	0.	0.02	0.08	23
1886	100	10.89	10.89	107.	0.	0.10	0.55	15.25	15.25	22.	0.	0.02	0.08	27
1887	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	0.	0.	0.00	0.00	1



1973	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1974	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1975	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1976	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1977	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1978	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1979	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1980	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1981	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1982	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1983	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1984	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0

L'ARMATURA È OVUNQUE > DELLA QUANTITÀ RICHIESTA: IL PUNTO 2.3 DELLE NTC È VERIFICATO (Rd > Ed)

VERIFICHE A PUNZONAMENTO

	Norm	beta	sigT	Pcrit	Ro	Acrit	VRd,c	VED	A staffe	VRd,cs	
	[kN]		[N/mm2]	[cm]	[%]	[cm2]	[kN]	[kN]	[cm2]	[kN]	
A 40	-247.121	1.11	0.010	472.9	0.11	66975.8	1455.580	206.570	0.0	0.000	SI
A 42	-324.105	1.11	0.010	422.8	0.11	55693.9	1236.370	305.160	0.0	0.000	SI
A 44	-178.319	1.10	0.010	493.1	0.11	69099.4	1802.460	127.180	0.0	0.000	SI
A 46	-117.345	1.10	0.010	327.7	0.11	28464.8	2737.410	100.450	0.0	0.000	SI
A 48	-65.661	1.10	0.010	268.0	0.11	17814.9	3134.210	54.480	0.0	0.000	SI
A 50	-27.551	1.09	0.010	238.1	0.11	8759.2	3481.410	21.220	0.0	0.000	SI
A 52	-6.124	1.96	0.010	178.4	0.11	4848.9	5217.420	7.130	0.0	0.000	SI
A 54	-1.866	4.53	0.010	137.2	0.11	2410.6	8021.990	6.050	0.0	0.000	SI
A 56	-13.561	1.20	0.010	208.3	0.11	6664.5	4060.080	9.630	0.0	0.000	SI
A 58	-38.538	1.06	0.010	268.0	0.11	11133.0	3134.210	29.810	0.0	0.000	SI
A 60	-72.136	1.04	0.010	327.7	0.11	16717.8	2737.410	58.320	0.0	0.000	SI
A 62	-106.664	1.04	0.010	357.5	0.11	19928.8	2613.410	90.480	0.0	0.000	SI
A 64	-132.297	1.03	0.010	387.3	0.11	23418.9	2516.960	113.180	0.0	0.000	SI
A 66	-142.087	1.03	0.010	417.2	0.11	27188.0	2439.810	119.320	0.0	0.000	SI
A 68	-133.490	1.09	0.010	357.5	0.11	32061.3	2613.410	113.030	0.0	0.000	SI
A 70	-108.107	1.10	0.010	327.7	0.11	28464.8	2737.410	89.980	0.0	0.000	SI
A 72	-71.563	1.11	0.010	268.0	0.11	19968.1	3134.210	59.200	0.0	0.000	SI
A 74	-30.357	1.13	0.010	208.3	0.11	12451.2	4060.080	21.820	0.0	0.000	SI
A 76	12.312	1.33	0.010	256.6	0.11	5146.7	5001.200	35.090	0.0	0.000	SI
A 78	-224.627	1.09	0.010	389.0	0.11	47167.2	1263.790	197.830	0.0	0.000	SI
A 80	-185.227	1.09	0.010	424.1	0.11	53891.0	1550.260	147.160	0.0	0.000	SI
A 82	-148.581	1.08	0.010	459.3	0.11	59931.1	1918.580	100.570	0.0	0.000	SI
A 84	-115.038	1.08	0.010	319.7	0.11	27184.2	2670.600	96.660	0.0	0.000	SI
A 86	-85.869	1.07	0.010	289.8	0.11	21021.7	2824.810	71.090	0.0	0.000	SI
A 88	-63.734	1.02	0.010	289.8	0.11	13095.3	2824.810	52.140	0.0	0.000	SI
A 90	-50.382	1.02	0.010	289.8	0.11	13095.3	2824.810	38.420	0.0	0.000	SI
A 92	-46.265	1.02	0.010	289.8	0.11	13095.3	2824.810	34.250	0.0	0.000	SI
A 94	-50.810	1.02	0.010	289.8	0.11	13095.3	2824.810	38.950	0.0	0.000	SI
A 96	-62.575	1.02	0.010	289.8	0.11	13095.3	2824.810	51.030	0.0	0.000	SI
A 98	-79.030	1.02	0.010	319.7	0.11	15950.9	2670.600	64.980	0.0	0.000	SI
A 100	-96.102	1.02	0.010	349.5	0.11	19085.6	2554.950	79.250	0.0	0.000	SI
A 102	-108.693	1.02	0.010	349.5	0.11	19085.6	2554.950	92.090	0.0	0.000	SI
A 104	-113.182	1.02	0.010	349.5	0.11	19085.6	2554.950	96.650	0.0	0.000	SI
A 106	-108.231	1.07	0.010	319.7	0.11	25635.1	2670.600	90.090	0.0	0.000	SI
A 108	-94.691	1.08	0.010	289.8	0.11	22289.8	2824.810	79.580	0.0	0.000	SI
A 110	-75.520	1.08	0.010	260.0	0.11	18928.1	3040.690	62.810	0.0	0.000	SI
A 112	-54.203	1.09	0.010	304.8	0.11	27799.5	2227.800	31.080	0.0	0.000	SI
A 114	-32.625	1.09	0.010	209.9	0.11	13696.1	2045.950	21.940	0.0	0.000	SI

MACROGUSCIO Trave2

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione	
2	Rara	(RARA)
3	Frequente	(FREQUENTE)
4	Quasi Perm	(QUASI PERMANENTE)

DATI:

copriferro inferiore (asse armatura): 5 cm
copriferro superiore (asse armatura): 5 cm

Af = area effettiva tesa (cm2 al metro)
Afc = area effettiva compressa (cm2 al metro)
Mom = momento flettente [kNm/m]
Nor = sforzo normale [kN]

σc = tensione calcestruzzo [N/mm2]
valore max per combinazione rara = 14.94 N/mm2
quasi permanente = 11.2 N/mm2

σf = tensione acciaio [N/mm2]



valore max per combinazione rara = 360 N/mm2
wkF = apertura caratteristica per combinazione frequente (mm) - valore max = 0.4 mm
wkP = apertura caratteristica per combinazione quasi permanente (mm) - valore max = 0.3 mm

DATI FRC (calcestruzzo fibrorinforzato, verifica secondo Linee Guida maggio 2022):
fFtsk = tensione di progetto in esercizio = 0 N/mm2

<-

ARMATURA INFERIORE ORIZZONTALE

Table with columns: GUSCI, Af, AfC, COMBINAZIONE RARA (Mom, Nor, sigma_c, sigma_f), COMB. FREQUENTE (Mom, Nor, wkF), COMB. QUASI PERMANENTE (Mom, Nor, sigma_c, wkP). Rows 541-685.



687	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
689	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
691	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
693	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
695	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
697	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
699	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
701	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
703	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
705	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
707	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
709	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
711	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
713	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
715	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
717	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
719	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
721	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
723	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
725	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
727	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
729	10.89	10.89	29.29	0.00	0.38	30.	26.36	0.00	0.004	23.44	0.00	0.30	0.003
731	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
733	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
735	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
737	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
739	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
741	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
743	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
745	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
747	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
749	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
751	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
753	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
755	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
757	10.89	10.89	67.98	0.00	0.87	69.	61.18	0.00	0.009	54.38	0.00	0.70	0.008
759	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
761	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
763	10.89	10.89	27.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
765	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
767	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
769	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
771	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
773	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
775	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
777	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
779	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
781	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
783	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
785	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
787	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
789	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
791	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
793	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
795	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
797	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
799	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
801	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
803	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
805	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
807	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
809	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
811	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
813	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
815	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
817	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
819	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
821	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
823	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
825	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
827	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
829	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
831	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
833	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
835	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
837	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
839	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
841	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
843	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
845	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
847	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
849	10.89	10.89	29.29	0.00	0.38	30.	26.36	0.00	0.004	23.44	0.00	0.30	0.003
851	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
853	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
855	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011



857	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
859	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
861	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
863	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
865	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
867	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
869	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
871	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
873	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
875	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
877	10.89	10.89	67.98	0.00	0.87	69.	61.18	0.00	0.009	54.38	0.00	0.70	0.008
879	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
881	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
883	10.89	10.89	27.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
885	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
887	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
889	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
891	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
893	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
895	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
897	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
899	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
901	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
903	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
905	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
907	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
909	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
911	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
913	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
915	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
917	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
919	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
921	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
923	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
925	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
927	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
929	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
931	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
933	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
935	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
937	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
939	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
941	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
943	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
945	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
947	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
949	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
951	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
953	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
955	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
957	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
959	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
961	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
963	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
965	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
967	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
969	10.89	10.89	29.29	0.00	0.38	30.	26.36	0.00	0.004	23.44	0.00	0.30	0.003
971	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
973	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
975	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
977	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
979	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
981	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
983	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
985	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
987	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
989	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
991	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
993	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
995	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
997	10.89	10.89	67.98	0.00	0.87	69.	61.18	0.00	0.009	54.38	0.00	0.70	0.008
999	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
1001	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
1003	10.89	10.89	27.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
1005	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
1007	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
1009	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
1011	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
1013	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
1015	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
1017	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
1019	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
1051	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1053	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1055	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000



1057	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1059	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1061	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1063	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1065	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1067	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1069	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1071	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1073	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1075	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1077	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1079	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1081	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1083	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1085	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1087	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
1119	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
1121	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
1123	10.89	10.89	27.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
1125	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
1127	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
1129	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
1131	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
1133	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
1135	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
1137	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
1139	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
1141	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
1143	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1145	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1147	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1149	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1151	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1153	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1155	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1157	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1159	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1161	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1163	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1165	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1167	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1169	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1171	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1173	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1175	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1177	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1179	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1181	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1183	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1185	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1187	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1189	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1191	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1193	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1195	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1197	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1199	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1201	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1203	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1205	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1207	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
1211	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
1213	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
1215	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
1217	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
1219	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
1221	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
1223	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
1225	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
1227	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
1229	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
1231	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
1233	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
1235	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
1239	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
1241	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
1243	10.89	10.89	27.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
1245	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
1247	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
1249	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
1251	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
1253	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
1255	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
1257	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
1259	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000



1261	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
1263	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1265	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1267	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1269	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1271	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1273	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1275	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1277	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1279	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1281	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1283	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1285	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1287	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1289	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1291	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1293	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1295	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1297	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1299	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1301	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1303	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1305	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1307	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1309	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1311	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1313	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1315	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1317	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1319	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1321	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1323	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1325	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1327	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
1331	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
1333	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
1335	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
1337	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
1339	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
1341	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
1343	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
1345	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
1347	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
1349	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
1351	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
1353	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
1355	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
1359	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
1361	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
1363	10.89	10.89	29.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
1365	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
1367	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
1369	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
1371	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
1373	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
1375	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
1377	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
1379	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
1381	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
1383	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1385	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1387	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1389	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1391	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1393	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1395	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1397	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1399	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1401	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1403	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1405	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1407	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1409	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1411	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1413	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1415	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1417	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1419	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1421	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1423	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1425	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1427	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1429	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1431	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1433	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000



1435	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1437	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1439	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1441	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1443	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1445	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1447	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
1451	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
1453	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
1455	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
1457	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
1459	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
1461	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
1463	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
1465	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
1467	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
1469	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
1471	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
1473	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
1475	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
1479	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
1481	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
1483	10.89	10.89	27.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
1485	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
1487	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
1489	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
1491	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
1493	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
1495	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
1497	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
1499	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
1531	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1533	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1535	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1537	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1539	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1541	10.89	10.89	0.00	0.01	0.00	1.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1543	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1545	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1547	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1549	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1551	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1553	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1555	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1557	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1559	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1561	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1563	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1565	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1567	10.89	10.89	4.55	0.00	0.06	5.	4.09	0.00	0.001	3.64	0.00	0.05	0.001
1599	10.89	10.89	55.77	0.00	0.72	57.	50.19	0.00	0.007	44.62	0.00	0.57	0.007
1601	10.89	10.89	39.27	0.00	0.51	40.	35.34	0.00	0.005	31.42	0.00	0.40	0.005
1603	10.89	10.89	27.67	0.00	0.36	28.	24.90	0.00	0.004	22.13	0.00	0.28	0.003
1605	10.89	10.89	20.43	0.00	0.26	21.	18.39	0.00	0.003	16.34	0.00	0.21	0.002
1607	10.89	10.89	13.04	0.00	0.17	13.	11.73	0.00	0.002	10.43	0.00	0.13	0.002
1609	10.89	10.89	8.46	0.00	0.11	9.	7.62	0.00	0.001	6.77	0.00	0.09	0.001
1611	10.89	10.89	6.33	0.00	0.08	6.	5.70	0.00	0.001	5.07	0.00	0.07	0.001
1613	10.89	10.89	4.13	0.00	0.05	4.	3.71	0.00	0.001	3.30	0.00	0.04	0.000
1615	10.89	10.89	2.81	0.00	0.04	3.	2.53	0.00	0.000	2.25	0.00	0.03	0.000
1617	10.89	10.89	2.13	0.00	0.03	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
1619	10.89	10.89	1.75	0.00	0.02	2.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
1836	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
1837	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1838	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1839	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1840	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1841	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1842	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1843	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1844	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1845	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1846	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1847	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1848	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1849	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
1850	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1851	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1852	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1853	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1854	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1855	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1856	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1857	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1858	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1859	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000



1860	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1861	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1862	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1863	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1864	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1865	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1866	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1867	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1868	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1869	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1870	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1872	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1873	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1874	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
1875	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1876	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1877	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1878	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1879	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1880	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1881	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1882	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1883	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1884	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1885	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1886	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1887	10.89	10.89	2.74	0.00	0.04	3.	2.46	0.00	0.000	2.19	0.00	0.03	0.000
1888	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1889	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1890	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1891	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1892	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1893	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1894	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1895	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.00	0.00	0.000
1896	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1897	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1898	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1899	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1900	10.89	10.89	0.00	0.01	0.00	0.	0.00	0.01	0.000	0.00	0.01	0.00	0.000
1901	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
1902	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
1903	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
1904	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
1905	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
1906	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
1907	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
1908	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
1909	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
1910	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
1911	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
1912	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
1913	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
1914	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
1915	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
1916	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
1917	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
1918	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
1919	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
1920	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
1921	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
1922	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
1923	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
1924	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
1925	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
1926	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
1927	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
1928	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
1929	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
1930	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
1931	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
1932	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014
1933	10.89	10.89	124.15	0.00	1.60	127.	111.73	0.00	0.016	99.32	0.00	1.28	0.015
1934	10.89	10.89	125.89	0.00	1.62	128.	113.30	0.00	0.017	100.71	0.00	1.30	0.015
1935	10.89	10.89	127.60	0.00	1.64	130.	114.84	0.00	0.017	102.08	0.00	1.31	0.015
1936	10.89	10.89	120.91	0.00	1.56	123.	108.81	0.00	0.016	96.72	0.00	1.24	0.014
1937	10.89	10.89	113.34	0.00	1.46	116.	102.01	0.00	0.015	90.67	0.00	1.17	0.013
1938	10.89	10.89	105.34	0.00	1.35	107.	94.80	0.00	0.014	84.27	0.00	1.08	0.012
1939	10.89	10.89	88.77	0.00	1.14	90.	79.89	0.00	0.012	71.01	0.00	0.91	0.010
1940	10.89	10.89	52.45	0.00	0.67	54.	47.21	0.00	0.007	41.96	0.00	0.54	0.006
1941	10.89	10.89	72.81	0.00	0.94	74.	65.53	0.00	0.010	58.25	0.00	0.75	0.009
1942	10.89	10.89	91.62	0.00	1.18	94.	82.46	0.00	0.012	73.30	0.00	0.94	0.011
1943	10.89	10.89	101.87	0.00	1.31	104.	91.68	0.00	0.014	81.50	0.00	1.05	0.012
1944	10.89	10.89	111.80	0.00	1.44	114.	100.62	0.00	0.015	89.44	0.00	1.15	0.013
1945	10.89	10.89	122.16	0.00	1.57	125.	109.95	0.00	0.016	97.73	0.00	1.26	0.014



Table with 12 columns representing years from 1946 to 1984 and various numerical values for structural analysis.

ARMATURA INFERIORE VERTICALE

Table with 4 main columns: GUSCI, COMBINAZIONE RARA, COMB. FREQUENTE, and COMB. QUASI PERMANENTE, detailing reinforcement data for various structural elements.



621	15.25	15.25	2.81	0.00	0.03	2.	2.53	0.00	0.000	2.25	0.00	0.02	0.000
623	15.25	15.25	3.00	0.00	0.03	2.	2.70	0.00	0.000	2.40	0.00	0.03	0.000
625	15.25	15.25	3.13	0.00	0.03	2.	2.82	0.00	0.000	2.51	0.00	0.03	0.000
627	15.25	15.25	3.24	0.00	0.04	2.	2.92	0.00	0.000	2.59	0.00	0.03	0.000
629	15.25	15.25	3.28	0.00	0.04	2.	2.95	0.00	0.000	2.63	0.00	0.03	0.000
631	15.25	15.25	3.23	0.00	0.04	2.	2.91	0.00	0.000	2.58	0.00	0.03	0.000
633	15.25	15.25	3.15	0.00	0.03	2.	2.84	0.00	0.000	2.52	0.00	0.03	0.000
635	15.25	15.25	3.05	0.00	0.03	2.	2.74	0.00	0.000	2.44	0.00	0.03	0.000
637	15.25	15.25	2.89	0.00	0.03	2.	2.60	0.00	0.000	2.31	0.00	0.03	0.000
639	15.25	15.25	2.85	0.00	0.03	2.	2.56	0.00	0.000	2.28	0.00	0.02	0.000
641	15.25	15.25	2.80	0.00	0.03	2.	2.52	0.00	0.000	2.24	0.00	0.02	0.000
643	15.25	15.25	2.70	0.00	0.03	2.	2.43	0.00	0.000	2.16	0.00	0.02	0.000
645	15.25	15.25	2.58	0.00	0.03	2.	2.32	0.00	0.000	2.06	0.00	0.02	0.000
647	15.25	15.25	2.45	0.00	0.03	2.	2.21	0.00	0.000	1.96	0.00	0.02	0.000
649	15.25	15.25	2.25	0.00	0.02	2.	2.03	0.00	0.000	1.80	0.00	0.02	0.000
651	15.25	15.25	2.06	0.00	0.02	2.	1.86	0.00	0.000	1.65	0.00	0.02	0.000
653	15.25	15.25	1.89	0.00	0.02	1.	1.70	0.00	0.000	1.52	0.00	0.02	0.000
655	15.25	15.25	1.69	0.00	0.02	1.	1.52	0.00	0.000	1.36	0.00	0.01	0.000
657	15.25	15.25	1.56	0.00	0.02	1.	1.40	0.00	0.000	1.25	0.00	0.01	0.000
659	15.25	15.25	1.50	0.00	0.02	1.	1.35	0.00	0.000	1.20	0.00	0.01	0.000
661	15.25	15.25	4.51	0.00	0.05	3.	4.06	0.00	0.000	3.61	0.00	0.04	0.000
663	15.25	15.25	4.01	0.00	0.04	3.	3.61	0.00	0.000	3.21	0.00	0.03	0.000
665	15.25	15.25	3.50	0.00	0.04	3.	3.15	0.00	0.000	2.80	0.00	0.03	0.000
667	15.25	15.25	2.94	0.00	0.03	2.	2.65	0.00	0.000	2.35	0.00	0.03	0.000
669	15.25	15.25	2.55	0.00	0.03	2.	2.30	0.00	0.000	2.04	0.00	0.02	0.000
671	15.25	15.25	2.12	0.00	0.02	2.	1.91	0.00	0.000	1.70	0.00	0.02	0.000
673	15.25	15.25	1.63	0.00	0.02	1.	1.47	0.00	0.000	1.31	0.00	0.01	0.000
675	15.25	15.25	1.19	0.00	0.01	1.	1.07	0.00	0.000	0.95	0.00	0.01	0.000
677	15.25	15.25	0.80	0.00	0.01	1.	0.72	0.00	0.000	0.64	0.00	0.01	0.000
679	15.25	15.25	0.38	0.00	0.00	0.	0.35	0.00	0.000	0.31	0.00	0.00	0.000
681	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
683	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
685	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
687	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
689	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
691	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
693	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
695	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
697	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
699	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
701	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
703	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
705	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
707	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
709	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
711	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
713	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
715	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
717	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
719	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
721	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
723	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
725	15.25	15.25	1.74	0.00	0.02	1.	1.56	0.00	0.000	1.39	0.00	0.02	0.000
727	15.25	15.25	2.48	0.00	0.03	2.	2.23	0.00	0.000	1.98	0.00	0.02	0.000
729	15.25	15.25	2.76	0.00	0.03	2.	2.49	0.00	0.000	2.21	0.00	0.02	0.000
731	15.25	15.25	3.07	0.00	0.03	2.	2.76	0.00	0.000	2.46	0.00	0.03	0.000
733	15.25	15.25	3.21	0.00	0.03	2.	2.89	0.00	0.000	2.57	0.00	0.03	0.000
735	15.25	15.25	3.40	0.00	0.04	2.	3.06	0.00	0.000	2.72	0.00	0.03	0.000
737	15.25	15.25	3.66	0.00	0.04	3.	3.29	0.00	0.000	2.93	0.00	0.03	0.000
739	15.25	15.25	3.82	0.00	0.04	3.	3.44	0.00	0.000	3.06	0.00	0.03	0.000
741	15.25	15.25	3.99	0.00	0.04	3.	3.59	0.00	0.000	3.20	0.00	0.03	0.000
743	15.25	15.25	4.20	0.00	0.05	3.	3.78	0.00	0.000	3.36	0.00	0.04	0.000
745	15.25	15.25	4.24	0.00	0.05	3.	3.82	0.00	0.000	3.40	0.00	0.04	0.000
747	15.25	15.25	4.23	0.00	0.05	3.	3.81	0.00	0.000	3.38	0.00	0.04	0.000
749	15.25	15.25	4.20	0.00	0.05	3.	3.78	0.00	0.000	3.36	0.00	0.04	0.000
751	15.25	15.25	3.97	0.00	0.04	3.	3.58	0.00	0.000	3.18	0.00	0.03	0.000
753	15.25	15.25	3.68	0.00	0.04	3.	3.31	0.00	0.000	2.95	0.00	0.03	0.000
755	15.25	15.25	3.47	0.00	0.04	3.	3.12	0.00	0.000	2.78	0.00	0.03	0.000
757	15.25	15.25	3.17	0.00	0.03	2.	2.85	0.00	0.000	2.54	0.00	0.03	0.000
759	15.25	15.25	2.96	0.00	0.03	2.	2.66	0.00	0.000	2.37	0.00	0.03	0.000
761	15.25	15.25	2.82	0.00	0.03	2.	2.53	0.00	0.000	2.25	0.00	0.02	0.000
763	15.25	15.25	2.54	0.00	0.03	2.	2.28	0.00	0.000	2.03	0.00	0.02	0.000
765	15.25	15.25	2.19	0.00	0.02	2.	1.97	0.00	0.000	1.75	0.00	0.02	0.000
767	15.25	15.25	1.91	0.00	0.02	1.	1.72	0.00	0.000	1.53	0.00	0.02	0.000
769	15.25	15.25	1.51	0.00	0.02	1.	1.36	0.00	0.000	1.21	0.00	0.01	0.000
771	15.25	15.25	1.08	0.00	0.01	1.	0.97	0.00	0.000	0.86	0.00	0.01	0.000
773	15.25	15.25	0.76	0.00	0.01	1.	0.68	0.00	0.000	0.61	0.00	0.01	0.000
775	15.25	15.25	0.39	0.00	0.00	0.	0.35	0.00	0.000	0.31	0.00	0.00	0.000
777	15.25	15.25	0.06	0.00	0.00	0.	0.05	0.00	0.000	0.05	0.00	0.00	0.000
779	15.25	15.25	0.01	0.00	0.00	0.	0.01	0.00	0.000	0.01	0.00	0.00	0.000
781	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
783	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
785	15.25	15.25	0.16	0.00	0.00	0.	0.14	0.00	0.000	0.13	0.00	0.00	0.000
787	15.25	15.25	0.87	0.00	0.01	1.	0.78	0.00	0.000	0.70	0.00	0.01	0.000
789	15.25	15.25	1.32	0.00	0.01	1.	1.18	0.00	0.000	1.05	0.00	0.01	0.000



791	15.25	15.25	1.68	0.00	0.02	1.	1.51	0.00	0.000	1.34	0.00	0.01	0.000
793	15.25	15.25	1.86	0.00	0.02	1.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
795	15.25	15.25	1.92	0.00	0.02	1.	1.73	0.00	0.000	1.53	0.00	0.02	0.000
797	15.25	15.25	1.93	0.00	0.02	1.	1.74	0.00	0.000	1.55	0.00	0.02	0.000
799	15.25	15.25	1.90	0.00	0.02	1.	1.71	0.00	0.000	1.52	0.00	0.02	0.000
801	15.25	15.25	1.83	0.00	0.02	1.	1.65	0.00	0.000	1.47	0.00	0.02	0.000
803	15.25	15.25	1.75	0.00	0.02	1.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
805	15.25	15.25	1.53	0.00	0.02	1.	1.37	0.00	0.000	1.22	0.00	0.01	0.000
807	15.25	15.25	1.48	0.00	0.02	1.	1.33	0.00	0.000	1.19	0.00	0.01	0.000
809	15.25	15.25	1.84	0.00	0.02	1.	1.66	0.00	0.000	1.47	0.00	0.02	0.000
811	15.25	15.25	2.43	0.00	0.03	2.	2.19	0.00	0.000	1.95	0.00	0.02	0.000
813	15.25	15.25	2.70	0.00	0.03	2.	2.43	0.00	0.000	2.16	0.00	0.02	0.000
815	15.25	15.25	2.94	0.00	0.03	2.	2.65	0.00	0.000	2.35	0.00	0.03	0.000
817	15.25	15.25	3.17	0.00	0.03	2.	2.86	0.00	0.000	2.54	0.00	0.03	0.000
819	15.25	15.25	3.09	0.00	0.03	2.	2.79	0.00	0.000	2.48	0.00	0.03	0.000
821	15.25	15.25	3.02	0.00	0.03	2.	2.72	0.00	0.000	2.41	0.00	0.03	0.000
823	15.25	15.25	2.92	0.00	0.03	2.	2.63	0.00	0.000	2.34	0.00	0.03	0.000
825	15.25	15.25	2.64	0.00	0.03	2.	2.37	0.00	0.000	2.11	0.00	0.02	0.000
827	15.25	15.25	2.41	0.00	0.03	2.	2.17	0.00	0.000	1.93	0.00	0.02	0.000
829	15.25	15.25	2.22	0.00	0.02	2.	2.00	0.00	0.000	1.78	0.00	0.02	0.000
831	15.25	15.25	1.97	0.00	0.02	1.	1.77	0.00	0.000	1.57	0.00	0.02	0.000
833	15.25	15.25	1.84	0.00	0.02	1.	1.66	0.00	0.000	1.48	0.00	0.02	0.000
835	15.25	15.25	1.74	0.00	0.02	1.	1.57	0.00	0.000	1.40	0.00	0.02	0.000
837	15.25	15.25	1.61	0.00	0.02	1.	1.45	0.00	0.000	1.29	0.00	0.01	0.000
839	15.25	15.25	1.63	0.00	0.02	1.	1.46	0.00	0.000	1.30	0.00	0.01	0.000
841	15.25	15.25	1.66	0.00	0.02	1.	1.49	0.00	0.000	1.33	0.00	0.01	0.000
843	15.25	15.25	1.77	0.00	0.02	1.	1.59	0.00	0.000	1.42	0.00	0.02	0.000
845	15.25	15.25	3.15	0.00	0.03	2.	2.83	0.00	0.000	2.52	0.00	0.03	0.000
847	15.25	15.25	2.94	0.00	0.03	2.	2.65	0.00	0.000	2.36	0.00	0.03	0.000
849	15.25	15.25	2.78	0.00	0.03	2.	2.50	0.00	0.000	2.22	0.00	0.02	0.000
851	15.25	15.25	2.87	0.00	0.03	2.	2.58	0.00	0.000	2.30	0.00	0.02	0.000
853	15.25	15.25	3.11	0.00	0.03	2.	2.80	0.00	0.000	2.49	0.00	0.03	0.000
855	15.25	15.25	3.38	0.00	0.04	3.	3.04	0.00	0.000	2.70	0.00	0.03	0.000
857	15.25	15.25	3.81	0.00	0.04	3.	3.43	0.00	0.000	3.05	0.00	0.03	0.000
859	15.25	15.25	4.28	0.00	0.05	3.	3.85	0.00	0.000	3.42	0.00	0.04	0.000
861	15.25	15.25	4.69	0.00	0.05	3.	4.22	0.00	0.000	3.76	0.00	0.04	0.000
863	15.25	15.25	5.20	0.00	0.06	4.	4.68	0.00	0.000	4.16	0.00	0.05	0.000
865	15.25	15.25	5.76	0.00	0.06	4.	5.19	0.00	0.000	4.61	0.00	0.05	0.000
867	15.25	15.25	6.28	0.00	0.07	5.	5.65	0.00	0.000	5.03	0.00	0.05	0.000
869	15.25	15.25	6.85	0.00	0.07	5.	6.16	0.00	0.000	5.48	0.00	0.06	0.000
871	15.25	15.25	7.50	0.00	0.08	6.	6.75	0.00	0.001	6.00	0.00	0.07	0.000
873	15.25	15.25	8.08	0.00	0.09	6.	7.27	0.00	0.001	6.46	0.00	0.07	0.000
875	15.25	15.25	8.57	0.00	0.09	6.	7.71	0.00	0.001	6.85	0.00	0.07	0.001
877	15.25	15.25	9.05	0.00	0.10	7.	8.15	0.00	0.001	7.24	0.00	0.08	0.001
879	15.25	15.25	9.49	0.00	0.10	7.	8.54	0.00	0.001	7.59	0.00	0.08	0.001
881	15.25	15.25	9.88	0.00	0.11	7.	8.89	0.00	0.001	7.91	0.00	0.09	0.001
883	15.25	15.25	10.36	0.00	0.11	8.	9.32	0.00	0.001	8.28	0.00	0.09	0.001
885	15.25	15.25	10.67	0.00	0.12	8.	9.60	0.00	0.001	8.54	0.00	0.09	0.001
887	15.25	15.25	10.90	0.00	0.12	8.	9.81	0.00	0.001	8.72	0.00	0.09	0.001
889	15.25	15.25	11.24	0.00	0.12	8.	10.12	0.00	0.001	8.99	0.00	0.10	0.001
891	15.25	15.25	11.36	0.00	0.12	8.	10.22	0.00	0.001	9.09	0.00	0.10	0.001
893	15.25	15.25	11.39	0.00	0.12	8.	10.25	0.00	0.001	9.11	0.00	0.10	0.001
895	15.25	15.25	11.52	0.00	0.13	8.	10.37	0.00	0.001	9.21	0.00	0.10	0.001
897	15.25	15.25	11.36	0.00	0.12	8.	10.22	0.00	0.001	9.09	0.00	0.10	0.001
899	15.25	15.25	11.03	0.00	0.12	8.	9.93	0.00	0.001	8.82	0.00	0.10	0.001
901	15.25	15.25	1.54	0.00	0.02	1.	1.38	0.00	0.000	1.23	0.00	0.01	0.000
903	15.25	15.25	2.13	0.00	0.02	2.	1.92	0.00	0.000	1.71	0.00	0.02	0.000
905	15.25	15.25	2.65	0.00	0.03	2.	2.39	0.00	0.000	2.12	0.00	0.02	0.000
907	15.25	15.25	3.04	0.00	0.03	2.	2.73	0.00	0.000	2.43	0.00	0.03	0.000
909	15.25	15.25	3.24	0.00	0.04	2.	2.92	0.00	0.000	2.59	0.00	0.03	0.000
911	15.25	15.25	3.32	0.00	0.04	2.	2.99	0.00	0.000	2.66	0.00	0.03	0.000
913	15.25	15.25	3.30	0.00	0.04	2.	2.97	0.00	0.000	2.64	0.00	0.03	0.000
915	15.25	15.25	3.19	0.00	0.03	2.	2.87	0.00	0.000	2.55	0.00	0.03	0.000
917	15.25	15.25	3.03	0.00	0.03	2.	2.73	0.00	0.000	2.42	0.00	0.03	0.000
919	15.25	15.25	2.84	0.00	0.03	2.	2.56	0.00	0.000	2.28	0.00	0.02	0.000
921	15.25	15.25	2.64	0.00	0.03	2.	2.38	0.00	0.000	2.11	0.00	0.02	0.000
923	15.25	15.25	2.43	0.00	0.03	2.	2.19	0.00	0.000	1.94	0.00	0.02	0.000
925	15.25	15.25	2.33	0.00	0.03	2.	2.10	0.00	0.000	1.86	0.00	0.02	0.000
927	15.25	15.25	2.22	0.00	0.02	2.	2.00	0.00	0.000	1.77	0.00	0.02	0.000
929	15.25	15.25	2.17	0.00	0.02	2.	1.95	0.00	0.000	1.73	0.00	0.02	0.000
931	15.25	15.25	2.19	0.00	0.02	2.	1.97	0.00	0.000	1.76	0.00	0.02	0.000
933	15.25	15.25	2.18	0.00	0.02	2.	1.96	0.00	0.000	1.74	0.00	0.02	0.000
935	15.25	15.25	2.09	0.00	0.02	2.	1.88	0.00	0.000	1.68	0.00	0.02	0.000
937	15.25	15.25	1.98	0.00	0.02	1.	1.78	0.00	0.000	1.58	0.00	0.02	0.000
939	15.25	15.25	1.79	0.00	0.02	1.	1.61	0.00	0.000	1.44	0.00	0.02	0.000
941	15.25	15.25	1.56	0.00	0.02	1.	1.41	0.00	0.000	1.25	0.00	0.01	0.000
943	15.25	15.25	1.34	0.00	0.01	1.	1.20	0.00	0.000	1.07	0.00	0.01	0.000
945	15.25	15.25	1.10	0.00	0.01	1.	0.99	0.00	0.000	0.88	0.00	0.01	0.000
947	15.25	15.25	0.88	0.00	0.01	1.	0.79	0.00	0.000	0.71	0.00	0.01	0.000
949	15.25	15.25	0.71	0.00	0.01	1.	0.64	0.00	0.000	0.57	0.00	0.01	0.000
951	15.25	15.25	0.58	0.00	0.01	0.	0.52	0.00	0.000	0.46	0.00	0.01	0.000
953	15.25	15.25	0.50	0.00	0.01	0.	0.45	0.00	0.000	0.40	0.00	0.00	0.000
955	15.25	15.25	0.49	0.00	0.01	0.	0.44	0.00	0.000	0.39	0.00	0.00	0.000
957	15.25	15.25	0.54	0.00	0.01	0.	0.49	0.00	0.000	0.43	0.00	0.00	0.000
959	15.25	15.25	0.67	0.00	0.01	1.	0.60	0.00	0.000	0.53	0.00	0.01	0.000



