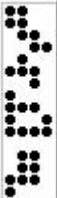
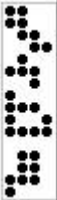
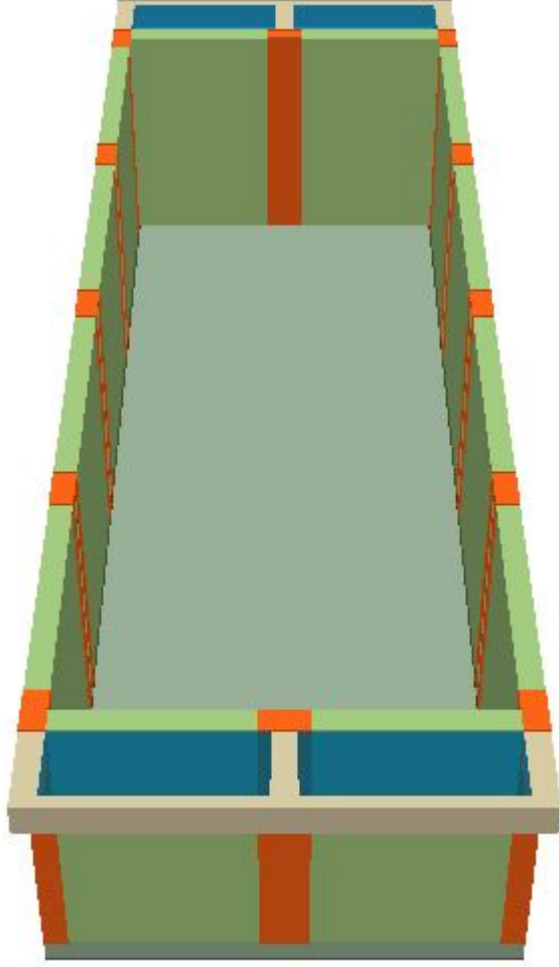


İÇİNDEKİLER

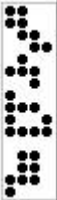
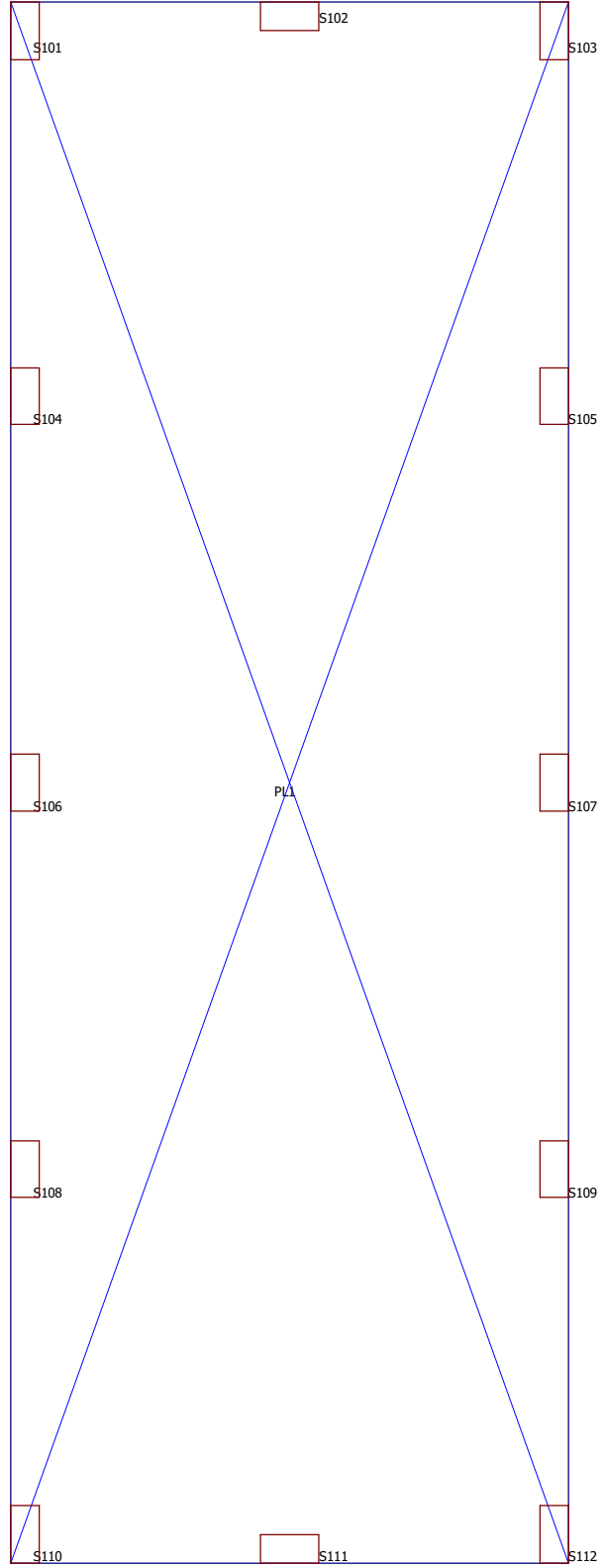
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Sayfa 56	-GÜÇLÜ KOLONLARIN, KAT KESME GÜVENLİĞİ (t) (TBDY2018-7.3.5)
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Sayfa 61	-KİRİŞLERİN KESME ve BURULMA KONTROLU (tm) (TS500-8.2)
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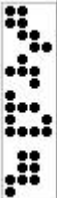
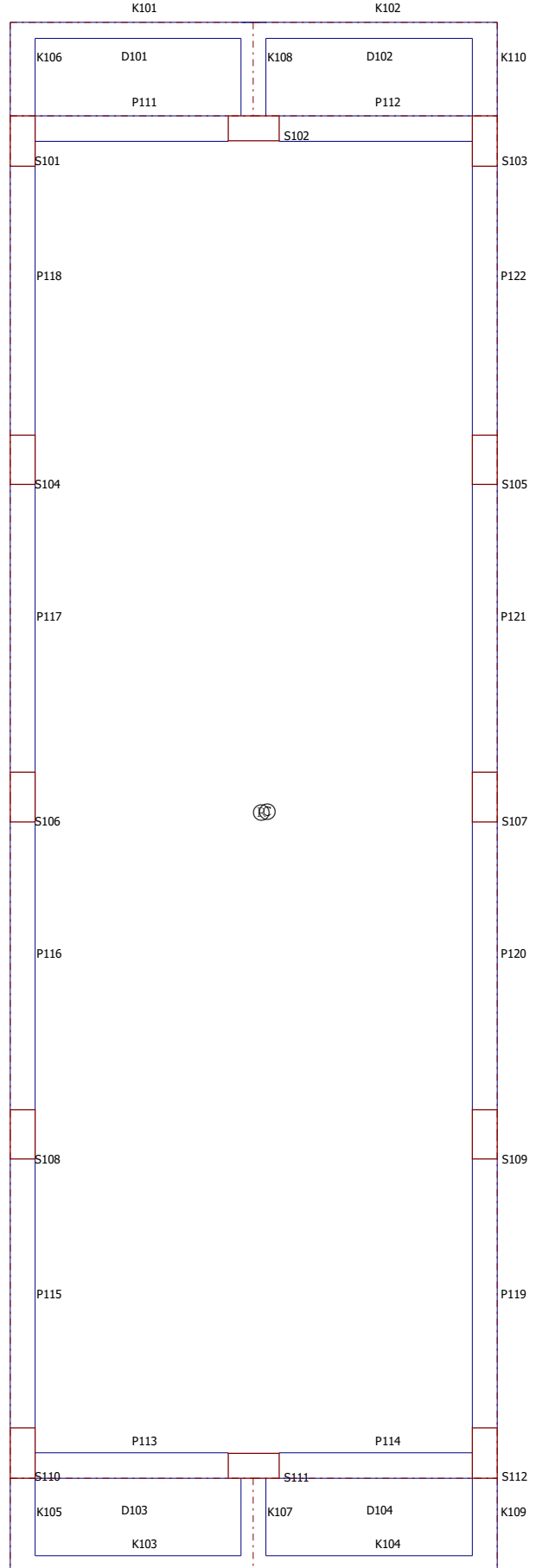
YAPI 3D GÖRÜNÜŞÜ



TEMEL APLIKASYON PLANI



1. KAT KALIP APLIKASYON PLANI



STA4-CAD
Structural Analysis FOR Computer Aided Design
VERSION 14.1
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STA MÜH. MÜŞ. LTD. ŞTİ.

STA4 programı, çok katlı betonarme yapıların 3 boyutlu analizini ve entegre olarak çizimlerini yapan entegre paket programdır. Yapının tümü için global stifnes matrisi bir defada kurulur ve bloklama tekniği ile deplasmanlar bulunur. Kat düzlemindeki plakların yatay düzlemde sonsuz rijitliğini dikkate alarak, kat düzlemindeki δ_x , δ_y , θ_z deplasmanları için her katta 3 bilinmeyen, eleman uçlarında θ_x , θ_y , δ_z deplasmanları için her noktada 3 bilinmeyen kullanarak bir noktada 6 serbestlikli betonarme yapılara özgün stifnes matrisi ile çözülmektedir. Kiriş ve kolon elemanlarında kayma deformasyonları ile burulma etkileri dikkate alınmaktadır. Denklem takımını; çözümünün hızlı olabilmesi için uç nokta numaraları, program tarafından nokta optimizasyonu ile minimum hafızada çözecek şekilde düzenlenir. Yapı+temel birlikte çözülebilmekte olup, temel stifnes matrisleri winkler hipotezi ile kurulmaktadır.

Global stifnes matrisinde dikkate alınan hususlar:

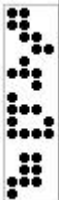
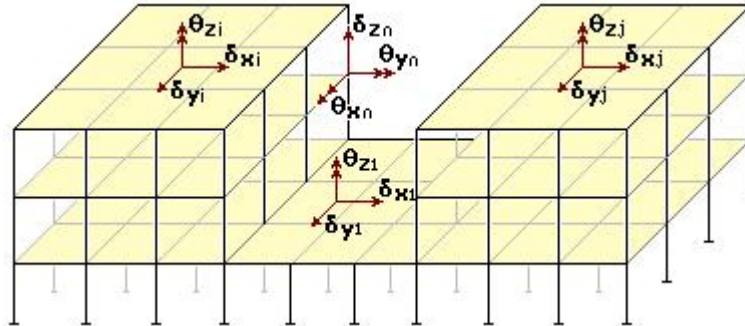
- Kirişlerin kolon ve perdelerine içindeki kısımları, sonsuz rijit alınarak yük ve rijitlik matrislerinin düzenlenmesi.
- Geniş perdelerle zayıf yönde saplanan kirişlerin, fiktif kolon kontrollü elastik ankastre olarak çözümü.
- Geniş perdelerle rijitliği yönünde saplanan kirişlerde, kayma deformasyonların dikkate alınması.
- Altındaki kolon ile statik eksenlerinde kaçıklık olan kolonlarda, eksenel yük eksantirikliğinin stifnes matrisinde dikkate alınması.
- Dinamik analizde; CQC(Complete Quadratic Combination) metodu ile %5 sönüm yüzdesine göre kuvvetlerin bulunması.

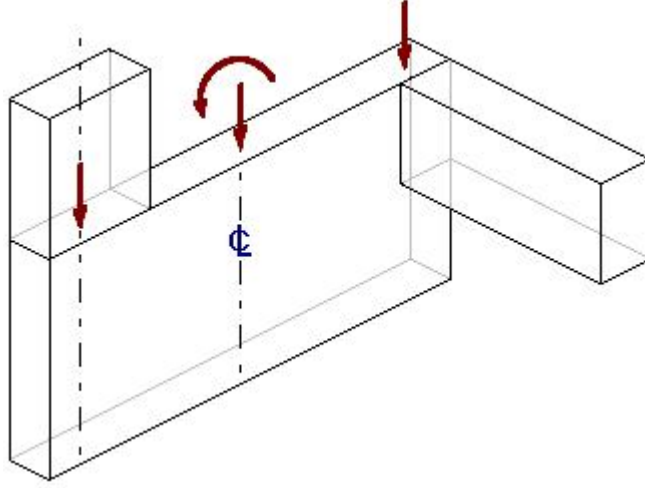
STATİK ANALİZ YÜK KOMBİNASYON NOTASYONLARI:

1. G+G+G+G+G : Genel ölü yük
2. Q+Q+Q+Q+Q : 1. Genel hareketli yük
3. Q+o+Q+o+Q : 2. Hareketli yük
4. o+Q+o+Q+o : 3. Hareketli yük
5. Q+Q+o+Q+Q : 4. Hareketli yük
6. o+Q+Q+o+Q : 5. Hareketli yük
7. Q+o+Q+Q+o : 6. Hareketli yük
8. Sz : Yatay zemin itkisi
9. Ex + %5 x ey : X yönü deprem + %5 eksantrisite
10. Ex - %5 x ey : X yönü deprem - %5 eksantrisite
11. Ey + %5 x ex : Y yönü deprem + %5 eksantrisite
12. Ey - %5 x ex : Y yönü deprem - %5 eksantrisite
13. Wx : X yönü rüzgar
14. Wy : Y yönü rüzgar
15. T : Isı yükü

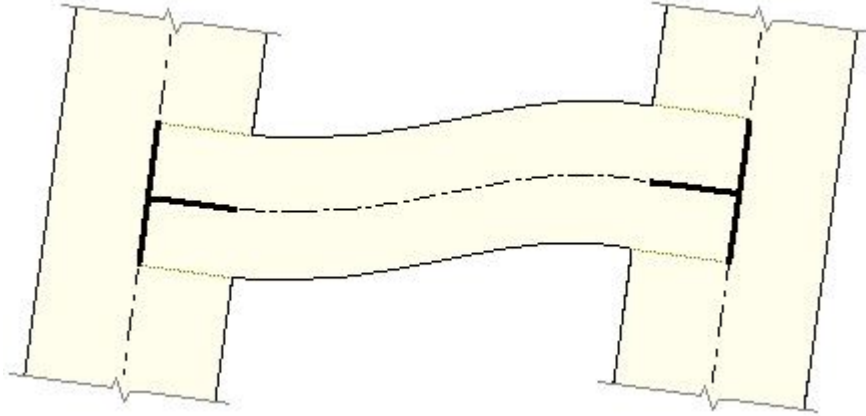
Programda kullanılan standartlar :

- 1 - TBDY 2018-Türkiye Bina Deprem Yönetmeliği
- 2 - Afet Bölgelerinde Yapılacak Yapılar Hakkında Yönetmelik (1975,1997,2007)
- 3 - TS-498 hareketli ve rüzgar yükü standardı.
- 4 - TS-500 betonarme yapıların hesap standardı.
- 5 - ACI-318, UBC-97 code
- 6 - EUROCODE-2,8 code
- 7 - SNIP-2.03.01 code

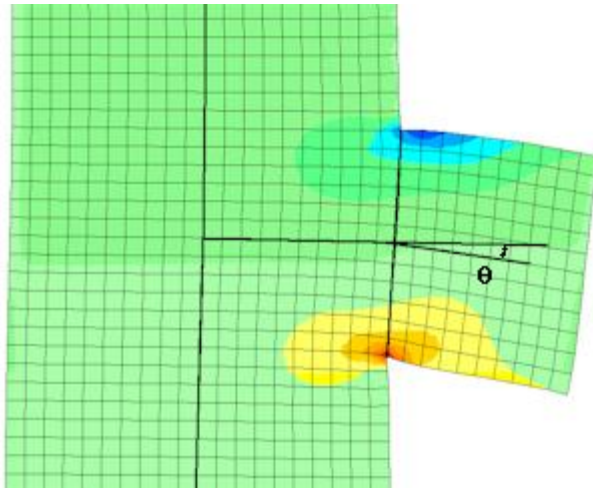


PERDE ve KOLONLARDA EKSANTRISITE

STA4-CAD Perde ve kolonlarda eksenel yük kaçıklıklarını opsiyonel olarak dikkate alır. Geometrik akslar, elemanların bilgi tanımı içindir. Statik hesaplarda, elemanların ağırlık merkezlerini dikkate alarak gerçek eksenlerle çalışır. Perdelere zayıf yönünde saplanan kirişlerin, düşey plak gibi davranan perdedeki lokal eğilme deformasyonunu sonlu elemanlara eşdeğer yöntemle elastik ankastrelik değerlerine göre opsiyonel çözüm yapabilir.

KAYMA DEFORMASYONU ve RIJITLIK BÖLGELERİ

STA4-CAD Perde ve kolonlarda kayma deformasyonlarını rijitlik matrislerinde dikkate alır. Aynı şekilde rijit perdelerle bağlı kirişlerin kayma deformasyonlarında perdelerin genişlikleri oranında dikkate alarak rijitlik matrislerini oluşturur. Kirişlerin kolon kısmındaki bölgeleri, gerekse kolonların kiriş kısmındaki bölgeleri sonsuz rijit kabul edilerek moment alan teorisi ile sayısal integrasyon yapılarak gerçek rijit matrisi kurularak çözüm yapılır. Aynı şekilde kirişlerin yük matrisinde kolon kısmındaki bölgede sonsuz rijit davranışı dikkate alarak, ankastrelik tesirlerini bulur.



DÖŞEME YÜK ANALİZİ

MARLEY KAPLAMA				
Kaplama (MARLEY)	0.050 t/m ³ ×	0.003 m	:	0.000
Kaplama harcı	2.200 t/m ³ ×	0.020 m	:	0.044
Tesviye betonu	2.000 t/m ³ ×	0.030 m	:	0.060
Sıva	2.200 t/m ³ ×	0.020 m	:	0.044
TOPLAM.....				0.148
FAYANS KAPLAMA				
Kaplama (FAYANS)	2.200 t/m ³ ×	0.010 m	:	0.022
Kaplama harcı	2.200 t/m ³ ×	0.020 m	:	0.044
Tesviye betonu	2.000 t/m ³ ×	0.030 m	:	0.060
Sıva	2.200 t/m ³ ×	0.020 m	:	0.044
TOPLAM.....				0.170
KARO KAPLAMA				
Kaplama (KARO MOZAİK)	2.200 t/m ³ ×	0.020 m	:	0.044
Kaplama harcı	2.200 t/m ³ ×	0.020 m	:	0.044
Tesviye betonu	2.000 t/m ³ ×	0.040 m	:	0.080
Sıva	2.200 t/m ³ ×	0.020 m	:	0.044
TOPLAM.....				0.212
DUSUK DOSEME				
Kaplama (FAYANS)	2.200 t/m ³ ×	0.010 m	:	0.022
Kaplama harcı	2.200 t/m ³ ×	0.030 m	:	0.066
Tesviye betonu	2.000 t/m ³ ×	0.050 m	:	0.100
Sıva	2.200 t/m ³ ×	0.020 m	:	0.044
Dolgu	1.500 t/m ³ ×	0.200 m	:	0.300
TOPLAM.....				0.532
CATI DOSEMESI				
Kaplama (IZOLASYON)	0.100 t/m ³ ×	0.050 m	:	0.005
Tesviye betonu	2.000 t/m ³ ×	0.050 m	:	0.100
Sıva	2.200 t/m ³ ×	0.020 m	:	0.044
TOPLAM.....				0.149
MERDIVEN				
Kaplama (MERMER)	2.200 t/m ³ ×	0.020 m	:	0.044
Kaplama harcı	2.200 t/m ³ ×	0.020 m	:	0.044
Sıva	2.200 t/m ³ ×	0.020 m	:	0.044
Dolgu	2.200 t/m ³ ×	0.100 m	:	0.220
TOPLAM.....				0.352
SAHANLIK				
Kaplama (MERMER)	2.200 t/m ³ ×	0.020 m	:	0.044
Kaplama harcı	2.200 t/m ³ ×	0.020 m	:	0.044
Tesviye betonu	2.000 t/m ³ ×	0.030 m	:	0.060
Sıva	2.200 t/m ³ ×	0.020 m	:	0.044
TOPLAM.....				0.192

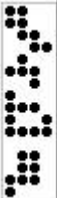
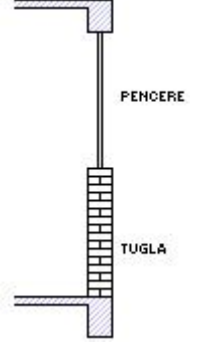
(Döşeme zatipleri, döşeme yük hesabında ilave edilecek)



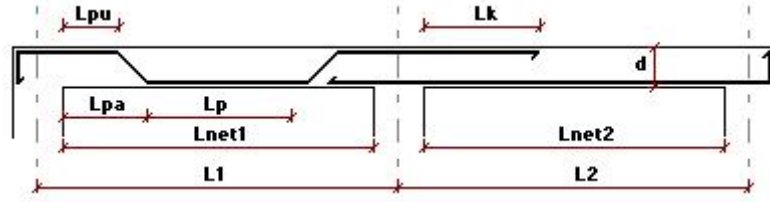
KIRIŞ YÜK ANALİZİ

19cm Tugla Duvar yükü (19 cm)	0.320 t/m ² × 2.500 m:	0.800
13cm Tugla Duvar yükü (13 cm)	0.250 t/m ² × 2.500 m:	0.625
9cm Tugla Duvar yükü (9 cm)	0.200 t/m ² × 2.500 m:	0.500
19cm Tug. pen Duvar yükü (19 cm)	0.320 t/m ² × 1.000 m:	0.320
Pencere	0.050 t/m ² × 1.500 m:	0.075
TOPLAM.....		0.395
13cm Tug. pen Duvar yükü (13 cm)	0.250 t/m ² × 1.000 m:	0.250
Pencere	0.050 t/m ² × 1.500 m:	0.075
TOPLAM.....		0.325
9cm Tug. pen. Duvar yükü (9 cm)	0.200 t/m ² × 1.000 m:	0.200
Pencere	0.050 t/m ² × 1.500 m:	0.075
TOPLAM.....		0.275
Cam Bolme Duvar yükü (2 cm)	0.050 t/m ² × 2.700 m:	0.135
25cm Tugla Duvar yükü (25 cm)	0.380 t/m ² × 2.500 m:	0.950
20cm GazBeton Duvar yükü (20 cm)	0.190 t/m ² × 2.500 m:	0.475
15cm GazBeton Duvar yükü (15 cm)	0.160 t/m ² × 2.500 m:	0.400
10cm GazBeton Duvar yükü (10 cm)	0.130 t/m ² × 2.500 m:	0.325
20cm GazB.pen. Duvar yükü (20 cm)	0.190 t/m ² × 1.000 m:	0.190
Pencere	0.050 t/m ² × 1.500 m:	0.075
TOPLAM.....		0.265
15cm GazB.pen. Duvar yükü (15 cm)	0.160 t/m ² × 1.000 m:	0.160
Pencere	0.050 t/m ² × 1.500 m:	0.075
TOPLAM.....		0.235
10cm GazB.pen. Duvar yükü (10 cm)	0.130 t/m ² × 1.000 m:	0.130
Pencere	0.050 t/m ² × 1.500 m:	0.075
TOPLAM.....		0.205
Panel duvar Duvar yükü (5 cm)	0.050 t/m ² × 2.700 m:	0.135
25cm GazBeton Duvar yükü (25 cm)	0.216 t/m ² × 2.500 m:	0.540
10cm FabrikPan. Duvar yükü (10 cm)	0.130 t/m ² × 2.500 m:	0.325
40cm Tas duvar Duvar yükü (40 cm)	1.098 t/m ² × 1.000 m:	1.098

(Kiriş zati, Kiriş yük hesabında ilave edilecek)



GENEL BETONARME CIZIM OPSİYONLARI

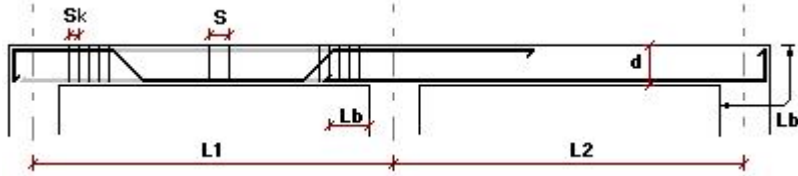


Maximum demir boyu.....cm.= 1200
 Minimum demir bindirme boyu oranı.....= $\emptyset \times 50$
 min. Lp.....= Lnet1 / 2
 Lpa.....= Lnet1 / 5
 min. Lpu.....cm.= 30
 min. Lpu= d / 2
 min. Lk= Lnet2 / 4
 Pilye kayma donatısı katılım oranı.....= 0
 Genel kanca boyu= $\emptyset \times 10$
 Kiriş donatısının, kolon içindeki aderans boyu.....= $\emptyset \times 50$
 Kirişlerde sık etriye opsiyonu.....= zorunlu
 Kirişlerde Pilye opsiyonu.....= pilyesiz
 Minimum pilye açıklık oranı.....= Lnet/2
 Tek donatılarda, pilye ve düz donatı tercihi.....= düz
 Kirişlerde minimum iki demir aralığı.....cm.= 2.5

DOSEME BETONARME OPSİYONLARI

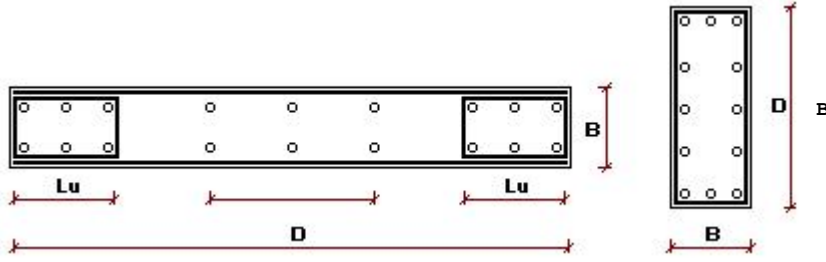
Plaklarda paspayı.....cm.= 2
 Maksimum demir aralığı.....cm.= 20, d x 1.5
 İki yonlu plak-minimum çekme bölgesi pürsantajı = 0.002
 Tek yonlu plak-minimum çekme bölgesi pürsantajı = 0.003
 Nervur Max. Etriye aralığı.....cm.= 20, d/2
 Lk : üst donatı uzatma boyu.....cm.= 50 \emptyset , Ln/4