961	15.25	15.25	0.92	0.00	0.01	1.	0.83	0.00	0.000	0.74	0.00	0.01	0.000
963	15.25	15.25	1.50	0.00	0.02	1.	1.35	0.00	0.000	1.20	0.00	0.01	0.000
965	15.25	15.25	3.34	0.00	0.04	2.	3.01	0.00	0.000	2.67	0.00	0.03	0.000
967	15.25	15.25	3.24	0.00	0.04	2.	2.91	0.00	0.000	2.59	0.00	0.03	0.000
969	15.25	15.25	3.23	0.00	0.04	2.	2.91	0.00	0.000	2.58	0.00	0.03	0.000
971	15.25	15.25	3.36	0.00	0.04	2.	3.02	0.00	0.000	2.69	0.00	0.03	0.000
973	15.25	15.25	3.63	0.00	0.04	3.	3.27	0.00	0.000	2.90	0.00	0.03	0.000
975	15.25	15.25	3.96	0.00	0.04	3.	3.56	0.00	0.000	3.17	0.00	0.03	0.000
977	15.25	15.25	4.36	0.00	0.05	3.	3.92	0.00	0.000	3.49	0.00	0.04	0.000
979	15.25	15.25	4.80	0.00	0.05	4.	4.32	0.00	0.000	3.84	0.00	0.04	0.000
981	15.25	15.25	5.24	0.00	0.06	4.	4.72	0.00	0.000	4.19	0.00	0.05	0.000
983	15.25	15.25	5.68	0.00	0.06	4.	5.11	0.00	0.000	4.54	0.00	0.05	0.000
985	15.25	15.25	6.13	0.00	0.07	5.	5.52	0.00	0.000	4.91	0.00	0.05	0.000
987	15.25	15.25	6.57	0.00	0.07	5.	5.91	0.00	0.000	5.25	0.00	0.06	0.000
989	15.25	15.25	6.98	0.00	0.08	5.	6.28	0.00	0.000	5.58	0.00	0.06	0.000
991	15.25	15.25	7.39	0.00	0.08	5.	6.65	0.00	0.000	5.91	0.00	0.06	0.000
993	15.25	15.25	7.76	0.00	0.08	6.	6.99	0.00	0.001	6.21	0.00	0.07	0.000
995	15.25	15.25	8.04	0.00	0.09	6.	7.23	0.00	0.001	6.43	0.00	0.07	0.000
997	15.25	15.25	8.25	0.00	0.09	6.	7.43	0.00	0.001	6.60	0.00	0.07	0.000
999	15.25	15.25	8.63	0.00	0.09	6.	7.77	0.00	0.001	6.90	0.00	0.08	0.001
1001	15.25	15.25	8.94	0.00	0.10	7.	8.04	0.00	0.001	7.15	0.00	0.08	0.001
1003	15.25	15.25	9.23	0.00	0.10	7.	8.31	0.00	0.001	7.39	0.00	0.08	0.001
1005	15.25	15.25	9.48	0.00	0.10	7.	8.53	0.00	0.001	7.58	0.00	0.08	0.001
1007	15.25	15.25	9.63	0.00	0.10	7.	8.67	0.00	0.001	7.71	0.00	0.08	0.001
1009	15.25	15.25	9.78	0.00	0.11	7.	8.80	0.00	0.001	7.82	0.00	0.09	0.001
1011	15.25	15.25	9.85	0.00	0.11	7.	8.87	0.00	0.001	7.88	0.00	0.09	0.001
1013	15.25	15.25	9.81	0.00	0.11	7.	8.83	0.00	0.001	7.85	0.00	0.09	0.001
1015	15.25	15.25	9.73	0.00	0.11	7.	8.75	0.00	0.001	7.78	0.00	0.08	0.001
1017	15.25	15.25	9.54	0.00	0.10	7.	8.58	0.00	0.001	7.63	0.00	0.08	0.001
1019	15.25	15.25	9.18	0.00	0.10	7.	8.26	0.00	0.001	7.34	0.00	0.08	0.001
1051	15.25	15.25	10.20	0.00	0.11	8.	9.18	0.00	0.001	8.16	0.00	0.09	0.001
1053	15.25	15.25	8.89	0.00	0.10	7.	8.00	0.00	0.001	7.11	0.00	0.08	0.001
1055	15.25	15.25	7.55	0.00	0.08	6.	6.80	0.00	0.001	6.04	0.00	0.07	0.000
1057	15.25	15.25	6.38	0.00	0.07	5.	5.74	0.00	0.000	5.11	0.00	0.06	0.000
1059	15.25	15.25	5.35	0.00	0.06	4.	4.81	0.00	0.000	4.28	0.00	0.05	0.000
1061	15.25	15.25	4.39	0.00	0.05	3.	3.95	0.00	0.000	3.52	0.00	0.04	0.000
1063	15.25	15.25	3.67	0.00	0.04	3.	3.31	0.00	0.000	2.94	0.00	0.03	0.000
1065	15.25	15.25	3.20	0.00	0.03	2.	2.88	0.00	0.000	2.56	0.00	0.03	0.000
1067	15.25	15.25	2.84	0.00	0.03	2.	2.55	0.00	0.000	2.27	0.00	0.02	0.000
1069	15.25	15.25	2.88	0.00	0.03	2.	2.59	0.00	0.000	2.30	0.00	0.03	0.000
1071	15.25	15.25	3.33	0.00	0.04	2.	3.00	0.00	0.000	2.67	0.00	0.03	0.000
1073	15.25	15.25	3.68	0.00	0.04	3.	3.31	0.00	0.000	2.94	0.00	0.03	0.000
1075	15.25	15.25	4.32	0.00	0.05	3.	3.89	0.00	0.000	3.46	0.00	0.04	0.000
1077	15.25	15.25	5.07	0.00	0.06	4.	4.57	0.00	0.000	4.06	0.00	0.04	0.000
1079	15.25	15.25	5.97	0.00	0.06	4.	5.37	0.00	0.000	4.77	0.00	0.05	0.000
1081	15.25	15.25	7.18	0.00	0.08	5.	6.46	0.00	0.000	5.74	0.00	0.06	0.000
1083	15.25	15.25	8.96	0.00	0.10	7.	8.07	0.00	0.001	7.17	0.00	0.08	0.001
1085	15.25	15.25	11.65	0.00	0.13	9.	10.48	0.00	0.001	9.32	0.00	0.10	0.001
1087	15.25	15.25	12.40	0.00	0.13	9.	11.16	0.00	0.001	9.92	0.00	0.11	0.001
1119	15.25	15.25	11.51	0.00	0.13	8.	10.36	0.00	0.001	9.21	0.00	0.10	0.001
1121	15.25	15.25	10.94	0.00	0.12	8.	9.85	0.00	0.001	8.75	0.00	0.10	0.001
1123	15.25	15.25	10.45	0.00	0.11	8.	9.41	0.00	0.001	8.36	0.00	0.09	0.001
1125	15.25	15.25	9.89	0.00	0.11	7.	8.90	0.00	0.001	7.91	0.00	0.09	0.001
1127	15.25	15.25	9.09	0.00	0.10	7.	8.18	0.00	0.001	7.27	0.00	0.08	0.001
1129	15.25	15.25	8.44	0.00	0.09	6.	7.59	0.00	0.001	6.75	0.00	0.07	0.001
1131	15.25	15.25	7.71	0.00	0.08	6.	6.94	0.00	0.001	6.17	0.00	0.07	0.000
1133	15.25	15.25	6.77	0.00	0.07	5.	6.09	0.00	0.000	5.42	0.00	0.06	0.000
1135	15.25	15.25	6.09	0.00	0.07	4.	5.48	0.00	0.000	4.87	0.00	0.05	0.000
1137	15.25	15.25	5.45	0.00	0.06	4.	4.91	0.00	0.000	4.36	0.00	0.05	0.000
1139	15.25	15.25	4.53	0.00	0.05	3.	4.08	0.00	0.000	3.62	0.00	0.04	0.000
1141	15.25	15.25	71.78	0.00	0.78	53.	64.60	0.00	0.005	57.42	0.00	0.63	0.004
1143	15.25	15.25	69.86	0.00	0.76	51.	62.87	0.00	0.005	55.89	0.00	0.61	0.004
1145	15.25	15.25	67.56	0.00	0.74	50.	60.81	0.00	0.005	54.05	0.00	0.59	0.004
1147	15.25	15.25	64.89	0.00	0.71	48.	58.40	0.00	0.004	51.91	0.00	0.57	0.004
1149	15.25	15.25	62.08	0.00	0.68	46.	55.87	0.00	0.004	49.66	0.00	0.54	0.004
1151	15.25	15.25	59.38	0.00	0.65	44.	53.44	0.00	0.004	47.50	0.00	0.52	0.004
1153	15.25	15.25	56.74	0.00	0.62	42.	51.06	0.00	0.004	45.39	0.00	0.49	0.003
1155	15.25	15.25	54.20	0.00	0.59	40.	48.78	0.00	0.004	43.36	0.00	0.47	0.003
1157	15.25	15.25	51.80	0.00	0.56	38.	46.62	0.00	0.003	41.44	0.00	0.45	0.003
1159	15.25	15.25	49.52	0.00	0.54	36.	44.57	0.00	0.003	39.62	0.00	0.43	0.003
1161	15.25	15.25	47.40	0.00	0.52	35.	42.66	0.00	0.003	37.92	0.00	0.41	0.003
1163	15.25	15.25	45.41	0.00	0.49	33.	40.87	0.00	0.003	36.33	0.00	0.40	0.003
1165	15.25	15.25	42.30	0.00	0.46	31.	38.07	0.00	0.003	33.84	0.00	0.37	0.003
1167	15.25	15.25	39.34	0.00	0.43	29.	35.41	0.00	0.003	31.48	0.00	0.34	0.002
1169	15.25	15.25	36.14	0.00	0.39	27.	32.53	0.00	0.002	28.91	0.00	0.31	0.002
1171	15.25	15.25	32.76	0.00	0.36	24.	29.48	0.00	0.002	26.21	0.00	0.29	0.002
1173	15.25	15.25	29.73	0.00	0.32	22.	26.76	0.00	0.002	23.78	0.00	0.26	0.002
1175	15.25	15.25	26.83	0.00	0.29	20.	24.15	0.00	0.002	21.47	0.00	0.23	0.002
1177	15.25	15.25	24.12	0.00	0.26	18.	21.71	0.00	0.002	19.30	0.00	0.21	0.001
1179	15.25	15.25	21.67	0.00	0.24	16.	19.50	0.00	0.001	17.34	0.00	0.19	0.001
1181	15.25	15.25	19.52	0.00	0.21	14.	17.57	0.00	0.001	15.62	0.00	0.17	0.001
1183	15.25	15.25	17.75	0.00	0.19	13.	15.98	0.00	0.001	14.20	0.00	0.15	0.001
1185	15.25	15.25	16.46	0.00	0.18	12.	14.82	0.00	0.001	13.17	0.00	0.14	0.001
1187	15.25	15.25	15.69	0.00	0.17	12.	14.12	0.00	0.001	12.55	0.00	0.14	0.001
1189	15.25	15.25	15.52	0.00	0.17	11.	13.96	0.00	0.001	12.41	0.00	0.14	0.001



1191	15.25	15.25	15.93	0.00	0.17	12.	14.34	0.00	0.001	12.75	0.00	0.14	0.001
1193	15.25	15.25	16.95	0.00	0.18	12.	15.26	0.00	0.001	13.56	0.00	0.15	0.001
1195	15.25	15.25	18.47	0.00	0.20	14.	16.62	0.00	0.001	14.78	0.00	0.16	0.001
1197	15.25	15.25	20.30	0.00	0.22	15.	18.27	0.00	0.001	16.24	0.00	0.18	0.001
1199	15.25	15.25	22.42	0.00	0.24	16.	20.17	0.00	0.001	17.93	0.00	0.20	0.001
1201	15.25	15.25	24.82	0.00	0.27	18.	22.34	0.00	0.002	19.86	0.00	0.22	0.001
1203	15.25	15.25	27.70	0.00	0.30	20.	24.93	0.00	0.002	22.16	0.00	0.24	0.002
1205	15.25	15.25	31.89	0.00	0.35	23.	28.70	0.00	0.002	25.51	0.00	0.28	0.002
1207	15.25	15.25	33.93	0.00	0.37	25.	30.53	0.00	0.002	27.14	0.00	0.30	0.002
1211	15.25	15.25	37.67	0.00	0.41	28.	33.90	0.00	0.003	30.13	0.00	0.33	0.002
1213	15.25	15.25	39.24	0.00	0.43	29.	35.31	0.00	0.003	31.39	0.00	0.34	0.002
1215	15.25	15.25	40.47	0.00	0.44	30.	36.43	0.00	0.003	32.38	0.00	0.35	0.002
1217	15.25	15.25	41.51	0.00	0.45	30.	37.36	0.00	0.003	33.21	0.00	0.36	0.002
1219	15.25	15.25	42.29	0.00	0.46	31.	38.07	0.00	0.003	33.84	0.00	0.37	0.003
1221	15.25	15.25	42.82	0.00	0.47	31.	38.54	0.00	0.003	34.26	0.00	0.37	0.003
1223	15.25	15.25	43.10	0.00	0.47	32.	38.79	0.00	0.003	34.48	0.00	0.38	0.003
1225	15.25	15.25	43.13	0.00	0.47	32.	38.81	0.00	0.003	34.50	0.00	0.38	0.003
1227	15.25	15.25	42.84	0.00	0.47	31.	38.56	0.00	0.003	34.27	0.00	0.37	0.003
1229	15.25	15.25	42.22	0.00	0.46	31.	38.00	0.00	0.003	33.78	0.00	0.37	0.003
1231	15.25	15.25	41.24	0.00	0.45	30.	37.11	0.00	0.003	32.99	0.00	0.36	0.002
1233	15.25	15.25	39.88	0.00	0.43	29.	35.89	0.00	0.003	31.90	0.00	0.35	0.002
1235	15.25	15.25	38.15	0.00	0.42	28.	34.34	0.00	0.003	30.52	0.00	0.33	0.002
1239	15.25	15.25	35.35	0.00	0.38	26.	31.82	0.00	0.002	28.28	0.00	0.31	0.002
1241	15.25	15.25	34.24	0.00	0.37	25.	30.82	0.00	0.002	27.40	0.00	0.30	0.002
1243	15.25	15.25	32.92	0.00	0.36	24.	29.63	0.00	0.002	26.33	0.00	0.29	0.002
1245	15.25	15.25	31.37	0.00	0.34	23.	28.23	0.00	0.002	25.09	0.00	0.27	0.002
1247	15.25	15.25	29.58	0.00	0.32	22.	26.62	0.00	0.002	23.67	0.00	0.26	0.002
1249	15.25	15.25	27.61	0.00	0.30	20.	24.85	0.00	0.002	22.09	0.00	0.24	0.002
1251	15.25	15.25	25.46	0.00	0.28	19.	22.91	0.00	0.002	20.37	0.00	0.22	0.002
1253	15.25	15.25	23.15	0.00	0.25	17.	20.83	0.00	0.002	18.52	0.00	0.20	0.001
1255	15.25	15.25	20.77	0.00	0.23	15.	18.69	0.00	0.001	16.62	0.00	0.18	0.001
1257	15.25	15.25	18.42	0.00	0.20	14.	16.58	0.00	0.001	14.73	0.00	0.16	0.001
1259	15.25	15.25	16.20	0.00	0.18	12.	14.58	0.00	0.001	12.96	0.00	0.14	0.001
1261	15.25	15.25	85.34	0.00	0.93	63.	76.80	0.00	0.006	68.27	0.00	0.74	0.005
1263	15.25	15.25	83.60	0.00	0.91	61.	75.24	0.00	0.006	66.88	0.00	0.73	0.005
1265	15.25	15.25	81.30	0.00	0.89	60.	73.17	0.00	0.005	65.04	0.00	0.71	0.005
1267	15.25	15.25	78.43	0.00	0.85	58.	70.59	0.00	0.005	62.74	0.00	0.68	0.005
1269	15.25	15.25	75.33	0.00	0.82	55.	67.80	0.00	0.005	60.27	0.00	0.66	0.004
1271	15.25	15.25	72.19	0.00	0.79	53.	64.97	0.00	0.005	57.75	0.00	0.63	0.004
1273	15.25	15.25	69.10	0.00	0.75	51.	62.19	0.00	0.005	55.28	0.00	0.60	0.004
1275	15.25	15.25	66.12	0.00	0.72	49.	59.51	0.00	0.004	52.90	0.00	0.58	0.004
1277	15.25	15.25	63.29	0.00	0.69	46.	56.96	0.00	0.004	50.63	0.00	0.55	0.004
1279	15.25	15.25	60.60	0.00	0.66	44.	54.54	0.00	0.004	48.48	0.00	0.53	0.004
1281	15.25	15.25	58.09	0.00	0.63	43.	52.28	0.00	0.004	46.48	0.00	0.51	0.003
1283	15.25	15.25	55.75	0.00	0.61	41.	50.18	0.00	0.004	44.60	0.00	0.49	0.003
1285	15.25	15.25	52.29	0.00	0.57	38.	47.06	0.00	0.003	41.83	0.00	0.46	0.003
1287	15.25	15.25	49.02	0.00	0.53	36.	44.12	0.00	0.003	39.22	0.00	0.43	0.003
1289	15.25	15.25	45.43	0.00	0.49	33.	40.89	0.00	0.003	36.34	0.00	0.40	0.003
1291	15.25	15.25	41.55	0.00	0.45	31.	37.39	0.00	0.003	33.24	0.00	0.36	0.002
1293	15.25	15.25	38.03	0.00	0.41	28.	34.22	0.00	0.003	30.42	0.00	0.33	0.002
1295	15.25	15.25	34.63	0.00	0.38	25.	31.17	0.00	0.002	27.70	0.00	0.30	0.002
1297	15.25	15.25	31.41	0.00	0.34	23.	28.27	0.00	0.002	25.13	0.00	0.27	0.002
1299	15.25	15.25	28.47	0.00	0.31	21.	25.62	0.00	0.002	22.78	0.00	0.25	0.002
1301	15.25	15.25	25.86	0.00	0.28	19.	23.28	0.00	0.002	20.69	0.00	0.23	0.002
1303	15.25	15.25	23.68	0.00	0.26	17.	21.31	0.00	0.002	18.94	0.00	0.21	0.001
1305	15.25	15.25	22.03	0.00	0.24	16.	19.83	0.00	0.001	17.63	0.00	0.19	0.001
1307	15.25	15.25	21.00	0.00	0.23	15.	18.90	0.00	0.001	16.80	0.00	0.18	0.001
1309	15.25	15.25	20.66	0.00	0.22	15.	18.60	0.00	0.001	16.53	0.00	0.18	0.001
1311	15.25	15.25	21.02	0.00	0.23	15.	18.92	0.00	0.001	16.82	0.00	0.18	0.001
1313	15.25	15.25	22.04	0.00	0.24	16.	19.84	0.00	0.001	17.63	0.00	0.19	0.001
1315	15.25	15.25	23.61	0.00	0.26	17.	21.25	0.00	0.002	18.88	0.00	0.21	0.001
1317	15.25	15.25	25.58	0.00	0.28	19.	23.02	0.00	0.002	20.47	0.00	0.22	0.002
1319	15.25	15.25	27.87	0.00	0.30	20.	25.09	0.00	0.002	22.30	0.00	0.24	0.002
1321	15.25	15.25	30.42	0.00	0.33	22.	27.38	0.00	0.002	24.34	0.00	0.27	0.002
1323	15.25	15.25	33.26	0.00	0.36	24.	29.93	0.00	0.002	26.61	0.00	0.29	0.002
1325	15.25	15.25	37.15	0.00	0.40	27.	33.44	0.00	0.002	29.72	0.00	0.32	0.002
1327	15.25	15.25	39.50	0.00	0.43	29.	35.55	0.00	0.003	31.60	0.00	0.34	0.002
1331	15.25	15.25	44.03	0.00	0.48	32.	39.62	0.00	0.003	35.22	0.00	0.38	0.003
1333	15.25	15.25	46.03	0.00	0.50	34.	41.43	0.00	0.003	36.83	0.00	0.40	0.003
1335	15.25	15.25	47.70	0.00	0.52	35.	42.93	0.00	0.003	38.16	0.00	0.42	0.003
1337	15.25	15.25	49.09	0.00	0.53	36.	44.18	0.00	0.003	39.27	0.00	0.43	0.003
1339	15.25	15.25	50.18	0.00	0.55	37.	45.16	0.00	0.003	40.14	0.00	0.44	0.003
1341	15.25	15.25	50.97	0.00	0.56	37.	45.88	0.00	0.003	40.78	0.00	0.44	0.003
1343	15.25	15.25	51.48	0.00	0.56	38.	46.33	0.00	0.003	41.19	0.00	0.45	0.003
1345	15.25	15.25	51.69	0.00	0.56	38.	46.53	0.00	0.003	41.36	0.00	0.45	0.003
1347	15.25	15.25	51.59	0.00	0.56	38.	46.43	0.00	0.003	41.27	0.00	0.45	0.003
1349	15.25	15.25	51.12	0.00	0.56	38.	46.01	0.00	0.003	40.89	0.00	0.45	0.003
1351	15.25	15.25	50.24	0.00	0.55	37.	45.22	0.00	0.003	40.19	0.00	0.44	0.003
1353	15.25	15.25	48.95	0.00	0.53	36.	44.06	0.00	0.003	39.16	0.00	0.43	0.003
1355	15.25	15.25	47.21	0.00	0.51	35.	42.49	0.00	0.003	37.77	0.00	0.41	0.003
1359	15.25	15.25	44.43	0.00	0.48	33.	39.98	0.00	0.003	35.54	0.00	0.39	0.003
1361	15.25	15.25	43.37	0.00	0.47	32.	39.04	0.00	0.003	34.70	0.00	0.38	0.003
1363	15.25	15.25	42.03	0.00	0.46	31.	37.83	0.00	0.003	33.62	0.00	0.37	0.002
1365	15.25	15.25	40.42	0.00	0.44	30.	36.38	0.00	0.003	32.33	0.00	0.35	0.002
1367	15.25	15.25	38.53	0.00	0.42	28.	34.68	0.00	0.003	30.83	0.00	0.34	0.002



1369	15.25	15.25	36.39	0.00	0.40	27.	32.75	0.00	0.002	29.11	0.00	0.32	0.002
1371	15.25	15.25	34.01	0.00	0.37	25.	30.61	0.00	0.002	27.21	0.00	0.30	0.002
1373	15.25	15.25	31.43	0.00	0.34	23.	28.29	0.00	0.002	25.14	0.00	0.27	0.002
1375	15.25	15.25	28.68	0.00	0.31	21.	25.81	0.00	0.002	22.94	0.00	0.25	0.002
1377	15.25	15.25	25.86	0.00	0.28	19.	23.28	0.00	0.002	20.69	0.00	0.23	0.002
1379	15.25	15.25	23.10	0.00	0.25	17.	20.79	0.00	0.002	18.48	0.00	0.20	0.001
1381	15.25	15.25	69.39	0.00	0.76	51.	62.45	0.00	0.005	55.51	0.00	0.60	0.004
1383	15.25	15.25	68.64	0.00	0.75	50.	61.77	0.00	0.005	54.91	0.00	0.60	0.004
1385	15.25	15.25	67.36	0.00	0.73	49.	60.62	0.00	0.004	53.89	0.00	0.59	0.004
1387	15.25	15.25	65.48	0.00	0.71	48.	58.93	0.00	0.004	52.38	0.00	0.57	0.004
1389	15.25	15.25	63.21	0.00	0.69	46.	56.89	0.00	0.004	50.57	0.00	0.55	0.004
1391	15.25	15.25	60.78	0.00	0.66	45.	54.71	0.00	0.004	48.63	0.00	0.53	0.004
1393	15.25	15.25	58.30	0.00	0.63	43.	52.47	0.00	0.004	46.64	0.00	0.51	0.003
1395	15.25	15.25	55.87	0.00	0.61	41.	50.28	0.00	0.004	44.70	0.00	0.49	0.003
1397	15.25	15.25	53.53	0.00	0.58	39.	48.18	0.00	0.004	42.82	0.00	0.47	0.003
1399	15.25	15.25	51.30	0.00	0.56	38.	46.17	0.00	0.003	41.04	0.00	0.45	0.003
1401	15.25	15.25	49.19	0.00	0.54	36.	44.28	0.00	0.003	39.36	0.00	0.43	0.003
1403	15.25	15.25	47.23	0.00	0.51	35.	42.50	0.00	0.003	37.78	0.00	0.41	0.003
1405	15.25	15.25	44.51	0.00	0.48	33.	40.06	0.00	0.003	35.61	0.00	0.39	0.003
1407	15.25	15.25	42.00	0.00	0.46	31.	37.80	0.00	0.003	33.60	0.00	0.37	0.002
1409	15.25	15.25	39.24	0.00	0.43	29.	35.31	0.00	0.003	31.39	0.00	0.34	0.002
1411	15.25	15.25	36.17	0.00	0.39	27.	32.55	0.00	0.002	28.94	0.00	0.32	0.002
1413	15.25	15.25	33.36	0.00	0.36	24.	30.02	0.00	0.002	26.69	0.00	0.29	0.002
1415	15.25	15.25	30.61	0.00	0.33	22.	27.55	0.00	0.002	24.49	0.00	0.27	0.002
1417	15.25	15.25	27.94	0.00	0.30	21.	25.15	0.00	0.002	22.35	0.00	0.24	0.002
1419	15.25	15.25	25.46	0.00	0.28	19.	22.92	0.00	0.002	20.37	0.00	0.22	0.002
1421	15.25	15.25	23.23	0.00	0.25	17.	20.90	0.00	0.002	18.58	0.00	0.20	0.001
1423	15.25	15.25	21.29	0.00	0.23	16.	19.16	0.00	0.001	17.03	0.00	0.19	0.001
1425	15.25	15.25	19.80	0.00	0.22	15.	17.82	0.00	0.001	15.84	0.00	0.17	0.001
1427	15.25	15.25	18.77	0.00	0.20	14.	16.89	0.00	0.001	15.02	0.00	0.16	0.001
1429	15.25	15.25	18.33	0.00	0.20	13.	16.50	0.00	0.001	14.67	0.00	0.16	0.001
1431	15.25	15.25	18.49	0.00	0.20	14.	16.64	0.00	0.001	14.79	0.00	0.16	0.001
1433	15.25	15.25	19.17	0.00	0.21	14.	17.25	0.00	0.001	15.34	0.00	0.17	0.001
1435	15.25	15.25	20.32	0.00	0.22	15.	18.29	0.00	0.001	16.26	0.00	0.18	0.001
1437	15.25	15.25	21.84	0.00	0.24	16.	19.66	0.00	0.001	17.47	0.00	0.19	0.001
1439	15.25	15.25	23.61	0.00	0.26	17.	21.25	0.00	0.002	18.89	0.00	0.21	0.001
1441	15.25	15.25	25.57	0.00	0.28	19.	23.02	0.00	0.002	20.46	0.00	0.22	0.002
1443	15.25	15.25	27.66	0.00	0.30	20.	24.89	0.00	0.002	22.13	0.00	0.24	0.002
1445	15.25	15.25	30.29	0.00	0.33	22.	27.26	0.00	0.002	24.23	0.00	0.26	0.002
1447	15.25	15.25	32.12	0.00	0.35	24.	28.91	0.00	0.002	25.70	0.00	0.28	0.002
1451	15.25	15.25	35.91	0.00	0.39	26.	32.32	0.00	0.002	28.73	0.00	0.31	0.002
1453	15.25	15.25	37.69	0.00	0.41	28.	33.92	0.00	0.003	30.15	0.00	0.33	0.002
1455	15.25	15.25	39.26	0.00	0.43	29.	35.33	0.00	0.003	31.41	0.00	0.34	0.002
1457	15.25	15.25	40.62	0.00	0.44	30.	36.56	0.00	0.003	32.50	0.00	0.35	0.002
1459	15.25	15.25	41.73	0.00	0.45	31.	37.56	0.00	0.003	33.39	0.00	0.36	0.002
1461	15.25	15.25	42.63	0.00	0.46	31.	38.36	0.00	0.003	34.10	0.00	0.37	0.003
1463	15.25	15.25	43.30	0.00	0.47	32.	38.97	0.00	0.003	34.64	0.00	0.38	0.003
1465	15.25	15.25	43.73	0.00	0.48	32.	39.36	0.00	0.003	34.99	0.00	0.38	0.003
1467	15.25	15.25	43.94	0.00	0.48	32.	39.55	0.00	0.003	35.15	0.00	0.38	0.003
1469	15.25	15.25	43.89	0.00	0.48	32.	39.50	0.00	0.003	35.11	0.00	0.38	0.003
1471	15.25	15.25	43.50	0.00	0.47	32.	39.15	0.00	0.003	34.80	0.00	0.38	0.003
1473	15.25	15.25	42.80	0.00	0.47	31.	38.52	0.00	0.003	34.24	0.00	0.37	0.003
1475	15.25	15.25	41.71	0.00	0.45	31.	37.54	0.00	0.003	33.37	0.00	0.36	0.002
1479	15.25	15.25	39.98	0.00	0.44	29.	35.99	0.00	0.003	31.99	0.00	0.35	0.002
1481	15.25	15.25	39.39	0.00	0.43	29.	35.45	0.00	0.003	31.51	0.00	0.34	0.002
1483	15.25	15.25	38.52	0.00	0.42	28.	34.66	0.00	0.003	30.81	0.00	0.34	0.002
1485	15.25	15.25	37.42	0.00	0.41	27.	33.68	0.00	0.002	29.93	0.00	0.33	0.002
1487	15.25	15.25	36.09	0.00	0.39	26.	32.48	0.00	0.002	28.87	0.00	0.31	0.002
1489	15.25	15.25	34.50	0.00	0.38	25.	31.05	0.00	0.002	27.60	0.00	0.30	0.002
1491	15.25	15.25	32.70	0.00	0.36	24.	29.43	0.00	0.002	26.16	0.00	0.28	0.002
1493	15.25	15.25	30.69	0.00	0.33	23.	27.62	0.00	0.002	24.55	0.00	0.27	0.002
1495	15.25	15.25	28.45	0.00	0.31	21.	25.61	0.00	0.002	22.76	0.00	0.25	0.002
1497	15.25	15.25	26.09	0.00	0.28	19.	23.48	0.00	0.002	20.87	0.00	0.23	0.002
1499	15.25	15.25	23.70	0.00	0.26	17.	21.33	0.00	0.002	18.96	0.00	0.21	0.001
1531	15.25	15.25	15.12	0.00	0.16	11.	13.61	0.00	0.001	12.09	0.00	0.13	0.001
1533	15.25	15.25	14.45	0.00	0.16	11.	13.01	0.00	0.001	11.56	0.00	0.13	0.001
1535	15.25	15.25	13.70	0.00	0.15	10.	12.33	0.00	0.001	10.96	0.00	0.12	0.001
1537	15.25	15.25	12.78	0.00	0.14	9.	11.51	0.00	0.001	10.23	0.00	0.11	0.001
1539	15.25	15.25	11.96	0.00	0.13	9.	10.76	0.00	0.001	9.57	0.00	0.10	0.001
1541	15.25	15.25	11.11	0.00	0.12	8.	10.00	0.00	0.001	8.89	0.00	0.10	0.001
1543	15.25	15.25	10.25	0.00	0.11	8.	9.22	0.00	0.001	8.20	0.00	0.09	0.001
1545	15.25	15.25	9.57	0.00	0.10	7.	8.62	0.00	0.001	7.66	0.00	0.08	0.001
1547	15.25	15.25	8.94	0.00	0.10	7.	8.05	0.00	0.001	7.15	0.00	0.08	0.001
1549	15.25	15.25	8.48	0.00	0.09	6.	7.63	0.00	0.001	6.78	0.00	0.07	0.001
1551	15.25	15.25	8.89	0.00	0.10	7.	8.00	0.00	0.001	7.11	0.00	0.08	0.001
1553	15.25	15.25	8.63	0.00	0.09	6.	7.77	0.00	0.001	6.90	0.00	0.08	0.001
1555	15.25	15.25	8.60	0.00	0.09	6.	7.74	0.00	0.001	6.88	0.00	0.07	0.001
1557	15.25	15.25	8.80	0.00	0.10	7.	7.92	0.00	0.001	7.04	0.00	0.08	0.001
1559	15.25	15.25	9.03	0.00	0.10	7.	8.13	0.00	0.001	7.23	0.00	0.08	0.001
1561	15.25	15.25	9.37	0.00	0.10	7.	8.43	0.00	0.001	7.49	0.00	0.08	0.001
1563	15.25	15.25	9.85	0.00	0.11	7.	8.87	0.00	0.001	7.88	0.00	0.09	0.001
1565	15.25	15.25	10.71	0.00	0.12	8.	9.64	0.00	0.001	8.57	0.00	0.09	0.001
1567	15.25	15.25	10.82	0.00	0.12	8.	9.73	0.00	0.001	8.65	0.00	0.09	0.001
1599	15.25	15.25	18.70	0.00	0.20	14.	16.83	0.00	0.001	14.96	0.00	0.16	0.001
1601	15.25	15.25	19.06	0.00	0.21	14.	17.15	0.00	0.001	15.24	0.00	0.17	0.001



1603	15.25	15.25	19.12	0.00	0.21	14.	17.21	0.00	0.001	15.30	0.00	0.17	0.001
1605	15.25	15.25	19.26	0.00	0.21	14.	17.33	0.00	0.001	15.41	0.00	0.17	0.001
1607	15.25	15.25	19.37	0.00	0.21	14.	17.44	0.00	0.001	15.50	0.00	0.17	0.001
1609	15.25	15.25	19.16	0.00	0.21	14.	17.24	0.00	0.001	15.33	0.00	0.17	0.001
1611	15.25	15.25	19.02	0.00	0.21	14.	17.12	0.00	0.001	15.22	0.00	0.17	0.001
1613	15.25	15.25	18.84	0.00	0.21	14.	16.96	0.00	0.001	15.07	0.00	0.16	0.001
1615	15.25	15.25	18.27	0.00	0.20	13.	16.44	0.00	0.001	14.62	0.00	0.16	0.001
1617	15.25	15.25	17.76	0.00	0.19	13.	15.98	0.00	0.001	14.21	0.00	0.15	0.001
1619	15.25	15.25	16.94	0.00	0.18	12.	15.25	0.00	0.001	13.55	0.00	0.15	0.001
1836	15.25	15.25	48.43	0.00	0.53	36.	43.59	0.00	0.003	38.74	0.00	0.42	0.003
1837	15.25	15.25	46.91	0.00	0.51	34.	42.22	0.00	0.003	37.53	0.00	0.41	0.003
1838	15.25	15.25	45.38	0.00	0.49	33.	40.84	0.00	0.003	36.31	0.00	0.40	0.003
1839	15.25	15.25	43.27	0.00	0.47	32.	38.95	0.00	0.003	34.62	0.00	0.38	0.003
1840	15.25	15.25	41.41	0.00	0.45	30.	37.27	0.00	0.003	33.13	0.00	0.36	0.002
1841	15.25	15.25	39.45	0.00	0.43	29.	35.51	0.00	0.003	31.56	0.00	0.34	0.002
1842	15.25	15.25	37.60	0.00	0.41	28.	33.84	0.00	0.003	30.08	0.00	0.33	0.002
1843	15.25	15.25	35.83	0.00	0.39	26.	32.25	0.00	0.002	28.67	0.00	0.31	0.002
1844	15.25	15.25	34.16	0.00	0.37	25.	30.74	0.00	0.002	27.33	0.00	0.30	0.002
1845	15.25	15.25	32.61	0.00	0.35	24.	29.35	0.00	0.002	26.08	0.00	0.28	0.002
1846	15.25	15.25	31.14	0.00	0.34	23.	28.03	0.00	0.002	24.91	0.00	0.27	0.002
1847	15.25	15.25	29.77	0.00	0.32	22.	26.80	0.00	0.002	23.82	0.00	0.26	0.002
1848	15.25	15.25	27.41	0.00	0.30	20.	24.67	0.00	0.002	21.92	0.00	0.24	0.002
1849	15.25	15.25	21.10	0.00	0.23	16.	18.99	0.00	0.001	16.88	0.00	0.18	0.001
1850	15.25	15.25	20.10	0.00	0.22	15.	18.09	0.00	0.001	16.08	0.00	0.17	0.001
1851	15.25	15.25	19.06	0.00	0.21	14.	17.16	0.00	0.001	15.25	0.00	0.17	0.001
1852	15.25	15.25	18.35	0.00	0.20	14.	16.52	0.00	0.001	14.68	0.00	0.16	0.001
1853	15.25	15.25	17.13	0.00	0.19	13.	15.42	0.00	0.001	13.71	0.00	0.15	0.001
1854	15.25	15.25	16.29	0.00	0.18	12.	14.66	0.00	0.001	13.03	0.00	0.14	0.001
1855	15.25	15.25	15.43	0.00	0.17	11.	13.89	0.00	0.001	12.34	0.00	0.13	0.001
1856	15.25	15.25	14.57	0.00	0.16	11.	13.12	0.00	0.001	11.66	0.00	0.13	0.001
1857	15.25	15.25	13.81	0.00	0.15	10.	12.43	0.00	0.001	11.05	0.00	0.12	0.001
1858	15.25	15.25	13.04	0.00	0.14	10.	11.74	0.00	0.001	10.43	0.00	0.11	0.001
1859	15.25	15.25	12.30	0.00	0.13	9.	11.07	0.00	0.001	9.84	0.00	0.11	0.001
1860	15.25	15.25	11.64	0.00	0.13	9.	10.48	0.00	0.001	9.31	0.00	0.10	0.001
1861	15.25	15.25	10.05	0.00	0.11	7.	9.05	0.00	0.001	8.04	0.00	0.09	0.001
1862	15.25	15.25	25.23	0.00	0.27	19.	22.70	0.00	0.002	20.18	0.00	0.22	0.002
1863	15.25	15.25	10.60	0.00	0.12	8.	9.54	0.00	0.001	8.48	0.00	0.09	0.001
1864	15.25	15.25	6.88	0.00	0.07	5.	6.19	0.00	0.000	5.50	0.00	0.06	0.000
1865	15.25	15.25	8.60	0.00	0.09	6.	7.74	0.00	0.001	6.88	0.00	0.07	0.001
1866	15.25	15.25	12.20	0.00	0.13	9.	10.98	0.00	0.001	9.76	0.00	0.11	0.001
1867	15.25	15.25	24.91	0.00	0.27	18.	22.42	0.00	0.002	19.93	0.00	0.22	0.001
1868	15.25	15.25	28.21	0.00	0.31	21.	25.38	0.00	0.002	22.56	0.00	0.25	0.002
1869	15.25	15.25	16.08	0.00	0.18	12.	14.48	0.00	0.001	12.87	0.00	0.14	0.001
1870	15.25	15.25	10.19	0.00	0.11	7.	9.17	0.00	0.001	8.15	0.00	0.09	0.001
1872	15.25	15.25	13.21	0.00	0.14	10.	11.89	0.00	0.001	10.57	0.00	0.12	0.001
1873	15.25	15.25	9.86	0.00	0.11	7.	8.88	0.00	0.001	7.89	0.00	0.09	0.001
1874	15.25	15.25	12.39	0.00	0.13	9.	11.15	0.00	0.001	9.91	0.00	0.11	0.001
1875	15.25	15.25	13.21	0.00	0.14	10.	11.89	0.00	0.001	10.57	0.00	0.12	0.001
1876	15.25	15.25	12.65	0.00	0.14	9.	11.38	0.00	0.001	10.12	0.00	0.11	0.001
1877	15.25	15.25	13.24	0.00	0.14	10.	11.92	0.00	0.001	10.59	0.00	0.12	0.001
1878	15.25	15.25	13.65	0.00	0.15	10.	12.29	0.00	0.001	10.92	0.00	0.12	0.001
1879	15.25	15.25	13.79	0.00	0.15	10.	12.41	0.00	0.001	11.03	0.00	0.12	0.001
1880	15.25	15.25	13.69	0.00	0.15	10.	12.32	0.00	0.001	10.95	0.00	0.12	0.001
1881	15.25	15.25	13.50	0.00	0.15	10.	12.15	0.00	0.001	10.80	0.00	0.12	0.001
1882	15.25	15.25	13.26	0.00	0.14	10.	11.93	0.00	0.001	10.61	0.00	0.12	0.001
1883	15.25	15.25	12.96	0.00	0.14	10.	11.67	0.00	0.001	10.37	0.00	0.11	0.001
1884	15.25	15.25	12.64	0.00	0.14	9.	11.38	0.00	0.001	10.11	0.00	0.11	0.001
1885	15.25	15.25	12.32	0.00	0.13	9.	11.08	0.00	0.001	9.85	0.00	0.11	0.001
1886	15.25	15.25	11.62	0.00	0.13	9.	10.46	0.00	0.001	9.30	0.00	0.10	0.001
1887	15.25	15.25	42.43	0.00	0.46	31.	38.18	0.00	0.003	33.94	0.00	0.37	0.003
1888	15.25	15.25	42.66	0.00	0.46	31.	38.40	0.00	0.003	34.13	0.00	0.37	0.003
1889	15.25	15.25	42.24	0.00	0.46	31.	38.02	0.00	0.003	33.79	0.00	0.37	0.003
1890	15.25	15.25	41.17	0.00	0.45	30.	37.06	0.00	0.003	32.94	0.00	0.36	0.002
1891	15.25	15.25	40.06	0.00	0.44	29.	36.06	0.00	0.003	32.05	0.00	0.35	0.002
1892	15.25	15.25	38.77	0.00	0.42	28.	34.89	0.00	0.003	31.01	0.00	0.34	0.002
1893	15.25	15.25	37.38	0.00	0.41	27.	33.64	0.00	0.002	29.91	0.00	0.33	0.002
1894	15.25	15.25	36.01	0.00	0.39	26.	32.41	0.00	0.002	28.81	0.00	0.31	0.002
1895	15.25	15.25	34.66	0.00	0.38	25.	31.19	0.00	0.002	27.73	0.00	0.30	0.002
1896	15.25	15.25	33.34	0.00	0.36	24.	30.01	0.00	0.002	26.68	0.00	0.29	0.002
1897	15.25	15.25	32.10	0.00	0.35	24.	28.89	0.00	0.002	25.68	0.00	0.28	0.002
1898	15.25	15.25	30.92	0.00	0.34	23.	27.83	0.00	0.002	24.73	0.00	0.27	0.002
1899	15.25	15.25	29.28	0.00	0.32	21.	26.35	0.00	0.002	23.42	0.00	0.26	0.002
1900	15.25	15.25	27.89	0.00	0.30	20.	25.10	0.00	0.002	22.31	0.00	0.24	0.002
1901	15.25	15.25	10.88	0.00	0.12	8.	9.79	0.00	0.001	8.70	0.00	0.09	0.001
1902	15.25	15.25	11.24	0.00	0.12	8.	10.12	0.00	0.001	8.99	0.00	0.10	0.001
1903	15.25	15.25	11.76	0.00	0.13	9.	10.59	0.00	0.001	9.41	0.00	0.10	0.001
1904	15.25	15.25	12.34	0.00	0.13	9.	11.11	0.00	0.001	9.87	0.00	0.11	0.001
1905	15.25	15.25	12.82	0.00	0.14	9.	11.54	0.00	0.001	10.26	0.00	0.11	0.001
1906	15.25	15.25	13.34	0.00	0.15	10.	12.00	0.00	0.001	10.67	0.00	0.12	0.001
1907	15.25	15.25	13.89	0.00	0.15	10.	12.50	0.00	0.001	11.11	0.00	0.12	0.001
1908	15.25	15.25	14.38	0.00	0.16	11.	12.94	0.00	0.001	11.50	0.00	0.13	0.001
1909	15.25	15.25	14.87	0.00	0.16	11.	13.38	0.00	0.001	11.89	0.00	0.13	0.001
1910	15.25	15.25	15.42	0.00	0.17	11.	13.88	0.00	0.001	12.34	0.00	0.13	0.001
1911	15.25	15.25	15.90	0.00	0.17	12.	14.31	0.00	0.001	12.72	0.00	0.14	0.001
1912	15.25	15.25	16.29	0.00	0.18	12.	14.66	0.00	0.001	13.03	0.00	0.14	0.001



Table with columns for years (1913-1984) and various numerical values representing structural calculations.