KIRIS BETONARME OPSİYONLARI



Etriye paspayı / Boyuna donatı paspayıcm.= 2.5 / 4
 Maksimum sehım sınırı (bölme duvarsız)= L / 360
 Maksimum sehım sınırı (bölme duvarlı)= L / 240
 Min. çekme bölgesi TS500-2000 'e göre= 0.0028
 As min= 0.8 x fctd / fyd alınacaktır.
 Minimum düz ve pilye donatı çapı \emptyset . = 12
 Minimum montaj donatı çapı \emptyset . = 12
 Minimum gövde donatı çapı \emptyset . = 12
 Minimum etriye donatı çapı \emptyset . = 8
 Pilye açısı..... $^{\circ}$. = 45
 Minimum gövde demirsiz kiriş yüksekliği.....cm.= 59
 Minimum düz ve montaj demir aralığıcm.= 20
 Kayma donatısı beton katılım oranı.....= .8
 Süreklilik için max. kolon genişliği.....cm.= 200
 Minimum montaj donatı oranı(% maxAs). = .25
 Maksimum etriye aralığı..S.....cm.= 20
 Minimum etriye aralığı..S.....cm.= 10
 Maksimum etriye aralığı. Sk.(1).....cm.= 15
 Maksimum etriye aralığı. Sk.(2).....= d/4
 Maksimum etriye aralığı. Sk.(3).....= $\emptyset \times 8$
 Maksimum tek etriye genişliğicm.= 40
 min.(alt As/üst As)= .5
 min.üst As== 0.8 x fctd / fyd
 min Lb =.....= $\emptyset \times 50$
 Alt ilaveye, düz donatıları L/4 uzatarak katılımı.....= Hayır
 Üst ilaveye, montaj donatı. L/4 uzatarak katılımı.....= Hayır

KOLON-PERDE BETONARME OPSİYONLARI



KOLON ve PERDELERİN betonarme opsiyonlari :

Etriye paspayı / Boyuna donatı paspayıcm.= 2.5 / 4

Min.kolon çekme bölgesi.....= .002

Min.kolon toplam kesit= .01

Kolon eksenel yük eksantirisite etkisinin alınması..= evet

Minimum etriye aralığı.....cm.= 10

Maximum etriye aralığı.(1).....cm.= 15

Maximum etriye aralığı (2).....min.= $\emptyset \times 12$

Minimum çiroz aralığı.....min.= $\emptyset \times 25$

Minimum donatı çapı= 16

Minimum etriye çapı= 8

Perde/Kolon oranı (D/B).....= 6

Perde uzun etriyelerinde gönye.....= Gönyeli

Nervürlü etriye kanca açısı..... (90°,135°)= 135

min.Hcr yüksekliği< D x 2

max.Hcr yüksekliği>= D x 1

max.Hcr yüksekliği>= Hw/6

Min.başlık bölgesi.(Hcr).....= .002

Min.başlık bölgesi.....= .001

Min.gövde bölgesi.....= .002

Min.başlık bölgesi.....Lu= 20 cm

Min.başlık bölgesi.(Hcr).....Lu=B x 2

Min.başlık bölgesi.(Hcr).....Lu=D x .2

Min.başlık bölgesi.....Lu=B x 1

Min.başlık bölgesi.....Lu=D x .1

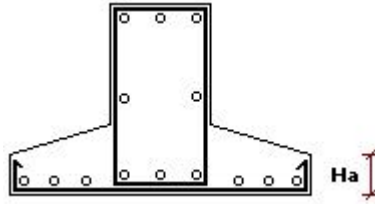
Başlık bölgesi min. donatı çapı= 14

Gövde bölgesi min. donatı çapı= 12

Perdelerde tasarım eğilme momenti.....= Evet

Kolonlarda minimum iki demir aralığı.....cm.= 4.0

TEMEL BETONARME OPSİYONLARI



Etriye paspayı / Boyuna donatı paspayıcm.= 5.5 / 7

Min. çekme bölgesi TS500-2000 (As min=0,8.fctd/fyd).= 0.0028

Min. toplam kesit= .005

Minimum basınç bölgesi donatı oranı= .333

Pilye açısı.....= 60

Minimum etriye aralığı.....cm.= 10

Maximum etriye aralığı.....cm.= 20

Maximum etriye genişliği.....cm.= 60

Minimum düz ve montaj demir aralığıcm.= 20

Temelde, Kolon donatı filiz boyu.....cm.= 50

Müt. temel min. etriye çapı.....= 8

Müt. temel min. düz ve pilye çapı.....= 12

Müt. temel min. montaj çapı.....= 12

Müt. temel min. gövde çapı.....= 12

Temel min. ampatman çapı.....= 12

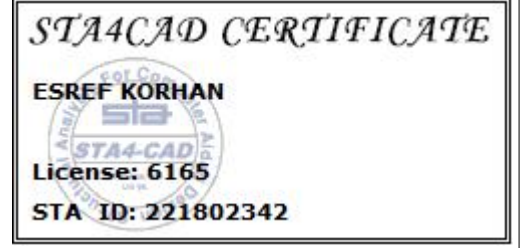
Ampatman kenar yüksekliği.(Ha).....cm.= 20



STA4-CAD PROGRAMI

ÇOK KATLI BETONARME YAPILARIN STATİK ve BETONARME ANALİZ PROGRAMI Ver.14.1 Rev.(5.12.2025)

PROJE İSMİ.....: havuz
 KAT ADEDİ.....: 1
 Bir kattaki KOLON SAYISI.....: 12
 X yönü aks sayısı.....: 3
 Y yönü aks sayısı.....: 7
 DEPREM YER HAREKETİ DÜZEYİ.....: DD2 50 yılda aşılma olasılığı %10
 ZEMİN SINIFI.....: ZD
 BİNA KOORDİNATI..... (ENLEM/BOYLAM) : 41.20539° / 27.88882°
 YEREL SPECTRAL İVME KATSAYISI..... S_s/S₁ : 0.752 / 0.208
 YAPI DAVRANIŞ KATSAYISI R : 1.00
 SİSTEM DAYANIM FAZLALIĞI KATSAYISI..... D ...: 3
 SPEKTRUM KAREKTERİSTİK PERYODU..... (Ta/Tb) : 0.101 / 0.504
 HAREKETLİ YÜK KATSAYISI.....(n)...: 0.3
 SIFIR RÖLATİF HAREKET YÜKSEKLİĞİ..... (m)...: 0.00
 HAREKETLİ YÜK AZALTMA KATSAYISI.....(Cz)...: 1.0
 ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİ. (t/m²)...: 13.0
 ZEMİN YATAK KATSAYISI..... (t/m³)...: 509.0
 BETON YOĞUNLUĞU.....(t/m³)...: 2.5
 GENLEŞME ISI FARKI.....(°C)...: 0.0
 STATİK ANALİZ YÖNTEMİ: FRAME3D LINEER ANALİZ
 DEPREM STANDARDI: TBDY2018 CODE
 BETONARME HESAP YÖNTEMİ: TAŞIMA GÜCÜ YÖNTEMİ TS500-2000
 BETONARME KESİT DONATI HESAP YÖNTEMİ: BRÜT KESİTE GÖRE
 DEPREM HESABI YÖNTEMİ: MOD SÜPERPOZİSYONU İLE MODAL ANALİZ
 TEMEL ANALİZ OPSİYONU.....: TÜM TEMEL DEPLASMANLARI DİKKATE ALINMASI
 Zemin gerilmesi hareketli yük azaltma değeri..: 1.00
 Kolonun oturduğu kiriş tesir çarpanı.....: Düşey deprem analizi yapılmıştır.
 Kiriş & Kolon rijitlik bölgesi opsiyonu.....: Yarı Sonsuz Rijit davranış
 Kiriş uçlarında elastik ankastrelik opsiyonu : Elastik ankastre



ÇATLAMIS KESİT ETKİN KESİT RİJİTLİĞİ BİLGİLERİ

Elemanlar	Eğilme	Eksenel	Lokal X kesme	Lokal Y kesme
Perde	0.25	0.50	0.50	1.00
Bodrum perdesi	0.50	0.80	0.50	1.00
Döşeme	0.25	0.25	0.25	1.00
Çerçeve kirişi	0.35	1.00	1.00	1.00
Çerçeve kolonu	0.70	1.00	1.00	1.00
Bağ kirişi	0.15	1.00	1.00	1.00
Perde çubuk	0.50	1.00	0.50	0.50

BETON ve ÇELİK MALZEME BİLGİLERİ

(kg/cm²)

Yapı Elemanı		Malzeme	Elastisite Modülü E G		Beton dayanım gerilmesi	Çelik akma (Genel)	gerilmesi (Etriye)	Birim Ağırlık t/m³
Plak/Nervür	E1	C30	318000	127200	300	4200	4200	2.50
HNP		C30	318000	127200	300	4200	4200	2.50
Temel	E1	C30	318000	127200	300	4200	4200	2.50
Kiriş\Kolon	E1	C30	318000	127200	300	4200	4200	2.50

HNP : Hazır Nervürlü Plak

TAŞIMA GÜCÜ MALZEME KATSAYILARI	BETON 1.50	ÇELİK 1.15
TAŞIMA GÜCÜ YÜK KATSAYILARI	SABİT YÜK 1.40	HAREKETLİ YÜK 1.60



BETONARME HESAP YÜK KOMBİNASYONU

Ölü yük Cg	Hareketli yük Cq	Zemin Cs	Deprem ± Ce	Rüzgar ± Cw	Isı Ct
1.40	1.60	0.00	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00	0.00
1.00	1.20	0.00	0.00	0.00	1.20
1.00	1.00	0.00	1.00	0.00	0.00
1.00	1.00	1.00	1.00	0.00	0.00
0.90	0.00	0.00	1.00	0.00	0.00
1.00	1.30	0.00	0.00	1.30	0.00
1.00	1.30	1.00	0.00	1.30	0.00
0.90	0.00	0.00	0.00	1.30	0.00
0.90	0.00	0.90	0.00	1.30	0.00

TBDY2018 Düşey Deprem Kombinasyonu : G + Q + 0.2 S + Edh + 0.3 Edz, 0.9 G + H + Edh - 0.3 Edz
CODE:TS500T.COD

ZEMİN GERİLMESİ YÜK KOMBİNASYONU $q_0 < q_t$

ZEMİN GERİLMESİ OPSİYONU:ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİ

Ölü yük Cg	Hareketli yük Cq	Zemin Cs	Deprem ± Ce	Rüzgar ± Cw	Isı Ct
1.40	1.60	0.00	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00	0.00
1.00	1.20	0.00	0.00	0.00	1.20
1.00	1.00	0.00	1.00	0.00	0.00
1.00	1.00	1.00	1.00	0.00	0.00
0.90	0.00	0.00	1.00	0.00	0.00
1.00	1.30	0.00	0.00	1.30	0.00
1.00	1.30	1.00	0.00	1.30	0.00
0.90	0.00	0.00	0.00	1.30	0.00
0.90	0.00	0.90	0.00	1.30	0.00

ZEMİN GERİLMESİ HAREKETLİ YÜK AZALTMA DEĞERLERİ

Kat	1	2	3	4	5	6	7	8	9	10
Eksiltme %				20	40	60	80	80	90	40

RÜZGAR YÜKÜ VE KATSAYILARI

RÜZGAR YÜKÜ BASINÇ KATSAYISI : 0.8

RÜZGAR YÜKÜ EMME KATSAYISI : 0.4

Yükseklik bölgesi	H	Qw
1. bölge	8.00	0.05
2. bölge	20.00	0.08
3. bölge	100.00	0.11

YAPI AKS BİLGİLERİ

X yönü aks bilgileri

no	isim	Ax	Bx
1	1	0.00	-0.10
2	2	0.00	3.80
3	3	0.00	7.70

Y yönü aks bilgileri

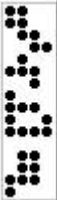
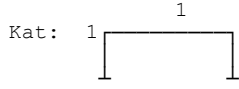
no	isim	Ay	By
1	A	0.00	-0.10
2	B	0.00	5.40
3	C	0.00	10.80
4	D	0.00	16.20
5	E	0.00	21.70
6		0.00	23.20
7		0.00	-1.60

1. KAT KOLONLARI AKS BİLGİLERİ

Kolon no	X aksı	Y aksı	dx	dy	alt yük.
101	1X	1Y	-0.1	-0.1	0.00
103	3X	1Y	0.1	-0.1	0.00
105	3X	2Y	0.1	0.0	0.00
107	3X	3Y	0.1	0.0	0.00
109	3X	4Y	0.1	0.0	0.00
111	2X	5Y	0.0	0.1	0.00

Kolon no	X aksı	Y aksı	dx	dy	alt yük.
102	2X	1Y	0.0	-0.1	0.00
104	1X	2Y	-0.1	0.0	0.00
106	1X	3Y	-0.1	0.0	0.00
108	1X	4Y	-0.1	0.0	0.00
110	1X	5Y	-0.1	0.1	0.00
112	3X	5Y	0.1	0.1	0.00