ARMATURA SUPERIORE ORIZZONTALE

Table with columns for GUSCI, Af, Afc, Mom, Nor, sigma, sigma_f, Comb. Frequente, Mom, Nor, wkF, Comb. Quasi Permanente, Mom, Nor, sigma, wkP.



555	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
557	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
559	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
561	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
563	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
565	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
567	10.89	10.89	77.84	0.01	1.00	80.	70.05	0.01	0.010	62.27	0.01	0.80	0.009
569	10.89	10.89	97.46	0.01	1.25	100.	87.71	0.01	0.013	77.97	0.01	1.00	0.012
571	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
573	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
575	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
577	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
579	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
581	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
583	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
585	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
587	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
589	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
591	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
593	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
595	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
597	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
599	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
601	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
603	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
605	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
607	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
609	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
611	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
613	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
615	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
617	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
619	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
621	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
623	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
625	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
627	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
629	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
631	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
633	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
635	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
637	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
639	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
641	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
643	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
645	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
647	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
649	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
651	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
653	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
655	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
657	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
659	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
661	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
663	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
665	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
667	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
669	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
671	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
673	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
675	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
677	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
679	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
681	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
683	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
685	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
687	10.89	10.89	77.84	0.01	1.00	80.	70.05	0.01	0.010	62.27	0.01	0.80	0.009
689	10.89	10.89	97.46	0.01	1.25	100.	87.71	0.01	0.013	77.97	0.01	1.00	0.012
691	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
693	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
695	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
697	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
699	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
701	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
703	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
705	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
707	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
709	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
711	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
713	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
715	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
717	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
719	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
721	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
723	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004



725	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
727	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
729	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
731	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
733	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
735	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
737	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
739	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
741	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
743	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
745	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
747	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
749	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
751	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
753	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
755	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
757	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
759	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
761	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
763	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
765	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
767	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
769	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
771	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
773	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
775	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
777	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
779	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
781	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
783	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
785	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
787	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
789	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
791	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
793	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
795	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
797	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
799	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
801	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
803	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
805	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
807	10.89	10.89	77.84	0.01	1.00	80.	70.05	0.01	0.010	62.27	0.01	0.80	0.009
809	10.89	10.89	97.46	0.01	1.25	100.	87.71	0.01	0.013	77.97	0.01	1.00	0.012
811	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
813	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
815	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
817	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
819	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
821	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
823	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
825	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
827	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
829	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
831	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
833	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
835	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
837	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
839	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
841	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
843	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
845	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
847	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
849	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
851	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
853	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
855	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
857	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
859	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
861	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
863	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
865	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
867	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
869	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
871	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
873	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
875	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
877	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
879	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
881	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
883	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
885	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
887	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
889	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
891	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
893	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000



895	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
897	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
899	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
901	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
903	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
905	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
907	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
909	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
911	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
913	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
915	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
917	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
919	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
921	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
923	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
925	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
927	10.89	10.89	77.84	0.01	1.00	80.	70.05	0.01	0.010	62.27	0.01	0.80	0.009
929	10.89	10.89	97.46	0.01	1.25	100.	87.71	0.01	0.013	77.97	0.01	1.00	0.012
931	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
933	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
935	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
937	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
939	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
941	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
943	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
945	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
947	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
949	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
951	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
953	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
955	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
957	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
959	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
961	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
963	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
965	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
967	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
969	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
971	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
973	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
975	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
977	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
979	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
981	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
983	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
985	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
987	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
989	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
991	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
993	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
995	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
997	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
999	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1001	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1003	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1005	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1007	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1009	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
1011	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
1013	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
1015	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
1017	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
1019	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
1051	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
1053	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
1055	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
1057	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
1059	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
1061	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
1063	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
1065	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
1067	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
1069	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
1071	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
1073	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
1075	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
1077	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
1079	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
1081	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
1083	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
1085	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
1087	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1119	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1121	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1123	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1125	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1127	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1129	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
1131	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
1133	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
1135	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
1137	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
1139	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
1141	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
1143	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
1145	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
1147	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
1149	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
1151	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
1153	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
1155	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
1157	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
1159	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
1161	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
1163	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
1165	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
1167	10.89	10.89	76.80	0.01	0.99	79.	69.12	0.01	0.010	61.44	0.01	0.79	0.009
1169	10.89	10.89	96.79	0.01	1.24	99.	87.11	0.01	0.013	77.43	0.01	0.99	0.011
1171	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
1173	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
1175	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
1177	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
1179	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
1181	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
1183	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
1185	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
1187	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
1189	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
1191	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
1193	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
1195	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
1197	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
1199	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
1201	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
1203	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
1205	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
1207	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1211	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1213	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1215	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1217	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1219	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1221	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1223	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1225	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1227	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1229	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1231	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1233	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1235	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1239	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1241	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1243	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1245	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1247	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1249	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
1251	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
1253	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
1255	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
1257	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
1259	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
1261	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
1263	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
1265	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
1267	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
1269	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
1271	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
1273	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
1275	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
1277	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
1279	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
1281	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
1283	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
1285	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
1287	10.89	10.89	76.80	0.01	0.99	79.	69.12	0.01	0.010	61.44	0.01	0.79	0.009
1289	10.89	10.89	96.79	0.01	1.24	99.	87.11	0.01	0.013	77.43	0.01	0.99	0.011
1291	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
1293	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
1295	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
1297	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015



1299	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
1301	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
1303	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
1305	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
1307	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
1309	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
1311	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
1313	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
1315	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
1317	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
1319	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
1321	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
1323	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
1325	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
1327	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1331	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1333	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1335	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1337	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1339	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1341	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1343	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1345	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1347	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1349	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1351	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1353	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1355	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1359	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1361	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1363	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1365	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1367	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1369	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
1371	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
1373	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
1375	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
1377	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
1379	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
1381	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
1383	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
1385	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
1387	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
1389	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
1391	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
1393	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
1395	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
1397	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
1399	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
1401	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
1403	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
1405	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
1407	10.89	10.89	76.80	0.01	0.99	79.	69.12	0.01	0.010	61.44	0.01	0.79	0.009
1409	10.89	10.89	96.79	0.01	1.24	99.	87.11	0.01	0.013	77.43	0.01	0.99	0.011
1411	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
1413	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
1415	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
1417	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
1419	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
1421	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
1423	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
1425	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
1427	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
1429	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
1431	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
1433	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
1435	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
1437	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
1439	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
1441	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
1443	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
1445	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
1447	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1451	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1453	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1455	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1457	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1459	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1461	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1463	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1465	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1467	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1469	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1471	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1473	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1475	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1479	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1481	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1483	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1485	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1487	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1489	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
1491	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
1493	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
1495	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
1497	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
1499	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
1531	10.89	10.89	110.75	0.01	1.42	114.	99.68	0.01	0.015	88.60	0.01	1.14	0.013
1533	10.89	10.89	116.76	0.01	1.50	120.	105.08	0.01	0.016	93.41	0.01	1.20	0.014
1535	10.89	10.89	122.83	0.01	1.58	126.	110.55	0.01	0.016	98.27	0.01	1.26	0.015
1537	10.89	10.89	125.61	0.01	1.61	129.	113.05	0.01	0.017	100.49	0.01	1.29	0.015
1539	10.89	10.89	125.51	0.01	1.61	129.	112.96	0.01	0.017	100.41	0.01	1.29	0.015
1541	10.89	10.89	125.23	0.01	1.61	128.	112.71	0.01	0.017	100.19	0.01	1.29	0.015
1543	10.89	10.89	123.04	0.01	1.58	126.	110.73	0.01	0.016	98.43	0.01	1.26	0.015
1545	10.89	10.89	119.03	0.01	1.53	122.	107.12	0.01	0.016	95.22	0.01	1.22	0.014
1547	10.89	10.89	114.94	0.01	1.48	118.	103.45	0.01	0.015	91.95	0.01	1.18	0.014
1549	10.89	10.89	109.46	0.01	1.41	112.	98.51	0.01	0.015	87.57	0.01	1.13	0.013
1551	10.89	10.89	101.71	0.01	1.31	104.	91.53	0.01	0.014	81.36	0.01	1.05	0.012
1553	10.89	10.89	93.89	0.01	1.21	96.	84.50	0.01	0.013	75.11	0.01	0.97	0.011
1555	10.89	10.89	84.95	0.01	1.09	87.	76.46	0.01	0.011	67.96	0.01	0.87	0.010
1557	10.89	10.89	74.31	0.01	0.95	76.	66.88	0.01	0.010	59.45	0.01	0.76	0.009
1559	10.89	10.89	64.07	0.01	0.82	66.	57.66	0.01	0.009	51.26	0.01	0.66	0.008
1561	10.89	10.89	51.22	0.01	0.66	52.	46.09	0.00	0.007	40.97	0.00	0.53	0.006
1563	10.89	10.89	34.74	0.01	0.45	36.	31.27	0.00	0.005	27.79	0.00	0.36	0.004
1565	10.89	10.89	18.23	0.01	0.23	19.	16.41	0.00	0.002	14.59	0.00	0.19	0.002
1567	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1599	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1601	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1603	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1605	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1607	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1609	10.89	10.89	2.08	0.00	0.03	2.	1.87	0.00	0.000	1.67	0.00	0.02	0.000
1611	10.89	10.89	2.64	0.00	0.03	3.	2.38	0.00	0.000	2.11	0.00	0.03	0.000
1613	10.89	10.89	3.08	0.00	0.04	3.	2.77	0.00	0.000	2.46	0.00	0.03	0.000
1615	10.89	10.89	2.16	0.00	0.03	2.	1.94	0.00	0.000	1.73	0.00	0.02	0.000
1617	10.89	10.89	1.28	0.00	0.02	1.	1.15	0.00	0.000	1.02	0.00	0.01	0.000
1619	10.89	10.89	0.86	0.00	0.01	1.	0.77	0.00	0.000	0.68	0.00	0.01	0.000
1836	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
1837	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
1838	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
1839	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
1840	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
1841	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
1842	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
1843	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
1844	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
1845	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
1846	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
1847	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
1848	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
1849	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
1850	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
1851	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
1852	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
1853	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
1854	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
1855	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
1856	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
1857	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
1858	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
1859	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
1860	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
1861	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
1862	10.89	10.89	76.80	0.01	0.99	79.	69.12	0.01	0.010	61.44	0.01	0.79	0.009
1863	10.89	10.89	73.52	0.01	0.94	75.	66.16	0.01	0.010	58.81	0.01	0.76	0.009
1864	10.89	10.89	79.34	0.01	1.02	81.	71.41	0.01	0.011	63.47	0.01	0.82	0.009
1865	10.89	10.89	98.00	0.01	1.26	100.	88.20	0.01	0.013	78.40	0.01	1.01	0.012
1866	10.89	10.89	94.69	0.01	1.22	97.	85.22	0.01	0.013	75.75	0.01	0.97	0.011
1867	10.89	10.89	93.94	0.01	1.21	96.	84.54	0.01	0.013	75.15	0.01	0.97	0.011
1868	10.89	10.89	93.94	0.01	1.21	96.	84.54	0.01	0.013	75.15	0.01	0.97	0.011
1869	10.89	10.89	97.84	0.01	1.26	100.	88.05	0.01	0.013	78.27	0.01	1.01	0.012
1870	10.89	10.89	94.69	0.01	1.22	97.	85.22	0.01	0.013	75.75	0.01	0.97	0.011
1872	10.89	10.89	73.52	0.01	0.94	75.	66.16	0.01	0.010	58.81	0.01	0.76	0.009
1873	10.89	10.89	79.34	0.01	1.02	81.	71.41	0.01	0.011	63.47	0.01	0.82	0.009
1874	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
1875	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
1876	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
1877	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
1878	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
1879	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005



1880	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
1881	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
1882	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
1883	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
1884	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
1885	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
1886	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
1887	10.89	10.89	1.42	0.00	0.02	1.	1.28	0.00	0.000	1.13	0.00	0.01	0.000
1888	10.89	10.89	9.98	0.00	0.13	10.	8.98	0.00	0.001	7.98	0.00	0.10	0.001
1889	10.89	10.89	27.19	0.00	0.35	28.	24.47	0.00	0.004	21.75	0.00	0.28	0.003
1890	10.89	10.89	34.93	0.00	0.45	36.	31.44	0.00	0.005	27.95	0.00	0.36	0.004
1891	10.89	10.89	34.22	0.00	0.44	35.	30.80	0.00	0.005	27.38	0.00	0.35	0.004
1892	10.89	10.89	42.10	0.00	0.54	43.	37.89	0.00	0.006	33.68	0.00	0.43	0.005
1893	10.89	10.89	44.10	0.01	0.57	45.	39.69	0.01	0.006	35.28	0.00	0.45	0.005
1894	10.89	10.89	41.05	0.01	0.53	42.	36.95	0.01	0.005	32.84	0.00	0.42	0.005
1895	10.89	10.89	46.47	0.01	0.60	48.	41.83	0.01	0.006	37.18	0.00	0.48	0.006
1896	10.89	10.89	49.24	0.01	0.63	51.	44.32	0.01	0.007	39.39	0.01	0.51	0.006
1897	10.89	10.89	50.17	0.01	0.64	52.	45.15	0.01	0.007	40.13	0.01	0.52	0.006
1898	10.89	10.89	59.65	0.01	0.77	61.	53.69	0.01	0.008	47.72	0.01	0.61	0.007
1899	10.89	10.89	69.73	0.01	0.90	72.	62.76	0.01	0.009	55.79	0.01	0.72	0.008
1900	10.89	10.89	76.80	0.01	0.99	79.	69.12	0.01	0.010	61.44	0.01	0.79	0.009
1901	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1902	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1903	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1904	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1905	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1906	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1907	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1908	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1909	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1910	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1911	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1912	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1913	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1914	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1915	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1916	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1917	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1918	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1919	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1920	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1921	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1922	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1923	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1924	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1925	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1926	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1927	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1928	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1929	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1930	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1931	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1932	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1933	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1934	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1935	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1936	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1937	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1938	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1939	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1940	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1941	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1942	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1943	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1944	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1945	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1946	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1947	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1948	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1949	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1950	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1951	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1952	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1953	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1954	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1955	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1956	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1957	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1958	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1959	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1960	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1961	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1962	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1963	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1964	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



Table with 13 columns representing structural parameters for years 1965 to 1984. Values are mostly 0.00, with some non-zero values for wkF and wkP in later years.

ARMATURA SUPERIORE VERTICALE

Table with 14 columns: GUSCI, Af, Afc, Mom, Nor, sigmaC, sigmaF, Mom, Nor, wkF, Mom, Nor, sigmaC, wkP. It lists various combinations of reinforcement bars (e.g., 541, 543, 545) and their corresponding structural parameters.



659	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
661	15.25	15.25	6.35	0.00	0.07	5.	5.71	0.00	0.000	5.08	0.00	0.06	0.000
663	15.25	15.25	6.83	0.00	0.07	5.	6.15	0.00	0.000	5.47	0.00	0.06	0.000
665	15.25	15.25	6.93	0.00	0.08	5.	6.24	0.00	0.000	5.55	0.00	0.06	0.000
667	15.25	15.25	7.13	0.00	0.08	5.	6.41	0.00	0.000	5.70	0.00	0.06	0.000
669	15.25	15.25	7.52	0.00	0.08	6.	6.76	0.00	0.001	6.01	0.00	0.07	0.000
671	15.25	15.25	7.88	0.00	0.09	6.	7.09	0.00	0.001	6.30	0.00	0.07	0.000
673	15.25	15.25	8.26	0.00	0.09	6.	7.43	0.00	0.001	6.60	0.00	0.07	0.000
675	15.25	15.25	8.69	0.00	0.09	6.	7.82	0.00	0.001	6.95	0.00	0.08	0.001
677	15.25	15.25	9.02	0.00	0.10	7.	8.11	0.00	0.001	7.21	0.00	0.08	0.001
679	15.25	15.25	9.32	0.00	0.10	7.	8.39	0.00	0.001	7.46	0.00	0.08	0.001
681	15.25	15.25	9.62	0.00	0.10	7.	8.66	0.00	0.001	7.70	0.00	0.08	0.001
683	15.25	15.25	9.81	0.00	0.11	7.	8.83	0.00	0.001	7.85	0.00	0.09	0.001
685	15.25	15.25	10.86	0.00	0.12	8.	9.77	0.00	0.001	8.68	0.00	0.09	0.001
687	15.25	15.25	11.70	0.00	0.13	9.	10.53	0.00	0.001	9.36	0.00	0.10	0.001
689	15.25	15.25	12.10	0.00	0.13	9.	10.89	0.00	0.001	9.68	0.00	0.11	0.001
691	15.25	15.25	12.08	0.00	0.13	9.	10.88	0.00	0.001	9.67	0.00	0.11	0.001
693	15.25	15.25	12.17	0.00	0.13	9.	10.96	0.00	0.001	9.74	0.00	0.11	0.001
695	15.25	15.25	12.11	0.00	0.13	9.	10.90	0.00	0.001	9.69	0.00	0.11	0.001
697	15.25	15.25	11.82	0.00	0.13	9.	10.64	0.00	0.001	9.46	0.00	0.10	0.001
699	15.25	15.25	11.68	0.00	0.13	9.	10.52	0.00	0.001	9.35	0.00	0.10	0.001
701	15.25	15.25	11.44	0.00	0.12	8.	10.29	0.00	0.001	9.15	0.00	0.10	0.001
703	15.25	15.25	11.03	0.00	0.12	8.	9.93	0.00	0.001	8.82	0.00	0.10	0.001
705	15.25	15.25	10.79	0.00	0.12	8.	9.71	0.00	0.001	8.63	0.00	0.09	0.001
707	15.25	15.25	10.45	0.00	0.11	8.	9.41	0.00	0.001	8.36	0.00	0.09	0.001
709	15.25	15.25	9.94	0.00	0.11	7.	8.95	0.00	0.001	7.95	0.00	0.09	0.001
711	15.25	15.25	9.59	0.00	0.10	7.	8.63	0.00	0.001	7.67	0.00	0.08	0.001
713	15.25	15.25	9.03	0.00	0.10	7.	8.12	0.00	0.001	7.22	0.00	0.08	0.001
715	15.25	15.25	8.25	0.00	0.09	6.	7.42	0.00	0.001	6.60	0.00	0.07	0.000
717	15.25	15.25	7.48	0.00	0.08	5.	6.73	0.00	0.000	5.98	0.00	0.07	0.000
719	15.25	15.25	6.54	0.00	0.07	5.	5.89	0.00	0.000	5.23	0.00	0.06	0.000
721	15.25	15.25	5.54	0.00	0.06	4.	4.99	0.00	0.000	4.43	0.00	0.05	0.000
723	15.25	15.25	4.66	0.00	0.05	3.	4.20	0.00	0.000	3.73	0.00	0.04	0.000
725	15.25	15.25	3.68	0.00	0.04	3.	3.31	0.00	0.000	2.94	0.00	0.03	0.000
727	15.25	15.25	1.26	0.00	0.01	1.	1.14	0.00	0.000	1.01	0.00	0.01	0.000
729	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
731	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
733	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
735	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
737	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
739	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
741	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
743	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
745	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
747	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
749	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
751	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
753	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
755	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
757	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
759	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
761	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
763	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
765	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
767	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
769	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
771	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
773	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
775	15.25	15.25	0.07	0.00	0.00	0.	0.06	0.00	0.000	0.05	0.00	0.00	0.000
777	15.25	15.25	0.48	0.00	0.01	0.	0.43	0.00	0.000	0.38	0.00	0.00	0.000
779	15.25	15.25	0.81	0.00	0.01	1.	0.73	0.00	0.000	0.65	0.00	0.01	0.000
781	15.25	15.25	22.68	0.00	0.25	17.	20.41	0.00	0.002	18.14	0.00	0.20	0.001
783	15.25	15.25	23.27	0.00	0.25	17.	20.94	0.00	0.002	18.62	0.00	0.20	0.001
785	15.25	15.25	23.78	0.00	0.26	18.	21.40	0.00	0.002	19.02	0.00	0.21	0.001
787	15.25	15.25	24.21	0.00	0.26	18.	21.79	0.00	0.002	19.37	0.00	0.21	0.001
789	15.25	15.25	24.38	0.00	0.27	18.	21.95	0.00	0.002	19.51	0.00	0.21	0.001
791	15.25	15.25	24.36	0.00	0.27	18.	21.92	0.00	0.002	19.49	0.00	0.21	0.001
793	15.25	15.25	24.24	0.00	0.26	18.	21.82	0.00	0.002	19.39	0.00	0.21	0.001
795	15.25	15.25	23.99	0.00	0.26	18.	21.59	0.00	0.002	19.20	0.00	0.21	0.001
797	15.25	15.25	23.66	0.00	0.26	17.	21.29	0.00	0.002	18.93	0.00	0.21	0.001
799	15.25	15.25	23.26	0.00	0.25	17.	20.94	0.00	0.002	18.61	0.00	0.20	0.001
801	15.25	15.25	22.81	0.00	0.25	17.	20.53	0.00	0.002	18.25	0.00	0.20	0.001
803	15.25	15.25	22.31	0.00	0.24	16.	20.08	0.00	0.001	17.85	0.00	0.19	0.001
805	15.25	15.25	22.59	0.00	0.25	17.	20.33	0.00	0.002	18.07	0.00	0.20	0.001
807	15.25	15.25	22.56	0.00	0.25	17.	20.30	0.00	0.002	18.04	0.00	0.20	0.001
809	15.25	15.25	21.90	0.00	0.24	16.	19.71	0.00	0.001	17.52	0.00	0.19	0.001
811	15.25	15.25	21.27	0.00	0.23	16.	19.14	0.00	0.001	17.01	0.00	0.19	0.001
813	15.25	15.25	20.47	0.00	0.22	15.	18.43	0.00	0.001	16.38	0.00	0.18	0.001
815	15.25	15.25	19.28	0.00	0.21	14.	17.36	0.00	0.001	15.43	0.00	0.17	0.001
817	15.25	15.25	18.18	0.00	0.20	13.	16.36	0.00	0.001	14.54	0.00	0.16	0.001
819	15.25	15.25	16.96	0.00	0.18	12.	15.26	0.00	0.001	13.57	0.00	0.15	0.001
821	15.25	15.25	15.45	0.00	0.17	11.	13.90	0.00	0.001	12.36	0.00	0.13	0.001
823	15.25	15.25	14.03	0.00	0.15	10.	12.63	0.00	0.001	11.22	0.00	0.12	0.001
825	15.25	15.25	12.47	0.00	0.14	9.	11.22	0.00	0.001	9.98	0.00	0.11	0.001
827	15.25	15.25	10.75	0.00	0.12	8.	9.68	0.00	0.001	8.60	0.00	0.09	0.001



829	15.25	15.25	9.18	0.00	0.10	7.	8.27	0.00	0.001	7.35	0.00	0.08	0.001
831	15.25	15.25	7.57	0.00	0.08	6.	6.81	0.00	0.001	6.05	0.00	0.07	0.000
833	15.25	15.25	6.00	0.00	0.07	4.	5.40	0.00	0.000	4.80	0.00	0.05	0.000
835	15.25	15.25	4.72	0.00	0.05	4.	4.25	0.00	0.000	3.78	0.00	0.04	0.000
837	15.25	15.25	3.54	0.00	0.04	3.	3.18	0.00	0.000	2.83	0.00	0.03	0.000
839	15.25	15.25	2.47	0.00	0.03	2.	2.22	0.00	0.000	1.98	0.00	0.02	0.000
841	15.25	15.25	1.73	0.00	0.02	1.	1.56	0.00	0.000	1.39	0.00	0.01	0.000
843	15.25	15.25	1.05	0.00	0.01	1.	0.94	0.00	0.000	0.84	0.00	0.01	0.000
845	15.25	15.25	0.53	0.00	0.01	0.	0.47	0.00	0.000	0.42	0.00	0.00	0.000
847	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
849	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
851	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
853	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
855	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
857	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
859	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
861	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
863	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
865	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
867	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
869	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
871	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
873	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
875	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
877	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
879	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
881	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
883	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
885	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
887	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
889	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
891	15.25	15.25	0.36	0.00	0.00	0.	0.32	0.00	0.000	0.29	0.00	0.00	0.000
893	15.25	15.25	0.66	0.00	0.01	0.	0.59	0.00	0.000	0.53	0.00	0.01	0.000
895	15.25	15.25	1.06	0.00	0.01	1.	0.96	0.00	0.000	0.85	0.00	0.01	0.000
897	15.25	15.25	1.61	0.00	0.02	1.	1.45	0.00	0.000	1.29	0.00	0.01	0.000
899	15.25	15.25	1.94	0.00	0.02	1.	1.75	0.00	0.000	1.55	0.00	0.02	0.000
901	15.25	15.25	18.30	0.00	0.20	13.	16.47	0.00	0.001	14.64	0.00	0.16	0.001
903	15.25	15.25	19.14	0.00	0.21	14.	17.22	0.00	0.001	15.31	0.00	0.17	0.001
905	15.25	15.25	19.89	0.00	0.22	15.	17.90	0.00	0.001	15.91	0.00	0.17	0.001
907	15.25	15.25	20.49	0.00	0.22	15.	18.44	0.00	0.001	16.39	0.00	0.18	0.001
909	15.25	15.25	20.91	0.00	0.23	15.	18.82	0.00	0.001	16.73	0.00	0.18	0.001
911	15.25	15.25	21.19	0.00	0.23	16.	19.07	0.00	0.001	16.95	0.00	0.18	0.001
913	15.25	15.25	21.34	0.00	0.23	16.	19.21	0.00	0.001	17.07	0.00	0.19	0.001
915	15.25	15.25	21.36	0.00	0.23	16.	19.23	0.00	0.001	17.09	0.00	0.19	0.001
917	15.25	15.25	21.29	0.00	0.23	16.	19.16	0.00	0.001	17.03	0.00	0.19	0.001
919	15.25	15.25	21.14	0.00	0.23	16.	19.02	0.00	0.001	16.91	0.00	0.18	0.001
921	15.25	15.25	20.91	0.00	0.23	15.	18.82	0.00	0.001	16.73	0.00	0.18	0.001
923	15.25	15.25	20.62	0.00	0.22	15.	18.56	0.00	0.001	16.50	0.00	0.18	0.001
925	15.25	15.25	20.91	0.00	0.23	15.	18.82	0.00	0.001	16.73	0.00	0.18	0.001
927	15.25	15.25	21.01	0.00	0.23	15.	18.91	0.00	0.001	16.81	0.00	0.18	0.001
929	15.25	15.25	20.93	0.00	0.23	15.	18.84	0.00	0.001	16.74	0.00	0.18	0.001
931	15.25	15.25	20.76	0.00	0.23	15.	18.68	0.00	0.001	16.61	0.00	0.18	0.001
933	15.25	15.25	20.35	0.00	0.22	15.	18.31	0.00	0.001	16.28	0.00	0.18	0.001
935	15.25	15.25	19.71	0.00	0.21	14.	17.74	0.00	0.001	15.77	0.00	0.17	0.001
937	15.25	15.25	18.96	0.00	0.21	14.	17.06	0.00	0.001	15.17	0.00	0.17	0.001
939	15.25	15.25	18.00	0.00	0.20	13.	16.20	0.00	0.001	14.40	0.00	0.16	0.001
941	15.25	15.25	16.87	0.00	0.18	12.	15.18	0.00	0.001	13.49	0.00	0.15	0.001
943	15.25	15.25	15.64	0.00	0.17	11.	14.08	0.00	0.001	12.52	0.00	0.14	0.001
945	15.25	15.25	14.27	0.00	0.16	10.	12.84	0.00	0.001	11.41	0.00	0.12	0.001
947	15.25	15.25	12.80	0.00	0.14	9.	11.52	0.00	0.001	10.24	0.00	0.11	0.001
949	15.25	15.25	11.34	0.00	0.12	8.	10.21	0.00	0.001	9.07	0.00	0.10	0.001
951	15.25	15.25	9.86	0.00	0.11	7.	8.87	0.00	0.001	7.88	0.00	0.09	0.001
953	15.25	15.25	8.45	0.00	0.09	6.	7.60	0.00	0.001	6.76	0.00	0.07	0.001
955	15.25	15.25	7.16	0.00	0.08	5.	6.44	0.00	0.000	5.73	0.00	0.06	0.000
957	15.25	15.25	5.95	0.00	0.06	4.	5.36	0.00	0.000	4.76	0.00	0.05	0.000
959	15.25	15.25	4.89	0.00	0.05	4.	4.40	0.00	0.000	3.91	0.00	0.04	0.000
961	15.25	15.25	3.99	0.00	0.04	3.	3.59	0.00	0.000	3.19	0.00	0.03	0.000
963	15.25	15.25	3.19	0.00	0.03	2.	2.87	0.00	0.000	2.55	0.00	0.03	0.000
965	15.25	15.25	2.56	0.00	0.03	2.	2.30	0.00	0.000	2.05	0.00	0.02	0.000
967	15.25	15.25	0.29	0.00	0.00	0.	0.26	0.00	0.000	0.23	0.00	0.00	0.000
969	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
971	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
973	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
975	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
977	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
979	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
981	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
983	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
985	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
987	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
989	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
991	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
993	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
995	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
997	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1846	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1847	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1848	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1849	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1850	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1851	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1852	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1853	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1854	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1855	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1856	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1857	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1858	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1859	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1860	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1861	15.25	15.25	0.17	0.00	0.00	0.	0.15	0.00	0.000	0.14	0.00	0.00	0.000
1862	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1863	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1864	15.25	15.25	3.10	0.00	0.03	2.	2.79	0.00	0.000	2.48	0.00	0.03	0.000
1865	15.25	15.25	1.00	0.00	0.01	1.	0.90	0.00	0.000	0.80	0.00	0.01	0.000
1866	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1867	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1868	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1869	15.25	15.25	5.68	0.00	0.06	4.	5.11	0.00	0.000	4.54	0.00	0.05	0.000
1870	15.25	15.25	13.31	0.00	0.14	10.	11.98	0.00	0.001	10.65	0.00	0.12	0.001
1872	15.25	15.25	9.16	0.00	0.10	7.	8.24	0.00	0.001	7.33	0.00	0.08	0.001
1873	15.25	15.25	13.53	0.00	0.15	10.	12.18	0.00	0.001	10.83	0.00	0.12	0.001
1874	15.25	15.25	9.01	0.00	0.10	7.	8.11	0.00	0.001	7.21	0.00	0.08	0.001
1875	15.25	15.25	9.74	0.00	0.11	7.	8.77	0.00	0.001	7.79	0.00	0.08	0.001
1876	15.25	15.25	8.77	0.00	0.10	6.	7.89	0.00	0.001	7.01	0.00	0.08	0.001
1877	15.25	15.25	9.44	0.00	0.10	7.	8.50	0.00	0.001	7.55	0.00	0.08	0.001
1878	15.25	15.25	10.00	0.00	0.11	7.	9.00	0.00	0.001	8.00	0.00	0.09	0.001
1879	15.25	15.25	10.36	0.00	0.11	8.	9.32	0.00	0.001	8.29	0.00	0.09	0.001
1880	15.25	15.25	10.60	0.00	0.12	8.	9.54	0.00	0.001	8.48	0.00	0.09	0.001
1881	15.25	15.25	10.75	0.00	0.12	8.	9.68	0.00	0.001	8.60	0.00	0.09	0.001
1882	15.25	15.25	10.77	0.00	0.12	8.	9.69	0.00	0.001	8.62	0.00	0.09	0.001
1883	15.25	15.25	10.70	0.00	0.12	8.	9.63	0.00	0.001	8.56	0.00	0.09	0.001
1884	15.25	15.25	10.56	0.00	0.11	8.	9.50	0.00	0.001	8.45	0.00	0.09	0.001
1885	15.25	15.25	10.34	0.00	0.11	8.	9.31	0.00	0.001	8.27	0.00	0.09	0.001
1886	15.25	15.25	11.13	0.00	0.12	8.	10.02	0.00	0.001	8.91	0.00	0.10	0.001
1887	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1888	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1889	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1890	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1891	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1892	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1893	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1894	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1895	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1896	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1897	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1898	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1899	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1900	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1901	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1902	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1903	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1904	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1905	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1906	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1907	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1908	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1909	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1910	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1911	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1912	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1913	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1914	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1915	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1916	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1917	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1918	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1919	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1920	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1921	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1922	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1923	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1924	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1925	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1926	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1927	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1928	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1929	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1930	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1931	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1932	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1933	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1934	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1935	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1936	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1937	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1938	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1939	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1940	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1941	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1942	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1943	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1944	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1945	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1946	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1947	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1948	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1949	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1950	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1951	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1952	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1953	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1954	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1955	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1956	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1957	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1958	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1959	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1960	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1961	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1962	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1963	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1964	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1965	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1966	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1967	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1968	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1969	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1970	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1971	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1972	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1973	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1974	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1975	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1976	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1977	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1978	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1979	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1980	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1981	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1982	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1983	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1984	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000

MACROGUSCIO Trave3

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione
1	SLU SENZA SISMA

DATI:

tensione di snervamento acciaio (fyk):	450	N/mm2
coefficiente sicurezza acciaio	: 1.15	
deformazione ultima acciaio	: 1.9565	per mille
deformazione ultima cls	: 3.5	per mille
rapporto rottura/snervamento (k):	1	
resistenza cilindrica cls (fck):	24.9	N/mm2
coefficiente sicurezza cls	: 1.5	
coefficiente riduttivo (alfa):	0.85	
copriferro inferiore (asse armatura):	5	cm
copriferro superiore (asse armatura):	5	cm
moltiplicatore sollecitazioni	: 1	

LEGENDA:



spess = spessore guscio. Verifica effettuata su sezione BxH, con B=1 cm e H="spess" cm
Af = area disposta al lembo teso, in cm2 al metro
Afc = area disposta al lembo compresso, in cm2 al metro
Mom = momento flettente [kNm/m]
Nor = sforzo normale [kN]
epsC = deformazione cls [per mille]
epsF = deformazione acciaio [per mille]

<-

L'armatura è sufficiente se le deformazioni dei materiali sono ovunque minori delle corrispondenti deformazioni ultime.