KAT DIYAFRAMLARI



DEPREM RAPORU

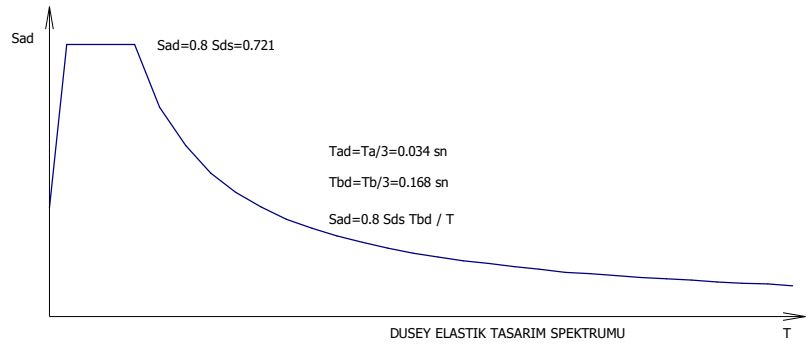
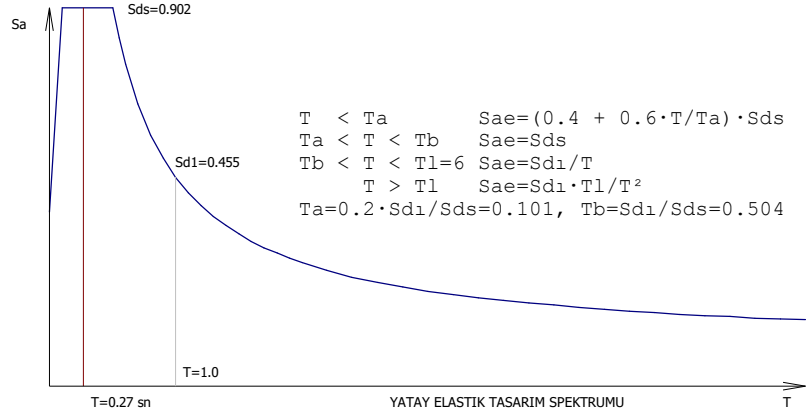
DEPREM STANDARDI : TBDY2018 CODE
 DEPREM ANALİZİ : MOD SÜPERPOZİSYONU İLE MODAL ANALİZ
 DEPREM YER HAREKETİ DÜZEYİ : DD2 50 yılda aşılma olasılığı %10
 ZEMİN SINIFI : ZD
 BİNA KOORDİNATI (ENLEM/BOYLAM) : 41.20539° / 27.88882°
 YEREL SPECTRAL İVME KATSAYISI S_s/S_1 : 0.752 / 0.208
 TASARIM SPECTRAL İVME KATSAYISI S_{ds}/S_{d1} : 0.902 / 0.455 DD2, 0.406 / 0.193 DD3
 YAPI DAVRANIŞ KATSAYISI R : 1.00 TÜMÜ YS. ÇERÇEVELİ YAPILAR - A11
 SİSTEM DAYANIM FAZLALIĞI KATSAYISI D : 3
 DEPREM TASARIM SINIFI DTS : 1
 BİNA YÜKSEKLİK SINIFI BYS : 8 $H_n=5.0m$
 BİNA KULLANIM SINIFI BKS : 3 $I = 1.0$
 Modal Analiz min. deprem yükü oranı β : 0.9
 Deprem yükü eksantirisitesi : 0.050
 Deprem modal analiz CQC sönüm oranı : %5
 PERFORMANS HEDEFLERİ :
 DD2 } Normal Performans Hedefi : KH (Kontrollü Hasar)
 Değerlendirme/Tasarım : DGT (Dayanıma Göre Tasarım)

DİYAFRAM SAYISI : 1
 Diyafram tanımı : KAT(diyafram no)

DİNAMİK ANALİZ BİLGİLERİ

TASARIM SPECTURUM BİLGİSİ (TBDY 2018 SPEKTRUM)

T (s)	Sa
0.00	0.361
0.10	0.901
0.50	0.901
0.55	0.820
0.60	0.752
0.70	0.646
0.80	0.565
0.90	0.503
1.00	0.453
1.10	0.412
1.20	0.378
1.30	0.349
1.40	0.324
1.50	0.302
1.60	0.283
1.70	0.267
1.80	0.252
1.90	0.239
2.00	0.227
2.20	0.206
2.40	0.189
2.60	0.175
2.80	0.162
3.00	0.151
3.20	0.142
3.40	0.134
3.60	0.126
3.80	0.120
4.00	0.114
4.20	0.108
4.40	0.103
4.60	0.099
4.80	0.095
5.00	0.091
5.20	0.087
5.40	0.084
5.60	0.081
5.80	0.078
6.00	0.076

Düsey deprem etkisi hesabında tüm taşıyıcı sistemler için $R/I = 1$ ve $D = 1$ alınacaktır.

$$R_a(T) x = 1.936 \quad R_a(T) y = 2.866 \quad T < T_b \Rightarrow R_a(T) = D + (R / I - D) * T / T_b$$

MODAL ANALİZ - YAPI PERİYOD ve VEKTORLERİ

Mod	1.mod	2.mod	3.mod
ω	23.42	87.84	186.03
T	0.2683	0.0715	0.0338
yön	x	b	y
1/1x	0.17616	0.00003	0.00000
1/1y	0.00000	0.00170	0.17615
1/1b	0.00000	0.01484	-0.00014

Mxr%	100.000	0.000	0.000
Myr%	0.000	0.009	99.991
Mbr%	0.000	99.991	0.009

$$\Sigma=100.0$$

$$\Sigma=100.0$$

$$Mr = \sum (mi \cdot \Phi xir^2 + mi \cdot \Phi yir^2 + m\theta i \cdot \Phi \theta ir^2)$$

$$Mxr = \sum [(\sum m \cdot \Phi)^2 / Mr] = \%100.00 > \%95.00$$

Dinamik kütle oranı yeterli.

$$Myr = \sum [(\sum m \cdot \Phi)^2 / Mr] = \%100.00 > \%95.00$$

Dinamik kütle oranı yeterli.

EŞDEĞER DEPREM HESABI 1. DOĞAL TİTREŞİM PERİYODUNUN KONTROLÜ

$$Hn=5.0m \quad Ctx=0.1 \quad Cty=0.1$$

$$Tlx=Ctx \cdot Hn^{3/4}$$

$$Tlx=Ctx \cdot Hn^{3/4} = 0.334 \text{ s.}, T_x = 0.268 \text{ s.} < 1.4 \times 0.334 \text{ s.} >> T_{x1}=0.268 \text{ s.}$$

$$Tly=Cty \cdot Hn^{3/4}$$

$$Tly=Cty \cdot Hn^{3/4} = 0.334 \text{ s.}, T_y = 0.034 \text{ s.} < 1.4 \times 0.334 \text{ s.} >> T_{y1}=0.034 \text{ s.}$$

YAPI BURULMA KÜTLE ATALET MOMENTİ $J_{mass} = (I_x + I_y) / A$

Kat	A (m ²)	I _x (m ⁴)	I _y (m ⁴)	X _g (m)	Y _g (m)	J _{mass} (m ²)
1	23.40	3180.29	118.64	3.80	10.80	140.98

KAT KÜTLESİ ve RİJİTLİK MERKEZİ (t)

Kat (dyf)	H (m)	W _g	W _q	n	R _{Rx/Ry}	D _{Dx/Dy}	X _g (m)	X _r (m)	Y _g (m)	Y _r (m)	Σ W _k
1	5.00	318.74	11.73	0.30	1	3	3.89	3.80	10.78	10.80	322.262

$$\Sigma W_t = 322.262$$

EŞDEĞER DEPREM FORMÜLÜ

$$F_{di} = (V_t - F_t) \frac{W_i \cdot H_i}{\Sigma W_i \cdot H_i}$$

DEPREM KUVVETİ (t)

$$\text{Deprem tepe yükü } F_{tx} = 1.13 \quad F_{ty} = 0.46 \quad (t)$$

X YÖNÜ

Y YÖNÜ

Kat no	Modal Analiz	Eşdeğer dep.yön.	Deprem yükü	Kat tipi	Modal Analiz	Eşdeğer dep.yön.	Deprem yükü	Kat tipi
1	150.061	150.061	150.061	UST KAT	60.905	60.910	60.905	UST KAT
Σ	150.061	150.061	150.061	GENEL	60.905	60.910	60.905	GENEL

$$V_{tx} = 150.06 > 0.04 \cdot I \cdot S_{ds} \cdot W = 11.62 \quad \text{TBDY2018 4.7.1.1}$$

$$V_{ty} = 60.91 > 0.04 \cdot I \cdot S_{ds} \cdot W = 11.62$$

$$X \text{ Deprem kontrol: } 0.90 \times 150.061 = 135.055 < 150.061 >>> 150.061$$

$$Y \text{ Deprem kontrol: } 0.90 \times 60.910 = 54.819 < 60.905 >>> 60.905$$

Rüzgar kuvvetleri (t)

Kat (dyf)	X-yönü F	X-yönü e _y _m	Y-yönü F	Y-yönü e _x _m
1	7.440	3.800	2.340	10.800

Kat Deprem deplasmanları

Kat (dyf)	9. yükleme		10. yükleme		11. yükleme		12. yükleme	
	δ _x (m)	θ _z (rad)	δ _x (m)	θ _z (rad)	δ _y (m)	θ _z (rad)	δ _y (m)	θ _z (rad)
1	0.0084924	0.0000052	0.0084924	-0.000005	-0.000054	-0.000000	-0.000054	0.0000005

$$\text{Deprem yapı salınımları: } x = 0.00170 \quad y = 0.00001$$

DEPREM PERDELERİ TABAN MOMENT KONTROLÜ

Kat deprem momenti (tm)

Kat	H (m)	F _x	F _x · H	H (m)	F _y	F _y · H
1	5.00	150.06	750.30	5.00	60.90	304.52

$$150.06$$

$$750.30$$

$$60.90$$

$$304.52$$

Perde taban momenti (tm)

M : Perde ve Panel deprem momenti

ΣMk : Perdelerde; bağlı olduğu kirişlerin deprem momentlerinin toplamı

Panellerde ise; başlık kolonlarından oluşan deprem momentlerinin toplamıdır.

Perde	Mx	Σ Mxk =	Σ Mxr	M/Mo<1/3	My	Σ Myk =	Σ Myr	M/Mo<1/3
P111	96.51	75.28	171.79	0.229 ✓	-	-	-	-
P112	96.51	67.45	163.96	0.219 ✓	-	-	-	-
P113	106.65	86.79	193.44	0.258 ✓	-	-	-	-
P114	106.65	78.03	184.68	0.246 ✓	-	-	-	-
P115	-	-	-	-	16.65	16.12	32.78	0.108 ✓
P116	-	-	-	-	19.17	18.72	37.89	0.124 ✓
P117	-	-	-	-	19.17	18.70	37.87	0.124 ✓
P118	-	-	-	-	16.65	15.25	31.91	0.105 ✓
P119	-	-	-	-	17.79	19.20	36.99	0.121 ✓
P120	-	-	-	-	20.42	22.28	42.70	0.140 ✓
P121	-	-	-	-	20.41	22.27	42.68	0.140 ✓
P122	-	-	-	-	17.87	18.23	36.11	0.119 ✓

TOPLAM

713.86

298.92

Perde taban moment oranı :

X yönü $\alpha_m = 713.86 / 750.3 = 0.95$ Y yönü $\alpha_m = 298.92 / 304.52 = 0.98$ Deprem perde taban devrilme oranı $M_{dev}/M_o = 0.95$

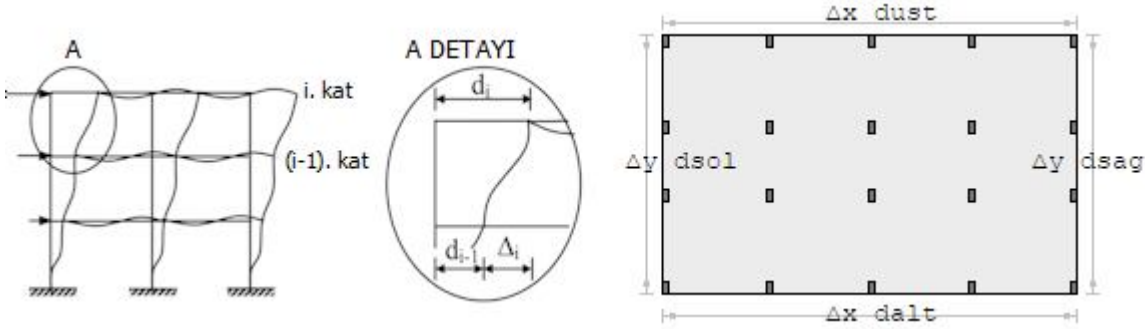
Bina Taşıyıcı Sistem seçimi : Süneklilik düzeyi Yüksek taşıyıcı sistem

Hn= 5.0m >> BYS=8

TBDY2018 4.3.4.3 koşulu sağlanmaktadır. BYS=8 ≥ 3 ✓

Kenar aks perdesi bulunmamıştır.