Per gli elementi non dissipativi la permanenza in campo elastico è ottenuta limitando la deformazione dell'acciaio alla deformazione di snervamento (1.9565 per mille) e quella del calcestruzzo al 2 per mille.

Table with columns: GUSCI, spess, Af, Afc, Mom, Nor, epsC, epsF, Af, Afc, Mom, Nor, epsC, epsF, COEF. MAX %. Rows 542-676.



678	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
680	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
682	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
684	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
686	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
688	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
690	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
692	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
694	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
696	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
698	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
700	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
702	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
704	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	4.	0.	0.00	0.01	2
706	100	10.89	10.89	40.	0.	0.04	0.21	15.25	15.25	4.	0.	0.00	0.01	10
708	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	4.	0.	0.00	0.02	17
710	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	5.	0.	0.00	0.02	25
712	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	5.	0.	0.00	0.02	31
714	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	6.	0.	0.00	0.02	35
716	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	7.	0.	0.01	0.03	39
718	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	8.	0.	0.01	0.03	42
720	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	9.	0.	0.01	0.03	43
722	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	10.	0.	0.01	0.04	44
724	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	10.	0.	0.01	0.04	45
726	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	11.	0.	0.01	0.04	42
728	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	11.	0.	0.01	0.04	39
730	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	11.	0.	0.01	0.04	36
732	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	11.	0.	0.01	0.04	31
734	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	11.	0.	0.01	0.04	24
736	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	11.	0.	0.01	0.04	18
738	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	11.	0.	0.01	0.04	11
740	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	11.	0.	0.01	0.04	5
742	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	10.	0.	0.01	0.04	2
744	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
746	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
748	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
750	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
752	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
754	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
756	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
758	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
760	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
762	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
764	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
766	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
768	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
770	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
772	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	0
774	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
776	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
778	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
780	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	0.	0.	0.00	0.00	1
782	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
784	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
786	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
788	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
790	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
792	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
794	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
796	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
798	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
800	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
802	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
804	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
806	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
808	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
810	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
812	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
814	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
816	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
818	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
820	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
822	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
824	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	5.	0.	0.00	0.02	2
826	100	10.89	10.89	40.	0.	0.04	0.21	15.25	15.25	4.	0.	0.00	0.02	10
828	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	4.	0.	0.00	0.01	17
830	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	3.	0.	0.00	0.01	25
832	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	1.	0.	0.00	0.01	31
834	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	0.	0.	0.00	0.00	35
836	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	1.	0.	0.00	0.00	39
838	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	2.	0.	0.00	0.01	42
840	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	4.	0.	0.00	0.01	43
842	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	5.	0.	0.00	0.02	44
844	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	7.	0.	0.01	0.02	45
846	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	8.	0.	0.01	0.03	42



848	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	10.	0.	0.01	0.04	39
850	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	12.	0.	0.01	0.04	36
852	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	13.	0.	0.01	0.05	31
854	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	15.	0.	0.01	0.05	24
856	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	16.	0.	0.01	0.06	18
858	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	17.	0.	0.01	0.06	11
860	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	18.	0.	0.01	0.06	5
862	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	18.	0.	0.01	0.07	3
864	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.01	0.07	3
866	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
868	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	3
870	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
872	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
874	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
876	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
878	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
880	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
882	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
884	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
886	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
888	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
890	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
892	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	14.	0.	0.01	0.05	2
894	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	14.	0.	0.01	0.05	3
896	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	15.	0.	0.01	0.05	3
898	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	16.	0.	0.01	0.06	3
900	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	16.	0.	0.01	0.06	3
902	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
904	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
906	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
908	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
910	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
912	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
914	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
916	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
918	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
920	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
922	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
924	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
926	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
928	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
930	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
932	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
934	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
936	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.00	0
938	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	1.	0.	0.00	0.01	0
940	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
942	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
944	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	5.	0.	0.00	0.02	2
946	100	10.89	10.89	40.	0.	0.04	0.21	15.25	15.25	4.	0.	0.00	0.02	10
948	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	4.	0.	0.00	0.01	17
950	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	3.	0.	0.00	0.01	25
952	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	2.	0.	0.00	0.01	31
954	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	1.	0.	0.00	0.01	35
956	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	3.	0.	0.00	0.01	39
958	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	4.	0.	0.00	0.02	42
960	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	6.	0.	0.00	0.02	43
962	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	7.	0.	0.01	0.03	44
964	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	9.	0.	0.01	0.03	45
966	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	10.	0.	0.01	0.04	42
968	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	12.	0.	0.01	0.04	39
970	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	13.	0.	0.01	0.05	36
972	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	14.	0.	0.01	0.05	31
974	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	15.	0.	0.01	0.06	24
976	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	16.	0.	0.01	0.06	18
978	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	17.	0.	0.01	0.06	11
980	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	18.	0.	0.01	0.07	5
982	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	18.	0.	0.01	0.07	3
984	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.01	0.07	3
986	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
988	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
990	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
992	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
994	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.01	0.07	3
996	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.07	3
998	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.06	3
1000	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	16.	0.	0.01	0.06	3
1002	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
1004	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1006	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1008	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1010	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1012	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	12.	0.	0.01	0.04	2
1014	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	12.	0.	0.01	0.05	2
1016	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	13.	0.	0.01	0.05	2



1018	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	14.	0.	0.01	0.05	2
1020	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	13.	0.	0.01	0.05	2
1028	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
1030	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1032	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1034	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1036	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1038	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1040	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
1042	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
1044	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1046	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.05	2
1048	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1050	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
1052	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
1054	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.01	0.07	3
1056	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1058	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1060	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.10	5
1062	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1064	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	32.	0.	0.03	0.12	6
1098	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	38.	0.	0.03	0.14	11
1100	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	36.	0.	0.03	0.13	6
1102	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	33.	0.	0.03	0.12	6
1104	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	5
1106	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
1108	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	5
1110	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
1112	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
1114	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
1116	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	11.	0.	0.01	0.04	2
1118	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
1120	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.00	0.02	1
1122	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
1124	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.02	1
1126	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
1128	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
1130	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
1132	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	2.	0.	0.00	0.01	0
1134	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	2.	0.	0.00	0.01	1
1136	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.00	1
1138	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	1.	0.	0.00	0.00	1
1140	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	1.	0.	0.00	0.00	1
1142	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.09	4
1144	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
1148	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1150	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
1152	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
1154	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
1156	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
1158	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1160	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1162	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
1164	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.09	4
1166	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1168	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	5
1170	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1172	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1174	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1176	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.13	6
1178	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.14	7
1180	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	43.	0.	0.03	0.16	8
1182	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	48.	0.	0.04	0.18	9
1184	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	51.	0.	0.04	0.19	9
1186	100	10.89	10.89	41.	0.	0.04	0.21	15.25	15.25	54.	0.	0.04	0.20	10
1188	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	57.	0.	0.05	0.21	18
1190	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	59.	0.	0.05	0.22	25
1192	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	61.	0.	0.05	0.22	31
1194	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	63.	0.	0.05	0.23	35
1196	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	65.	0.	0.05	0.24	39
1198	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	66.	0.	0.05	0.24	42
1200	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	68.	0.	0.05	0.25	43
1202	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	69.	0.	0.05	0.25	44
1204	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	69.	0.	0.05	0.25	45
1206	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	69.	0.	0.05	0.25	42
1208	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	69.	0.	0.05	0.25	39
1210	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	68.	0.	0.05	0.25	36
1212	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	66.	0.	0.05	0.24	31
1214	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	64.	0.	0.05	0.23	24
1216	100	10.89	10.89	72.	0.	0.07	0.36	15.25	15.25	61.	0.	0.05	0.22	18
1218	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	58.	0.	0.05	0.21	11
1220	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	55.	0.	0.04	0.20	10
1222	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	51.	0.	0.04	0.19	9
1224	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	48.	0.	0.04	0.17	8
1226	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	44.	0.	0.03	0.16	8



1228	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	40.	0.	0.03	0.15	7
1230	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.13	6
1232	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.03	0.12	6
1234	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
1236	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1238	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
1240	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	3
1242	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1244	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1246	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
1248	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
1250	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
1252	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	6.	0.	0.00	0.02	1
1254	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	5.	0.	0.00	0.02	1
1256	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	5.	0.	0.00	0.02	1
1258	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	4.	0.	0.00	0.02	1
1260	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	4.	0.	0.00	0.01	1
1262	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.10	5
1264	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	4
1268	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.09	4
1270	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1272	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1274	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1276	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1278	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1280	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1282	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	4
1284	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.10	5
1286	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1288	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.10	5
1290	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	5
1292	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1294	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.13	7
1296	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	41.	0.	0.03	0.15	7
1298	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	46.	0.	0.04	0.17	8
1300	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	53.	0.	0.04	0.19	9
1302	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	57.	0.	0.05	0.21	10
1304	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	60.	0.	0.05	0.22	11
1306	100	10.89	10.89	41.	0.	0.04	0.21	15.25	15.25	64.	0.	0.05	0.23	11
1308	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	66.	0.	0.05	0.24	18
1310	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	68.	0.	0.05	0.25	25
1312	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	70.	0.	0.06	0.26	31
1314	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	71.	0.	0.06	0.26	35
1316	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	73.	0.	0.06	0.27	39
1318	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	75.	0.	0.06	0.28	42
1320	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	77.	0.	0.06	0.28	43
1322	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	78.	0.	0.06	0.29	44
1324	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	79.	0.	0.06	0.29	45
1326	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	79.	0.	0.06	0.29	42
1328	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	79.	0.	0.06	0.29	39
1330	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	78.	0.	0.06	0.29	36
1332	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	77.	0.	0.06	0.28	31
1334	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	75.	0.	0.06	0.27	24
1336	100	10.89	10.89	72.	0.	0.07	0.36	15.25	15.25	72.	0.	0.06	0.26	18
1338	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	69.	0.	0.05	0.25	12
1340	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	65.	0.	0.05	0.24	12
1342	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	61.	0.	0.05	0.22	11
1344	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	57.	0.	0.05	0.21	10
1346	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	53.	0.	0.04	0.19	9
1348	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	48.	0.	0.04	0.18	9
1350	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	43.	0.	0.03	0.16	8
1352	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.14	7
1354	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.13	6
1356	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1358	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1360	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
1362	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
1364	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	3
1366	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1368	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1370	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	10.	0.	0.01	0.04	2
1372	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	10.	0.	0.01	0.04	2
1374	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	9.	0.	0.01	0.03	2
1376	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	8.	0.	0.01	0.03	1
1378	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	8.	0.	0.01	0.03	1
1380	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	7.	0.	0.01	0.03	1
1382	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1384	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1388	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1390	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1392	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1394	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1396	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1398	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1400	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4



1402	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1404	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1406	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	4
1408	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	26.	0.	0.02	0.10	5
1410	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
1412	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	30.	0.	0.02	0.11	5
1414	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	33.	0.	0.03	0.12	6
1416	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	37.	0.	0.03	0.13	7
1418	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	41.	0.	0.03	0.15	7
1420	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	48.	0.	0.04	0.18	9
1422	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	52.	0.	0.04	0.19	9
1424	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	54.	0.	0.04	0.20	10
1426	100	10.89	10.89	41.	0.	0.04	0.21	15.25	15.25	57.	0.	0.04	0.21	10
1428	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	59.	0.	0.05	0.21	18
1430	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	60.	0.	0.05	0.22	25
1432	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	61.	0.	0.05	0.22	31
1434	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	61.	0.	0.05	0.22	35
1436	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	62.	0.	0.05	0.23	39
1438	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	64.	0.	0.05	0.23	42
1440	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	66.	0.	0.05	0.24	43
1442	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	67.	0.	0.05	0.25	44
1444	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	68.	0.	0.05	0.25	45
1446	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	69.	0.	0.05	0.25	42
1448	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	69.	0.	0.05	0.25	39
1450	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	69.	0.	0.05	0.25	36
1452	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	68.	0.	0.05	0.25	31
1454	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	67.	0.	0.05	0.24	24
1456	100	10.89	10.89	72.	0.	0.07	0.36	15.25	15.25	65.	0.	0.05	0.24	18
1458	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	62.	0.	0.05	0.23	11
1460	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	60.	0.	0.05	0.22	11
1462	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	57.	0.	0.04	0.21	10
1464	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	53.	0.	0.04	0.19	9
1466	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	50.	0.	0.04	0.18	9
1468	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	46.	0.	0.04	0.17	8
1470	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	42.	0.	0.03	0.15	8
1472	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	38.	0.	0.03	0.14	7
1474	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	35.	0.	0.03	0.13	6
1476	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	6
1478	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	28.	0.	0.02	0.10	5
1480	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	23.	0.	0.02	0.08	4
1482	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	19.	0.	0.02	0.07	3
1484	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	17.	0.	0.01	0.06	3
1486	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
1488	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
1490	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1492	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	12.	0.	0.01	0.05	2
1494	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	12.	0.	0.01	0.04	2
1496	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	12.	0.	0.01	0.04	2
1498	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	12.	0.	0.01	0.04	2
1500	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	12.	0.	0.01	0.04	2
1508	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1510	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.05	2
1512	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1514	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1516	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1518	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1520	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	12.	0.	0.01	0.04	2
1522	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1524	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
1526	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
1528	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	3
1530	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	16.	0.	0.01	0.06	3
1532	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.06	3
1534	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	20.	0.	0.02	0.07	4
1536	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
1538	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	5
1540	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	31.	0.	0.02	0.11	5
1542	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.13	6
1544	100	10.89	10.89	9.	0.	0.01	0.05	15.25	15.25	36.	0.	0.03	0.13	6
1578	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	45.	0.	0.04	0.16	11
1580	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	44.	0.	0.03	0.16	8
1582	100	10.89	10.89	6.	0.	0.01	0.03	15.25	15.25	42.	0.	0.03	0.15	8
1584	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	41.	0.	0.03	0.15	7
1586	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	39.	0.	0.03	0.14	7
1588	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	36.	0.	0.03	0.13	7
1590	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	34.	0.	0.03	0.13	6
1592	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	32.	0.	0.03	0.12	6
1594	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	29.	0.	0.02	0.11	5
1596	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	27.	0.	0.02	0.10	5
1598	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4
1600	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
1602	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	18.	0.	0.01	0.07	3
1604	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	16.	0.	0.01	0.06	3
1606	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.06	3
1608	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	3



1610	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	3
1612	100	10.89	10.89	1.	0.	0.00	0.01	15.25	15.25	14.	0.	0.01	0.05	3
1614	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	15.	0.	0.01	0.05	3
1616	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	15.	0.	0.01	0.06	3
1618	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	16.	0.	0.01	0.06	3
1620	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	17.	0.	0.01	0.06	3
1985	100	10.89	10.89	38.	0.	0.04	0.20	15.25	15.25	13.	0.	0.01	0.05	10
1986	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	17.	0.	0.01	0.06	8
1987	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	34.	0.	0.03	0.13	10
1988	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	37.	0.	0.03	0.14	10
1989	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	20.	0.	0.02	0.07	8
1990	100	10.89	10.89	38.	0.	0.04	0.20	15.25	15.25	13.	0.	0.01	0.05	10
1991	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	19.	0.	0.01	0.07	18
1992	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	18.	0.	0.01	0.07	18
1993	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	20.	0.	0.02	0.07	25
1994	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	21.	0.	0.02	0.08	31
1995	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	22.	0.	0.02	0.08	35
1996	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	24.	0.	0.02	0.09	39
1997	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	25.	0.	0.02	0.09	42
1998	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	26.	0.	0.02	0.09	43
1999	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	26.	0.	0.02	0.10	44
2000	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	27.	0.	0.02	0.10	45
2001	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	27.	0.	0.02	0.10	42
2002	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	27.	0.	0.02	0.10	39
2003	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	26.	0.	0.02	0.10	36
2004	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	26.	0.	0.02	0.09	31
2005	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	18.	0.	0.01	0.07	25
2006	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	17.	0.	0.01	0.06	31
2007	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	16.	0.	0.01	0.06	35
2008	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	16.	0.	0.01	0.06	39
2009	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	18.	0.	0.01	0.06	42
2010	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	20.	0.	0.02	0.07	43
2011	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	21.	0.	0.02	0.08	44
2012	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	23.	0.	0.02	0.08	45
2013	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	24.	0.	0.02	0.09	42
2014	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	25.	0.	0.02	0.09	39
2015	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	26.	0.	0.02	0.10	36
2016	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	28.	0.	0.02	0.10	31
2017	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	38.	0.	0.03	0.14	25
2018	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	38.	0.	0.03	0.14	31
2019	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	37.	0.	0.03	0.13	35
2020	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	36.	0.	0.03	0.13	39
2021	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	38.	0.	0.03	0.14	42
2022	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	40.	0.	0.03	0.15	43
2023	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	41.	0.	0.03	0.15	44
2024	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	43.	0.	0.03	0.16	45
2025	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	44.	0.	0.04	0.16	42
2026	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	45.	0.	0.04	0.17	39
2027	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	46.	0.	0.04	0.17	36
2028	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	47.	0.	0.04	0.17	31
2029	100	10.89	10.89	101.	0.	0.09	0.51	15.25	15.25	40.	0.	0.03	0.14	25
2030	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	41.	0.	0.03	0.15	31
2031	100	10.89	10.89	142.	0.	0.13	0.73	15.25	15.25	43.	0.	0.03	0.16	35
2032	100	10.89	10.89	156.	0.	0.15	0.80	15.25	15.25	44.	0.	0.03	0.16	39
2033	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	45.	0.	0.04	0.16	42
2034	100	10.89	10.89	174.	0.	0.16	0.88	15.25	15.25	46.	0.	0.04	0.17	43
2035	100	10.89	10.89	177.	0.	0.17	0.90	15.25	15.25	47.	0.	0.04	0.17	44
2036	100	10.89	10.89	180.	0.	0.17	0.91	15.25	15.25	47.	0.	0.04	0.17	45
2037	100	10.89	10.89	170.	0.	0.16	0.86	15.25	15.25	47.	0.	0.04	0.17	42
2038	100	10.89	10.89	159.	0.	0.15	0.81	15.25	15.25	47.	0.	0.04	0.17	39
2039	100	10.89	10.89	147.	0.	0.14	0.75	15.25	15.25	46.	0.	0.04	0.17	36
2040	100	10.89	10.89	123.	0.	0.12	0.63	15.25	15.25	45.	0.	0.04	0.17	31
2041	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	38.	0.	0.03	0.14	18
2042	100	10.89	10.89	71.	0.	0.07	0.36	15.25	15.25	37.	0.	0.03	0.14	18
2043	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	44.	0.	0.03	0.16	24
2044	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	46.	0.	0.04	0.17	24
2046	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	28.	0.	0.02	0.10	24
2047	100	10.89	10.89	96.	0.	0.09	0.49	15.25	15.25	25.	0.	0.02	0.09	24
2048	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	19.	0.	0.02	0.07	17
2049	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	24.	0.	0.02	0.09	16
2050	100	10.89	10.89	70.	0.	0.07	0.36	15.25	15.25	41.	0.	0.03	0.15	17
2051	100	10.89	10.89	70.	0.	0.07	0.36	15.25	15.25	46.	0.	0.04	0.17	17
2052	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	30.	0.	0.02	0.11	16
2053	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	23.	0.	0.02	0.08	17
2054	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.06	3
2055	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.06	3
2056	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	15.	0.	0.01	0.05	3
2057	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	14.	0.	0.01	0.05	2
2058	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
2059	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	13.	0.	0.01	0.05	2
2060	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
2061	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	25.	0.	0.02	0.09	4
2062	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	22.	0.	0.02	0.08	4
2063	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	21.	0.	0.02	0.08	4
2064	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	24.	0.	0.02	0.09	4



Monumento a Carlo Alberto – intervento di traslazione provvisoria – Relazione di calcolo

30_MTL2T1A2DURBMCAR010-0-1.DOCX

Table with columns for line numbers (2065-2077) and various numerical values representing structural parameters.

Main table with columns: GUSCI, spess, Af, AfC, SUPERIORE ORIZZONTALE (Mom, Nor, epsC, epsF), SUPERIORE VERTICALE (Mom, Nor, epsC, epsF), and COEF. MAX %.



680	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	10.	0.	0.01	0.04	32
682	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	9.	0.	0.01	0.03	32
684	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	9.	0.	0.01	0.03	33
686	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	8.	0.	0.01	0.03	33
688	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	8.	0.	0.01	0.03	32
690	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	7.	0.	0.01	0.03	32
692	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	6.	0.	0.00	0.02	30
694	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	5.	0.	0.00	0.02	27
696	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	4.	0.	0.00	0.02	25
698	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	3.	0.	0.00	0.01	21
700	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	2.	0.	0.00	0.01	16
702	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	1.	0.	0.00	0.00	11
704	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
706	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
708	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
710	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
712	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
714	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
716	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
718	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
720	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
722	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
724	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
726	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
728	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
730	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
732	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
734	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
736	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
738	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
740	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	1.	0.	0.00	0.00	6
742	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	2.	0.	0.00	0.01	9
744	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	3.	0.	0.00	0.01	13
746	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	7.	0.	0.01	0.02	15
748	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	9.	0.	0.01	0.03	16
750	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	10.	0.	0.01	0.04	17
752	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	10.	0.	0.01	0.04	17
754	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	11.	0.	0.01	0.04	17
756	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	11.	0.	0.01	0.04	16
758	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	11.	0.	0.01	0.04	15
760	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	12.	0.	0.01	0.04	13
762	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	12.	0.	0.01	0.04	11
764	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	12.	0.	0.01	0.05	10
766	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	12.	0.	0.01	0.05	8
768	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	12.	0.	0.01	0.05	6
770	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	12.	0.	0.01	0.04	5
772	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	12.	0.	0.01	0.04	3
774	100	10.89	10.89	8.	0.	0.01	0.04	15.25	15.25	12.	0.	0.01	0.04	2
776	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	11.	0.	0.01	0.04	2
778	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	10.	0.	0.01	0.04	2
780	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	10.	0.	0.01	0.04	2
782	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	4.	0.	0.00	0.02	1
784	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	4.	0.	0.00	0.01	5
786	100	10.89	10.89	44.	0.	0.04	0.23	15.25	15.25	3.	0.	0.00	0.01	11
788	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	3.	0.	0.00	0.01	15
790	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	2.	0.	0.00	0.01	19
792	100	10.89	10.89	95.	0.	0.09	0.48	15.25	15.25	3.	0.	0.00	0.01	24
794	100	10.89	10.89	107.	0.	0.10	0.54	15.25	15.25	3.	0.	0.00	0.01	26
796	100	10.89	10.89	114.	0.	0.11	0.58	15.25	15.25	4.	0.	0.00	0.01	28
798	100	10.89	10.89	122.	0.	0.11	0.62	15.25	15.25	4.	0.	0.00	0.02	30
800	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	5.	0.	0.00	0.02	32
802	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	6.	0.	0.00	0.02	32
804	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	6.	0.	0.00	0.02	33
806	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	7.	0.	0.01	0.03	33
808	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	8.	0.	0.01	0.03	32
810	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	9.	0.	0.01	0.03	32
812	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	9.	0.	0.01	0.03	30
814	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	9.	0.	0.01	0.03	27
816	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	9.	0.	0.01	0.03	25
818	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	9.	0.	0.01	0.03	21
820	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	9.	0.	0.01	0.03	16
822	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	8.	0.	0.01	0.03	11
824	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	7.	0.	0.01	0.03	5
826	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
828	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
830	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
832	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
834	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
836	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
838	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
840	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
842	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.02	1
844	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
846	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
848	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1



850	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.01	0.02	1
852	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
854	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	8.	0.	0.01	0.03	1
856	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	9.	0.	0.01	0.03	2
858	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	10.	0.	0.01	0.04	2
860	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	12.	0.	0.01	0.05	6
862	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	16.	0.	0.01	0.06	9
864	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	21.	0.	0.02	0.08	13
866	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	21.	0.	0.02	0.08	15
868	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	21.	0.	0.02	0.08	16
870	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	20.	0.	0.02	0.07	17
872	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	19.	0.	0.02	0.07	17
874	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	18.	0.	0.01	0.07	17
876	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	17.	0.	0.01	0.06	16
878	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	16.	0.	0.01	0.06	15
880	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	15.	0.	0.01	0.06	13
882	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	15.	0.	0.01	0.05	11
884	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	14.	0.	0.01	0.05	10
886	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	13.	0.	0.01	0.05	8
888	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	12.	0.	0.01	0.05	6
890	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	11.	0.	0.01	0.04	5
892	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	11.	0.	0.01	0.04	3
894	100	10.89	10.89	8.	0.	0.01	0.04	15.25	15.25	10.	0.	0.01	0.04	2
896	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	9.	0.	0.01	0.03	2
898	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	8.	0.	0.01	0.03	1
900	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	7.	0.	0.01	0.02	1
902	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	4.	0.	0.00	0.01	1
904	100	10.89	10.89	20.	0.	0.02	0.10	15.25	15.25	3.	0.	0.00	0.01	5
906	100	10.89	10.89	44.	0.	0.04	0.23	15.25	15.25	3.	0.	0.00	0.01	11
908	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	3.	0.	0.00	0.01	15
910	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	3.	0.	0.00	0.01	19
912	100	10.89	10.89	95.	0.	0.09	0.48	15.25	15.25	4.	0.	0.00	0.01	24
914	100	10.89	10.89	107.	0.	0.10	0.54	15.25	15.25	4.	0.	0.00	0.02	26
916	100	10.89	10.89	114.	0.	0.11	0.58	15.25	15.25	5.	0.	0.00	0.02	28
918	100	10.89	10.89	122.	0.	0.11	0.62	15.25	15.25	5.	0.	0.00	0.02	30
920	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	5.	0.	0.00	0.02	32
922	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	6.	0.	0.00	0.02	32
924	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	6.	0.	0.00	0.02	33
926	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	7.	0.	0.01	0.02	33
928	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	7.	0.	0.01	0.03	32
930	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	7.	0.	0.01	0.03	32
932	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	8.	0.	0.01	0.03	30
934	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	8.	0.	0.01	0.03	27
936	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	7.	0.	0.01	0.03	25
938	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	7.	0.	0.01	0.03	21
940	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	7.	0.	0.01	0.02	16
942	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	6.	0.	0.00	0.02	11
944	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	5.	0.	0.00	0.02	5
946	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
948	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
950	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
952	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
954	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
956	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
958	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
960	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	2.	0.	0.00	0.01	0
962	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	0
964	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
966	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	3.	0.	0.00	0.01	1
968	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.01	1
970	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	4.	0.	0.00	0.02	1
972	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	5.	0.	0.00	0.02	1
974	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	6.	0.	0.00	0.02	1
976	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	7.	0.	0.01	0.03	1
978	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	8.	0.	0.01	0.03	2
980	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	10.	0.	0.01	0.04	6
982	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	14.	0.	0.01	0.05	9
984	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	19.	0.	0.01	0.07	13
986	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	19.	0.	0.02	0.07	15
988	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	19.	0.	0.02	0.07	16
990	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	19.	0.	0.01	0.07	17
992	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	18.	0.	0.01	0.07	17
994	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	18.	0.	0.01	0.07	17
996	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	17.	0.	0.01	0.06	16
998	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	16.	0.	0.01	0.06	15
1000	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	16.	0.	0.01	0.06	13
1002	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	16.	0.	0.01	0.06	11
1004	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	15.	0.	0.01	0.06	10
1006	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	15.	0.	0.01	0.05	8
1008	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	14.	0.	0.01	0.05	6
1010	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	14.	0.	0.01	0.05	5
1012	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	13.	0.	0.01	0.05	3
1014	100	10.89	10.89	8.	0.	0.01	0.04	15.25	15.25	12.	0.	0.01	0.05	2
1016	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	12.	0.	0.01	0.04	2
1018	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	11.	0.	0.01	0.04	2



1020	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	10.	0.	0.01	0.04	2
1028	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	3.	0.	0.00	0.01	15
1030	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	3.	0.	0.00	0.01	19
1032	100	10.89	10.89	95.	0.	0.09	0.48	15.25	15.25	3.	0.	0.00	0.01	24
1034	100	10.89	10.89	107.	0.	0.10	0.54	15.25	15.25	3.	0.	0.00	0.01	26
1036	100	10.89	10.89	114.	0.	0.11	0.58	15.25	15.25	3.	0.	0.00	0.01	28
1038	100	10.89	10.89	122.	0.	0.11	0.62	15.25	15.25	3.	0.	0.00	0.01	30
1040	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	2.	0.	0.00	0.01	32
1042	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	2.	0.	0.00	0.01	32
1044	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	1.	0.	0.00	0.00	33
1046	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	1.	0.	0.00	0.00	33
1048	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32
1050	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1052	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1054	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	0.	0.	0.00	0.00	27
1056	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	0.	0.	0.00	0.00	25
1058	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	21
1060	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1062	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	0.	0.	0.00	0.00	11
1064	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
1098	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1100	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	0.	0.	0.00	0.00	6
1102	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	0.	0.	0.00	0.00	9
1104	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1106	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	0.	0.	0.00	0.00	15
1108	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	4.	0.	0.00	0.02	16
1110	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	5.	0.	0.00	0.02	17
1112	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	6.	0.	0.00	0.02	17
1114	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	7.	0.	0.01	0.03	17
1116	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	8.	0.	0.01	0.03	16
1118	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	9.	0.	0.01	0.03	15
1120	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	10.	0.	0.01	0.04	13
1122	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	10.	0.	0.01	0.04	11
1124	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	11.	0.	0.01	0.04	10
1126	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	11.	0.	0.01	0.04	8
1128	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	11.	0.	0.01	0.04	6
1130	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	11.	0.	0.01	0.04	5
1132	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	11.	0.	0.01	0.04	3
1134	100	10.89	10.89	8.	0.	0.01	0.04	15.25	15.25	11.	0.	0.01	0.04	2
1136	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	11.	0.	0.01	0.04	2
1138	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	10.	0.	0.01	0.04	2
1140	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	10.	0.	0.01	0.04	2
1142	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1144	100	10.89	10.89	16.	0.	0.02	0.08	15.25	15.25	0.	0.	0.00	0.00	4
1148	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1150	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	19
1152	100	10.89	10.89	95.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	24
1154	100	10.89	10.89	107.	0.	0.10	0.54	15.25	15.25	0.	0.	0.00	0.00	26
1156	100	10.89	10.89	114.	0.	0.11	0.58	15.25	15.25	0.	0.	0.00	0.00	28
1158	100	10.89	10.89	122.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1160	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1162	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32
1164	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1166	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1168	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32
1170	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1172	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1174	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	0.	0.	0.00	0.00	27
1176	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	0.	0.	0.00	0.00	25
1178	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	21
1180	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1182	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	0.	0.	0.00	0.00	11
1184	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
1186	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1188	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1190	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1192	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1194	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1196	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1198	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1200	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1202	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1204	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1206	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1208	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1210	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1212	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1214	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1216	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1218	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1220	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	0.	0.	0.00	0.00	6
1222	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	0.	0.	0.00	0.00	9
1224	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1226	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	0.	0.	0.00	0.00	15
1228	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16



1230	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1232	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1234	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	0.	0.	0.00	0.00	17
1236	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1238	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	3.	0.	0.00	0.01	15
1240	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	4.	0.	0.00	0.02	13
1242	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	6.	0.	0.00	0.02	11
1244	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	7.	0.	0.01	0.03	10
1246	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	8.	0.	0.01	0.03	8
1248	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	9.	0.	0.01	0.03	6
1250	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	9.	0.	0.01	0.03	5
1252	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	9.	0.	0.01	0.03	3
1254	100	10.89	10.89	8.	0.	0.01	0.04	15.25	15.25	9.	0.	0.01	0.03	2
1256	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	9.	0.	0.01	0.03	2
1258	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	9.	0.	0.01	0.03	2
1260	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	9.	0.	0.01	0.03	2
1262	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1264	100	10.89	10.89	16.	0.	0.02	0.08	15.25	15.25	0.	0.	0.00	0.00	4
1268	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1270	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	19
1272	100	10.89	10.89	95.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	24
1274	100	10.89	10.89	107.	0.	0.10	0.54	15.25	15.25	0.	0.	0.00	0.00	26
1276	100	10.89	10.89	114.	0.	0.11	0.58	15.25	15.25	0.	0.	0.00	0.00	28
1278	100	10.89	10.89	122.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1280	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1282	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32
1284	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1286	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1288	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32
1290	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1292	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1294	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	0.	0.	0.00	0.00	27
1296	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	0.	0.	0.00	0.00	25
1298	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	21
1300	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1302	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	0.	0.	0.00	0.00	11
1304	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
1306	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1308	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1310	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1312	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1314	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1316	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1318	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1320	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1322	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1324	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1326	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1328	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1330	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1332	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1334	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1336	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1338	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1340	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	0.	0.	0.00	0.00	6
1342	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	0.	0.	0.00	0.00	9
1344	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1346	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	0.	0.	0.00	0.00	15
1348	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1350	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1352	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1354	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	0.	0.	0.00	0.00	17
1356	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1358	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	2.	0.	0.00	0.01	15
1360	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	4.	0.	0.00	0.02	13
1362	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	6.	0.	0.00	0.02	11
1364	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	7.	0.	0.01	0.02	10
1366	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	8.	0.	0.01	0.03	8
1368	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	8.	0.	0.01	0.03	6
1370	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	8.	0.	0.01	0.03	5
1372	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	9.	0.	0.01	0.03	3
1374	100	10.89	10.89	8.	0.	0.01	0.04	15.25	15.25	9.	0.	0.01	0.03	2
1376	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	9.	0.	0.01	0.03	2
1378	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	8.	0.	0.01	0.03	2
1380	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	8.	0.	0.01	0.03	1
1382	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1384	100	10.89	10.89	16.	0.	0.02	0.08	15.25	15.25	0.	0.	0.00	0.00	4
1388	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1390	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	19
1392	100	10.89	10.89	95.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	24
1394	100	10.89	10.89	107.	0.	0.10	0.54	15.25	15.25	0.	0.	0.00	0.00	26
1396	100	10.89	10.89	114.	0.	0.11	0.58	15.25	15.25	0.	0.	0.00	0.00	28
1398	100	10.89	10.89	122.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1400	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1402	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32