Boşluklu perde bulunmamıştır

DEPREMDE YAPI DÜZENSİZLİKLERİNİN KONTROLÜ**A1,B2 düzensizliklerinin kontrolü** $d_i = R/I \cdot \Delta_i$, $K=1$, $T_x=0.268s$, $T_y=0.034s$ $\lambda_x = S_a(T_x, DD3) / S_a(T_x, DD2) = 0.406 / 0.902 = 0.450$ $\lambda_y = S_a(T_y, DD3) / S_a(T_y, DD2) = 0.249 / 0.542 = 0.459$ $\lambda_x \cdot X_{\max}(d_i/h_i) \leq 0.008 \cdot K = 0.008$ $\lambda_y \cdot Y_{\max}(d_i/h_i) \leq 0.008 \cdot K = 0.008$ $Ch=0.5$, $D=3.00$, $R=1.00$ $\theta_{pi} = [ort(\Delta_i) \cdot \sum w_k] / (V_i \cdot h_i) \leq 0.12 \cdot D / (Ch \cdot R) \Rightarrow \max \theta_{pi} = 0.720$ 1. kat X düst = $0.0084924 + 0.0000052 \times (.1 - 10.8) = 0.0084367$ (S102)1. kat X dalt = $0.0084924 + 0.0000052 \times (21.5 - 10.8) = 0.0085481$ (S111)**X YÖNÜ (+%5)**

Kat	ΔX düst(m)	ΔX dalt(m)	ΔX ort	nbi	nki	$\lambda \cdot R / I \cdot \Delta x / h$	θ_i	kat tipi
1	0.0084367» S102	0.0085481» S111	0.0084924	1.01	0.00	0.00077 ✓	0.00366 ✓	Üst kat

X YÖNÜ (-%5)

Kat	ΔX düst(m)	ΔX dalt(m)	ΔX ort	nbi	nki	$\lambda \cdot R / I \cdot \Delta x / h$	θ_i	kat tipi
1	0.0085503» S102	0.0084345» S111	0.0084924	1.01	0.00	0.00077 ✓	0.00366 ✓	Üst kat

Y YÖNÜ (+%5)

Kat	ΔY düst(m)	ΔY dalt(m)	ΔY ort	nbi	nki	$\lambda \cdot R / I \cdot \Delta y / h$	θ_i	kat tipi
1	0.0000515» S101	0.0000577» S103	0.0000546	1.06	0.00	0.00001 ✓	0.00006 ✓	Üst kat

Y YÖNÜ (-%5)

Kat	ΔY düst(m)	ΔY dalt(m)	ΔY ort	nbi	nki	$\lambda \cdot R/I \cdot \Delta y/h$	θ_i	kat tipi
1	0.0000566» S101	0.0000527» S103	0.0000546	1.04	0.00	0.00001 ✓	0.00006 ✓	Üst kat

TBDY2018-4.9.3.1 Maksimum Deprem deplasmanı ve minimum deprem derzi (mm)

 $\alpha = 0.5$ (R/I)= 0.500

Kat	Hi (m)	uiX	uiY	min. diX	min. diY
1	5.000	8.5	0.1	30.0	30.0

Hi≤6m min.di=30mm

Hi> 6m min.di=30+10·[(Hi-6)/3] mm

TBDY 3.6.2.1 A1 burulma düzensizliği:

nbi=1.056 <1.2 , modal analizle çözülmüştür ✓

TBDY 3.6.2.1 B2 düzensizliği sağlanmaktadır. ✓

TBDY 4.9.1.3 kosulu sağlanmaktadır. Xmax(di/hi)= 0.0008<0.008 ✓ Ymax(di/hi)= 0<0.008 ✓

TBDY 4.36 koşulu sağlanmaktadır. max θ_i =0.004 < 0.720 ✓**B1-Düşey doğrultudaki düzensizliklerinin kontrolü**

Kat	Aw	Agx	Agy	Akx	Aky	Σ Aex	Σ Aey	ncix	nciy	AÇIKLAMA
1	3.84	4.96	14.24	0.00	0.00	8.80	18.08	1.00	1.00	üst kat ✓

Ba=Bax+0.3×Bay, Ba=0.3×Bax+Bay :

Kirişlerde, Kolonlarda; (Ba=Bax+0.3×Bay, Ba=0.3×Bax+Bay) düzeltmesi yapılmıştır.

Deprem yüklerinin tümünün perdeler tarafından taşınması kontrolü TBDY2018 7.6.1.3

(Tunel kalıp için)

Yapıda Perde oranı kontrolü $V_t/Ag < 0.5 \cdot f_{ctd} = 63.51$ (t/m²)

Kat	Ap	Agx Perde	Agx Başlık	Agy Perde	Agy Başlık	Vtx	Vty	Vtx/Agx	Vty/Agy
1		4.96	1.92	14.24	1.92	150.06	60.90		UST KAT

23.40

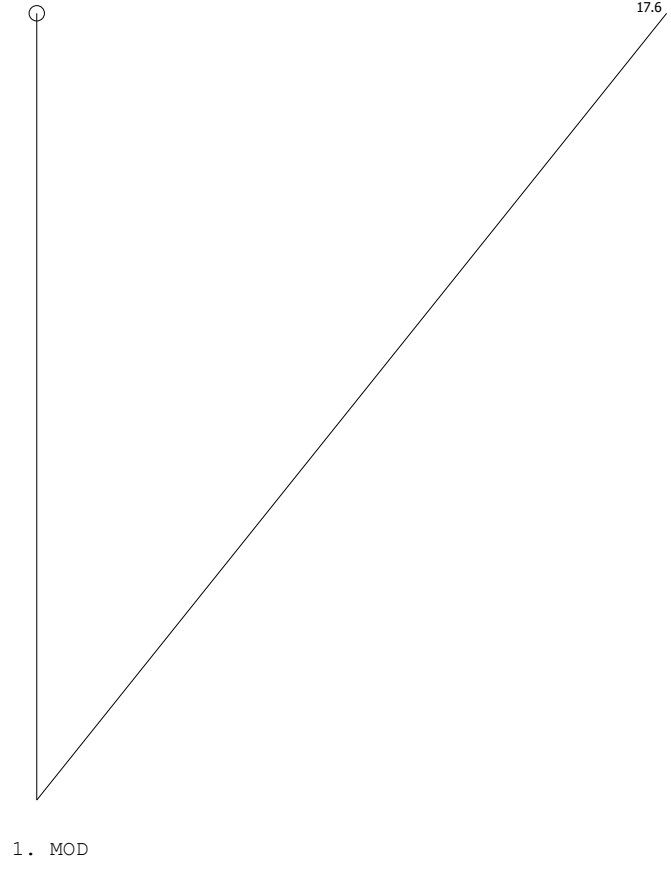
6.88

16.16

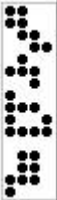
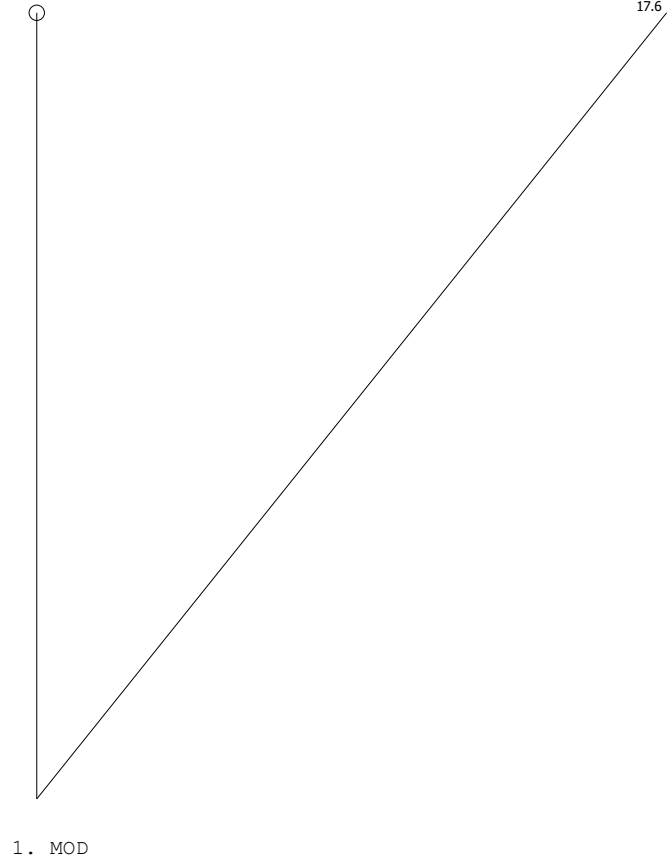
 $\Sigma Ag/\Sigma Ap = 6.88/23.4 = 0.2941 > 0.002$ ✓ $\Sigma Ag/\Sigma Ap \geq 0.002$, $V_t/\Sigma Ag \leq 0.5 \cdot f_{ctd}$ ✓ Perde gövde pirsantajı 0.002 alınabilir. bw≥20cm, h/16

MODAL ANALİZ MOD GRAFİĞİ (1000 x Dep. vektörü)

X yönü



Y yönü



NOKTA DEPLASMANLARI

Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
1	1. (G+G+G+G)	0.00000000	0.00000000	3.82795700	-0.04702055	-0.01571912
1	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.00069530	-0.03967661	-0.00166579
1	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20224890	0.02616096	-0.00163632
1	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.20724820	-0.06591553	0.00002369
1	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.19954990	-0.06587415	0.00020392
1	6. (o+Q+Q+o)	0.00000000	0.00000000	0.21153320	0.01955006	-0.00296464
1	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.02198192	-0.03318505	-0.00046455
1	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
1	X-Deprem+%5	0.00000000	0.00000000	-5.80365500	-1.57335200	0.02401233
1	X-Deprem-%5	0.00000000	0.00000000	-5.84516000	-1.58384700	0.02768404
1	Y-Deprem+%5	0.00000000	0.00000000	0.00096267	-0.00024021	-0.00023018
1	Y-Deprem-%5	0.00000000	0.00000000	0.00626104	0.00109950	-0.00069888
1	X-Ruzgar	0.00000000	0.00000000	-0.28875340	-0.07826170	-0.00127973
1	Y-Ruzgar	0.00000000	0.00000000	0.00016261	0.00002254	-0.00001996
2	1. (G+G+G+G)	0.00000000	0.00000000	4.03790500	-0.06407172	-0.02567368
2	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.14830540	-0.03981199	-0.00234673
2	3. (o+Q+o+Q)	0.00000000	0.00000000	0.10646100	0.02587591	-0.00154854
2	4. (Q+o+Q+o)	0.00000000	0.00000000	0.03639509	-0.06575128	-0.00073737
2	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.04398528	-0.06575228	-0.00057633
2	6. (o+Q+Q+o)	0.00000000	0.00000000	0.14055620	0.01923659	-0.00320082
2	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.10117070	-0.03323506	-0.00079467
2	Zemin itkisi	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	X-Deprem+%5	0.00000000	0.00000000	0.00033098	-1.56750900	0.00002618
2	X-Deprem-%5	0.00000000	0.00000000	0.00037495	-1.57939500	0.00002132
2	Y-Deprem+%5	0.00000000	0.00000000	0.00298006	-0.00094373	-0.00067380
2	Y-Deprem-%5	0.00000000	0.00000000	0.00297445	0.00057354	-0.00067318
2	X-Ruzgar	0.00000000	0.00000000	0.00001748	-0.07800580	0.00000118
2	Y-Ruzgar	0.00000000	0.00000000	0.00011436	-0.00000028	-0.00002587
3	1. (G+G+G+G)	0.00000000	0.00000000	4.30157600	-0.08127013	-0.01794024
3	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29534030	-0.03998822	-0.00212027
3	3. (o+Q+o+Q)	0.00000000	0.00000000	0.01091212	0.02566595	-0.00084366
3	4. (Q+o+Q+o)	0.00000000	0.00000000	0.27920240	-0.06570318	-0.00122523
3	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.28690800	-0.06574653	-0.00104504
3	6. (o+Q+Q+o)	0.00000000	0.00000000	0.06907900	0.01908357	-0.00256857
3	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.22424200	-0.03341152	-0.00052416
3	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
3	X-Deprem+%5	0.00000000	0.00000000	5.80432300	-1.57334900	-0.02395712
3	X-Deprem-%5	0.00000000	0.00000000	5.84591600	-1.58384500	-0.02763866
3	Y-Deprem+%5	0.00000000	0.00000000	0.00756017	-0.00142724	-0.00081392
3	Y-Deprem-%5	0.00000000	0.00000000	0.00225071	-0.00008747	-0.00034397
3	X-Ruzgar	0.00000000	0.00000000	0.28878860	-0.07826158	-0.00127723
3	Y-Ruzgar	0.00000000	0.00000000	0.00016458	-0.00002307	-0.00002013
4	1. (G+G+G+G)	0.00000000	0.00000000	3.75676100	-0.01665183	-0.00953859
4	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.00600349	-0.03819771	-0.00066485
4	3. (o+Q+o+Q)	0.00000000	0.00000000	0.19482760	0.02699338	-0.00112296
4	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.20628210	-0.06530997	0.00049479
4	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.19761760	-0.06519771	0.00071157
4	6. (o+Q+Q+o)	0.00000000	0.00000000	0.19765830	0.02071389	-0.00233511
4	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.02294972	-0.03214936	0.00036720
4	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
4	X-Deprem+%5	0.00000000	0.00000000	-5.69624900	-1.57984600	0.01541019
4	X-Deprem-%5	0.00000000	0.00000000	-5.71808600	-1.58513700	0.01956373
4	Y-Deprem+%5	0.00000000	0.00000000	-0.00008706	-0.00012156	0.00008047
4	Y-Deprem-%5	0.00000000	0.00000000	0.00270058	0.00055393	-0.00044974
4	X-Ruzgar	0.00000000	0.00000000	-0.28295040	-0.07845727	0.00086494
4	Y-Ruzgar	0.00000000	0.00000000	0.00006275	0.00001135	-0.00000948
5	1. (G+G+G+G)	0.00000000	0.00000000	4.21984100	-0.11179910	-0.01121041
5	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.28622490	-0.04086027	-0.00125905
5	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00723282	0.02490010	-0.00053124
5	4. (Q+o+Q+o)	0.00000000	0.00000000	0.27400150	-0.06576862	-0.00069244
5	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.28267290	-0.06588279	-0.00047574
5	6. (o+Q+Q+o)	0.00000000	0.00000000	0.05690795	0.01824390	-0.00213545
5	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.22288770	-0.03409816	0.00016381
5	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
5	X-Deprem+%5	0.00000000	0.00000000	5.69719600	-1.57986100	-0.01535692
5	X-Deprem-%5	0.00000000	0.00000000	5.71907100	-1.58515300	-0.01952017
5	Y-Deprem+%5	0.00000000	0.00000000	0.00337922	-0.00072139	-0.00058023
5	Y-Deprem-%5	0.00000000	0.00000000	0.00058692	-0.00004585	-0.00004879
5	X-Ruzgar	0.00000000	0.00000000	0.28299830	-0.07845805	-0.00086254
5	Y-Ruzgar	0.00000000	0.00000000	0.00006363	-0.00001170	-0.00000969
6	1. (G+G+G+G)	0.00000000	0.00000000	3.72852100	-0.00505011	0.00001153
6	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.00431633	-0.03740259	0.00137451
6	3. (o+Q+o+Q)	0.00000000	0.00000000	0.19167260	0.02730914	0.00000673
6	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.20133470	-0.06484616	0.00136785
6	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.19132190	-0.06470507	0.00166579
6	6. (o+Q+Q+o)	0.00000000	0.00000000	0.18840040	0.02123429	-0.00107144
6	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.01640270	-0.03160325	0.00215483
6	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000



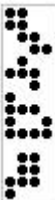
NOKTA DEPLASMANLARI

Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
6	X-Deprem+%5	0.00000000	0.00000000	-5.65914800	-1.58365400	-0.00204123
6	X-Deprem-%5	0.00000000	0.00000000	-5.65914500	-1.58365200	0.00215637
6	Y-Deprem+%5	0.00000000	0.00000000	-0.00000131	-0.00000214	0.00021195
6	Y-Deprem-%5	0.00000000	0.00000000	-0.00000172	-0.00000232	-0.00032388
6	X-Ruzgar	0.00000000	0.00000000	-0.28058030	-0.07851748	0.00000077
6	Y-Ruzgar	0.00000000	0.00000000	-0.00000006	-0.00000009	-0.00000456
7	1. (G+G+G+G)	0.00000000	0.00000000	4.18694900	-0.12346070	0.00002069
7	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.28389450	-0.04096854	0.00046478
7	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00572914	0.02460698	0.00000674
7	4. (Q+o+Q+o)	0.00000000	0.00000000	0.27327630	-0.06556827	0.00045812
7	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.28329530	-0.06571119	0.00075599
7	6. (o+Q+Q+o)	0.00000000	0.00000000	0.04765361	0.01801172	-0.00130326
7	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.22706190	-0.03422310	0.00147699
7	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
7	X-Deprem+%5	0.00000000	0.00000000	5.66033900	-1.58367100	0.00208504
7	X-Deprem-%5	0.00000000	0.00000000	5.66032100	-1.58367000	-0.00211854
7	Y-Deprem+%5	0.00000000	0.00000000	-0.00001331	-0.00000261	-0.00044950
7	Y-Deprem-%5	0.00000000	0.00000000	-0.00001100	-0.00000277	0.00008710
7	X-Ruzgar	0.00000000	0.00000000	0.28063900	-0.07851832	0.00000126
7	Y-Ruzgar	0.00000000	0.00000000	-0.00000046	-0.00000010	-0.00000455
8	1. (G+G+G+G)	0.00000000	0.00000000	3.75688300	-0.01666662	0.00956215
8	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.00740664	-0.03739221	0.00288332
8	3. (o+Q+o+Q)	0.00000000	0.00000000	0.19489470	0.02700088	0.00113374
8	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.19293820	-0.06451195	0.00171309
8	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.18108570	-0.06440297	0.00210213
8	6. (o+Q+Q+o)	0.00000000	0.00000000	0.18610520	0.02101682	0.00012696
8	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.00110634	-0.03163601	0.00346458
8	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
8	X-Deprem+%5	0.00000000	0.00000000	-5.71746100	-1.58505100	-0.01945028
8	X-Deprem-%5	0.00000000	0.00000000	-5.69561500	-1.57975700	-0.01529949
8	Y-Deprem+%5	0.00000000	0.00000000	0.00008575	0.00011709	0.00008578
8	Y-Deprem-%5	0.00000000	0.00000000	-0.00270280	-0.00055876	-0.00044408
8	X-Ruzgar	0.00000000	0.00000000	-0.28294080	-0.07845818	-0.00086351
8	Y-Ruzgar	0.00000000	0.00000000	-0.00006282	-0.00001153	-0.00000927
9	1. (G+G+G+G)	0.00000000	0.00000000	4.22006200	-0.11181590	0.01126212
9	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29134770	-0.04012384	0.00222773
9	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00730110	0.02489225	0.00054227
9	4. (Q+o+Q+o)	0.00000000	0.00000000	0.27905680	-0.06502430	0.00165026
9	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.29091500	-0.06513508	0.00203933
9	6. (o+Q+Q+o)	0.00000000	0.00000000	0.04298877	0.01848045	-0.00052376
9	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.23881210	-0.03360949	0.00286949
9	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
9	X-Deprem+%5	0.00000000	0.00000000	5.71890400	-1.58506300	0.01949682
9	X-Deprem-%5	0.00000000	0.00000000	5.69700000	-1.57976900	0.01533921
9	Y-Deprem+%5	0.00000000	0.00000000	-0.00338929	0.00071582	-0.00056808
9	Y-Deprem-%5	0.00000000	0.00000000	-0.00059320	0.00003998	-0.00003735
9	X-Ruzgar	0.00000000	0.00000000	0.28301100	-0.07845878	0.00086565
9	Y-Ruzgar	0.00000000	0.00000000	-0.00006392	0.00001148	-0.00000924
10	1. (G+G+G+G)	0.00000000	0.00000000	3.82821200	-0.04705196	0.01574959
10	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.02355733	-0.03804887	0.00334288
10	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20233630	0.02617610	0.00163199
10	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.18447140	-0.06430292	0.00165800
10	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.17052270	-0.06428380	0.00208520
10	6. (o+Q+Q+o)	0.00000000	0.00000000	0.18854190	0.02022338	0.00064529
10	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.01771063	-0.03219320	0.00384948
10	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
10	X-Deprem+%5	0.00000000	0.00000000	-5.84397800	-1.58366600	-0.02758042
10	X-Deprem-%5	0.00000000	0.00000000	-5.80246300	-1.57316800	-0.02391121
10	Y-Deprem+%5	0.00000000	0.00000000	-0.00096009	0.00023524	-0.00022422
10	Y-Deprem-%5	0.00000000	0.00000000	-0.00625960	-0.00110480	-0.00069260
10	X-Ruzgar	0.00000000	0.00000000	-0.28873570	-0.07826307	-0.00127830
10	Y-Ruzgar	0.00000000	0.00000000	-0.00016254	-0.00002273	-0.00001972
11	1. (G+G+G+G)	0.00000000	0.00000000	4.03827400	-0.06410430	0.02571132
11	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.16504660	-0.03801516	0.00373233
11	3. (o+Q+o+Q)	0.00000000	0.00000000	0.10651590	0.02587561	0.00151680
11	4. (Q+o+Q+o)	0.00000000	0.00000000	0.05308346	-0.06395411	0.00215506
11	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.06709711	-0.06395497	0.00260797
11	6. (o+Q+Q+o)	0.00000000	0.00000000	0.11459780	0.01987757	0.00058292
11	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.13750380	-0.03207961	0.00415283
11	Zemin itkisi	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	X-Deprem+%5	0.00000000	0.00000000	0.00084458	-1.57919600	0.00002990
11	X-Deprem-%5	0.00000000	0.00000000	0.00080023	-1.56730800	0.00002732
11	Y-Deprem+%5	0.00000000	0.00000000	-0.00295834	0.00093803	-0.00066694
11	Y-Deprem-%5	0.00000000	0.00000000	-0.00295268	-0.00057951	-0.00066661
11	X-Ruzgar	0.00000000	0.00000000	0.00004080	-0.07800771	0.00000142
11	Y-Ruzgar	0.00000000	0.00000000	-0.00011353	0.00000006	-0.00002562
12	1. (G+G+G+G)	0.00000000	0.00000000	4.30205600	-0.08130068	0.01799700