1404	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1406	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1408	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32
1410	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1412	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1414	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	0.	0.	0.00	0.00	27
1416	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	0.	0.	0.00	0.00	25
1418	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	0.	0.	0.00	0.00	21
1420	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1422	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	0.	0.	0.00	0.00	11
1424	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
1426	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1428	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1430	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1432	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1434	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1436	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1438	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1440	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1442	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1444	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1446	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1448	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1450	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1452	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1454	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1456	100	10.89	10.89	0.	0.	0.00	0.00	15.25	15.25	0.	0.	0.00	0.00	0
1458	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
1460	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	0.	0.	0.00	0.00	6
1462	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	0.	0.	0.00	0.00	9
1464	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	0.	0.	0.00	0.00	13
1466	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	0.	0.	0.00	0.00	15
1468	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	0.	0.	0.00	0.00	16
1470	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	0.	0.	0.00	0.00	17
1472	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	2.	0.	0.00	0.01	17
1474	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	4.	0.	0.00	0.01	17
1476	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	5.	0.	0.00	0.02	16
1478	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	6.	0.	0.00	0.02	15
1480	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	7.	0.	0.01	0.03	13
1482	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	8.	0.	0.01	0.03	11
1484	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	9.	0.	0.01	0.03	10
1486	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	9.	0.	0.01	0.03	8
1488	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	9.	0.	0.01	0.03	6
1490	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	9.	0.	0.01	0.03	5
1492	100	10.89	10.89	13.	0.	0.01	0.07	15.25	15.25	9.	0.	0.01	0.03	3
1494	100	10.89	10.89	8.	0.	0.01	0.04	15.25	15.25	9.	0.	0.01	0.03	2
1496	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	8.	0.	0.01	0.03	1
1498	100	10.89	10.89	3.	0.	0.00	0.02	15.25	15.25	8.	0.	0.01	0.03	1
1500	100	10.89	10.89	2.	0.	0.00	0.01	15.25	15.25	7.	0.	0.01	0.03	1
1508	100	10.89	10.89	62.	0.	0.06	0.32	15.25	15.25	0.	0.	0.00	0.00	15
1510	100	10.89	10.89	78.	0.	0.07	0.40	15.25	15.25	0.	0.	0.00	0.00	19
1512	100	10.89	10.89	95.	0.	0.09	0.48	15.25	15.25	0.	0.	0.00	0.00	24
1514	100	10.89	10.89	107.	0.	0.10	0.54	15.25	15.25	0.	0.	0.00	0.00	26
1516	100	10.89	10.89	114.	0.	0.11	0.58	15.25	15.25	0.	0.	0.00	0.00	28
1518	100	10.89	10.89	122.	0.	0.11	0.62	15.25	15.25	0.	0.	0.00	0.00	30
1520	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	0.	0.	0.00	0.00	32
1522	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	0.	0.	0.00	0.00	32
1524	100	10.89	10.89	132.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1526	100	10.89	10.89	133.	0.	0.12	0.68	15.25	15.25	0.	0.	0.00	0.00	33
1528	100	10.89	10.89	130.	0.	0.12	0.66	15.25	15.25	1.	0.	0.00	0.01	32
1530	100	10.89	10.89	127.	0.	0.12	0.65	15.25	15.25	2.	0.	0.00	0.01	32
1532	100	10.89	10.89	121.	0.	0.11	0.62	15.25	15.25	3.	0.	0.00	0.01	30
1534	100	10.89	10.89	110.	0.	0.10	0.56	15.25	15.25	3.	0.	0.00	0.01	27
1536	100	10.89	10.89	99.	0.	0.09	0.51	15.25	15.25	2.	0.	0.00	0.01	25
1538	100	10.89	10.89	86.	0.	0.08	0.44	15.25	15.25	2.	0.	0.00	0.01	21
1540	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	2.	0.	0.00	0.01	16
1542	100	10.89	10.89	43.	0.	0.04	0.22	15.25	15.25	1.	0.	0.00	0.00	11
1544	100	10.89	10.89	19.	0.	0.02	0.10	15.25	15.25	0.	0.	0.00	0.00	5
1578	100	10.89	10.89	4.	0.	0.00	0.02	15.25	15.25	2.	0.	0.00	0.01	1
1580	100	10.89	10.89	23.	0.	0.02	0.12	15.25	15.25	5.	0.	0.00	0.02	6
1582	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	9.	0.	0.01	0.03	9
1584	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	15.	0.	0.01	0.06	13
1586	100	10.89	10.89	60.	0.	0.06	0.31	15.25	15.25	16.	0.	0.01	0.06	15
1588	100	10.89	10.89	65.	0.	0.06	0.33	15.25	15.25	16.	0.	0.01	0.06	16
1590	100	10.89	10.89	69.	0.	0.06	0.35	15.25	15.25	16.	0.	0.01	0.06	17
1592	100	10.89	10.89	70.	0.	0.07	0.35	15.25	15.25	16.	0.	0.01	0.06	17
1594	100	10.89	10.89	67.	0.	0.06	0.34	15.25	15.25	15.	0.	0.01	0.06	17
1596	100	10.89	10.89	64.	0.	0.06	0.33	15.25	15.25	14.	0.	0.01	0.05	16
1598	100	10.89	10.89	59.	0.	0.06	0.30	15.25	15.25	13.	0.	0.01	0.05	15
1600	100	10.89	10.89	53.	0.	0.05	0.27	15.25	15.25	13.	0.	0.01	0.05	13
1602	100	10.89	10.89	46.	0.	0.04	0.23	15.25	15.25	12.	0.	0.01	0.04	11
1604	100	10.89	10.89	39.	0.	0.04	0.20	15.25	15.25	12.	0.	0.01	0.04	10
1606	100	10.89	10.89	32.	0.	0.03	0.16	15.25	15.25	11.	0.	0.01	0.04	8
1608	100	10.89	10.89	25.	0.	0.02	0.13	15.25	15.25	11.	0.	0.01	0.04	6
1610	100	10.89	10.89	19.	0.	0.02	0.09	15.25	15.25	10.	0.	0.01	0.04	5



2066	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	0.	0.	0.00	0.00	1
2067	100	10.89	10.89	17.	0.	0.02	0.09	15.25	15.25	0.	0.	0.00	0.00	4
2068	100	10.89	10.89	5.	0.	0.00	0.02	15.25	15.25	2.	0.	0.00	0.01	1
2069	100	10.89	10.89	17.	0.	0.02	0.09	15.25	15.25	2.	0.	0.00	0.01	4
2070	100	10.89	10.89	27.	0.	0.03	0.14	15.25	15.25	0.	0.	0.00	0.00	7
2071	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	0.	0.	0.00	0.00	9
2072	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	0.	0.	0.00	0.00	11
2073	100	10.89	10.89	40.	0.	0.04	0.20	15.25	15.25	0.	0.	0.00	0.00	10
2074	100	10.89	10.89	40.	0.	0.04	0.20	15.25	15.25	0.	0.	0.00	0.00	10
2075	100	10.89	10.89	44.	0.	0.04	0.22	15.25	15.25	1.	0.	0.00	0.00	11
2076	100	10.89	10.89	27.	0.	0.03	0.14	15.25	15.25	2.	0.	0.00	0.01	7
2077	100	10.89	10.89	38.	0.	0.04	0.19	15.25	15.25	2.	0.	0.00	0.01	9

L'ARMATURA È OVUNQUE > DELLA QUANTITÀ RICHIESTA: IL PUNTO 2.3 DELLE NTC È VERIFICATO (Rd > Ed)

VERIFICHE A PUNZONAMENTO

	Norm	beta	sigT	Pcrit	Ro	Acrit	VRd,c	Ved	A staffe	VRd,cs	
	[kN]		[N/mm2]	[cm]	[%]	[cm2]	[kN]	[kN]	[cm2]	[kN]	
A 41	-40.822	1.11	0.010	238.1	0.11	16473.2	3481.410	29.020	0.0	0.000	SI
A 43	-69.216	1.11	0.010	273.6	0.11	23272.9	1600.040	53.840	0.0	0.000	SI
A 45	-22.998	1.11	0.010	208.3	0.11	11830.9	4060.080	13.730	0.0	0.000	SI
A 47	-18.164	1.13	0.010	178.4	0.11	8065.7	5217.420	12.500	0.0	0.000	SI
A 49	-26.793	1.14	0.010	208.3	0.11	10571.8	4060.080	19.920	0.0	0.000	SI
A 51	-47.630	1.05	0.010	297.8	0.11	13785.9	2902.740	36.090	0.0	0.000	SI
A 53	-77.255	1.04	0.010	327.7	0.11	16717.8	2737.410	63.550	0.0	0.000	SI
A 55	-109.132	1.03	0.010	357.5	0.11	19928.8	2613.410	93.010	0.0	0.000	SI
A 57	-133.969	1.03	0.010	387.3	0.11	23418.9	2516.960	114.910	0.0	0.000	SI
A 59	-144.628	1.03	0.010	417.2	0.11	27188.0	2439.810	121.930	0.0	0.000	SI
A 61	-138.510	1.03	0.010	387.3	0.11	23418.9	2516.960	119.500	0.0	0.000	SI
A 63	-117.387	1.03	0.010	387.3	0.11	23418.9	2516.960	97.780	0.0	0.000	SI
A 65	-87.386	1.03	0.010	357.5	0.11	19928.8	2613.410	70.470	0.0	0.000	SI
A 67	-56.435	1.04	0.010	297.8	0.11	13785.9	2902.740	44.970	0.0	0.000	SI
A 69	-29.310	1.13	0.010	208.3	0.11	10571.8	4060.080	22.510	0.0	0.000	SI
A 71	-7.374	1.40	0.010	137.2	0.11	3875.3	8021.990	6.420	0.0	0.000	SI
A 73	10.143	2.09	0.010	196.9	0.11	2989.6	5756.400	12.440	0.0	0.000	SI
A 79	-62.348	1.09	0.010	254.7	0.11	20189.5	1654.880	47.830	0.0	0.000	SI
A 81	-48.608	1.09	0.010	289.8	0.11	25139.0	2421.410	27.660	0.0	0.000	SI
A 83	-40.139	1.08	0.010	230.1	0.11	14753.4	3364.510	28.650	0.0	0.000	SI
A 85	-38.280	1.08	0.010	230.1	0.11	13933.8	3364.510	27.290	0.0	0.000	SI
A 87	-43.321	1.08	0.010	230.1	0.11	13146.1	3364.510	33.500	0.0	0.000	SI
A 89	-54.580	1.03	0.010	289.8	0.11	13095.3	2824.810	42.860	0.0	0.000	SI
A 91	-70.201	1.02	0.010	319.7	0.11	15950.9	2670.600	55.960	0.0	0.000	SI
A 93	-86.742	1.02	0.010	349.5	0.11	19085.6	2554.950	69.690	0.0	0.000	SI
A 95	-99.403	1.02	0.010	349.5	0.11	19085.6	2554.950	82.600	0.0	0.000	SI
A 97	-104.496	1.02	0.010	349.5	0.11	19085.6	2554.950	87.770	0.0	0.000	SI
A 99	-100.649	1.02	0.010	349.5	0.11	19085.6	2554.950	83.850	0.0	0.000	SI
A 101	-88.763	1.02	0.010	349.5	0.11	19085.6	2554.950	71.740	0.0	0.000	SI
A 103	-71.972	1.02	0.010	319.7	0.11	15950.9	2670.600	57.760	0.0	0.000	SI
A 105	-54.378	1.03	0.010	289.8	0.11	13095.3	2824.810	42.660	0.0	0.000	SI
A 107	-38.569	1.08	0.010	230.1	0.11	13146.1	3364.510	28.480	0.0	0.000	SI
A 109	-25.460	1.09	0.010	200.3	0.11	10472.5	3904.210	17.250	0.0	0.000	SI
A 111	-14.885	1.13	0.010	121.2	0.11	3376.1	7086.280	13.430	0.0	0.000	SI
A 113	-6.134	1.15	0.010	121.2	0.11	3547.8	7086.280	3.500	0.0	0.000	SI
A 115	1.622	1.81	0.010	180.9	0.11	2543.7	5288.540	8.540	0.0	0.000	SI

MACROGUSCIO Trave3

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

CASI DI CARICO: ->

Nome	Descrizione	
2	Rara	(RARA)
3	Frequente	(FREQUENTE)
4	Quasi Perm	(QUASI PERMANENTE)

DATI:

copriferro inferiore (asse armatura): 5 cm
copriferro superiore (asse armatura): 5 cm

Af = area effettiva tesa (cm2 al metro)
Afc = area effettiva compressa (cm2 al metro)
Mom = momento flettente [kNm/m]
Nor = sforzo normale [kN]

σc = tensione calcestruzzo [N/mm2]
valore max per combinazione rara = 14.94 N/mm2
quasi permanente = 11.2 N/mm2

σf = tensione acciaio [N/mm2]
valore max per combinazione rara = 360 N/mm2

wkF = apertura caratteristica per combinazione frequente (mm) - valore max = 0.4 mm



wkP = '' '' '' '' quasi permanente (mm) - '' '' = 0.3 mm

DATI FRC (calcestruzzo fibrorinforzato, verifica secondo Linee Guida maggio 2022): fFtsk = tensione di progetto in esercizio = 0 N/mm2

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ARMATURA INFERIORE ORIZZONTALE

Table with columns: GUSCI, Af, Afc, MOM, Nor, sigma_c, sigma_f, COMB. FREQUENTE, COMB. QUASI PERMANENTE. Rows 542-690.



692	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
694	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
696	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
698	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
700	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
702	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
704	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
706	10.89	10.89	23.74	0.00	0.31	24.	21.37	0.00	0.003	18.99	0.00	0.24	0.003
708	10.89	10.89	44.91	0.00	0.58	46.	40.42	0.00	0.006	35.93	0.00	0.46	0.005
710	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
712	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
714	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
716	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
718	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
720	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
722	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
724	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
726	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
728	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
730	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
732	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
734	10.89	10.89	63.19	0.00	0.81	64.	56.87	0.00	0.008	50.55	0.00	0.65	0.007
736	10.89	10.89	44.97	0.00	0.58	46.	40.47	0.00	0.006	35.98	0.00	0.46	0.005
738	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
740	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001
742	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
744	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
746	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
748	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
750	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
752	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
754	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
756	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
758	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
760	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
762	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
764	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
766	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
768	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
770	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
772	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
774	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
776	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
778	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
780	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
782	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
784	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
786	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
788	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
790	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
792	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
794	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
796	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
798	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
800	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
802	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
804	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
806	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
808	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
810	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
812	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
814	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
816	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
818	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
820	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
822	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
824	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
826	10.89	10.89	23.74	0.00	0.31	24.	21.37	0.00	0.003	18.99	0.00	0.24	0.003
828	10.89	10.89	44.91	0.00	0.58	46.	40.42	0.00	0.006	35.93	0.00	0.46	0.005
830	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
832	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
834	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
836	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
838	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
840	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
842	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
844	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
846	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
848	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
850	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
852	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
854	10.89	10.89	63.19	0.00	0.81	64.	56.87	0.00	0.008	50.55	0.00	0.65	0.007
856	10.89	10.89	44.97	0.00	0.58	46.	40.47	0.00	0.006	35.98	0.00	0.46	0.005
858	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
860	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001



862	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
864	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
866	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
868	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
870	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
872	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
874	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
876	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
878	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
880	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
882	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
884	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
886	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
888	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
890	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
892	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
894	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
896	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
898	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
900	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
902	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
904	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
906	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
908	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
910	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
912	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
914	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
916	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
918	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
920	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
922	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
924	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
926	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
928	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
930	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
932	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
934	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
936	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
938	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
940	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
942	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
944	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
946	10.89	10.89	23.74	0.00	0.31	24.	21.37	0.00	0.003	18.99	0.00	0.24	0.003
948	10.89	10.89	44.91	0.00	0.58	46.	40.42	0.00	0.006	35.93	0.00	0.46	0.005
950	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
952	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
954	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
956	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
958	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
960	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
962	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
964	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
966	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
968	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
970	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
972	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
974	10.89	10.89	63.19	0.00	0.81	64.	56.87	0.00	0.008	50.55	0.00	0.65	0.007
976	10.89	10.89	44.97	0.00	0.58	46.	40.47	0.00	0.006	35.98	0.00	0.46	0.005
978	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
980	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001
982	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
984	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
986	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
988	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
990	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
992	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
994	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
996	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
998	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1000	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1002	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1004	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1006	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1008	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1010	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1012	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
1014	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
1016	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
1018	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
1020	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
1028	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1030	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1032	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1034	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1036	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1038	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1040	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1042	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1044	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1046	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1048	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1050	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1052	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1054	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1056	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1058	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1060	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1062	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1064	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
1098	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
1100	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001
1102	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
1104	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1106	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1108	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1110	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1112	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1114	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1116	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1118	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1120	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1122	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1124	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1126	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1128	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1130	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1132	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
1134	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
1136	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
1138	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
1140	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
1142	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1144	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1148	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1150	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1152	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1154	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1156	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1158	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1160	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1162	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1164	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1166	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1168	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1170	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1172	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1174	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1176	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1178	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1180	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1182	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1184	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
1186	10.89	10.89	24.31	0.00	0.31	25.	21.88	0.00	0.003	19.45	0.00	0.25	0.003
1188	10.89	10.89	45.65	0.00	0.59	46.	41.09	0.00	0.006	36.52	0.00	0.47	0.005
1190	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
1192	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
1194	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
1196	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
1198	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
1200	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
1202	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
1204	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
1206	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
1208	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
1210	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
1212	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
1214	10.89	10.89	63.90	0.00	0.82	65.	57.51	0.00	0.008	51.12	0.00	0.66	0.008
1216	10.89	10.89	45.53	0.00	0.59	46.	40.98	0.00	0.006	36.43	0.00	0.47	0.005
1218	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
1220	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001
1222	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
1224	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1226	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1228	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1230	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1232	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1234	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1236	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1238	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1240	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1242	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1244	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1246	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1248	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1250	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1252	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
1254	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
1256	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
1258	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
1260	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
1262	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1264	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1268	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1270	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1272	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1274	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1276	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1278	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1280	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1282	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1284	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1286	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1288	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1290	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1292	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1294	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1296	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1298	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1300	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1302	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1304	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
1306	10.89	10.89	24.31	0.00	0.31	25.	21.88	0.00	0.003	19.45	0.00	0.25	0.003
1308	10.89	10.89	45.65	0.00	0.59	46.	41.09	0.00	0.006	36.52	0.00	0.47	0.005
1310	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
1312	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
1314	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
1316	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
1318	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
1320	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
1322	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
1324	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
1326	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
1328	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
1330	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
1332	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
1334	10.89	10.89	63.90	0.00	0.82	65.	57.51	0.00	0.008	51.12	0.00	0.66	0.008
1336	10.89	10.89	45.53	0.00	0.59	46.	40.98	0.00	0.006	36.43	0.00	0.47	0.005
1338	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
1340	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001
1342	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
1344	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1346	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1348	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1350	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1352	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1354	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1356	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1358	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1360	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1362	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1364	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1366	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1368	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1370	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1372	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
1374	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
1376	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
1378	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
1380	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
1382	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1384	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1388	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1390	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1392	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1394	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1396	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1398	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1400	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1402	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1404	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1406	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1408	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1410	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1412	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1414	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1416	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1418	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1420	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1422	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1424	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
1426	10.89	10.89	24.31	0.00	0.31	25.	21.88	0.00	0.003	19.45	0.00	0.25	0.003
1428	10.89	10.89	45.65	0.00	0.59	46.	41.09	0.00	0.006	36.52	0.00	0.47	0.005
1430	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
1432	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
1434	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
1436	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
1438	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
1440	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
1442	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
1444	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
1446	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
1448	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
1450	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
1452	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
1454	10.89	10.89	63.90	0.00	0.82	65.	57.51	0.00	0.008	51.12	0.00	0.66	0.008
1456	10.89	10.89	45.53	0.00	0.59	46.	40.98	0.00	0.006	36.43	0.00	0.47	0.005
1458	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
1460	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001
1462	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
1464	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1466	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1468	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1470	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1472	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1474	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1476	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1478	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1480	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1482	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1484	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1486	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1488	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1490	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1492	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
1494	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
1496	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
1498	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
1500	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
1508	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1510	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1512	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1514	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1516	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1518	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1520	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1522	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1524	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1526	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1528	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1530	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1532	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1534	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1536	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1538	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1540	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1542	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1544	10.89	10.89	1.07	0.00	0.01	1.	0.96	0.00	0.000	0.86	0.00	0.01	0.000
1578	10.89	10.89	25.74	0.00	0.33	26.	23.17	0.00	0.003	20.59	0.00	0.27	0.003
1580	10.89	10.89	11.00	0.00	0.14	11.	9.90	0.00	0.001	8.80	0.00	0.11	0.001
1582	10.89	10.89	1.12	0.00	0.01	1.	1.01	0.00	0.000	0.90	0.00	0.01	0.000
1584	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1586	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1588	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1590	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1592	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1594	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1596	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1598	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1600	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1602	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1604	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1606	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1608	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1610	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1612	10.89	10.89	0.26	0.00	0.00	0.	0.23	0.00	0.000	0.21	0.00	0.00	0.000
1614	10.89	10.89	1.99	0.00	0.03	2.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
1616	10.89	10.89	2.54	0.00	0.03	3.	2.28	0.00	0.000	2.03	0.00	0.03	0.000
1618	10.89	10.89	1.89	0.00	0.02	2.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
1620	10.89	10.89	1.54	0.00	0.02	2.	1.38	0.00	0.000	1.23	0.00	0.02	0.000
1985	10.89	10.89	25.63	0.00	0.33	26.	23.07	0.00	0.003	20.51	0.00	0.26	0.003



1986	10.89	10.89	21.53	0.00	0.28	22.	19.38	0.00	0.003	17.23	0.00	0.22	0.003
1987	10.89	10.89	25.86	0.00	0.33	26.	23.27	0.00	0.003	20.69	0.00	0.27	0.003
1988	10.89	10.89	25.86	0.00	0.33	26.	23.27	0.00	0.003	20.69	0.00	0.27	0.003
1989	10.89	10.89	21.53	0.00	0.28	22.	19.38	0.00	0.003	17.23	0.00	0.22	0.003
1990	10.89	10.89	25.63	0.00	0.33	26.	23.07	0.00	0.003	20.51	0.00	0.26	0.003
1991	10.89	10.89	45.29	0.00	0.58	46.	40.76	0.00	0.006	36.23	0.00	0.47	0.005
1992	10.89	10.89	45.29	0.00	0.58	46.	40.76	0.00	0.006	36.23	0.00	0.47	0.005
1993	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
1994	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
1995	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
1996	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
1997	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
1998	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
1999	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
2000	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
2001	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
2002	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
2003	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
2004	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
2005	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
2006	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
2007	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
2008	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
2009	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
2010	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
2011	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
2012	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
2013	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
2014	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
2015	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
2016	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
2017	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
2018	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
2019	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
2020	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
2021	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
2022	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
2023	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
2024	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
2025	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
2026	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
2027	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
2028	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
2029	10.89	10.89	65.65	0.00	0.84	67.	59.09	0.00	0.009	52.52	0.00	0.68	0.008
2030	10.89	10.89	84.58	0.00	1.09	86.	76.13	0.00	0.011	67.67	0.00	0.87	0.010
2031	10.89	10.89	94.97	0.00	1.22	97.	85.48	0.00	0.013	75.98	0.00	0.98	0.011
2032	10.89	10.89	104.16	-0.01	1.34	106.	93.74	0.00	0.014	83.33	0.00	1.07	0.012
2033	10.89	10.89	113.22	-0.01	1.46	115.	101.89	0.00	0.015	90.57	0.00	1.17	0.013
2034	10.89	10.89	115.72	-0.01	1.49	118.	104.15	0.00	0.015	92.58	0.00	1.19	0.014
2035	10.89	10.89	117.89	-0.01	1.52	120.	106.10	-0.01	0.016	94.31	0.00	1.21	0.014
2036	10.89	10.89	119.73	-0.01	1.54	122.	107.76	-0.01	0.016	95.79	0.00	1.23	0.014
2037	10.89	10.89	113.14	-0.01	1.46	115.	101.83	-0.01	0.015	90.51	0.00	1.16	0.013
2038	10.89	10.89	105.95	-0.01	1.36	108.	95.36	0.00	0.014	84.76	0.00	1.09	0.012
2039	10.89	10.89	97.91	-0.01	1.26	100.	88.12	0.00	0.013	78.32	0.00	1.01	0.012
2040	10.89	10.89	81.34	-0.01	1.05	83.	73.21	0.00	0.011	65.07	0.00	0.84	0.010
2041	10.89	10.89	45.65	0.00	0.59	46.	41.09	0.00	0.006	36.52	0.00	0.47	0.005
2042	10.89	10.89	45.65	0.00	0.59	46.	41.09	0.00	0.006	36.52	0.00	0.47	0.005
2043	10.89	10.89	63.90	0.00	0.82	65.	57.51	0.00	0.008	51.12	0.00	0.66	0.008
2044	10.89	10.89	63.90	0.00	0.82	65.	57.51	0.00	0.008	51.12	0.00	0.66	0.008
2046	10.89	10.89	63.56	0.00	0.82	65.	57.20	0.00	0.008	50.84	0.00	0.65	0.007
2047	10.89	10.89	63.56	0.00	0.82	65.	57.20	0.00	0.008	50.84	0.00	0.65	0.007
2048	10.89	10.89	46.44	0.00	0.60	47.	41.80	0.00	0.006	37.16	0.00	0.48	0.005
2049	10.89	10.89	42.69	0.00	0.55	43.	38.42	0.00	0.006	34.16	0.00	0.44	0.005
2050	10.89	10.89	46.60	0.00	0.60	47.	41.94	0.00	0.006	37.28	0.00	0.48	0.005
2051	10.89	10.89	46.60	0.00	0.60	47.	41.94	0.00	0.006	37.28	0.00	0.48	0.005
2052	10.89	10.89	42.69	0.00	0.55	43.	38.42	0.00	0.006	34.16	0.00	0.44	0.005
2053	10.89	10.89	46.44	0.00	0.60	47.	41.80	0.00	0.006	37.16	0.00	0.48	0.005
2054	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2055	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2056	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2057	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2058	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2059	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2060	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2061	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2062	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2063	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2064	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2065	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2066	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2067	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2068	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2069	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2070	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2071	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



2072	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2073	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2074	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2075	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2076	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2077	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000

ARMATURA INFERIORE VERTICALE

GUSCI	COMBINAZIONE RARA		COMB. FREQUENTE				COMB. QUASI PERMANENTE						
	Af	AfC	Mom	Nor	σc	σf	Mom	Nor	wkF	Mom	Nor	σc	wkP
542	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
544	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
546	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
548	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
550	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
552	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
554	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
556	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
558	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
560	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
562	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
564	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
566	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
568	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
570	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
572	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
574	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
576	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
578	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
580	15.25	15.25	0.49	0.00	0.01	0.	0.44	0.00	0.000	0.39	0.00	0.00	0.000
582	15.25	15.25	2.13	0.00	0.02	2.	1.92	0.00	0.000	1.70	0.00	0.02	0.000
584	15.25	15.25	2.25	0.00	0.02	2.	2.02	0.00	0.000	1.80	0.00	0.02	0.000
586	15.25	15.25	2.28	0.00	0.02	2.	2.05	0.00	0.000	1.83	0.00	0.02	0.000
588	15.25	15.25	2.27	0.00	0.02	2.	2.05	0.00	0.000	1.82	0.00	0.02	0.000
590	15.25	15.25	2.24	0.00	0.02	2.	2.01	0.00	0.000	1.79	0.00	0.02	0.000
592	15.25	15.25	2.12	0.00	0.02	2.	1.90	0.00	0.000	1.69	0.00	0.02	0.000
594	15.25	15.25	1.99	0.00	0.02	1.	1.79	0.00	0.000	1.59	0.00	0.02	0.000
596	15.25	15.25	2.62	0.00	0.03	2.	2.36	0.00	0.000	2.10	0.00	0.02	0.000
598	15.25	15.25	3.29	0.00	0.04	2.	2.96	0.00	0.000	2.63	0.00	0.03	0.000
600	15.25	15.25	3.94	0.00	0.04	3.	3.54	0.00	0.000	3.15	0.00	0.03	0.000
602	15.25	15.25	4.53	0.00	0.05	3.	4.08	0.00	0.000	3.62	0.00	0.04	0.000
604	15.25	15.25	5.09	0.00	0.06	4.	4.58	0.00	0.000	4.08	0.00	0.04	0.000
606	15.25	15.25	5.58	0.00	0.06	4.	5.02	0.00	0.000	4.46	0.00	0.05	0.000
608	15.25	15.25	5.95	0.00	0.06	4.	5.35	0.00	0.000	4.76	0.00	0.05	0.000
610	15.25	15.25	6.26	0.00	0.07	5.	5.64	0.00	0.000	5.01	0.00	0.05	0.000
612	15.25	15.25	6.52	0.00	0.07	5.	5.86	0.00	0.000	5.21	0.00	0.06	0.000
614	15.25	15.25	6.68	0.00	0.07	5.	6.01	0.00	0.000	5.34	0.00	0.06	0.000
616	15.25	15.25	6.81	0.00	0.07	5.	6.13	0.00	0.000	5.45	0.00	0.06	0.000
618	15.25	15.25	6.88	0.00	0.07	5.	6.20	0.00	0.000	5.51	0.00	0.06	0.000
620	15.25	15.25	6.87	0.00	0.07	5.	6.18	0.00	0.000	5.50	0.00	0.06	0.000
622	15.25	15.25	6.82	0.00	0.07	5.	6.14	0.00	0.000	5.46	0.00	0.06	0.000
624	15.25	15.25	6.72	0.00	0.07	5.	6.05	0.00	0.000	5.38	0.00	0.06	0.000
626	15.25	15.25	6.54	0.00	0.07	5.	5.88	0.00	0.000	5.23	0.00	0.06	0.000
628	15.25	15.25	6.33	0.00	0.07	5.	5.69	0.00	0.000	5.06	0.00	0.06	0.000
630	15.25	15.25	6.10	0.00	0.07	4.	5.49	0.00	0.000	4.88	0.00	0.05	0.000
632	15.25	15.25	5.83	0.00	0.06	4.	5.24	0.00	0.000	4.66	0.00	0.05	0.000
634	15.25	15.25	3.65	0.00	0.04	3.	3.28	0.00	0.000	2.92	0.00	0.03	0.000
636	15.25	15.25	2.33	0.00	0.03	2.	2.09	0.00	0.000	1.86	0.00	0.02	0.000
638	15.25	15.25	1.59	0.00	0.02	1.	1.43	0.00	0.000	1.27	0.00	0.01	0.000
640	15.25	15.25	1.18	0.00	0.01	1.	1.06	0.00	0.000	0.94	0.00	0.01	0.000
642	15.25	15.25	0.90	0.00	0.01	1.	0.81	0.00	0.000	0.72	0.00	0.01	0.000
644	15.25	15.25	0.67	0.00	0.01	0.	0.60	0.00	0.000	0.53	0.00	0.01	0.000
646	15.25	15.25	0.49	0.00	0.01	0.	0.44	0.00	0.000	0.39	0.00	0.00	0.000
648	15.25	15.25	0.36	0.00	0.00	0.	0.33	0.00	0.000	0.29	0.00	0.00	0.000
650	15.25	15.25	0.25	0.00	0.00	0.	0.23	0.00	0.000	0.20	0.00	0.00	0.000
652	15.25	15.25	0.17	0.00	0.00	0.	0.16	0.00	0.000	0.14	0.00	0.00	0.000
654	15.25	15.25	0.12	0.00	0.00	0.	0.11	0.00	0.000	0.10	0.00	0.00	0.000
656	15.25	15.25	0.08	0.00	0.00	0.	0.07	0.00	0.000	0.07	0.00	0.00	0.000
658	15.25	15.25	0.06	0.00	0.00	0.	0.05	0.00	0.000	0.04	0.00	0.00	0.000
660	15.25	15.25	0.05	0.00	0.00	0.	0.04	0.00	0.000	0.04	0.00	0.00	0.000
662	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
664	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
666	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
668	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
670	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
672	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
674	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
676	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
678	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
680	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
682	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
684	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
686	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



688	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
690	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
692	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
694	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
696	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
698	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
700	15.25	15.25	0.38	0.00	0.00	0.	0.35	0.00	0.000	0.31	0.00	0.00	0.000
702	15.25	15.25	1.89	0.00	0.02	1.	1.70	0.00	0.000	1.51	0.00	0.02	0.000
704	15.25	15.25	2.28	0.00	0.02	2.	2.05	0.00	0.000	1.82	0.00	0.02	0.000
706	15.25	15.25	2.50	0.00	0.03	2.	2.25	0.00	0.000	2.00	0.00	0.02	0.000
708	15.25	15.25	2.77	0.00	0.03	2.	2.50	0.00	0.000	2.22	0.00	0.02	0.000
710	15.25	15.25	3.01	0.00	0.03	2.	2.71	0.00	0.000	2.41	0.00	0.03	0.000
712	15.25	15.25	3.27	0.00	0.04	2.	2.95	0.00	0.000	2.62	0.00	0.03	0.000
714	15.25	15.25	3.97	0.00	0.04	3.	3.57	0.00	0.000	3.17	0.00	0.03	0.000
716	15.25	15.25	4.59	0.00	0.05	3.	4.13	0.00	0.000	3.67	0.00	0.04	0.000
718	15.25	15.25	5.24	0.00	0.06	4.	4.72	0.00	0.000	4.19	0.00	0.05	0.000
720	15.25	15.25	5.91	0.00	0.06	4.	5.32	0.00	0.000	4.73	0.00	0.05	0.000
722	15.25	15.25	6.42	0.00	0.07	5.	5.78	0.00	0.000	5.13	0.00	0.06	0.000
724	15.25	15.25	6.86	0.00	0.07	5.	6.18	0.00	0.000	5.49	0.00	0.06	0.000
726	15.25	15.25	7.27	0.00	0.08	5.	6.54	0.00	0.000	5.82	0.00	0.06	0.000
728	15.25	15.25	7.42	0.00	0.08	5.	6.68	0.00	0.000	5.94	0.00	0.06	0.000
730	15.25	15.25	7.50	0.00	0.08	6.	6.75	0.00	0.001	6.00	0.00	0.07	0.000
732	15.25	15.25	7.60	0.00	0.08	6.	6.84	0.00	0.001	6.08	0.00	0.07	0.000
734	15.25	15.25	7.52	0.00	0.08	6.	6.77	0.00	0.001	6.02	0.00	0.07	0.000
736	15.25	15.25	7.38	0.00	0.08	5.	6.64	0.00	0.000	5.91	0.00	0.06	0.000
738	15.25	15.25	7.27	0.00	0.08	5.	6.54	0.00	0.000	5.82	0.00	0.06	0.000
740	15.25	15.25	7.01	0.00	0.08	5.	6.31	0.00	0.000	5.61	0.00	0.06	0.000
742	15.25	15.25	6.70	0.00	0.07	5.	6.03	0.00	0.000	5.36	0.00	0.06	0.000
744	15.25	15.25	6.43	0.00	0.07	5.	5.79	0.00	0.000	5.14	0.00	0.06	0.000
746	15.25	15.25	6.03	0.00	0.07	4.	5.43	0.00	0.000	4.83	0.00	0.05	0.000
748	15.25	15.25	5.60	0.00	0.06	4.	5.04	0.00	0.000	4.48	0.00	0.05	0.000
750	15.25	15.25	5.26	0.00	0.06	4.	4.74	0.00	0.000	4.21	0.00	0.05	0.000
752	15.25	15.25	4.86	0.00	0.05	4.	4.38	0.00	0.000	3.89	0.00	0.04	0.000
754	15.25	15.25	2.45	0.00	0.03	2.	2.21	0.00	0.000	1.96	0.00	0.02	0.000
756	15.25	15.25	1.23	0.00	0.01	1.	1.10	0.00	0.000	0.98	0.00	0.01	0.000
758	15.25	15.25	0.54	0.00	0.01	0.	0.49	0.00	0.000	0.43	0.00	0.00	0.000
760	15.25	15.25	0.10	0.00	0.00	0.	0.09	0.00	0.000	0.08	0.00	0.00	0.000
762	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
764	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
766	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
768	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
770	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
772	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
774	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
776	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
778	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
780	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
782	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
784	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
786	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
788	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
790	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
792	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
794	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
796	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
798	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
800	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
802	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
804	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
806	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
808	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
810	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
812	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
814	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
816	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
818	15.25	15.25	0.25	0.00	0.00	0.	0.23	0.00	0.000	0.20	0.00	0.00	0.000
820	15.25	15.25	1.30	0.00	0.01	1.	1.17	0.00	0.000	1.04	0.00	0.01	0.000
822	15.25	15.25	3.60	0.00	0.04	3.	3.24	0.00	0.000	2.88	0.00	0.03	0.000
824	15.25	15.25	3.24	0.00	0.04	2.	2.91	0.00	0.000	2.59	0.00	0.03	0.000
826	15.25	15.25	2.84	0.00	0.03	2.	2.56	0.00	0.000	2.27	0.00	0.02	0.000
828	15.25	15.25	2.31	0.00	0.03	2.	2.08	0.00	0.000	1.84	0.00	0.02	0.000
830	15.25	15.25	1.50	0.00	0.02	1.	1.35	0.00	0.000	1.20	0.00	0.01	0.000
832	15.25	15.25	0.62	0.00	0.01	0.	0.56	0.00	0.000	0.50	0.00	0.01	0.000
834	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
836	15.25	15.25	0.22	0.00	0.00	0.	0.20	0.00	0.000	0.18	0.00	0.00	0.000
838	15.25	15.25	1.17	0.00	0.01	1.	1.05	0.00	0.000	0.93	0.00	0.01	0.000
840	15.25	15.25	2.18	0.00	0.02	2.	1.96	0.00	0.000	1.75	0.00	0.02	0.000
842	15.25	15.25	3.23	0.00	0.04	2.	2.91	0.00	0.000	2.58	0.00	0.03	0.000
844	15.25	15.25	4.19	0.00	0.05	3.	3.77	0.00	0.000	3.35	0.00	0.04	0.000
846	15.25	15.25	5.22	0.00	0.06	4.	4.69	0.00	0.000	4.17	0.00	0.05	0.000
848	15.25	15.25	6.32	0.00	0.07	5.	5.69	0.00	0.000	5.06	0.00	0.06	0.000
850	15.25	15.25	7.36	0.00	0.08	5.	6.63	0.00	0.000	5.89	0.00	0.06	0.000
852	15.25	15.25	8.41	0.00	0.09	6.	7.57	0.00	0.001	6.73	0.00	0.07	0.000
854	15.25	15.25	9.43	0.00	0.10	7.	8.49	0.00	0.001	7.55	0.00	0.08	0.001
856	15.25	15.25	10.24	0.00	0.11	8.	9.21	0.00	0.001	8.19	0.00	0.09	0.001



858	15.25	15.25	10.93	0.00	0.12	8.	9.84	0.00	0.001	8.74	0.00	0.10	0.001
860	15.25	15.25	11.63	0.00	0.13	9.	10.47	0.00	0.001	9.31	0.00	0.10	0.001
862	15.25	15.25	12.11	0.00	0.13	9.	10.90	0.00	0.001	9.69	0.00	0.11	0.001
864	15.25	15.25	12.46	0.00	0.14	9.	11.22	0.00	0.001	9.97	0.00	0.11	0.001
866	15.25	15.25	12.84	0.00	0.14	9.	11.56	0.00	0.001	10.27	0.00	0.11	0.001
868	15.25	15.25	13.00	0.00	0.14	10.	11.70	0.00	0.001	10.40	0.00	0.11	0.001
870	15.25	15.25	13.01	0.00	0.14	10.	11.71	0.00	0.001	10.41	0.00	0.11	0.001
872	15.25	15.25	13.04	0.00	0.14	10.	11.74	0.00	0.001	10.43	0.00	0.11	0.001
874	15.25	15.25	12.86	0.00	0.14	9.	11.57	0.00	0.001	10.28	0.00	0.11	0.001
876	15.25	15.25	12.49	0.00	0.14	9.	11.25	0.00	0.001	10.00	0.00	0.11	0.001
878	15.25	15.25	12.14	0.00	0.13	9.	10.93	0.00	0.001	9.72	0.00	0.11	0.001
880	15.25	15.25	10.68	0.00	0.12	8.	9.61	0.00	0.001	8.54	0.00	0.09	0.001
882	15.25	15.25	9.45	0.00	0.10	7.	8.50	0.00	0.001	7.56	0.00	0.08	0.001
884	15.25	15.25	8.90	0.00	0.10	7.	8.01	0.00	0.001	7.12	0.00	0.08	0.001
886	15.25	15.25	8.50	0.00	0.09	6.	7.65	0.00	0.001	6.80	0.00	0.07	0.001
888	15.25	15.25	8.39	0.00	0.09	6.	7.55	0.00	0.001	6.71	0.00	0.07	0.000
890	15.25	15.25	8.56	0.00	0.09	6.	7.70	0.00	0.001	6.85	0.00	0.07	0.001
892	15.25	15.25	8.74	0.00	0.10	6.	7.87	0.00	0.001	6.99	0.00	0.08	0.001
894	15.25	15.25	9.09	0.00	0.10	7.	8.18	0.00	0.001	7.27	0.00	0.08	0.001
896	15.25	15.25	9.66	0.00	0.11	7.	8.70	0.00	0.001	7.73	0.00	0.08	0.001
898	15.25	15.25	10.32	0.00	0.11	8.	9.29	0.00	0.001	8.26	0.00	0.09	0.001
900	15.25	15.25	10.40	0.00	0.11	8.	9.36	0.00	0.001	8.32	0.00	0.09	0.001
902	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
904	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
906	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
908	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
910	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
912	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
914	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
916	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
918	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
920	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
922	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
924	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
926	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
928	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
930	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
932	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
934	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
936	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
938	15.25	15.25	0.22	0.00	0.00	0.	0.20	0.00	0.000	0.17	0.00	0.00	0.000
940	15.25	15.25	0.97	0.00	0.01	1.	0.87	0.00	0.000	0.78	0.00	0.01	0.000
942	15.25	15.25	3.20	0.00	0.03	2.	2.88	0.00	0.000	2.56	0.00	0.03	0.000
944	15.25	15.25	2.98	0.00	0.03	2.	2.68	0.00	0.000	2.38	0.00	0.03	0.000
946	15.25	15.25	2.68	0.00	0.03	2.	2.41	0.00	0.000	2.14	0.00	0.02	0.000
948	15.25	15.25	2.23	0.00	0.02	2.	2.01	0.00	0.000	1.78	0.00	0.02	0.000
950	15.25	15.25	1.64	0.00	0.02	1.	1.48	0.00	0.000	1.31	0.00	0.01	0.000
952	15.25	15.25	0.98	0.00	0.01	1.	0.88	0.00	0.000	0.78	0.00	0.01	0.000
954	15.25	15.25	0.63	0.00	0.01	0.	0.57	0.00	0.000	0.50	0.00	0.01	0.000
956	15.25	15.25	1.63	0.00	0.02	1.	1.46	0.00	0.000	1.30	0.00	0.01	0.000
958	15.25	15.25	2.59	0.00	0.03	2.	2.33	0.00	0.000	2.08	0.00	0.02	0.000
960	15.25	15.25	3.56	0.00	0.04	3.	3.20	0.00	0.000	2.84	0.00	0.03	0.000
962	15.25	15.25	4.54	0.00	0.05	3.	4.08	0.00	0.000	3.63	0.00	0.04	0.000
964	15.25	15.25	5.49	0.00	0.06	4.	4.94	0.00	0.000	4.39	0.00	0.05	0.000
966	15.25	15.25	6.44	0.00	0.07	5.	5.79	0.00	0.000	5.15	0.00	0.06	0.000
968	15.25	15.25	7.40	0.00	0.08	5.	6.66	0.00	0.000	5.92	0.00	0.06	0.000
970	15.25	15.25	8.34	0.00	0.09	6.	7.50	0.00	0.001	6.67	0.00	0.07	0.000
972	15.25	15.25	9.22	0.00	0.10	7.	8.29	0.00	0.001	7.37	0.00	0.08	0.001
974	15.25	15.25	10.04	0.00	0.11	7.	9.04	0.00	0.001	8.04	0.00	0.09	0.001
976	15.25	15.25	10.76	0.00	0.12	8.	9.68	0.00	0.001	8.61	0.00	0.09	0.001
978	15.25	15.25	11.34	0.00	0.12	8.	10.20	0.00	0.001	9.07	0.00	0.10	0.001
980	15.25	15.25	11.84	0.00	0.13	9.	10.65	0.00	0.001	9.47	0.00	0.10	0.001
982	15.25	15.25	12.22	0.00	0.13	9.	11.00	0.00	0.001	9.78	0.00	0.11	0.001
984	15.25	15.25	12.46	0.00	0.14	9.	11.21	0.00	0.001	9.97	0.00	0.11	0.001
986	15.25	15.25	12.62	0.00	0.14	9.	11.36	0.00	0.001	10.09	0.00	0.11	0.001
988	15.25	15.25	12.66	0.00	0.14	9.	11.39	0.00	0.001	10.13	0.00	0.11	0.001
990	15.25	15.25	12.55	0.00	0.14	9.	11.30	0.00	0.001	10.04	0.00	0.11	0.001
992	15.25	15.25	12.36	0.00	0.13	9.	11.12	0.00	0.001	9.89	0.00	0.11	0.001
994	15.25	15.25	12.05	0.00	0.13	9.	10.85	0.00	0.001	9.64	0.00	0.10	0.001
996	15.25	15.25	11.61	0.00	0.13	9.	10.45	0.00	0.001	9.29	0.00	0.10	0.001
998	15.25	15.25	11.11	0.00	0.12	8.	10.00	0.00	0.001	8.89	0.00	0.10	0.001
1000	15.25	15.25	9.98	0.00	0.11	7.	8.98	0.00	0.001	7.98	0.00	0.09	0.001
1002	15.25	15.25	8.74	0.00	0.10	6.	7.86	0.00	0.001	6.99	0.00	0.08	0.001
1004	15.25	15.25	8.03	0.00	0.09	6.	7.23	0.00	0.001	6.43	0.00	0.07	0.000
1006	15.25	15.25	7.60	0.00	0.08	6.	6.84	0.00	0.001	6.08	0.00	0.07	0.000
1008	15.25	15.25	7.40	0.00	0.08	5.	6.66	0.00	0.000	5.92	0.00	0.06	0.000
1010	15.25	15.25	7.43	0.00	0.08	5.	6.69	0.00	0.000	5.94	0.00	0.06	0.000
1012	15.25	15.25	7.58	0.00	0.08	6.	6.82	0.00	0.001	6.06	0.00	0.07	0.000
1014	15.25	15.25	7.89	0.00	0.09	6.	7.10	0.00	0.001	6.31	0.00	0.07	0.000
1016	15.25	15.25	8.42	0.00	0.09	6.	7.58	0.00	0.001	6.74	0.00	0.07	0.001
1018	15.25	15.25	8.59	0.00	0.09	6.	7.73	0.00	0.001	6.87	0.00	0.07	0.001
1020	15.25	15.25	8.23	0.00	0.09	6.	7.41	0.00	0.001	6.58	0.00	0.07	0.000
1028	15.25	15.25	2.39	0.00	0.03	2.	2.15	0.00	0.000	1.91	0.00	0.02	0.000
1030	15.25	15.25	2.20	0.00	0.02	2.	1.98	0.00	0.000	1.76	0.00	0.02	0.000
1032	15.25	15.25	2.11	0.00	0.02	2.	1.90	0.00	0.000	1.69	0.00	0.02	0.000



1034	15.25	15.25	2.08	0.00	0.02	2.	1.88	0.00	0.000	1.67	0.00	0.02	0.000
1036	15.25	15.25	2.15	0.00	0.02	2.	1.94	0.00	0.000	1.72	0.00	0.02	0.000
1038	15.25	15.25	2.33	0.00	0.03	2.	2.10	0.00	0.000	1.87	0.00	0.02	0.000
1040	15.25	15.25	2.59	0.00	0.03	2.	2.33	0.00	0.000	2.07	0.00	0.02	0.000
1042	15.25	15.25	2.95	0.00	0.03	2.	2.66	0.00	0.000	2.36	0.00	0.03	0.000
1044	15.25	15.25	3.52	0.00	0.04	3.	3.17	0.00	0.000	2.82	0.00	0.03	0.000
1046	15.25	15.25	3.62	0.00	0.04	3.	3.26	0.00	0.000	2.90	0.00	0.03	0.000
1048	15.25	15.25	3.91	0.00	0.04	3.	3.52	0.00	0.000	3.12	0.00	0.03	0.000
1050	15.25	15.25	4.34	0.00	0.05	3.	3.91	0.00	0.000	3.47	0.00	0.04	0.000
1052	15.25	15.25	4.93	0.00	0.05	4.	4.44	0.00	0.000	3.94	0.00	0.04	0.000
1054	15.25	15.25	5.68	0.00	0.06	4.	5.11	0.00	0.000	4.54	0.00	0.05	0.000
1056	15.25	15.25	6.51	0.00	0.07	5.	5.85	0.00	0.000	5.20	0.00	0.06	0.000
1058	15.25	15.25	7.45	0.00	0.08	5.	6.70	0.00	0.001	5.96	0.00	0.06	0.000
1060	15.25	15.25	8.57	0.00	0.09	6.	7.72	0.00	0.001	6.86	0.00	0.07	0.001
1062	15.25	15.25	10.06	0.00	0.11	7.	9.06	0.00	0.001	8.05	0.00	0.09	0.001
1064	15.25	15.25	10.76	0.00	0.12	8.	9.68	0.00	0.001	8.61	0.00	0.09	0.001
1098	15.25	15.25	15.47	0.00	0.17	11.	13.93	0.00	0.001	12.38	0.00	0.13	0.001
1100	15.25	15.25	14.76	0.00	0.16	11.	13.29	0.00	0.001	11.81	0.00	0.13	0.001
1102	15.25	15.25	13.94	0.00	0.15	10.	12.55	0.00	0.001	11.16	0.00	0.12	0.001
1104	15.25	15.25	12.96	0.00	0.14	10.	11.66	0.00	0.001	10.37	0.00	0.11	0.001
1106	15.25	15.25	12.08	0.00	0.13	9.	10.87	0.00	0.001	9.66	0.00	0.11	0.001
1108	15.25	15.25	11.14	0.00	0.12	8.	10.03	0.00	0.001	8.91	0.00	0.10	0.001
1110	15.25	15.25	10.09	0.00	0.11	7.	9.08	0.00	0.001	8.07	0.00	0.09	0.001
1112	15.25	15.25	9.20	0.00	0.10	7.	8.28	0.00	0.001	7.36	0.00	0.08	0.001
1114	15.25	15.25	7.04	0.00	0.08	5.	6.33	0.00	0.000	5.63	0.00	0.06	0.000
1116	15.25	15.25	4.76	0.00	0.05	4.	4.28	0.00	0.000	3.81	0.00	0.04	0.000
1118	15.25	15.25	3.55	0.00	0.04	3.	3.20	0.00	0.000	2.84	0.00	0.03	0.000
1120	15.25	15.25	2.62	0.00	0.03	2.	2.36	0.00	0.000	2.09	0.00	0.02	0.000
1122	15.25	15.25	1.96	0.00	0.02	1.	1.77	0.00	0.000	1.57	0.00	0.02	0.000
1124	15.25	15.25	1.48	0.00	0.02	1.	1.33	0.00	0.000	1.18	0.00	0.01	0.000
1126	15.25	15.25	1.04	0.00	0.01	1.	0.94	0.00	0.000	0.83	0.00	0.01	0.000
1128	15.25	15.25	0.69	0.00	0.01	1.	0.62	0.00	0.000	0.55	0.00	0.01	0.000
1130	15.25	15.25	0.44	0.00	0.00	0.	0.40	0.00	0.000	0.35	0.00	0.00	0.000
1132	15.25	15.25	0.22	0.00	0.00	0.	0.19	0.00	0.000	0.17	0.00	0.00	0.000
1134	15.25	15.25	0.04	0.00	0.00	0.	0.03	0.00	0.000	0.03	0.00	0.00	0.000
1136	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1138	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1140	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1142	15.25	15.25	12.66	0.00	0.14	9.	11.39	0.00	0.001	10.13	0.00	0.11	0.001
1144	15.25	15.25	12.01	0.00	0.13	9.	10.81	0.00	0.001	9.61	0.00	0.10	0.001
1148	15.25	15.25	10.89	0.00	0.12	8.	9.80	0.00	0.001	8.71	0.00	0.09	0.001
1150	15.25	15.25	10.57	0.00	0.12	8.	9.51	0.00	0.001	8.45	0.00	0.09	0.001
1152	15.25	15.25	10.39	0.00	0.11	8.	9.35	0.00	0.001	8.31	0.00	0.09	0.001
1154	15.25	15.25	10.36	0.00	0.11	8.	9.32	0.00	0.001	8.28	0.00	0.09	0.001
1156	15.25	15.25	10.48	0.00	0.11	8.	9.43	0.00	0.001	8.38	0.00	0.09	0.001
1158	15.25	15.25	10.77	0.00	0.12	8.	9.69	0.00	0.001	8.61	0.00	0.09	0.001
1160	15.25	15.25	11.25	0.00	0.12	8.	10.12	0.00	0.001	9.00	0.00	0.10	0.001
1162	15.25	15.25	11.95	0.00	0.13	9.	10.76	0.00	0.001	9.56	0.00	0.10	0.001
1164	15.25	15.25	12.86	0.00	0.14	9.	11.57	0.00	0.001	10.29	0.00	0.11	0.001
1166	15.25	15.25	13.34	0.00	0.15	10.	12.01	0.00	0.001	10.67	0.00	0.12	0.001
1168	15.25	15.25	14.22	0.00	0.15	10.	12.80	0.00	0.001	11.37	0.00	0.12	0.001
1170	15.25	15.25	15.49	0.00	0.17	11.	13.94	0.00	0.001	12.39	0.00	0.13	0.001
1172	15.25	15.25	17.15	0.00	0.19	13.	15.44	0.00	0.001	13.72	0.00	0.15	0.001
1174	15.25	15.25	19.12	0.00	0.21	14.	17.21	0.00	0.001	15.30	0.00	0.17	0.001
1176	15.25	15.25	21.33	0.00	0.23	16.	19.19	0.00	0.001	17.06	0.00	0.19	0.001
1178	15.25	15.25	23.73	0.00	0.26	17.	21.35	0.00	0.002	18.98	0.00	0.21	0.001
1180	15.25	15.25	26.40	0.00	0.29	19.	23.76	0.00	0.002	21.12	0.00	0.23	0.002
1182	15.25	15.25	29.81	0.00	0.32	22.	26.83	0.00	0.002	23.85	0.00	0.26	0.002
1184	15.25	15.25	31.96	0.00	0.35	23.	28.77	0.00	0.002	25.57	0.00	0.28	0.002
1186	15.25	15.25	34.07	0.00	0.37	25.	30.67	0.00	0.002	27.26	0.00	0.30	0.002
1188	15.25	15.25	35.90	0.00	0.39	26.	32.31	0.00	0.002	28.72	0.00	0.31	0.002
1190	15.25	15.25	37.40	0.00	0.41	27.	33.66	0.00	0.002	29.92	0.00	0.33	0.002
1192	15.25	15.25	38.64	0.00	0.42	28.	34.77	0.00	0.003	30.91	0.00	0.34	0.002
1194	15.25	15.25	40.29	0.00	0.44	30.	36.26	0.00	0.003	32.23	0.00	0.35	0.002
1196	15.25	15.25	41.70	0.00	0.45	31.	37.53	0.00	0.003	33.36	0.00	0.36	0.002
1198	15.25	15.25	42.83	0.00	0.47	31.	38.55	0.00	0.003	34.26	0.00	0.37	0.003
1200	15.25	15.25	43.71	0.00	0.48	32.	39.34	0.00	0.003	34.97	0.00	0.38	0.003
1202	15.25	15.25	44.35	0.00	0.48	33.	39.91	0.00	0.003	35.48	0.00	0.39	0.003
1204	15.25	15.25	44.68	0.00	0.49	33.	40.22	0.00	0.003	35.75	0.00	0.39	0.003
1206	15.25	15.25	44.69	0.00	0.49	33.	40.22	0.00	0.003	35.75	0.00	0.39	0.003
1208	15.25	15.25	44.34	0.00	0.48	33.	39.91	0.00	0.003	35.48	0.00	0.39	0.003
1210	15.25	15.25	43.58	0.00	0.47	32.	39.23	0.00	0.003	34.87	0.00	0.38	0.003
1212	15.25	15.25	42.44	0.00	0.46	31.	38.20	0.00	0.003	33.95	0.00	0.37	0.003
1214	15.25	15.25	40.98	0.00	0.45	30.	36.89	0.00	0.003	32.79	0.00	0.36	0.002
1216	15.25	15.25	39.18	0.00	0.43	29.	35.26	0.00	0.003	31.34	0.00	0.34	0.002
1218	15.25	15.25	37.04	0.00	0.40	27.	33.33	0.00	0.002	29.63	0.00	0.32	0.002
1220	15.25	15.25	34.79	0.00	0.38	26.	31.31	0.00	0.002	27.83	0.00	0.30	0.002
1222	15.25	15.25	32.38	0.00	0.35	24.	29.15	0.00	0.002	25.91	0.00	0.28	0.002
1224	15.25	15.25	29.85	0.00	0.33	22.	26.87	0.00	0.002	23.88	0.00	0.26	0.002
1226	15.25	15.25	27.25	0.00	0.30	20.	24.52	0.00	0.002	21.80	0.00	0.24	0.002
1228	15.25	15.25	24.61	0.00	0.27	18.	22.15	0.00	0.002	19.69	0.00	0.21	0.001
1230	15.25	15.25	21.98	0.00	0.24	16.	19.78	0.00	0.001	17.58	0.00	0.19	0.001
1232	15.25	15.25	19.42	0.00	0.21	14.	17.48	0.00	0.001	15.54	0.00	0.17	0.001
1234	15.25	15.25	16.92	0.00	0.18	12.	15.22	0.00	0.001	13.53	0.00	0.15	0.001
1236	15.25	15.25	12.56	0.00	0.14	9.	11.30	0.00	0.001	10.05	0.00	0.11	0.001



1238	15.25	15.25	9.78	0.00	0.11	7.	8.81	0.00	0.001	7.83	0.00	0.09	0.001
1240	15.25	15.25	8.07	0.00	0.09	6.	7.26	0.00	0.001	6.46	0.00	0.07	0.000
1242	15.25	15.25	6.73	0.00	0.07	5.	6.05	0.00	0.000	5.38	0.00	0.06	0.000
1244	15.25	15.25	5.66	0.00	0.06	4.	5.10	0.00	0.000	4.53	0.00	0.05	0.000
1246	15.25	15.25	4.79	0.00	0.05	4.	4.32	0.00	0.000	3.84	0.00	0.04	0.000
1248	15.25	15.25	4.07	0.00	0.04	3.	3.67	0.00	0.000	3.26	0.00	0.04	0.000
1250	15.25	15.25	3.48	0.00	0.04	3.	3.13	0.00	0.000	2.79	0.00	0.03	0.000
1252	15.25	15.25	2.99	0.00	0.03	2.	2.69	0.00	0.000	2.39	0.00	0.03	0.000
1254	15.25	15.25	2.57	0.00	0.03	2.	2.31	0.00	0.000	2.06	0.00	0.02	0.000
1256	15.25	15.25	2.23	0.00	0.02	2.	2.01	0.00	0.000	1.78	0.00	0.02	0.000
1258	15.25	15.25	1.94	0.00	0.02	1.	1.75	0.00	0.000	1.55	0.00	0.02	0.000
1260	15.25	15.25	1.71	0.00	0.02	1.	1.54	0.00	0.000	1.37	0.00	0.01	0.000
1262	15.25	15.25	15.97	0.00	0.17	12.	14.38	0.00	0.001	12.78	0.00	0.14	0.001
1264	15.25	15.25	15.24	0.00	0.17	11.	13.72	0.00	0.001	12.19	0.00	0.13	0.001
1268	15.25	15.25	13.98	0.00	0.15	10.	12.59	0.00	0.001	11.19	0.00	0.12	0.001
1270	15.25	15.25	13.62	0.00	0.15	10.	12.26	0.00	0.001	10.90	0.00	0.12	0.001
1272	15.25	15.25	13.42	0.00	0.15	10.	12.08	0.00	0.001	10.74	0.00	0.12	0.001
1274	15.25	15.25	13.38	0.00	0.15	10.	12.04	0.00	0.001	10.70	0.00	0.12	0.001
1276	15.25	15.25	13.51	0.00	0.15	10.	12.16	0.00	0.001	10.81	0.00	0.12	0.001
1278	15.25	15.25	13.84	0.00	0.15	10.	12.46	0.00	0.001	11.07	0.00	0.12	0.001
1280	15.25	15.25	14.39	0.00	0.16	11.	12.95	0.00	0.001	11.51	0.00	0.13	0.001
1282	15.25	15.25	15.17	0.00	0.17	11.	13.65	0.00	0.001	12.14	0.00	0.13	0.001
1284	15.25	15.25	16.23	0.00	0.18	12.	14.60	0.00	0.001	12.98	0.00	0.14	0.001
1286	15.25	15.25	16.83	0.00	0.18	12.	15.15	0.00	0.001	13.46	0.00	0.15	0.001
1288	15.25	15.25	17.87	0.00	0.19	13.	16.08	0.00	0.001	14.30	0.00	0.16	0.001
1290	15.25	15.25	19.38	0.00	0.21	14.	17.44	0.00	0.001	15.50	0.00	0.17	0.001
1292	15.25	15.25	21.34	0.00	0.23	16.	19.20	0.00	0.001	17.07	0.00	0.19	0.001
1294	15.25	15.25	23.66	0.00	0.26	17.	21.29	0.00	0.002	18.93	0.00	0.21	0.001
1296	15.25	15.25	26.29	0.00	0.29	19.	23.66	0.00	0.002	21.03	0.00	0.23	0.002
1298	15.25	15.25	29.27	0.00	0.32	21.	26.34	0.00	0.002	23.41	0.00	0.25	0.002
1300	15.25	15.25	33.24	0.00	0.36	24.	29.91	0.00	0.002	26.59	0.00	0.29	0.002
1302	15.25	15.25	36.99	0.00	0.40	27.	33.29	0.00	0.002	29.59	0.00	0.32	0.002
1304	15.25	15.25	39.41	0.00	0.43	29.	35.47	0.00	0.003	31.53	0.00	0.34	0.002
1306	15.25	15.25	41.71	0.00	0.45	31.	37.54	0.00	0.003	33.36	0.00	0.36	0.002
1308	15.25	15.25	43.63	0.00	0.48	32.	39.27	0.00	0.003	34.91	0.00	0.38	0.003
1310	15.25	15.25	45.16	0.00	0.49	33.	40.65	0.00	0.003	36.13	0.00	0.39	0.003
1312	15.25	15.25	46.32	0.00	0.50	34.	41.69	0.00	0.003	37.06	0.00	0.40	0.003
1314	15.25	15.25	47.02	0.00	0.51	34.	42.32	0.00	0.003	37.62	0.00	0.41	0.003
1316	15.25	15.25	48.34	0.00	0.53	35.	43.51	0.00	0.003	38.67	0.00	0.42	0.003
1318	15.25	15.25	49.77	0.00	0.54	37.	44.79	0.00	0.003	39.82	0.00	0.43	0.003
1320	15.25	15.25	50.91	0.00	0.55	37.	45.82	0.00	0.003	40.73	0.00	0.44	0.003
1322	15.25	15.25	51.75	0.00	0.56	38.	46.58	0.00	0.003	41.40	0.00	0.45	0.003
1324	15.25	15.25	52.29	0.00	0.57	38.	47.06	0.00	0.003	41.83	0.00	0.46	0.003
1326	15.25	15.25	52.49	0.00	0.57	39.	47.24	0.00	0.004	41.99	0.00	0.46	0.003
1328	15.25	15.25	52.31	0.00	0.57	38.	47.08	0.00	0.003	41.85	0.00	0.46	0.003
1330	15.25	15.25	51.69	0.00	0.56	38.	46.52	0.00	0.003	41.35	0.00	0.45	0.003
1332	15.25	15.25	50.62	0.00	0.55	37.	45.56	0.00	0.003	40.50	0.00	0.44	0.003
1334	15.25	15.25	49.16	0.00	0.54	36.	44.24	0.00	0.003	39.32	0.00	0.43	0.003
1336	15.25	15.25	47.27	0.00	0.51	35.	42.54	0.00	0.003	37.82	0.00	0.41	0.003
1338	15.25	15.25	44.98	0.00	0.49	33.	40.48	0.00	0.003	35.98	0.00	0.39	0.003
1340	15.25	15.25	42.50	0.00	0.46	31.	38.25	0.00	0.003	34.00	0.00	0.37	0.003
1342	15.25	15.25	39.82	0.00	0.43	29.	35.84	0.00	0.003	31.86	0.00	0.35	0.002
1344	15.25	15.25	36.98	0.00	0.40	27.	33.28	0.00	0.002	29.59	0.00	0.32	0.002
1346	15.25	15.25	34.02	0.00	0.37	25.	30.61	0.00	0.002	27.21	0.00	0.30	0.002
1348	15.25	15.25	30.99	0.00	0.34	23.	27.89	0.00	0.002	24.79	0.00	0.27	0.002
1350	15.25	15.25	27.94	0.00	0.30	21.	25.14	0.00	0.002	22.35	0.00	0.24	0.002
1352	15.25	15.25	24.91	0.00	0.27	18.	22.42	0.00	0.002	19.93	0.00	0.22	0.001
1354	15.25	15.25	22.02	0.00	0.24	16.	19.81	0.00	0.001	17.61	0.00	0.19	0.001
1356	15.25	15.25	18.76	0.00	0.20	14.	16.88	0.00	0.001	15.01	0.00	0.16	0.001
1358	15.25	15.25	14.55	0.00	0.16	11.	13.10	0.00	0.001	11.64	0.00	0.13	0.001
1360	15.25	15.25	12.10	0.00	0.13	9.	10.89	0.00	0.001	9.68	0.00	0.11	0.001
1362	15.25	15.25	10.29	0.00	0.11	8.	9.26	0.00	0.001	8.24	0.00	0.09	0.001
1364	15.25	15.25	8.90	0.00	0.10	7.	8.01	0.00	0.001	7.12	0.00	0.08	0.001
1366	15.25	15.25	7.79	0.00	0.08	6.	7.01	0.00	0.001	6.23	0.00	0.07	0.000
1368	15.25	15.25	6.90	0.00	0.08	5.	6.21	0.00	0.000	5.52	0.00	0.06	0.000
1370	15.25	15.25	6.17	0.00	0.07	5.	5.56	0.00	0.000	4.94	0.00	0.05	0.000
1372	15.25	15.25	5.58	0.00	0.06	4.	5.02	0.00	0.000	4.47	0.00	0.05	0.000
1374	15.25	15.25	5.10	0.00	0.06	4.	4.59	0.00	0.000	4.08	0.00	0.04	0.000
1376	15.25	15.25	4.71	0.00	0.05	3.	4.24	0.00	0.000	3.77	0.00	0.04	0.000
1378	15.25	15.25	4.39	0.00	0.05	3.	3.96	0.00	0.000	3.52	0.00	0.04	0.000
1380	15.25	15.25	4.15	0.00	0.05	3.	3.74	0.00	0.000	3.32	0.00	0.04	0.000
1382	15.25	15.25	13.33	0.00	0.15	10.	11.99	0.00	0.001	10.66	0.00	0.12	0.001
1384	15.25	15.25	12.71	0.00	0.14	9.	11.44	0.00	0.001	10.17	0.00	0.11	0.001
1388	15.25	15.25	11.63	0.00	0.13	9.	10.47	0.00	0.001	9.31	0.00	0.10	0.001
1390	15.25	15.25	11.32	0.00	0.12	8.	10.19	0.00	0.001	9.05	0.00	0.10	0.001
1392	15.25	15.25	11.13	0.00	0.12	8.	10.02	0.00	0.001	8.90	0.00	0.10	0.001
1394	15.25	15.25	11.07	0.00	0.12	8.	9.97	0.00	0.001	8.86	0.00	0.10	0.001
1396	15.25	15.25	11.16	0.00	0.12	8.	10.05	0.00	0.001	8.93	0.00	0.10	0.001
1398	15.25	15.25	11.41	0.00	0.12	8.	10.27	0.00	0.001	9.13	0.00	0.10	0.001
1400	15.25	15.25	11.85	0.00	0.13	9.	10.67	0.00	0.001	9.48	0.00	0.10	0.001
1402	15.25	15.25	12.50	0.00	0.14	9.	11.25	0.00	0.001	10.00	0.00	0.11	0.001
1404	15.25	15.25	13.38	0.00	0.15	10.	12.04	0.00	0.001	10.70	0.00	0.12	0.001
1406	15.25	15.25	13.86	0.00	0.15	10.	12.48	0.00	0.001	11.09	0.00	0.12	0.001
1408	15.25	15.25	14.73	0.00	0.16	11.	13.26	0.00	0.001	11.79	0.00	0.13	0.001
1410	15.25	15.25	16.01	0.00	0.17	12.	14.41	0.00	0.001	12.81	0.00	0.14	0.001



1412	15.25	15.25	17.70	0.00	0.19	13.	15.93	0.00	0.001	14.16	0.00	0.15	0.001
1414	15.25	15.25	19.73	0.00	0.21	14.	17.75	0.00	0.001	15.78	0.00	0.17	0.001
1416	15.25	15.25	22.08	0.00	0.24	16.	19.87	0.00	0.001	17.66	0.00	0.19	0.001
1418	15.25	15.25	24.92	0.00	0.27	18.	22.43	0.00	0.002	19.94	0.00	0.22	0.001
1420	15.25	15.25	29.34	0.00	0.32	22.	26.40	0.00	0.002	23.47	0.00	0.26	0.002
1422	15.25	15.25	32.21	0.00	0.35	24.	28.99	0.00	0.002	25.77	0.00	0.28	0.002
1424	15.25	15.25	34.05	0.00	0.37	25.	30.65	0.00	0.002	27.24	0.00	0.30	0.002
1426	15.25	15.25	35.70	0.00	0.39	26.	32.13	0.00	0.002	28.56	0.00	0.31	0.002
1428	15.25	15.25	36.98	0.00	0.40	27.	33.28	0.00	0.002	29.58	0.00	0.32	0.002
1430	15.25	15.25	37.89	0.00	0.41	28.	34.10	0.00	0.003	30.32	0.00	0.33	0.002
1432	15.25	15.25	38.39	0.00	0.42	28.	34.55	0.00	0.003	30.72	0.00	0.33	0.002
1434	15.25	15.25	38.55	0.00	0.42	28.	34.69	0.00	0.003	30.84	0.00	0.34	0.002
1436	15.25	15.25	38.75	0.00	0.42	28.	34.88	0.00	0.003	31.00	0.00	0.34	0.002
1438	15.25	15.25	40.27	0.00	0.44	30.	36.24	0.00	0.003	32.22	0.00	0.35	0.002
1440	15.25	15.25	41.54	0.00	0.45	30.	37.39	0.00	0.003	33.24	0.00	0.36	0.002
1442	15.25	15.25	42.58	0.00	0.46	31.	38.32	0.00	0.003	34.06	0.00	0.37	0.003
1444	15.25	15.25	43.40	0.00	0.47	32.	39.06	0.00	0.003	34.72	0.00	0.38	0.003
1446	15.25	15.25	43.96	0.00	0.48	32.	39.57	0.00	0.003	35.17	0.00	0.38	0.003
1448	15.25	15.25	44.22	0.00	0.48	32.	39.80	0.00	0.003	35.38	0.00	0.39	0.003
1450	15.25	15.25	44.17	0.00	0.48	32.	39.75	0.00	0.003	35.34	0.00	0.38	0.003
1452	15.25	15.25	43.78	0.00	0.48	32.	39.40	0.00	0.003	35.03	0.00	0.38	0.003
1454	15.25	15.25	42.99	0.00	0.47	32.	38.69	0.00	0.003	34.39	0.00	0.37	0.003
1456	15.25	15.25	41.82	0.00	0.46	31.	37.64	0.00	0.003	33.46	0.00	0.36	0.002
1458	15.25	15.25	40.29	0.00	0.44	30.	36.26	0.00	0.003	32.23	0.00	0.35	0.002
1460	15.25	15.25	38.53	0.00	0.42	28.	34.68	0.00	0.003	30.82	0.00	0.34	0.002
1462	15.25	15.25	36.57	0.00	0.40	27.	32.92	0.00	0.002	29.26	0.00	0.32	0.002
1464	15.25	15.25	34.45	0.00	0.38	25.	31.01	0.00	0.002	27.56	0.00	0.30	0.002
1466	15.25	15.25	32.16	0.00	0.35	24.	28.94	0.00	0.002	25.73	0.00	0.28	0.002
1468	15.25	15.25	29.78	0.00	0.32	22.	26.80	0.00	0.002	23.82	0.00	0.26	0.002
1470	15.25	15.25	27.33	0.00	0.30	20.	24.60	0.00	0.002	21.86	0.00	0.24	0.002
1472	15.25	15.25	24.82	0.00	0.27	18.	22.34	0.00	0.002	19.86	0.00	0.22	0.001
1474	15.25	15.25	22.35	0.00	0.24	16.	20.12	0.00	0.001	17.88	0.00	0.19	0.001
1476	15.25	15.25	19.99	0.00	0.22	15.	17.99	0.00	0.001	15.99	0.00	0.17	0.001
1478	15.25	15.25	17.15	0.00	0.19	13.	15.44	0.00	0.001	13.72	0.00	0.15	0.001
1480	15.25	15.25	14.19	0.00	0.15	10.	12.77	0.00	0.001	11.35	0.00	0.12	0.001
1482	15.25	15.25	12.21	0.00	0.13	9.	10.99	0.00	0.001	9.77	0.00	0.11	0.001
1484	15.25	15.25	10.76	0.00	0.12	8.	9.68	0.00	0.001	8.60	0.00	0.09	0.001
1486	15.25	15.25	9.67	0.00	0.11	7.	8.70	0.00	0.001	7.74	0.00	0.08	0.001
1488	15.25	15.25	8.87	0.00	0.10	7.	7.98	0.00	0.001	7.09	0.00	0.08	0.001
1490	15.25	15.25	8.25	0.00	0.09	6.	7.43	0.00	0.001	6.60	0.00	0.07	0.000
1492	15.25	15.25	7.79	0.00	0.08	6.	7.01	0.00	0.001	6.23	0.00	0.07	0.000
1494	15.25	15.25	7.46	0.00	0.08	5.	6.71	0.00	0.000	5.97	0.00	0.06	0.000
1496	15.25	15.25	7.23	0.00	0.08	5.	6.51	0.00	0.000	5.79	0.00	0.06	0.000
1498	15.25	15.25	7.09	0.00	0.08	5.	6.38	0.00	0.000	5.67	0.00	0.06	0.000
1500	15.25	15.25	7.05	0.00	0.08	5.	6.35	0.00	0.000	5.64	0.00	0.06	0.000
1508	15.25	15.25	4.01	0.00	0.04	3.	3.61	0.00	0.000	3.21	0.00	0.03	0.000
1510	15.25	15.25	3.85	0.00	0.04	3.	3.46	0.00	0.000	3.08	0.00	0.03	0.000
1512	15.25	15.25	3.75	0.00	0.04	3.	3.37	0.00	0.000	3.00	0.00	0.03	0.000
1514	15.25	15.25	3.68	0.00	0.04	3.	3.32	0.00	0.000	2.95	0.00	0.03	0.000
1516	15.25	15.25	3.68	0.00	0.04	3.	3.32	0.00	0.000	2.95	0.00	0.03	0.000
1518	15.25	15.25	3.78	0.00	0.04	3.	3.40	0.00	0.000	3.02	0.00	0.03	0.000
1520	15.25	15.25	3.93	0.00	0.04	3.	3.54	0.00	0.000	3.14	0.00	0.03	0.000
1522	15.25	15.25	4.17	0.00	0.05	3.	3.76	0.00	0.000	3.34	0.00	0.04	0.000
1524	15.25	15.25	4.63	0.00	0.05	3.	4.16	0.00	0.000	3.70	0.00	0.04	0.000
1526	15.25	15.25	4.73	0.00	0.05	3.	4.25	0.00	0.000	3.78	0.00	0.04	0.000
1528	15.25	15.25	4.96	0.00	0.05	4.	4.47	0.00	0.000	3.97	0.00	0.04	0.000
1530	15.25	15.25	5.36	0.00	0.06	4.	4.82	0.00	0.000	4.28	0.00	0.05	0.000
1532	15.25	15.25	5.95	0.00	0.06	4.	5.35	0.00	0.000	4.76	0.00	0.05	0.000
1534	15.25	15.25	6.67	0.00	0.07	5.	6.00	0.00	0.000	5.34	0.00	0.06	0.000
1536	15.25	15.25	7.60	0.00	0.08	6.	6.84	0.00	0.001	6.08	0.00	0.07	0.000
1538	15.25	15.25	9.16	0.00	0.10	7.	8.25	0.00	0.001	7.33	0.00	0.08	0.001
1540	15.25	15.25	12.73	0.00	0.14	9.	11.46	0.00	0.001	10.18	0.00	0.11	0.001
1542	15.25	15.25	13.02	0.00	0.14	10.	11.72	0.00	0.001	10.42	0.00	0.11	0.001
1544	15.25	15.25	13.32	0.00	0.15	10.	11.99	0.00	0.001	10.65	0.00	0.12	0.001
1578	15.25	15.25	20.16	0.00	0.22	15.	18.14	0.00	0.001	16.12	0.00	0.18	0.001
1580	15.25	15.25	20.13	0.00	0.22	15.	18.12	0.00	0.001	16.10	0.00	0.18	0.001
1582	15.25	15.25	20.10	0.00	0.22	15.	18.09	0.00	0.001	16.08	0.00	0.18	0.001
1584	15.25	15.25	19.99	0.00	0.22	15.	17.99	0.00	0.001	15.99	0.00	0.17	0.001
1586	15.25	15.25	19.57	0.00	0.21	14.	17.61	0.00	0.001	15.66	0.00	0.17	0.001
1588	15.25	15.25	19.15	0.00	0.21	14.	17.24	0.00	0.001	15.32	0.00	0.17	0.001
1590	15.25	15.25	18.66	0.00	0.20	14.	16.80	0.00	0.001	14.93	0.00	0.16	0.001
1592	15.25	15.25	17.89	0.00	0.19	13.	16.10	0.00	0.001	14.31	0.00	0.16	0.001
1594	15.25	15.25	17.08	0.00	0.19	13.	15.37	0.00	0.001	13.66	0.00	0.15	0.001
1596	15.25	15.25	16.19	0.00	0.18	12.	14.57	0.00	0.001	12.95	0.00	0.14	0.001
1598	15.25	15.25	15.12	0.00	0.16	11.	13.60	0.00	0.001	12.09	0.00	0.13	0.001
1600	15.25	15.25	13.19	0.00	0.14	10.	11.87	0.00	0.001	10.55	0.00	0.11	0.001
1602	15.25	15.25	11.67	0.00	0.13	9.	10.50	0.00	0.001	9.34	0.00	0.10	0.001
1604	15.25	15.25	10.62	0.00	0.12	8.	9.56	0.00	0.001	8.50	0.00	0.09	0.001
1606	15.25	15.25	9.91	0.00	0.11	7.	8.92	0.00	0.001	7.93	0.00	0.09	0.001
1608	15.25	15.25	9.59	0.00	0.10	7.	8.63	0.00	0.001	7.67	0.00	0.08	0.001
1610	15.25	15.25	9.38	0.00	0.10	7.	8.45	0.00	0.001	7.51	0.00	0.08	0.001
1612	15.25	15.25	9.30	0.00	0.10	7.	8.37	0.00	0.001	7.44	0.00	0.08	0.001
1614	15.25	15.25	9.43	0.00	0.10	7.	8.49	0.00	0.001	7.55	0.00	0.08	0.001
1616	15.25	15.25	9.63	0.00	0.10	7.	8.67	0.00	0.001	7.71	0.00	0.08	0.001
1618	15.25	15.25	9.93	0.00	0.11	7.	8.94	0.00	0.001	7.95	0.00	0.09	0.001