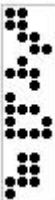
NOKTA DEPLASMANLARI

Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
12	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.30567890	-0.03847596	0.00318387
12	3. (o+Q+o+Q)	0.00000000	0.00000000	0.01100246	0.02565008	0.00083960
12	4. (Q+o+Q+o)	0.00000000	0.00000000	0.28945240	-0.06417498	0.00229311
12	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.30340740	-0.06419581	0.00272046
12	6. (o+Q+Q+o)	0.00000000	0.00000000	0.04173854	0.01949281	-0.00010303
12	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.25576390	-0.03234680	0.00364799
12	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
12	X-Deprem+%5	0.00000000	0.00000000	5.84567700	-1.58367400	0.02763513
12	X-Deprem-%5	0.00000000	0.00000000	5.80407400	-1.57317600	0.02396076
12	Y-Deprem+%5	0.00000000	0.00000000	-0.00751882	0.00142076	-0.00079835
12	Y-Deprem-%5	0.00000000	0.00000000	-0.00220815	0.00008072	-0.00032931
12	X-Ruzgar	0.00000000	0.00000000	0.28881780	-0.07826348	0.00128089
12	Y-Ruzgar	0.00000000	0.00000000	-0.00016297	0.00002281	-0.00001955
13	1. (G+G+G+G)	0.00000000	0.00000000	3.82484000	-0.04702169	-0.01572478
13	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.00657341	-0.03967674	-0.00166584
13	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20813490	0.02616106	-0.00163703
13	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.22043980	-0.06591575	0.00002436
13	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.21280530	-0.06587438	0.00020465
13	6. (o+Q+Q+o)	0.00000000	0.00000000	0.21662850	0.01955012	-0.00296570
13	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.02843296	-0.03318512	-0.00046427
13	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
13	X-Deprem+%5	0.00000000	0.00000000	-6.12790400	-1.57335200	0.02403909
13	X-Deprem-%5	0.00000000	0.00000000	-6.17297600	-1.58384700	0.02770619
13	Y-Deprem+%5	0.00000000	0.00000000	0.00100481	-0.00023991	-0.00022268
13	Y-Deprem-%5	0.00000000	0.00000000	0.00675838	0.00109979	-0.00069079
13	X-Ruzgar	0.00000000	0.00000000	-0.30491630	-0.07826173	0.00128094
13	Y-Ruzgar	0.00000000	0.00000000	0.00017502	0.00002255	-0.00001965
14	1. (G+G+G+G)	0.00000000	0.00000000	3.92587200	-0.05626707	-0.02184278
14	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.07108248	-0.03987662	-0.00207935
14	3. (o+Q+o+Q)	0.00000000	0.00000000	0.15732090	0.02598333	-0.00165485
14	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.09182842	-0.06592844	-0.00036656
14	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.08425233	-0.06590939	-0.00019855
14	6. (o+Q+Q+o)	0.00000000	0.00000000	0.17877300	0.01932302	-0.00316824
14	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.03646429	-0.03330384	-0.00067603
14	Zemin itkisi	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	X-Deprem+%5	0.00000000	0.00000000	-3.06022800	-1.57366600	0.01250250
14	X-Deprem-%5	0.00000000	0.00000000	-3.08339500	-1.58562500	0.01435615
14	Y-Deprem+%5	0.00000000	0.00000000	0.00168531	-0.00053615	-0.00049412
14	Y-Deprem-%5	0.00000000	0.00000000	0.00464263	0.00099042	-0.00073074
14	X-Ruzgar	0.00000000	0.00000000	-0.15228890	-0.07831283	0.00066491
14	Y-Ruzgar	0.00000000	0.00000000	0.00013487	0.00001560	-0.00002459
15	1. (G+G+G+G)	0.00000000	0.00000000	4.04302900	-0.06407174	-0.02565876
15	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.14877330	-0.03981204	-0.00234281
15	3. (o+Q+o+Q)	0.00000000	0.00000000	0.10676980	0.02587592	-0.00154623
15	4. (Q+o+Q+o)	0.00000000	0.00000000	0.03654197	-0.06575134	-0.00073573
15	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.04409993	-0.06575233	-0.00057466
15	6. (o+Q+Q+o)	0.00000000	0.00000000	0.14119500	0.01923658	-0.00319695
15	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.10132870	-0.03323509	-0.00079231
15	Zemin itkisi	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	X-Deprem+%5	0.00000000	0.00000000	0.00032575	-1.56750000	0.00002618
15	X-Deprem-%5	0.00000000	0.00000000	0.00037068	-1.57938600	0.00002132
15	Y-Deprem+%5	0.00000000	0.00000000	0.00311491	-0.00094365	-0.00067240
15	Y-Deprem-%5	0.00000000	0.00000000	0.00310917	0.00057349	-0.00067178
15	X-Ruzgar	0.00000000	0.00000000	0.00001724	-0.07800537	0.00000118
15	Y-Ruzgar	0.00000000	0.00000000	0.00011954	-0.00000029	-0.00002582
16	1. (G+G+G+G)	0.00000000	0.00000000	4.17585100	-0.07202634	-0.02299660
16	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.22640310	-0.03982771	-0.00232997
16	3. (o+Q+o+Q)	0.00000000	0.00000000	0.05636181	0.02583333	-0.00124172
16	4. (Q+o+Q+o)	0.00000000	0.00000000	0.16469860	-0.06571949	-0.00103124
16	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.17227860	-0.06574050	-0.00086326
16	6. (o+Q+Q+o)	0.00000000	0.00000000	0.10369480	0.01923511	-0.00295832
16	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.16614750	-0.03326692	-0.00072434
16	Zemin itkisi	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	X-Deprem+%5	0.00000000	0.00000000	3.06087900	-1.57366400	-0.01244913
16	X-Deprem-%5	0.00000000	0.00000000	3.08413600	-1.58562300	-0.01431249
16	Y-Deprem+%5	0.00000000	0.00000000	0.00537070	-0.00136187	-0.00078916
16	Y-Deprem-%5	0.00000000	0.00000000	0.00240188	0.00016474	-0.00055130
16	X-Ruzgar	0.00000000	0.00000000	0.15232330	-0.07831276	-0.00066250
16	Y-Ruzgar	0.00000000	0.00000000	0.00013596	-0.00001613	-0.00002468
17	1. (G+G+G+G)	0.00000000	0.00000000	4.32500300	-0.08126999	-0.01794756
17	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.30418500	-0.03998838	-0.00212110
17	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00611688	0.02566607	-0.00084363
17	4. (Q+o+Q+o)	0.00000000	0.00000000	0.29283150	-0.06570347	-0.00122607
17	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.30047370	-0.06574682	-0.00104584
17	6. (o+Q+Q+o)	0.00000000	0.00000000	0.06628989	0.01908363	-0.00256899
17	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.23113320	-0.03341162	-0.00052458
17	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
17	X-Deprem+%5	0.00000000	0.00000000	6.12854900	-1.57335000	-0.02398380



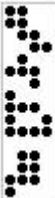
NOKTA DEPLASMANLARI

Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
17	X-Deprem-%5	0.00000000	0.00000000	6.17371300	-1.58384500	-0.02766074
17	Y-Deprem+%5	0.00000000	0.00000000	0.00816902	-0.00142752	-0.00080570
17	Y-Deprem-%5	0.00000000	0.00000000	0.00240386	-0.00008777	-0.00033633
17	X-Ruzgar	0.00000000	0.00000000	0.30495050	-0.07826161	-0.00127844
17	Y-Ruzgar	0.00000000	0.00000000	0.00017717	-0.00002308	-0.00001983
18	1. (G+G+G+G)	0.00000000	0.00000000	3.82510100	-0.04705279	0.01575178
18	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.01728481	-0.03804895	0.00334293
18	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20822400	0.02617623	0.00163248
18	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.19666840	-0.06430312	0.00165755
18	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.18254510	-0.06428401	0.00208481
18	6. (o+Q+Q+o)	0.00000000	0.00000000	0.19284440	0.02022349	0.00064558
18	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.01281187	-0.03219327	0.00384967
18	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
18	X-Deprem+%5	0.00000000	0.00000000	-6.17173300	-1.58366700	-0.02759767
18	X-Deprem-%5	0.00000000	0.00000000	-6.12665100	-1.57316900	-0.02392998
18	Y-Deprem+%5	0.00000000	0.00000000	-0.00100221	0.00023494	-0.00022134
18	Y-Deprem-%5	0.00000000	0.00000000	-0.00675701	-0.00110508	-0.00068952
18	X-Ruzgar	0.00000000	0.00000000	-0.30489920	-0.07826313	-0.00127919
18	Y-Ruzgar	0.00000000	0.00000000	-0.00017495	-0.00002274	-0.00001960
19	1. (G+G+G+G)	0.00000000	0.00000000	3.92619300	-0.05629759	0.02187800
19	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.09159879	-0.03811242	0.00361271
19	3. (o+Q+o+Q)	0.00000000	0.00000000	0.15738170	0.02599443	0.00162988
19	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.07137071	-0.06417532	0.00192525
19	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.05726481	-0.06417263	0.00236863
19	6. (o+Q+Q+o)	0.00000000	0.00000000	0.15361960	0.02002632	0.00067239
19	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.07566722	-0.03221546	0.00406924
19	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
19	X-Deprem+%5	0.00000000	0.00000000	-3.08252700	-1.58542100	-0.01427594
19	X-Deprem-%5	0.00000000	0.00000000	-3.05935500	-1.57346000	-0.01242089
19	Y-Deprem+%5	0.00000000	0.00000000	-0.00167281	0.00053093	-0.00049052
19	Y-Deprem-%5	0.00000000	0.00000000	-0.00463073	-0.00099596	-0.00072732
19	X-Ruzgar	0.00000000	0.00000000	-0.15226870	-0.07831455	-0.00066273
19	Y-Ruzgar	0.00000000	0.00000000	-0.00013440	-0.00001580	-0.00002446
20	1. (G+G+G+G)	0.00000000	0.00000000	4.04341200	-0.06410433	0.02570119
20	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.16579260	-0.03801515	0.00373101
20	3. (o+Q+o+Q)	0.00000000	0.00000000	0.10681900	0.02587563	0.00151616
20	4. (Q+o+Q+o)	0.00000000	0.00000000	0.05351423	-0.06395411	0.00215438
20	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.06761844	-0.06395496	0.00260726
20	6. (o+Q+Q+o)	0.00000000	0.00000000	0.11471420	0.01987759	0.00058225
20	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.13833390	-0.03207960	0.00415157
20	Zemin itkisi	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	X-Deprem+%5	0.00000000	0.00000000	0.00085056	-1.57918900	0.00002990
20	X-Deprem-%5	0.00000000	0.00000000	0.00080570	-1.56730200	0.00002732
20	Y-Deprem+%5	0.00000000	0.00000000	-0.00309179	0.00093796	-0.00066651
20	Y-Deprem-%5	0.00000000	0.00000000	-0.00308606	-0.00057947	-0.00066618
20	X-Ruzgar	0.00000000	0.00000000	0.00004108	-0.07800736	0.00000142
20	Y-Ruzgar	0.00000000	0.00000000	-0.00011865	0.00000006	-0.00002560
21	1. (G+G+G+G)	0.00000000	0.00000000	4.17629800	-0.07205968	0.02304559
21	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.24000370	-0.03814213	0.00355498
21	3. (o+Q+o+Q)	0.00000000	0.00000000	0.05642379	0.02582164	0.00121694
21	4. (Q+o+Q+o)	0.00000000	0.00000000	0.17823930	-0.06402215	0.00228137
21	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.19234850	-0.06402656	0.00272484
21	6. (o+Q+Q+o)	0.00000000	0.00000000	0.07608589	0.01974443	0.00028494
21	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.20089170	-0.03211889	0.00398683
21	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
21	X-Deprem+%5	0.00000000	0.00000000	3.08423400	-1.58542700	0.01433462
21	X-Deprem-%5	0.00000000	0.00000000	3.06097200	-1.57346600	0.01247445
21	Y-Deprem+%5	0.00000000	0.00000000	-0.00533596	0.00135562	-0.00078099
21	Y-Deprem-%5	0.00000000	0.00000000	-0.00236659	-0.00017125	-0.00054353
21	X-Ruzgar	0.00000000	0.00000000	0.15235110	-0.07831483	0.00066552
21	Y-Ruzgar	0.00000000	0.00000000	-0.00013461	0.00001588	-0.00002438
22	1. (G+G+G+G)	0.00000000	0.00000000	4.32551400	-0.08130085	0.01800058
22	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.31464730	-0.03847607	0.00318467
22	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00620844	0.02565018	0.00083946
22	4. (Q+o+Q+o)	0.00000000	0.00000000	0.30320420	-0.06417520	0.00229405
22	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.31733420	-0.06419604	0.00272146
22	6. (o+Q+Q+o)	0.00000000	0.00000000	0.03779889	0.01949291	-0.00010322
22	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.26369210	-0.03234691	0.00364877
22	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
22	X-Deprem+%5	0.00000000	0.00000000	6.17345500	-1.58367500	0.02765241
22	X-Deprem-%5	0.00000000	0.00000000	6.12828400	-1.57317700	0.02397955
22	Y-Deprem+%5	0.00000000	0.00000000	-0.00812171	0.00142104	-0.00079523
22	Y-Deprem-%5	0.00000000	0.00000000	-0.00235549	0.00008102	-0.00032639
22	X-Ruzgar	0.00000000	0.00000000	0.30498240	-0.07826354	0.00128178
22	Y-Ruzgar	0.00000000	0.00000000	-0.00017533	0.00002283	-0.00001944
23	1. (G+G+G+G)	0.00000000	0.00000000	3.75354700	-0.01667092	0.00956413
23	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.00007150	-0.03739244	0.00288353