1620	15.25	15.25	10.43	0.00	0.11	8.	9.39	0.00	0.001	8.35	0.00	0.09	0.001
1985	15.25	15.25	8.69	0.00	0.09	6.	7.82	0.00	0.001	6.95	0.00	0.08	0.001
1986	15.25	15.25	11.52	0.00	0.13	8.	10.36	0.00	0.001	9.21	0.00	0.10	0.001
1987	15.25	15.25	22.98	0.00	0.25	17.	20.69	0.00	0.002	18.39	0.00	0.20	0.001
1988	15.25	15.25	24.67	0.00	0.27	18.	22.20	0.00	0.002	19.74	0.00	0.21	0.001
1989	15.25	15.25	13.36	0.00	0.15	10.	12.03	0.00	0.001	10.69	0.00	0.12	0.001
1990	15.25	15.25	8.92	0.00	0.10	7.	8.03	0.00	0.001	7.14	0.00	0.08	0.001
1991	15.25	15.25	11.28	0.00	0.12	8.	10.15	0.00	0.001	9.03	0.00	0.10	0.001
1992	15.25	15.25	11.81	0.00	0.13	9.	10.63	0.00	0.001	9.45	0.00	0.10	0.001
1993	15.25	15.25	12.53	0.00	0.14	9.	11.27	0.00	0.001	10.02	0.00	0.11	0.001
1994	15.25	15.25	13.33	0.00	0.15	10.	12.00	0.00	0.001	10.67	0.00	0.12	0.001
1995	15.25	15.25	14.12	0.00	0.15	10.	12.71	0.00	0.001	11.30	0.00	0.12	0.001
1996	15.25	15.25	14.85	0.00	0.16	11.	13.37	0.00	0.001	11.88	0.00	0.13	0.001
1997	15.25	15.25	15.44	0.00	0.17	11.	13.90	0.00	0.001	12.35	0.00	0.13	0.001
1998	15.25	15.25	16.04	0.00	0.17	12.	14.44	0.00	0.001	12.83	0.00	0.14	0.001
1999	15.25	15.25	16.58	0.00	0.18	12.	14.92	0.00	0.001	13.26	0.00	0.14	0.001
2000	15.25	15.25	16.88	0.00	0.18	12.	15.19	0.00	0.001	13.51	0.00	0.15	0.001
2001	15.25	15.25	17.09	0.00	0.19	13.	15.38	0.00	0.001	13.67	0.00	0.15	0.001
2002	15.25	15.25	17.18	0.00	0.19	13.	15.46	0.00	0.001	13.74	0.00	0.15	0.001
2003	15.25	15.25	16.95	0.00	0.18	12.	15.26	0.00	0.001	13.56	0.00	0.15	0.001
2004	15.25	15.25	16.61	0.00	0.18	12.	14.95	0.00	0.001	13.29	0.00	0.14	0.001
2005	15.25	15.25	10.78	0.00	0.12	8.	9.70	0.00	0.001	8.62	0.00	0.09	0.001
2006	15.25	15.25	9.99	0.00	0.11	7.	8.99	0.00	0.001	7.99	0.00	0.09	0.001
2007	15.25	15.25	9.16	0.00	0.10	7.	8.25	0.00	0.001	7.33	0.00	0.08	0.001
2008	15.25	15.25	8.86	0.00	0.10	6.	7.97	0.00	0.001	7.08	0.00	0.08	0.001
2009	15.25	15.25	9.95	0.00	0.11	7.	8.96	0.00	0.001	7.96	0.00	0.09	0.001
2010	15.25	15.25	11.07	0.00	0.12	8.	9.96	0.00	0.001	8.85	0.00	0.10	0.001
2011	15.25	15.25	12.06	0.00	0.13	9.	10.86	0.00	0.001	9.65	0.00	0.11	0.001
2012	15.25	15.25	13.06	0.00	0.14	10.	11.76	0.00	0.001	10.45	0.00	0.11	0.001
2013	15.25	15.25	14.13	0.00	0.15	10.	12.71	0.00	0.001	11.30	0.00	0.12	0.001
2014	15.25	15.25	15.08	0.00	0.16	11.	13.57	0.00	0.001	12.07	0.00	0.13	0.001
2015	15.25	15.25	15.96	0.00	0.17	12.	14.36	0.00	0.001	12.77	0.00	0.14	0.001
2016	15.25	15.25	16.85	0.00	0.18	12.	15.16	0.00	0.001	13.48	0.00	0.15	0.001
2017	15.25	15.25	25.09	0.00	0.27	18.	22.58	0.00	0.002	20.07	0.00	0.22	0.001
2018	15.25	15.25	24.97	0.00	0.27	18.	22.47	0.00	0.002	19.98	0.00	0.22	0.001
2019	15.25	15.25	24.21	0.00	0.26	18.	21.79	0.00	0.002	19.37	0.00	0.21	0.001
2020	15.25	15.25	23.78	0.00	0.26	17.	21.40	0.00	0.002	19.02	0.00	0.21	0.001
2021	15.25	15.25	25.08	0.00	0.27	18.	22.57	0.00	0.002	20.06	0.00	0.22	0.001
2022	15.25	15.25	26.23	0.00	0.29	19.	23.61	0.00	0.002	20.99	0.00	0.23	0.002
2023	15.25	15.25	27.25	0.00	0.30	20.	24.53	0.00	0.002	21.80	0.00	0.24	0.002
2024	15.25	15.25	28.27	0.00	0.31	21.	25.44	0.00	0.002	22.62	0.00	0.25	0.002
2025	15.25	15.25	29.18	0.00	0.32	21.	26.27	0.00	0.002	23.35	0.00	0.25	0.002
2026	15.25	15.25	29.95	0.00	0.33	22.	26.95	0.00	0.002	23.96	0.00	0.26	0.002
2027	15.25	15.25	30.76	0.00	0.33	23.	27.68	0.00	0.002	24.60	0.00	0.27	0.002
2028	15.25	15.25	30.97	0.00	0.34	23.	27.87	0.00	0.002	24.77	0.00	0.27	0.002
2029	15.25	15.25	25.83	0.00	0.28	19.	23.24	0.00	0.002	20.66	0.00	0.22	0.002
2030	15.25	15.25	27.26	0.00	0.30	20.	24.54	0.00	0.002	21.81	0.00	0.24	0.002
2031	15.25	15.25	28.10	0.00	0.31	21.	25.29	0.00	0.002	22.48	0.00	0.24	0.002
2032	15.25	15.25	29.00	0.00	0.32	21.	26.10	0.00	0.002	23.20	0.00	0.25	0.002
2033	15.25	15.25	29.74	0.00	0.32	22.	26.77	0.00	0.002	23.80	0.00	0.26	0.002
2034	15.25	15.25	30.34	0.00	0.33	22.	27.31	0.00	0.002	24.27	0.00	0.26	0.002
2035	15.25	15.25	30.88	0.00	0.34	23.	27.79	0.00	0.002	24.70	0.00	0.27	0.002
2036	15.25	15.25	31.19	0.00	0.34	23.	28.07	0.00	0.002	24.95	0.00	0.27	0.002
2037	15.25	15.25	31.25	0.00	0.34	23.	28.13	0.00	0.002	25.00	0.00	0.27	0.002
2038	15.25	15.25	31.16	0.00	0.34	23.	28.04	0.00	0.002	24.92	0.00	0.27	0.002
2039	15.25	15.25	30.74	0.00	0.33	23.	27.67	0.00	0.002	24.59	0.00	0.27	0.002
2040	15.25	15.25	29.75	0.00	0.32	22.	26.77	0.00	0.002	23.80	0.00	0.26	0.002
2041	15.25	15.25	24.84	0.00	0.27	18.	22.36	0.00	0.002	19.87	0.00	0.22	0.001
2042	15.25	15.25	24.20	0.00	0.26	18.	21.78	0.00	0.002	19.36	0.00	0.21	0.001
2043	15.25	15.25	28.64	0.00	0.31	21.	25.78	0.00	0.002	22.91	0.00	0.25	0.002
2044	15.25	15.25	30.84	0.00	0.34	23.	27.75	0.00	0.002	24.67	0.00	0.27	0.002
2046	15.25	15.25	17.48	0.00	0.19	13.	15.74	0.00	0.001	13.99	0.00	0.15	0.001
2047	15.25	15.25	16.19	0.00	0.18	12.	14.57	0.00	0.001	12.95	0.00	0.14	0.001
2048	15.25	15.25	12.94	0.00	0.14	10.	11.65	0.00	0.001	10.35	0.00	0.11	0.001
2049	15.25	15.25	16.20	0.00	0.18	12.	14.58	0.00	0.001	12.96	0.00	0.14	0.001
2050	15.25	15.25	27.32	0.00	0.30	20.	24.59	0.00	0.002	21.85	0.00	0.24	0.002
2051	15.25	15.25	30.62	0.00	0.33	22.	27.55	0.00	0.002	24.49	0.00	0.27	0.002
2052	15.25	15.25	19.98	0.00	0.22	15.	17.99	0.00	0.001	15.99	0.00	0.17	0.001
2053	15.25	15.25	15.15	0.00	0.16	11.	13.63	0.00	0.001	12.12	0.00	0.13	0.001
2054	15.25	15.25	8.69	0.00	0.09	6.	7.82	0.00	0.001	6.95	0.00	0.08	0.001
2055	15.25	15.25	8.35	0.00	0.09	6.	7.52	0.00	0.001	6.68	0.00	0.07	0.000
2056	15.25	15.25	8.11	0.00	0.09	6.	7.30	0.00	0.001	6.49	0.00	0.07	0.000
2057	15.25	15.25	7.54	0.00	0.08	6.	6.78	0.00	0.001	6.03	0.00	0.07	0.000
2058	15.25	15.25	7.14	0.00	0.08	5.	6.42	0.00	0.000	5.71	0.00	0.06	0.000
2059	15.25	15.25	6.85	0.00	0.07	5.	6.16	0.00	0.000	5.48	0.00	0.06	0.000
2060	15.25	15.25	11.59	0.00	0.13	9.	10.43	0.00	0.001	9.28	0.00	0.10	0.001
2061	15.25	15.25	14.78	0.00	0.16	11.	13.30	0.00	0.001	11.82	0.00	0.13	0.001
2062	15.25	15.25	12.32	0.00	0.13	9.	11.09	0.00	0.001	9.85	0.00	0.11	0.001
2063	15.25	15.25	11.26	0.00	0.12	8.	10.13	0.00	0.001	9.01	0.00	0.10	0.001
2064	15.25	15.25	14.41	0.00	0.16	11.	12.97	0.00	0.001	11.52	0.00	0.13	0.001
2065	15.25	15.25	12.00	0.00	0.13	9.	10.80	0.00	0.001	9.60	0.00	0.10	0.001
2066	15.25	15.25	4.32	0.00	0.05	3.	3.89	0.00	0.000	3.46	0.00	0.04	0.000
2067	15.25	15.25	4.13	0.00	0.04	3.	3.71	0.00	0.000	3.30	0.00	0.04	0.000
2068	15.25	15.25	2.85	0.00	0.03	2.	2.56	0.00	0.000	2.28	0.00	0.02	0.000
2069	15.25	15.25	2.53	0.00	0.03	2.	2.28	0.00	0.000	2.02	0.00	0.02	0.000



Table with 13 columns showing numerical data for various rows (2070-2077).

ARMATURA SUPERIORE ORIZZONTALE

Main table with columns: GUSCI, Af, Afc, COMBINAZIONE RARA (Mom, Nor, sigmaC, sigmaf), COMB. FREQUENTE (Mom, Nor, wkF), COMB. QUASI PERMANENTE (Mom, Nor, sigmaC, wkP). Rows range from 542 to 682.



684	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
686	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010
688	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
690	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
692	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
694	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
696	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
698	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
700	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
702	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
704	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
706	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
708	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
710	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
712	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
714	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
716	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
718	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
720	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
722	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
724	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
726	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
728	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
730	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
732	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
734	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
736	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
738	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
740	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
742	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
744	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
746	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
748	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
750	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
752	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005
754	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
756	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
758	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
760	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
762	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
764	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
766	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
768	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
770	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
772	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
774	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001
776	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
778	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
780	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
782	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
784	10.89	10.89	9.58	0.00	0.12	10.	8.62	0.00	0.001	7.66	0.00	0.10	0.001
786	10.89	10.89	26.07	0.00	0.34	27.	23.47	0.00	0.003	20.86	0.00	0.27	0.003
788	10.89	10.89	41.04	0.00	0.53	42.	36.94	0.00	0.005	32.83	0.00	0.42	0.005
790	10.89	10.89	52.09	0.00	0.67	53.	46.88	0.00	0.007	41.67	0.00	0.54	0.006
792	10.89	10.89	63.09	0.00	0.81	64.	56.78	0.00	0.008	50.47	0.00	0.65	0.007
794	10.89	10.89	71.04	0.00	0.91	73.	63.93	0.00	0.009	56.83	0.00	0.73	0.008
796	10.89	10.89	76.29	0.00	0.98	78.	68.66	0.00	0.010	61.03	0.00	0.78	0.009
798	10.89	10.89	81.59	0.00	1.05	83.	73.43	0.00	0.011	65.27	0.00	0.84	0.010
800	10.89	10.89	84.96	0.00	1.09	87.	76.46	0.00	0.011	67.97	0.00	0.87	0.010
802	10.89	10.89	86.51	0.00	1.11	88.	77.86	0.00	0.012	69.21	0.00	0.89	0.010
804	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
806	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010
808	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
810	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
812	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
814	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
816	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
818	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
820	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
822	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
824	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
826	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
828	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
830	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
832	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
834	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
836	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
838	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
840	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
842	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
844	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
846	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
848	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
850	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
852	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



854	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
856	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
858	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
860	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
862	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
864	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
866	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
868	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
870	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
872	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005
874	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
876	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
878	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
880	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
882	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
884	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
886	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
888	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
890	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
892	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
894	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001
896	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
898	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
900	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
902	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
904	10.89	10.89	9.58	0.00	0.12	10.	8.62	0.00	0.001	7.66	0.00	0.10	0.001
906	10.89	10.89	26.07	0.00	0.34	27.	23.47	0.00	0.003	20.86	0.00	0.27	0.003
908	10.89	10.89	41.04	0.00	0.53	42.	36.94	0.00	0.005	32.83	0.00	0.42	0.005
910	10.89	10.89	52.09	0.00	0.67	53.	46.88	0.00	0.007	41.67	0.00	0.54	0.006
912	10.89	10.89	63.09	0.00	0.81	64.	56.78	0.00	0.008	50.47	0.00	0.65	0.007
914	10.89	10.89	71.04	0.00	0.91	73.	63.93	0.00	0.009	56.83	0.00	0.73	0.008
916	10.89	10.89	76.29	0.00	0.98	78.	68.66	0.00	0.010	61.03	0.00	0.78	0.009
918	10.89	10.89	81.59	0.00	1.05	83.	73.43	0.00	0.011	65.27	0.00	0.84	0.010
920	10.89	10.89	84.96	0.00	1.09	87.	76.46	0.00	0.011	67.97	0.00	0.87	0.010
922	10.89	10.89	86.51	0.00	1.11	88.	77.86	0.00	0.012	69.21	0.00	0.89	0.010
924	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
926	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010
928	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
930	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
932	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
934	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
936	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
938	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
940	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
942	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
944	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
946	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
948	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
950	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
952	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
954	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
956	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
958	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
960	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
962	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
964	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
966	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
968	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
970	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
972	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
974	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
976	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
978	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
980	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
982	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
984	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
986	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
988	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
990	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
992	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005
994	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
996	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
998	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
1000	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
1002	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
1004	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
1006	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
1008	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
1010	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
1012	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
1014	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001
1016	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
1018	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
1020	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
1028	10.89	10.89	41.04	0.00	0.53	42.	36.94	0.00	0.005	32.83	0.00	0.42	0.005



1030	10.89	10.89	52.09	0.00	0.67	53.	46.88	0.00	0.007	41.67	0.00	0.54	0.006
1032	10.89	10.89	63.09	0.00	0.81	64.	56.78	0.00	0.008	50.47	0.00	0.65	0.007
1034	10.89	10.89	71.04	0.00	0.91	73.	63.93	0.00	0.009	56.83	0.00	0.73	0.008
1036	10.89	10.89	76.29	0.00	0.98	78.	68.66	0.00	0.010	61.03	0.00	0.78	0.009
1038	10.89	10.89	81.59	0.00	1.05	83.	73.43	0.00	0.011	65.27	0.00	0.84	0.010
1040	10.89	10.89	84.96	0.00	1.09	87.	76.46	0.00	0.011	67.97	0.00	0.87	0.010
1042	10.89	10.89	86.51	0.00	1.11	88.	77.86	0.00	0.012	69.21	0.00	0.89	0.010
1044	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
1046	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010
1048	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
1050	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
1052	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
1054	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
1056	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
1058	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
1060	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
1062	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
1064	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
1098	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1100	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
1102	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
1104	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
1106	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
1108	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
1110	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
1112	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005
1114	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
1116	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
1118	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
1120	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
1122	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
1124	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
1126	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
1128	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
1130	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
1132	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
1134	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001
1136	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
1138	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
1140	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
1142	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
1144	10.89	10.89	8.48	0.00	0.11	9.	7.63	0.00	0.001	6.79	0.00	0.09	0.001
1148	10.89	10.89	41.04	0.00	0.53	42.	36.94	0.00	0.005	32.83	0.00	0.42	0.005
1150	10.89	10.89	52.09	0.00	0.67	53.	46.88	0.00	0.007	41.67	0.00	0.54	0.006
1152	10.89	10.89	63.09	0.00	0.81	64.	56.78	0.00	0.008	50.47	0.00	0.65	0.007
1154	10.89	10.89	71.04	0.00	0.91	73.	63.93	0.00	0.009	56.83	0.00	0.73	0.008
1156	10.89	10.89	76.29	0.00	0.98	78.	68.66	0.00	0.010	61.03	0.00	0.78	0.009
1158	10.89	10.89	81.59	0.00	1.05	83.	73.43	0.00	0.011	65.27	0.00	0.84	0.010
1160	10.89	10.89	84.96	0.00	1.09	87.	76.46	0.00	0.011	67.97	0.00	0.87	0.010
1162	10.89	10.89	86.51	0.00	1.11	88.	77.86	0.00	0.012	69.21	0.00	0.89	0.010
1164	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
1166	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010
1168	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
1170	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
1172	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
1174	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
1176	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
1178	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
1180	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
1182	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
1184	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
1186	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1188	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1190	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1192	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1194	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1196	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1198	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1200	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1202	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1204	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1206	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1208	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1210	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1212	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1214	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1216	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1218	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1220	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
1222	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
1224	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
1226	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
1228	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
1230	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
1232	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005



1234	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
1236	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
1238	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
1240	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
1242	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
1244	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
1246	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
1248	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
1250	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
1252	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
1254	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001
1256	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
1258	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
1260	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
1262	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
1264	10.89	10.89	8.48	0.00	0.11	9.	7.63	0.00	0.001	6.79	0.00	0.09	0.001
1268	10.89	10.89	41.04	0.00	0.53	42.	36.94	0.00	0.005	32.83	0.00	0.42	0.005
1270	10.89	10.89	52.09	0.00	0.67	53.	46.88	0.00	0.007	41.67	0.00	0.54	0.006
1272	10.89	10.89	63.09	0.00	0.81	64.	56.78	0.00	0.008	50.47	0.00	0.65	0.007
1274	10.89	10.89	71.04	0.00	0.91	73.	63.93	0.00	0.009	56.83	0.00	0.73	0.008
1276	10.89	10.89	76.29	0.00	0.98	78.	68.66	0.00	0.010	61.03	0.00	0.78	0.009
1278	10.89	10.89	81.59	0.00	1.05	83.	73.43	0.00	0.011	65.27	0.00	0.84	0.010
1280	10.89	10.89	84.96	0.00	1.09	87.	76.46	0.00	0.011	67.97	0.00	0.87	0.010
1282	10.89	10.89	86.51	0.00	1.11	88.	77.86	0.00	0.012	69.21	0.00	0.89	0.010
1284	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
1286	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010
1288	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
1290	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
1292	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
1294	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
1296	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
1298	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
1300	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
1302	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
1304	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
1306	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1308	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1310	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1312	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1314	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1316	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1318	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1320	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1322	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1324	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1326	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1328	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1330	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1332	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1334	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1336	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1338	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1340	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
1342	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
1344	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
1346	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
1348	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
1350	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
1352	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005
1354	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
1356	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
1358	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
1360	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
1362	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
1364	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
1366	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
1368	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
1370	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
1372	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
1374	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001
1376	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
1378	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
1380	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
1382	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
1384	10.89	10.89	8.48	0.00	0.11	9.	7.63	0.00	0.001	6.79	0.00	0.09	0.001
1388	10.89	10.89	41.04	0.00	0.53	42.	36.94	0.00	0.005	32.83	0.00	0.42	0.005
1390	10.89	10.89	52.09	0.00	0.67	53.	46.88	0.00	0.007	41.67	0.00	0.54	0.006
1392	10.89	10.89	63.09	0.00	0.81	64.	56.78	0.00	0.008	50.47	0.00	0.65	0.007
1394	10.89	10.89	71.04	0.00	0.91	73.	63.93	0.00	0.009	56.83	0.00	0.73	0.008
1396	10.89	10.89	76.29	0.00	0.98	78.	68.66	0.00	0.010	61.03	0.00	0.78	0.009
1398	10.89	10.89	81.59	0.00	1.05	83.	73.43	0.00	0.011	65.27	0.00	0.84	0.010
1400	10.89	10.89	84.96	0.00	1.09	87.	76.46	0.00	0.011	67.97	0.00	0.87	0.010
1402	10.89	10.89	86.51	0.00	1.11	88.	77.86	0.00	0.012	69.21	0.00	0.89	0.010
1404	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
1406	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010



1408	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
1410	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
1412	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
1414	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
1416	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
1418	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
1420	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
1422	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
1424	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
1426	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1428	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1430	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1432	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1434	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1436	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1438	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1440	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1442	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1444	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1446	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
1448	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1450	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1452	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1454	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1456	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1458	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1460	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
1462	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
1464	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
1466	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
1468	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
1470	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
1472	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005
1474	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
1476	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
1478	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
1480	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
1482	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
1484	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
1486	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
1488	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
1490	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
1492	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
1494	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001
1496	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
1498	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
1500	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
1508	10.89	10.89	41.04	0.00	0.53	42.	36.94	0.00	0.005	32.83	0.00	0.42	0.005
1510	10.89	10.89	52.09	0.00	0.67	53.	46.88	0.00	0.007	41.67	0.00	0.54	0.006
1512	10.89	10.89	63.09	0.00	0.81	64.	56.78	0.00	0.008	50.47	0.00	0.65	0.007
1514	10.89	10.89	71.04	0.00	0.91	73.	63.93	0.00	0.009	56.83	0.00	0.73	0.008
1516	10.89	10.89	76.29	0.00	0.98	78.	68.66	0.00	0.010	61.03	0.00	0.78	0.009
1518	10.89	10.89	81.59	0.00	1.05	83.	73.43	0.00	0.011	65.27	0.00	0.84	0.010
1520	10.89	10.89	84.96	0.00	1.09	87.	76.46	0.00	0.011	67.97	0.00	0.87	0.010
1522	10.89	10.89	86.51	0.00	1.11	88.	77.86	0.00	0.012	69.21	0.00	0.89	0.010
1524	10.89	10.89	88.22	0.00	1.13	90.	79.39	0.00	0.012	70.57	0.00	0.91	0.010
1526	10.89	10.89	88.35	0.00	1.14	90.	79.52	0.00	0.012	70.68	0.00	0.91	0.010
1528	10.89	10.89	86.56	0.00	1.11	88.	77.90	0.00	0.012	69.25	0.00	0.89	0.010
1530	10.89	10.89	84.70	0.00	1.09	87.	76.23	0.00	0.011	67.76	0.00	0.87	0.010
1532	10.89	10.89	80.55	0.00	1.04	82.	72.50	0.00	0.011	64.44	0.00	0.83	0.010
1534	10.89	10.89	73.51	0.00	0.95	75.	66.16	0.00	0.010	58.81	0.00	0.76	0.009
1536	10.89	10.89	66.22	0.00	0.85	68.	59.59	0.00	0.009	52.97	0.00	0.68	0.008
1538	10.89	10.89	55.53	0.00	0.71	57.	49.98	0.00	0.007	44.42	0.00	0.57	0.007
1540	10.89	10.89	40.93	0.00	0.53	42.	36.84	0.00	0.005	32.75	0.00	0.42	0.005
1542	10.89	10.89	26.29	0.00	0.34	27.	23.66	0.00	0.003	21.03	0.00	0.27	0.003
1544	10.89	10.89	7.19	0.00	0.09	7.	6.47	0.00	0.001	5.75	0.00	0.07	0.001
1578	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1580	10.89	10.89	12.65	0.00	0.16	13.	11.38	0.00	0.002	10.12	0.00	0.13	0.001
1582	10.89	10.89	23.30	0.00	0.30	24.	20.97	0.00	0.003	18.64	0.00	0.24	0.003
1584	10.89	10.89	33.78	0.00	0.43	34.	30.40	0.00	0.004	27.02	0.00	0.35	0.004
1586	10.89	10.89	40.27	0.00	0.52	41.	36.24	0.00	0.005	32.21	0.00	0.41	0.005
1588	10.89	10.89	43.25	0.00	0.56	44.	38.93	0.00	0.006	34.60	0.00	0.45	0.005
1590	10.89	10.89	46.07	0.00	0.59	47.	41.47	0.00	0.006	36.86	0.00	0.47	0.005
1592	10.89	10.89	46.36	0.00	0.60	47.	41.73	0.00	0.006	37.09	0.00	0.48	0.005
1594	10.89	10.89	44.54	0.00	0.57	45.	40.09	0.00	0.006	35.63	0.00	0.46	0.005
1596	10.89	10.89	42.59	0.00	0.55	43.	38.33	0.00	0.006	34.07	0.00	0.44	0.005
1598	10.89	10.89	39.31	0.00	0.51	40.	35.38	0.00	0.005	31.45	0.00	0.40	0.005
1600	10.89	10.89	35.05	0.00	0.45	36.	31.55	0.00	0.005	28.04	0.00	0.36	0.004
1602	10.89	10.89	30.69	0.00	0.39	31.	27.62	0.00	0.004	24.56	0.00	0.32	0.004
1604	10.89	10.89	25.98	0.00	0.33	27.	23.38	0.00	0.003	20.78	0.00	0.27	0.003
1606	10.89	10.89	21.20	0.00	0.27	22.	19.08	0.00	0.003	16.96	0.00	0.22	0.003
1608	10.89	10.89	16.36	0.00	0.21	17.	14.73	0.00	0.002	13.09	0.00	0.17	0.002
1610	10.89	10.89	12.00	0.00	0.15	12.	10.80	0.00	0.002	9.60	0.00	0.12	0.001
1612	10.89	10.89	8.37	0.00	0.11	9.	7.54	0.00	0.001	6.70	0.00	0.09	0.001
1614	10.89	10.89	4.79	0.00	0.06	5.	4.31	0.00	0.001	3.83	0.00	0.05	0.001



1616	10.89	10.89	2.51	0.00	0.03	3.	2.26	0.00	0.000	2.01	0.00	0.03	0.000
1618	10.89	10.89	1.86	0.00	0.02	2.	1.68	0.00	0.000	1.49	0.00	0.02	0.000
1620	10.89	10.89	1.51	0.00	0.02	2.	1.36	0.00	0.000	1.21	0.00	0.02	0.000
1985	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1986	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1987	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1988	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1989	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1990	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1991	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1992	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1993	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1994	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1995	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1996	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1997	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1998	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1999	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2000	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2001	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2002	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2003	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2004	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2005	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2006	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2007	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2008	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2009	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2010	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2011	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2012	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2013	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2014	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2015	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2016	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2017	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2018	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2019	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2020	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2021	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2022	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2023	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2024	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2025	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2026	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2027	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2028	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2029	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2030	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2031	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2032	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2033	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2034	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2035	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2036	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2037	10.89	10.89	0.00	-0.01	0.00	0.	0.00	-0.01	0.000	0.00	0.00	0.00	0.000
2038	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2039	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2040	10.89	10.89	0.00	-0.01	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2041	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2042	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2043	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2044	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2046	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2047	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2048	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2049	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2050	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2051	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2052	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2053	10.89	10.89	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2054	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
2055	10.89	10.89	8.48	0.00	0.11	9.	7.63	0.00	0.001	6.79	0.00	0.09	0.001
2056	10.89	10.89	18.10	0.00	0.23	18.	16.29	0.00	0.002	14.48	0.00	0.19	0.002
2057	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
2058	10.89	10.89	8.48	0.00	0.11	9.	7.63	0.00	0.001	6.79	0.00	0.09	0.001
2059	10.89	10.89	18.10	0.00	0.23	18.	16.29	0.00	0.002	14.48	0.00	0.19	0.002
2060	10.89	10.89	18.10	0.00	0.23	18.	16.29	0.00	0.002	14.48	0.00	0.19	0.002
2061	10.89	10.89	18.10	0.00	0.23	18.	16.29	0.00	0.002	14.48	0.00	0.19	0.002
2062	10.89	10.89	18.10	0.00	0.23	18.	16.29	0.00	0.002	14.48	0.00	0.19	0.002
2063	10.89	10.89	28.20	0.00	0.36	29.	25.38	0.00	0.004	22.56	0.00	0.29	0.003
2064	10.89	10.89	28.20	0.00	0.36	29.	25.38	0.00	0.004	22.56	0.00	0.29	0.003
2065	10.89	10.89	28.20	0.00	0.36	29.	25.38	0.00	0.004	22.56	0.00	0.29	0.003
2066	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
2067	10.89	10.89	9.02	0.00	0.12	9.	8.12	0.00	0.001	7.22	0.00	0.09	0.001



2068	10.89	10.89	1.65	0.00	0.02	2.	1.49	0.00	0.000	1.32	0.00	0.02	0.000
2069	10.89	10.89	9.02	0.00	0.12	9.	8.12	0.00	0.001	7.22	0.00	0.09	0.001
2070	10.89	10.89	17.85	0.00	0.23	18.	16.06	0.00	0.002	14.28	0.00	0.18	0.002
2071	10.89	10.89	25.06	0.00	0.32	26.	22.56	0.00	0.003	20.05	0.00	0.26	0.003
2072	10.89	10.89	29.07	0.00	0.37	30.	26.17	0.00	0.004	23.26	0.00	0.30	0.003
2073	10.89	10.89	26.61	0.00	0.34	27.	23.95	0.00	0.004	21.29	0.00	0.27	0.003
2074	10.89	10.89	26.61	0.00	0.34	27.	23.95	0.00	0.004	21.29	0.00	0.27	0.003
2075	10.89	10.89	29.07	0.00	0.37	30.	26.17	0.00	0.004	23.26	0.00	0.30	0.003
2076	10.89	10.89	17.85	0.00	0.23	18.	16.06	0.00	0.002	14.28	0.00	0.18	0.002
2077	10.89	10.89	25.06	0.00	0.32	26.	22.56	0.00	0.003	20.05	0.00	0.26	0.003

ARMATURA SUPERIORE VERTICALE

GUSCI	COMBINAZIONE RARA			COMB. FREQUENTE			COMB. QUASI PERMANENTE						
	Af	AfC	Mom	Nor	σC	σf	Mom	Nor	wkF	Mom	Nor	σC	wkP
542	15.25	15.25	4.69	0.00	0.05	3.	4.22	0.00	0.000	3.75	0.00	0.04	0.000
544	15.25	15.25	4.88	0.00	0.05	4.	4.39	0.00	0.000	3.90	0.00	0.04	0.000
546	15.25	15.25	5.07	0.00	0.06	4.	4.57	0.00	0.000	4.06	0.00	0.04	0.000
548	15.25	15.25	5.26	0.00	0.06	4.	4.74	0.00	0.000	4.21	0.00	0.05	0.000
550	15.25	15.25	5.41	0.00	0.06	4.	4.87	0.00	0.000	4.33	0.00	0.05	0.000
552	15.25	15.25	5.53	0.00	0.06	4.	4.98	0.00	0.000	4.43	0.00	0.05	0.000
554	15.25	15.25	5.61	0.00	0.06	4.	5.05	0.00	0.000	4.49	0.00	0.05	0.000
556	15.25	15.25	5.62	0.00	0.06	4.	5.06	0.00	0.000	4.50	0.00	0.05	0.000
558	15.25	15.25	5.58	0.00	0.06	4.	5.02	0.00	0.000	4.46	0.00	0.05	0.000
560	15.25	15.25	5.46	0.00	0.06	4.	4.92	0.00	0.000	4.37	0.00	0.05	0.000
562	15.25	15.25	5.26	0.00	0.06	4.	4.73	0.00	0.000	4.21	0.00	0.05	0.000
564	15.25	15.25	5.03	0.00	0.05	4.	4.52	0.00	0.000	4.02	0.00	0.04	0.000
566	15.25	15.25	4.86	0.00	0.05	4.	4.37	0.00	0.000	3.89	0.00	0.04	0.000
568	15.25	15.25	4.61	0.00	0.05	3.	4.15	0.00	0.000	3.68	0.00	0.04	0.000
570	15.25	15.25	4.31	0.00	0.05	3.	3.88	0.00	0.000	3.44	0.00	0.04	0.000
572	15.25	15.25	3.98	0.00	0.04	3.	3.58	0.00	0.000	3.18	0.00	0.03	0.000
574	15.25	15.25	3.59	0.00	0.04	3.	3.23	0.00	0.000	2.87	0.00	0.03	0.000
576	15.25	15.25	3.16	0.00	0.03	2.	2.85	0.00	0.000	2.53	0.00	0.03	0.000
578	15.25	15.25	2.71	0.00	0.03	2.	2.44	0.00	0.000	2.17	0.00	0.02	0.000
580	15.25	15.25	2.19	0.00	0.02	2.	1.97	0.00	0.000	1.75	0.00	0.02	0.000
582	15.25	15.25	1.63	0.00	0.02	1.	1.47	0.00	0.000	1.31	0.00	0.01	0.000
584	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
586	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
588	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
590	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
592	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
594	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
596	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
598	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
600	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
602	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
604	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
606	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
608	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
610	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
612	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
614	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
616	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
618	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
620	15.25	15.25	0.16	0.00	0.00	0.	0.15	0.00	0.000	0.13	0.00	0.00	0.000
622	15.25	15.25	0.90	0.00	0.01	1.	0.81	0.00	0.000	0.72	0.00	0.01	0.000
624	15.25	15.25	1.96	0.00	0.02	1.	1.77	0.00	0.000	1.57	0.00	0.02	0.000
626	15.25	15.25	3.82	0.00	0.04	3.	3.44	0.00	0.000	3.06	0.00	0.03	0.000
628	15.25	15.25	6.15	0.00	0.07	5.	5.53	0.00	0.000	4.92	0.00	0.05	0.000
630	15.25	15.25	6.38	0.00	0.07	5.	5.74	0.00	0.000	5.10	0.00	0.06	0.000
632	15.25	15.25	6.52	0.00	0.07	5.	5.87	0.00	0.000	5.22	0.00	0.06	0.000
634	15.25	15.25	6.60	0.00	0.07	5.	5.94	0.00	0.000	5.28	0.00	0.06	0.000
636	15.25	15.25	6.65	0.00	0.07	5.	5.98	0.00	0.000	5.32	0.00	0.06	0.000
638	15.25	15.25	6.63	0.00	0.07	5.	5.96	0.00	0.000	5.30	0.00	0.06	0.000
640	15.25	15.25	6.79	0.00	0.07	5.	6.11	0.00	0.000	5.43	0.00	0.06	0.000
642	15.25	15.25	6.92	0.00	0.08	5.	6.23	0.00	0.000	5.54	0.00	0.06	0.000
644	15.25	15.25	6.96	0.00	0.08	5.	6.26	0.00	0.000	5.56	0.00	0.06	0.000
646	15.25	15.25	6.91	0.00	0.08	5.	6.22	0.00	0.000	5.53	0.00	0.06	0.000
648	15.25	15.25	6.80	0.00	0.07	5.	6.12	0.00	0.000	5.44	0.00	0.06	0.000
650	15.25	15.25	6.62	0.00	0.07	5.	5.95	0.00	0.000	5.29	0.00	0.06	0.000
652	15.25	15.25	6.37	0.00	0.07	5.	5.74	0.00	0.000	5.10	0.00	0.06	0.000
654	15.25	15.25	6.10	0.00	0.07	4.	5.49	0.00	0.000	4.88	0.00	0.05	0.000
656	15.25	15.25	5.77	0.00	0.06	4.	5.19	0.00	0.000	4.62	0.00	0.05	0.000
658	15.25	15.25	5.42	0.00	0.06	4.	4.88	0.00	0.000	4.34	0.00	0.05	0.000
660	15.25	15.25	5.06	0.00	0.06	4.	4.55	0.00	0.000	4.05	0.00	0.04	0.000
662	15.25	15.25	6.03	0.00	0.07	4.	5.43	0.00	0.000	4.82	0.00	0.05	0.000
664	15.25	15.25	6.25	0.00	0.07	5.	5.62	0.00	0.000	5.00	0.00	0.05	0.000
666	15.25	15.25	6.44	0.00	0.07	5.	5.79	0.00	0.000	5.15	0.00	0.06	0.000
668	15.25	15.25	6.67	0.00	0.07	5.	6.00	0.00	0.000	5.34	0.00	0.06	0.000
670	15.25	15.25	6.80	0.00	0.07	5.	6.12	0.00	0.000	5.44	0.00	0.06	0.000
672	15.25	15.25	6.88	0.00	0.07	5.	6.19	0.00	0.000	5.50	0.00	0.06	0.000
674	15.25	15.25	6.96	0.00	0.08	5.	6.26	0.00	0.000	5.57	0.00	0.06	0.000
676	15.25	15.25	6.89	0.00	0.07	5.	6.20	0.00	0.000	5.51	0.00	0.06	0.000
678	15.25	15.25	6.72	0.00	0.07	5.	6.05	0.00	0.000	5.38	0.00	0.06	0.000



680	15.25	15.25	6.53	0.00	0.07	5.	5.87	0.00	0.000	5.22	0.00	0.06	0.000
682	15.25	15.25	6.13	0.00	0.07	5.	5.52	0.00	0.000	4.90	0.00	0.05	0.000
684	15.25	15.25	5.69	0.00	0.06	4.	5.12	0.00	0.000	4.55	0.00	0.05	0.000
686	15.25	15.25	5.49	0.00	0.06	4.	4.94	0.00	0.000	4.39	0.00	0.05	0.000
688	15.25	15.25	5.09	0.00	0.06	4.	4.58	0.00	0.000	4.07	0.00	0.04	0.000
690	15.25	15.25	4.50	0.00	0.05	3.	4.05	0.00	0.000	3.60	0.00	0.04	0.000
692	15.25	15.25	3.98	0.00	0.04	3.	3.58	0.00	0.000	3.18	0.00	0.03	0.000
694	15.25	15.25	3.35	0.00	0.04	2.	3.01	0.00	0.000	2.68	0.00	0.03	0.000
696	15.25	15.25	2.61	0.00	0.03	2.	2.35	0.00	0.000	2.09	0.00	0.02	0.000
698	15.25	15.25	1.96	0.00	0.02	1.	1.76	0.00	0.000	1.57	0.00	0.02	0.000
700	15.25	15.25	1.19	0.00	0.01	1.	1.07	0.00	0.000	0.95	0.00	0.01	0.000
702	15.25	15.25	0.35	0.00	0.00	0.	0.31	0.00	0.000	0.28	0.00	0.00	0.000
704	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
706	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
708	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
710	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
712	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
714	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
716	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
718	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
720	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
722	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
724	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
726	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
728	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
730	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
732	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
734	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
736	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
738	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
740	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
742	15.25	15.25	0.30	0.00	0.00	0.	0.27	0.00	0.000	0.24	0.00	0.00	0.000
744	15.25	15.25	1.48	0.00	0.02	1.	1.33	0.00	0.000	1.19	0.00	0.01	0.000
746	15.25	15.25	3.30	0.00	0.04	2.	2.97	0.00	0.000	2.64	0.00	0.03	0.000
748	15.25	15.25	6.00	0.00	0.07	4.	5.40	0.00	0.000	4.80	0.00	0.05	0.000
750	15.25	15.25	6.47	0.00	0.07	5.	5.82	0.00	0.000	5.17	0.00	0.06	0.000
752	15.25	15.25	6.76	0.00	0.07	5.	6.09	0.00	0.000	5.41	0.00	0.06	0.000
754	15.25	15.25	7.08	0.00	0.08	5.	6.37	0.00	0.000	5.66	0.00	0.06	0.000
756	15.25	15.25	7.33	0.00	0.08	5.	6.60	0.00	0.000	5.86	0.00	0.06	0.000
758	15.25	15.25	7.44	0.00	0.08	5.	6.70	0.00	0.000	5.95	0.00	0.06	0.000
760	15.25	15.25	7.80	0.00	0.08	6.	7.02	0.00	0.001	6.24	0.00	0.07	0.000
762	15.25	15.25	8.12	0.00	0.09	6.	7.31	0.00	0.001	6.50	0.00	0.07	0.000
764	15.25	15.25	8.22	0.00	0.09	6.	7.40	0.00	0.001	6.58	0.00	0.07	0.000
766	15.25	15.25	8.29	0.00	0.09	6.	7.46	0.00	0.001	6.63	0.00	0.07	0.000
768	15.25	15.25	8.25	0.00	0.09	6.	7.43	0.00	0.001	6.60	0.00	0.07	0.000
770	15.25	15.25	8.05	0.00	0.09	6.	7.25	0.00	0.001	6.44	0.00	0.07	0.000
772	15.25	15.25	7.85	0.00	0.09	6.	7.06	0.00	0.001	6.28	0.00	0.07	0.000
774	15.25	15.25	7.58	0.00	0.08	6.	6.82	0.00	0.001	6.06	0.00	0.07	0.000
776	15.25	15.25	7.20	0.00	0.08	5.	6.48	0.00	0.000	5.76	0.00	0.06	0.000
778	15.25	15.25	6.84	0.00	0.07	5.	6.15	0.00	0.000	5.47	0.00	0.06	0.000
780	15.25	15.25	6.44	0.00	0.07	5.	5.80	0.00	0.000	5.16	0.00	0.06	0.000
782	15.25	15.25	2.78	0.00	0.03	2.	2.51	0.00	0.000	2.23	0.00	0.02	0.000
784	15.25	15.25	2.46	0.00	0.03	2.	2.22	0.00	0.000	1.97	0.00	0.02	0.000
786	15.25	15.25	2.14	0.00	0.02	2.	1.93	0.00	0.000	1.71	0.00	0.02	0.000
788	15.25	15.25	1.85	0.00	0.02	1.	1.66	0.00	0.000	1.48	0.00	0.02	0.000
790	15.25	15.25	1.52	0.00	0.02	1.	1.37	0.00	0.000	1.21	0.00	0.01	0.000
792	15.25	15.25	1.70	0.00	0.02	1.	1.53	0.00	0.000	1.36	0.00	0.01	0.000
794	15.25	15.25	2.09	0.00	0.02	2.	1.88	0.00	0.000	1.67	0.00	0.02	0.000
796	15.25	15.25	2.52	0.00	0.03	2.	2.27	0.00	0.000	2.02	0.00	0.02	0.000
798	15.25	15.25	2.88	0.00	0.03	2.	2.59	0.00	0.000	2.30	0.00	0.03	0.000
800	15.25	15.25	3.23	0.00	0.04	2.	2.91	0.00	0.000	2.59	0.00	0.03	0.000
802	15.25	15.25	3.64	0.00	0.04	3.	3.27	0.00	0.000	2.91	0.00	0.03	0.000
804	15.25	15.25	3.97	0.00	0.04	3.	3.57	0.00	0.000	3.18	0.00	0.03	0.000
806	15.25	15.25	4.66	0.00	0.05	3.	4.20	0.00	0.000	3.73	0.00	0.04	0.000
808	15.25	15.25	5.32	0.00	0.06	4.	4.79	0.00	0.000	4.26	0.00	0.05	0.000
810	15.25	15.25	5.72	0.00	0.06	4.	5.15	0.00	0.000	4.57	0.00	0.05	0.000
812	15.25	15.25	5.93	0.00	0.06	4.	5.34	0.00	0.000	4.74	0.00	0.05	0.000
814	15.25	15.25	6.15	0.00	0.07	5.	5.54	0.00	0.000	4.92	0.00	0.05	0.000
816	15.25	15.25	6.11	0.00	0.07	4.	5.50	0.00	0.000	4.89	0.00	0.05	0.000
818	15.25	15.25	5.90	0.00	0.06	4.	5.31	0.00	0.000	4.72	0.00	0.05	0.000
820	15.25	15.25	5.73	0.00	0.06	4.	5.16	0.00	0.000	4.58	0.00	0.05	0.000
822	15.25	15.25	5.31	0.00	0.06	4.	4.78	0.00	0.000	4.25	0.00	0.05	0.000
824	15.25	15.25	3.93	0.00	0.04	3.	3.54	0.00	0.000	3.14	0.00	0.03	0.000
826	15.25	15.25	1.77	0.00	0.02	1.	1.59	0.00	0.000	1.41	0.00	0.02	0.000
828	15.25	15.25	1.06	0.00	0.01	1.	0.96	0.00	0.000	0.85	0.00	0.01	0.000
830	15.25	15.25	0.76	0.00	0.01	1.	0.68	0.00	0.000	0.61	0.00	0.01	0.000
832	15.25	15.25	0.66	0.00	0.01	0.	0.59	0.00	0.000	0.53	0.00	0.01	0.000
834	15.25	15.25	0.57	0.00	0.01	0.	0.51	0.00	0.000	0.45	0.00	0.00	0.000
836	15.25	15.25	0.57	0.00	0.01	0.	0.51	0.00	0.000	0.45	0.00	0.00	0.000
838	15.25	15.25	0.65	0.00	0.01	0.	0.58	0.00	0.000	0.52	0.00	0.01	0.000
840	15.25	15.25	0.73	0.00	0.01	1.	0.66	0.00	0.000	0.58	0.00	0.01	0.000
842	15.25	15.25	0.91	0.00	0.01	1.	0.82	0.00	0.000	0.73	0.00	0.01	0.000
844	15.25	15.25	1.18	0.00	0.01	1.	1.06	0.00	0.000	0.94	0.00	0.01	0.000
846	15.25	15.25	1.44	0.00	0.02	1.	1.30	0.00	0.000	1.16	0.00	0.01	0.000
848	15.25	15.25	1.85	0.00	0.02	1.	1.67	0.00	0.000	1.48	0.00	0.02	0.000



850	15.25	15.25	2.36	0.00	0.03	2.	2.12	0.00	0.000	1.89	0.00	0.02	0.000
852	15.25	15.25	2.89	0.00	0.03	2.	2.60	0.00	0.000	2.31	0.00	0.03	0.000
854	15.25	15.25	3.62	0.00	0.04	3.	3.26	0.00	0.000	2.89	0.00	0.03	0.000
856	15.25	15.25	4.60	0.00	0.05	3.	4.14	0.00	0.000	3.68	0.00	0.04	0.000
858	15.25	15.25	5.74	0.00	0.06	4.	5.17	0.00	0.000	4.59	0.00	0.05	0.000
860	15.25	15.25	7.38	0.00	0.08	5.	6.64	0.00	0.000	5.90	0.00	0.06	0.000
862	15.25	15.25	9.90	0.00	0.11	7.	8.91	0.00	0.001	7.92	0.00	0.09	0.001
864	15.25	15.25	13.35	0.00	0.15	10.	12.01	0.00	0.001	10.68	0.00	0.12	0.001
866	15.25	15.25	13.43	0.00	0.15	10.	12.09	0.00	0.001	10.74	0.00	0.12	0.001
868	15.25	15.25	13.38	0.00	0.15	10.	12.05	0.00	0.001	10.71	0.00	0.12	0.001
870	15.25	15.25	13.04	0.00	0.14	10.	11.73	0.00	0.001	10.43	0.00	0.11	0.001
872	15.25	15.25	12.59	0.00	0.14	9.	11.33	0.00	0.001	10.07	0.00	0.11	0.001
874	15.25	15.25	12.03	0.00	0.13	9.	10.83	0.00	0.001	9.62	0.00	0.10	0.001
876	15.25	15.25	11.24	0.00	0.12	8.	10.12	0.00	0.001	8.99	0.00	0.10	0.001
878	15.25	15.25	10.41	0.00	0.11	8.	9.37	0.00	0.001	8.32	0.00	0.09	0.001
880	15.25	15.25	10.02	0.00	0.11	7.	9.01	0.00	0.001	8.01	0.00	0.09	0.001
882	15.25	15.25	9.53	0.00	0.10	7.	8.58	0.00	0.001	7.62	0.00	0.08	0.001
884	15.25	15.25	9.07	0.00	0.10	7.	8.16	0.00	0.001	7.25	0.00	0.08	0.001
886	15.25	15.25	8.59	0.00	0.09	6.	7.73	0.00	0.001	6.87	0.00	0.07	0.001
888	15.25	15.25	7.99	0.00	0.09	6.	7.19	0.00	0.001	6.39	0.00	0.07	0.000
890	15.25	15.25	7.41	0.00	0.08	5.	6.67	0.00	0.000	5.93	0.00	0.06	0.000
892	15.25	15.25	6.81	0.00	0.07	5.	6.13	0.00	0.000	5.45	0.00	0.06	0.000
894	15.25	15.25	6.13	0.00	0.07	5.	5.52	0.00	0.000	4.91	0.00	0.05	0.000
896	15.25	15.25	5.45	0.00	0.06	4.	4.91	0.00	0.000	4.36	0.00	0.05	0.000
898	15.25	15.25	4.76	0.00	0.05	3.	4.29	0.00	0.000	3.81	0.00	0.04	0.000
900	15.25	15.25	4.03	0.00	0.04	3.	3.63	0.00	0.000	3.23	0.00	0.04	0.000
902	15.25	15.25	2.36	0.00	0.03	2.	2.12	0.00	0.000	1.88	0.00	0.02	0.000
904	15.25	15.25	2.11	0.00	0.02	2.	1.90	0.00	0.000	1.69	0.00	0.02	0.000
906	15.25	15.25	1.86	0.00	0.02	1.	1.67	0.00	0.000	1.49	0.00	0.02	0.000
908	15.25	15.25	1.80	0.00	0.02	1.	1.62	0.00	0.000	1.44	0.00	0.02	0.000
910	15.25	15.25	2.12	0.00	0.02	2.	1.91	0.00	0.000	1.70	0.00	0.02	0.000
912	15.25	15.25	2.42	0.00	0.03	2.	2.18	0.00	0.000	1.94	0.00	0.02	0.000
914	15.25	15.25	2.70	0.00	0.03	2.	2.43	0.00	0.000	2.16	0.00	0.02	0.000
916	15.25	15.25	2.98	0.00	0.03	2.	2.68	0.00	0.000	2.38	0.00	0.03	0.000
918	15.25	15.25	3.24	0.00	0.04	2.	2.91	0.00	0.000	2.59	0.00	0.03	0.000
920	15.25	15.25	3.47	0.00	0.04	3.	3.12	0.00	0.000	2.78	0.00	0.03	0.000
922	15.25	15.25	3.70	0.00	0.04	3.	3.33	0.00	0.000	2.96	0.00	0.03	0.000
924	15.25	15.25	3.90	0.00	0.04	3.	3.51	0.00	0.000	3.12	0.00	0.03	0.000
926	15.25	15.25	4.25	0.00	0.05	3.	3.82	0.00	0.000	3.40	0.00	0.04	0.000
928	15.25	15.25	4.62	0.00	0.05	3.	4.16	0.00	0.000	3.69	0.00	0.04	0.000
930	15.25	15.25	4.89	0.00	0.05	4.	4.40	0.00	0.000	3.91	0.00	0.04	0.000
932	15.25	15.25	5.00	0.00	0.05	4.	4.50	0.00	0.000	4.00	0.00	0.04	0.000
934	15.25	15.25	5.04	0.00	0.05	4.	4.53	0.00	0.000	4.03	0.00	0.04	0.000
936	15.25	15.25	4.94	0.00	0.05	4.	4.44	0.00	0.000	3.95	0.00	0.04	0.000
938	15.25	15.25	4.69	0.00	0.05	3.	4.22	0.00	0.000	3.75	0.00	0.04	0.000
940	15.25	15.25	4.37	0.00	0.05	3.	3.93	0.00	0.000	3.50	0.00	0.04	0.000
942	15.25	15.25	3.94	0.00	0.04	3.	3.55	0.00	0.000	3.15	0.00	0.03	0.000
944	15.25	15.25	2.35	0.00	0.03	2.	2.11	0.00	0.000	1.88	0.00	0.02	0.000
946	15.25	15.25	0.68	0.00	0.01	1.	0.61	0.00	0.000	0.55	0.00	0.01	0.000
948	15.25	15.25	0.15	0.00	0.00	0.	0.14	0.00	0.000	0.12	0.00	0.00	0.000
950	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
952	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
954	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
956	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
958	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
960	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
962	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
964	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
966	15.25	15.25	0.18	0.00	0.00	0.	0.16	0.00	0.000	0.14	0.00	0.00	0.000
968	15.25	15.25	0.55	0.00	0.01	0.	0.49	0.00	0.000	0.44	0.00	0.00	0.000
970	15.25	15.25	1.00	0.00	0.01	1.	0.90	0.00	0.000	0.80	0.00	0.01	0.000
972	15.25	15.25	1.57	0.00	0.02	1.	1.41	0.00	0.000	1.25	0.00	0.01	0.000
974	15.25	15.25	2.29	0.00	0.02	2.	2.06	0.00	0.000	1.83	0.00	0.02	0.000
976	15.25	15.25	3.21	0.00	0.03	2.	2.89	0.00	0.000	2.57	0.00	0.03	0.000
978	15.25	15.25	4.38	0.00	0.05	3.	3.94	0.00	0.000	3.50	0.00	0.04	0.000
980	15.25	15.25	6.00	0.00	0.07	4.	5.40	0.00	0.000	4.80	0.00	0.05	0.000
982	15.25	15.25	8.36	0.00	0.09	6.	7.52	0.00	0.001	6.68	0.00	0.07	0.000
984	15.25	15.25	12.03	0.00	0.13	9.	10.82	0.00	0.001	9.62	0.00	0.10	0.001
986	15.25	15.25	12.39	0.00	0.13	9.	11.15	0.00	0.001	9.91	0.00	0.11	0.001
988	15.25	15.25	12.48	0.00	0.14	9.	11.24	0.00	0.001	9.99	0.00	0.11	0.001
990	15.25	15.25	12.41	0.00	0.14	9.	11.17	0.00	0.001	9.92	0.00	0.11	0.001
992	15.25	15.25	12.22	0.00	0.13	9.	11.00	0.00	0.001	9.77	0.00	0.11	0.001
994	15.25	15.25	11.88	0.00	0.13	9.	10.69	0.00	0.001	9.50	0.00	0.10	0.001
996	15.25	15.25	11.37	0.00	0.12	8.	10.23	0.00	0.001	9.10	0.00	0.10	0.001
998	15.25	15.25	10.78	0.00	0.12	8.	9.70	0.00	0.001	8.63	0.00	0.09	0.001
1000	15.25	15.25	10.58	0.00	0.12	8.	9.52	0.00	0.001	8.46	0.00	0.09	0.001
1002	15.25	15.25	10.32	0.00	0.11	8.	9.29	0.00	0.001	8.25	0.00	0.09	0.001
1004	15.25	15.25	10.04	0.00	0.11	7.	9.04	0.00	0.001	8.04	0.00	0.09	0.001
1006	15.25	15.25	9.72	0.00	0.11	7.	8.75	0.00	0.001	7.78	0.00	0.08	0.001
1008	15.25	15.25	9.35	0.00	0.10	7.	8.42	0.00	0.001	7.48	0.00	0.08	0.001
1010	15.25	15.25	8.97	0.00	0.10	7.	8.07	0.00	0.001	7.17	0.00	0.08	0.001
1012	15.25	15.25	8.53	0.00	0.09	6.	7.68	0.00	0.001	6.83	0.00	0.07	0.001
1014	15.25	15.25	8.05	0.00	0.09	6.	7.25	0.00	0.001	6.44	0.00	0.07	0.000
1016	15.25	15.25	7.55	0.00	0.08	6.	6.79	0.00	0.001	6.04	0.00	0.07	0.000
1018	15.25	15.25	7.01	0.00	0.08	5.	6.31	0.00	0.000	5.61	0.00	0.06	0.000



1020	15.25	15.25	6.43	0.00	0.07	5.	5.79	0.00	0.000	5.14	0.00	0.06	0.000
1028	15.25	15.25	1.21	0.00	0.01	1.	1.09	0.00	0.000	0.97	0.00	0.01	0.000
1030	15.25	15.25	1.47	0.00	0.02	1.	1.32	0.00	0.000	1.17	0.00	0.01	0.000
1032	15.25	15.25	1.58	0.00	0.02	1.	1.42	0.00	0.000	1.26	0.00	0.01	0.000
1034	15.25	15.25	1.58	0.00	0.02	1.	1.43	0.00	0.000	1.27	0.00	0.01	0.000
1036	15.25	15.25	1.52	0.00	0.02	1.	1.37	0.00	0.000	1.21	0.00	0.01	0.000
1038	15.25	15.25	1.26	0.00	0.01	1.	1.13	0.00	0.000	1.01	0.00	0.01	0.000
1040	15.25	15.25	0.83	0.00	0.01	1.	0.75	0.00	0.000	0.66	0.00	0.01	0.000
1042	15.25	15.25	0.29	0.00	0.00	0.	0.26	0.00	0.000	0.23	0.00	0.00	0.000
1044	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1046	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1048	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1050	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1052	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1054	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1056	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1058	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1060	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1062	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1064	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1098	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1100	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1102	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1104	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1106	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1108	15.25	15.25	0.19	0.00	0.00	0.	0.17	0.00	0.000	0.15	0.00	0.00	0.000
1110	15.25	15.25	1.47	0.00	0.02	1.	1.32	0.00	0.000	1.18	0.00	0.01	0.000
1112	15.25	15.25	2.50	0.00	0.03	2.	2.25	0.00	0.000	2.00	0.00	0.02	0.000
1114	15.25	15.25	3.36	0.00	0.04	2.	3.02	0.00	0.000	2.68	0.00	0.03	0.000
1116	15.25	15.25	4.12	0.00	0.04	3.	3.71	0.00	0.000	3.30	0.00	0.04	0.000
1118	15.25	15.25	4.85	0.00	0.05	4.	4.37	0.00	0.000	3.88	0.00	0.04	0.000
1120	15.25	15.25	5.71	0.00	0.06	4.	5.14	0.00	0.000	4.57	0.00	0.05	0.000
1122	15.25	15.25	6.31	0.00	0.07	5.	5.67	0.00	0.000	5.04	0.00	0.05	0.000
1124	15.25	15.25	6.81	0.00	0.07	5.	6.13	0.00	0.000	5.44	0.00	0.06	0.000
1126	15.25	15.25	7.14	0.00	0.08	5.	6.43	0.00	0.000	5.71	0.00	0.06	0.000
1128	15.25	15.25	7.29	0.00	0.08	5.	6.56	0.00	0.000	5.83	0.00	0.06	0.000
1130	15.25	15.25	7.37	0.00	0.08	5.	6.63	0.00	0.000	5.89	0.00	0.06	0.000
1132	15.25	15.25	7.34	0.00	0.08	5.	6.60	0.00	0.000	5.87	0.00	0.06	0.000
1134	15.25	15.25	7.18	0.00	0.08	5.	6.46	0.00	0.000	5.74	0.00	0.06	0.000
1136	15.25	15.25	7.00	0.00	0.08	5.	6.30	0.00	0.000	5.60	0.00	0.06	0.000
1138	15.25	15.25	6.76	0.00	0.07	5.	6.08	0.00	0.000	5.41	0.00	0.06	0.000
1140	15.25	15.25	6.44	0.00	0.07	5.	5.79	0.00	0.000	5.15	0.00	0.06	0.000
1142	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1144	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1148	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1150	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1152	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1154	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1156	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1158	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1160	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1162	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1164	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1166	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1168	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1170	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1172	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1174	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1176	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1178	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1180	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1182	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1184	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1186	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1188	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1190	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1192	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1194	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1196	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1198	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1200	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1202	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1204	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1206	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1208	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1210	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1212	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1214	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1216	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1218	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1220	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1222	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1224	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1226	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1228	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1230	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1232	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1234	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1236	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1238	15.25	15.25	1.21	0.00	0.01	1.	1.09	0.00	0.000	0.97	0.00	0.01	0.000
1240	15.25	15.25	2.55	0.00	0.03	2.	2.29	0.00	0.000	2.04	0.00	0.02	0.000
1242	15.25	15.25	3.64	0.00	0.04	3.	3.28	0.00	0.000	2.91	0.00	0.03	0.000
1244	15.25	15.25	4.50	0.00	0.05	3.	4.05	0.00	0.000	3.60	0.00	0.04	0.000
1246	15.25	15.25	5.15	0.00	0.06	4.	4.63	0.00	0.000	4.12	0.00	0.04	0.000
1248	15.25	15.25	5.60	0.00	0.06	4.	5.04	0.00	0.000	4.48	0.00	0.05	0.000
1250	15.25	15.25	5.92	0.00	0.06	4.	5.33	0.00	0.000	4.74	0.00	0.05	0.000
1252	15.25	15.25	6.10	0.00	0.07	5.	5.49	0.00	0.000	4.88	0.00	0.05	0.000
1254	15.25	15.25	6.17	0.00	0.07	5.	5.55	0.00	0.000	4.93	0.00	0.05	0.000
1256	15.25	15.25	6.15	0.00	0.07	5.	5.54	0.00	0.000	4.92	0.00	0.05	0.000
1258	15.25	15.25	6.06	0.00	0.07	4.	5.45	0.00	0.000	4.84	0.00	0.05	0.000
1260	15.25	15.25	5.89	0.00	0.06	4.	5.30	0.00	0.000	4.71	0.00	0.05	0.000
1262	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1264	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1268	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1270	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1272	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1274	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1276	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1278	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1280	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1282	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1284	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1286	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1288	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1290	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1292	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1294	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1296	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1298	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1300	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1302	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1304	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1306	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1308	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1310	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1312	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1314	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1316	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1318	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1320	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1322	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1324	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1326	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1328	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1330	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1332	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1334	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1336	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1338	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1340	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1342	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1344	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1346	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1348	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1350	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1352	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1354	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1356	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1358	15.25	15.25	1.06	0.00	0.01	1.	0.95	0.00	0.000	0.85	0.00	0.01	0.000
1360	15.25	15.25	2.39	0.00	0.03	2.	2.15	0.00	0.000	1.91	0.00	0.02	0.000
1362	15.25	15.25	3.44	0.00	0.04	3.	3.10	0.00	0.000	2.75	0.00	0.03	0.000
1364	15.25	15.25	4.26	0.00	0.05	3.	3.83	0.00	0.000	3.41	0.00	0.04	0.000
1366	15.25	15.25	4.86	0.00	0.05	4.	4.38	0.00	0.000	3.89	0.00	0.04	0.000
1368	15.25	15.25	5.29	0.00	0.06	4.	4.76	0.00	0.000	4.23	0.00	0.05	0.000
1370	15.25	15.25	5.57	0.00	0.06	4.	5.02	0.00	0.000	4.46	0.00	0.05	0.000
1372	15.25	15.25	5.73	0.00	0.06	4.	5.16	0.00	0.000	4.58	0.00	0.05	0.000
1374	15.25	15.25	5.77	0.00	0.06	4.	5.20	0.00	0.000	4.62	0.00	0.05	0.000
1376	15.25	15.25	5.73	0.00	0.06	4.	5.16	0.00	0.000	4.58	0.00	0.05	0.000
1378	15.25	15.25	5.61	0.00	0.06	4.	5.05	0.00	0.000	4.49	0.00	0.05	0.000
1380	15.25	15.25	5.42	0.00	0.06	4.	4.88	0.00	0.000	4.33	0.00	0.05	0.000
1382	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1384	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1388	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1390	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1392	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1394	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1396	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1398	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1400	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1402	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000



1404	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1406	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1408	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1410	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1412	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1414	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1416	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1418	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1420	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1422	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1424	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1426	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1428	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1430	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1432	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1434	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1436	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1438	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1440	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1442	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1444	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1446	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1448	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1450	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1452	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1454	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1456	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1458	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1460	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1462	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1464	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1466	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1468	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1470	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1472	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1474	15.25	15.25	1.40	0.00	0.02	1.	1.26	0.00	0.000	1.12	0.00	0.01	0.000
1476	15.25	15.25	2.74	0.00	0.03	2.	2.47	0.00	0.000	2.19	0.00	0.02	0.000
1478	15.25	15.25	3.68	0.00	0.04	3.	3.32	0.00	0.000	2.95	0.00	0.03	0.000
1480	15.25	15.25	4.52	0.00	0.05	3.	4.06	0.00	0.000	3.61	0.00	0.04	0.000
1482	15.25	15.25	5.15	0.00	0.06	4.	4.64	0.00	0.000	4.12	0.00	0.04	0.000
1484	15.25	15.25	5.56	0.00	0.06	4.	5.01	0.00	0.000	4.45	0.00	0.05	0.000
1486	15.25	15.25	5.82	0.00	0.06	4.	5.24	0.00	0.000	4.66	0.00	0.05	0.000
1488	15.25	15.25	5.95	0.00	0.06	4.	5.36	0.00	0.000	4.76	0.00	0.05	0.000
1490	15.25	15.25	5.96	0.00	0.06	4.	5.36	0.00	0.000	4.77	0.00	0.05	0.000
1492	15.25	15.25	5.87	0.00	0.06	4.	5.28	0.00	0.000	4.69	0.00	0.05	0.000
1494	15.25	15.25	5.70	0.00	0.06	4.	5.13	0.00	0.000	4.56	0.00	0.05	0.000
1496	15.25	15.25	5.45	0.00	0.06	4.	4.91	0.00	0.000	4.36	0.00	0.05	0.000
1498	15.25	15.25	5.14	0.00	0.06	4.	4.63	0.00	0.000	4.11	0.00	0.04	0.000
1500	15.25	15.25	4.78	0.00	0.05	4.	4.30	0.00	0.000	3.82	0.00	0.04	0.000
1508	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1510	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1512	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1514	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1516	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1518	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1520	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1522	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1524	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1526	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1528	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1530	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1532	15.25	15.25	0.05	0.00	0.00	0.	0.05	0.00	0.000	0.04	0.00	0.00	0.000
1534	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1536	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1538	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1540	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1542	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1544	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1578	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1580	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
1582	15.25	15.25	1.57	0.00	0.02	1.	1.41	0.00	0.000	1.26	0.00	0.01	0.000
1584	15.25	15.25	5.59	0.00	0.06	4.	5.03	0.00	0.000	4.47	0.00	0.05	0.000
1586	15.25	15.25	7.87	0.00	0.09	6.	7.08	0.00	0.001	6.29	0.00	0.07	0.000
1588	15.25	15.25	8.32	0.00	0.09	6.	7.49	0.00	0.001	6.66	0.00	0.07	0.000
1590	15.25	15.25	8.77	0.00	0.10	6.	7.90	0.00	0.001	7.02	0.00	0.08	0.001
1592	15.25	15.25	8.82	0.00	0.10	6.	7.94	0.00	0.001	7.06	0.00	0.08	0.001
1594	15.25	15.25	8.68	0.00	0.09	6.	7.81	0.00	0.001	6.95	0.00	0.08	0.001
1596	15.25	15.25	8.53	0.00	0.09	6.	7.68	0.00	0.001	6.82	0.00	0.07	0.001
1598	15.25	15.25	8.07	0.00	0.09	6.	7.26	0.00	0.001	6.45	0.00	0.07	0.000
1600	15.25	15.25	8.11	0.00	0.09	6.	7.30	0.00	0.001	6.49	0.00	0.07	0.000
1602	15.25	15.25	7.98	0.00	0.09	6.	7.18	0.00	0.001	6.38	0.00	0.07	0.000
1604	15.25	15.25	7.69	0.00	0.08	6.	6.92	0.00	0.001	6.15	0.00	0.07	0.000
1606	15.25	15.25	7.38	0.00	0.08	5.	6.64	0.00	0.000	5.91	0.00	0.06	0.000
1608	15.25	15.25	7.03	0.00	0.08	5.	6.33	0.00	0.000	5.62	0.00	0.06	0.000
1610	15.25	15.25	6.55	0.00	0.07	5.	5.89	0.00	0.000	5.24	0.00	0.06	0.000



Monumento a Carlo Alberto – intervento di
traslazione provvisoria – Relazione di calcolo

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2066	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2067	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2068	15.25	15.25	0.69	0.00	0.01	1.	0.62	0.00	0.000	0.55	0.00	0.01	0.000
2069	15.25	15.25	1.04	0.00	0.01	1.	0.94	0.00	0.000	0.84	0.00	0.01	0.000
2070	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2071	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2072	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2073	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2074	15.25	15.25	0.00	0.00	0.00	0.	0.00	0.00	0.000	0.00	0.00	0.00	0.000
2075	15.25	15.25	0.91	0.00	0.01	1.	0.82	0.00	0.000	0.73	0.00	0.01	0.000
2076	15.25	15.25	1.05	0.00	0.01	1.	0.94	0.00	0.000	0.84	0.00	0.01	0.000
2077	15.25	15.25	1.50	0.00	0.02	1.	1.35	0.00	0.000	1.20	0.00	0.01	0.000