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Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
23	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20029460	0.02700080	0.00113386
23	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.20584000	-0.06451210	0.00171318
23	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.19396570	-0.06440312	0.00210225
23	6. (o+Q+Q+o)	0.00000000	0.00000000	0.19030830	0.02101672	0.00012697
23	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.00743328	-0.03163619	0.00346486
23	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
23	X-Deprem+%5	0.00000000	0.00000000	-6.03445500	-1.58505300	-0.01945158
23	X-Deprem-%5	0.00000000	0.00000000	-6.01155100	-1.57975900	-0.01530231
23	Y-Deprem+%5	0.00000000	0.00000000	0.00010913	0.00011709	0.00008826
23	Y-Deprem-%5	0.00000000	0.00000000	-0.00281459	-0.00055875	-0.00044140
23	X-Ruzgar	0.00000000	0.00000000	-0.29863170	-0.07845827	-0.00086361
23	Y-Ruzgar	0.00000000	0.00000000	-0.00006513	-0.00001153	-0.00000917
24	1. (G+G+G+G)	0.00000000	0.00000000	3.78256100	-0.02923933	0.01263210
24	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.00770361	-0.03765361	0.00308710
24	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20359550	0.02667139	0.00141238
24	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.20147270	-0.06442700	0.00162926
24	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.18858180	-0.06435469	0.00202632
24	6. (o+Q+Q+o)	0.00000000	0.00000000	0.19110110	0.02070320	0.00046898
24	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.00172647	-0.03185973	0.00358797
24	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
24	X-Deprem+%5	0.00000000	0.00000000	-6.09044500	-1.58549900	-0.02465419
24	X-Deprem-%5	0.00000000	0.00000000	-6.05694800	-1.57774400	-0.02042320
24	Y-Deprem+%5	0.00000000	0.00000000	-0.00018543	0.00017581	-0.00053554
24	Y-Deprem-%5	0.00000000	0.00000000	-0.00446137	-0.00081422	-0.00107563
24	X-Ruzgar	0.00000000	0.00000000	-0.30115040	-0.07842060	-0.00111957
24	Y-Ruzgar	0.00000000	0.00000000	-0.00010851	-0.00001672	-0.00003338
25	1. (G+G+G+G)	0.00000000	0.00000000	3.72750300	-0.00506040	0.00001154
25	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.01179587	-0.03740299	0.00137464
25	3. (o+Q+o+Q)	0.00000000	0.00000000	0.19713360	0.02730889	0.00000673
25	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.21430220	-0.06484628	0.00136799
25	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.20426120	-0.06470523	0.00166601
25	6. (o+Q+Q+o)	0.00000000	0.00000000	0.19264660	0.02123398	-0.00107181
25	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.02272248	-0.03160355	0.00215525
25	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
25	X-Deprem+%5	0.00000000	0.00000000	-5.97583900	-1.58365400	-0.00203905
25	X-Deprem-%5	0.00000000	0.00000000	-5.97583500	-1.58365300	0.00215412
25	Y-Deprem+%5	0.00000000	0.00000000	-0.00000173	-0.00000214	0.00021937
25	Y-Deprem-%5	0.00000000	0.00000000	-0.00000219	-0.00000232	-0.00031589
25	X-Ruzgar	0.00000000	0.00000000	-0.29628180	-0.07851750	0.00000077
25	Y-Ruzgar	0.00000000	0.00000000	-0.00000008	-0.00000009	-0.00000426
26	1. (G+G+G+G)	0.00000000	0.00000000	3.73428900	-0.00855276	0.00467766
26	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.00693133	-0.03733278	0.00212880
26	3. (o+Q+o+Q)	0.00000000	0.00000000	0.19791800	0.02722560	0.00057392
26	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.21024750	-0.06468812	0.00153649
26	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.19935270	-0.06455655	0.00186297
26	6. (o+Q+Q+o)	0.00000000	0.00000000	0.19063880	0.02120283	-0.00039613
26	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.01594506	-0.03157132	0.00275399
26	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
26	X-Deprem+%5	0.00000000	0.00000000	-5.99185600	-1.58531400	-0.01068496
26	X-Deprem-%5	0.00000000	0.00000000	-5.98037900	-1.58265100	-0.00629000
26	Y-Deprem+%5	0.00000000	0.00000000	0.00014253	0.00005900	-0.00036254
26	Y-Deprem-%5	0.00000000	0.00000000	-0.00132246	-0.00028085	-0.00092356
26	X-Ruzgar	0.00000000	0.00000000	-0.29679720	-0.07853512	-0.00042299
26	Y-Ruzgar	0.00000000	0.00000000	-0.00002926	-0.00000579	-0.00002723
27	1. (G+G+G+G)	0.00000000	0.00000000	3.75342400	-0.01665604	-0.00954148
27	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.01364172	-0.03819796	-0.00066507
27	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20022550	0.02699330	-0.00112324
27	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.21934200	-0.06531014	0.00049486
27	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.21065510	-0.06519788	0.00071170
27	6. (o+Q+Q+o)	0.00000000	0.00000000	0.20180050	0.02071377	-0.00233577
27	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.02937840	-0.03214955	0.00036731
27	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
27	X-Deprem+%5	0.00000000	0.00000000	-6.01217900	-1.57984700	0.01541777
27	X-Deprem-%5	0.00000000	0.00000000	-6.03507500	-1.58513900	0.01956682
27	Y-Deprem+%5	0.00000000	0.00000000	-0.00011128	-0.00012156	0.00008775
27	Y-Deprem-%5	0.00000000	0.00000000	0.00281146	0.00055391	-0.00044188
27	X-Ruzgar	0.00000000	0.00000000	-0.29863990	-0.07845734	0.00086521
27	Y-Ruzgar	0.00000000	0.00000000	0.00006502	0.00001134	-0.00000919
28	1. (G+G+G+G)	0.00000000	0.00000000	3.73422800	-0.00854802	-0.00465622
28	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.01410939	-0.03774077	0.00033181
28	3. (o+Q+o+Q)	0.00000000	0.00000000	0.19788190	0.02722179	-0.00056068
28	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.21738990	-0.06509228	0.00091103
28	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.20808140	-0.06496022	0.00115039
28	6. (o+Q+Q+o)	0.00000000	0.00000000	0.19633960	0.02105578	-0.00163222
28	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.02727421	-0.03183655	0.00118253
28	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
28	X-Deprem+%5	0.00000000	0.00000000	-5.98069500	-1.58269600	0.00640668
28	X-Deprem-%5	0.00000000	0.00000000	-5.99216400	-1.58535500	0.01080154



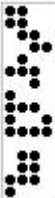
NOKTA DEPLASMANLARI

Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
28	Y-Deprem+%5	0.00000000	0.00000000	-0.00014567	-0.00006334	-0.00036277
28	Y-Deprem-%5	0.00000000	0.00000000	0.00131839	0.00027615	-0.00092378
28	X-Ruzgar	0.00000000	0.00000000	-0.29680130	-0.07853462	0.00042441
28	Y-Ruzgar	0.00000000	0.00000000	0.00002912	0.00000562	-0.00002724
29	1. (G+G+G+G)	0.00000000	0.00000000	3.78237700	-0.02921878	-0.01260797
29	2. (Q+Q+Q+Q)	0.00000000	0.00000000	-0.01103968	-0.03884761	-0.00126957
29	3. (o+Q+o+Q)	0.00000000	0.00000000	0.20350590	0.02666046	-0.00140747
29	4. (Q+o+Q+o)	0.00000000	0.00000000	-0.22012790	-0.06561007	0.00018359
29	5. (Q+Q+o+Q)	0.00000000	0.00000000	-0.21195460	-0.06552756	0.00036755
29	6. (o+Q+Q+o)	0.00000000	0.00000000	0.20821420	0.02023624	-0.00261880
29	7. (Q+o+Q+Q)	0.00000000	0.00000000	-0.02950345	-0.03260791	-0.00019652
29	Zemin itkisi	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000
29	X-Deprem+%5	0.00000000	0.00000000	-6.05786900	-1.57787600	0.02053858
29	Y-Deprem-%5	0.00000000	0.00000000	-6.09135800	-1.58562900	0.02476923
29	X-Deprem+%5	0.00000000	0.00000000	0.00018494	-0.00018049	-0.00053633
29	Y-Deprem-%5	0.00000000	0.00000000	0.00445980	0.00080920	-0.00107638
29	X-Ruzgar	0.00000000	0.00000000	-0.30116260	-0.07841939	0.00112108
29	Y-Ruzgar	0.00000000	0.00000000	0.00010846	0.00001653	-0.00003341
30	1. (G+G+G+G)	0.00000000	0.00000000	4.24242100	-0.11181180	0.01126326
30	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29937200	-0.04012371	0.00222797
30	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00232286	0.02489240	0.00054231
30	4. (Q+o+Q+o)	0.00000000	0.00000000	0.29206100	-0.06502433	0.00165045
30	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.30394130	-0.06513509	0.00203956
30	6. (o+Q+Q+o)	0.00000000	0.00000000	0.03929282	0.01848061	-0.00052380
30	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.24553360	-0.03360938	0.00286978
30	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
30	X-Deprem+%5	0.00000000	0.00000000	6.03590100	-1.58506500	0.01949798
30	Y-Deprem-%5	0.00000000	0.00000000	6.01293800	-1.57977100	0.01534188
30	Y-Deprem+%5	0.00000000	0.00000000	-0.00353249	0.00071580	-0.00056536
30	Y-Deprem-%5	0.00000000	0.00000000	-0.00060123	0.00003997	-0.00003482
30	X-Ruzgar	0.00000000	0.00000000	0.29870190	-0.07845886	0.00086574
30	Y-Ruzgar	0.00000000	0.00000000	-0.00006622	0.00001148	-0.00000914
31	1. (G+G+G+G)	0.00000000	0.00000000	4.27626200	-0.09924263	0.01470453
31	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.30574240	-0.03944157	0.00269507
31	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00394396	0.02521526	0.00068723
31	4. (Q+o+Q+o)	0.00000000	0.00000000	0.29670710	-0.06468188	0.00196396
31	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.30960420	-0.06475595	0.00236115
31	6. (o+Q+Q+o)	0.00000000	0.00000000	0.03832514	0.01891455	-0.00025832
31	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.25337280	-0.03309185	0.00319954
31	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
31	X-Deprem+%5	0.00000000	0.00000000	6.09201200	-1.58551000	0.02470186
31	X-Deprem-%5	0.00000000	0.00000000	6.05844100	-1.57775400	0.02046590
31	Y-Deprem+%5	0.00000000	0.00000000	-0.00549105	0.00104639	-0.00119875
31	Y-Deprem-%5	0.00000000	0.00000000	-0.00120564	0.00005636	-0.00065802
31	X-Ruzgar	0.00000000	0.00000000	0.30122630	-0.07842113	0.00112181
31	Y-Ruzgar	0.00000000	0.00000000	-0.00010936	0.00001673	-0.00003324
32	1. (G+G+G+G)	0.00000000	0.00000000	4.21163600	-0.12345040	0.00002069
32	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29208780	-0.04096815	0.00046487
32	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00080793	0.02460728	0.00000674
32	4. (Q+o+Q+o)	0.00000000	0.00000000	0.28638930	-0.06556819	0.00045820
32	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.29643690	-0.06571108	0.00075610
32	6. (o+Q+Q+o)	0.00000000	0.00000000	0.04405139	0.01801206	-0.00130338
32	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.23390620	-0.03422280	0.00147716
32	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
32	X-Deprem+%5	0.00000000	0.00000000	5.97705700	-1.58367200	0.00208433
32	X-Deprem-%5	0.00000000	0.00000000	5.97703900	-1.58367000	-0.00211780
32	Y-Deprem+%5	0.00000000	0.00000000	-0.00001279	-0.00000261	-0.00044673
32	Y-Deprem-%5	0.00000000	0.00000000	-0.00001045	-0.00000277	0.00008967
32	X-Ruzgar	0.00000000	0.00000000	0.29634190	-0.07851838	0.00000126
32	Y-Ruzgar	0.00000000	0.00000000	-0.00000044	-0.00000010	-0.00000445
33	1. (G+G+G+G)	0.00000000	0.00000000	4.21951400	-0.11999490	0.00557503
33	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29448950	-0.04065434	0.00131012
33	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00122259	0.02470205	0.00027626
33	4. (Q+o+Q+o)	0.00000000	0.00000000	0.28835170	-0.06535386	0.00101602
33	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.29925270	-0.06548722	0.00134451
33	6. (o+Q+Q+o)	0.00000000	0.00000000	0.04115786	0.01818663	-0.00084361
33	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.23873790	-0.03400302	0.00208365
33	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
33	X-Deprem+%5	0.00000000	0.00000000	5.99318500	-1.58532900	0.01076747
33	X-Deprem-%5	0.00000000	0.00000000	5.98167000	-1.58266700	0.00638794
33	Y-Deprem+%5	0.00000000	0.00000000	-0.00169105	0.00035739	-0.00099411
33	Y-Deprem-%5	0.00000000	0.00000000	-0.00022118	0.00001755	-0.00043505
33	X-Ruzgar	0.00000000	0.00000000	0.29686220	-0.07853590	0.00042746
33	Y-Ruzgar	0.00000000	0.00000000	-0.00003012	0.00000567	-0.00002494
34	1. (G+G+G+G)	0.00000000	0.00000000	4.24219100	-0.11179510	-0.01121473
34	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29439580	-0.04086015	-0.00125928
34	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00225333	0.02490025	-0.00053140



NOKTA DEPLASMANLARI

Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
34	4. (Q+o+Q+o)	0.00000000	0.00000000	0.28715350	-0.06576866	-0.00069251
34	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.29584780	-0.06588282	-0.00047575
34	6. (o+Q+Q+o)	0.00000000	0.00000000	0.05325954	0.01824407	-0.00213598
34	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.22970640	-0.03409808	0.00016391
34	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
34	X-Deprem+%5	0.00000000	0.00000000	6.01313000	-1.57986300	-0.01536464
34	X-Deprem-%5	0.00000000	0.00000000	6.03606200	-1.58515500	-0.01952340
34	Y-Deprem+%5	0.00000000	0.00000000	0.00352358	-0.00072138	-0.00057224
34	Y-Deprem-%5	0.00000000	0.00000000	0.00059618	-0.00004584	-0.00004136
34	X-Ruzgar	0.00000000	0.00000000	0.29868790	-0.07845812	-0.00086281
34	Y-Ruzgar	0.00000000	0.00000000	0.00006597	-0.00001170	-0.00000940
35	1. (G+G+G+G)	0.00000000	0.00000000	4.21940300	-0.11998920	-0.00553460
35	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29202720	-0.04102082	-0.00043569
35	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00118640	0.02470590	-0.00026298
35	4. (Q+o+Q+o)	0.00000000	0.00000000	0.28592520	-0.06572419	-0.00015472
35	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.29524060	-0.06585813	0.00008608
35	6. (o+Q+Q+o)	0.00000000	0.00000000	0.04810162	0.01806350	-0.00165463
35	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.23088090	-0.03424196	0.00073314
35	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
35	X-Deprem+%5	0.00000000	0.00000000	5.98178200	-1.58271500	-0.00642547
35	X-Deprem-%5	0.00000000	0.00000000	5.99326200	-1.58537500	-0.01080609
35	Y-Deprem+%5	0.00000000	0.00000000	0.00166926	-0.00036273	-0.00099694
35	Y-Deprem-%5	0.00000000	0.00000000	0.00020388	-0.00002319	-0.00043775
35	X-Ruzgar	0.00000000	0.00000000	0.29685550	-0.07853557	-0.00042500
35	Y-Ruzgar	0.00000000	0.00000000	0.00002939	-0.00000589	-0.00002505
36	1. (G+G+G+G)	0.00000000	0.00000000	4.27590500	-0.09921920	-0.01473233
36	2. (Q+Q+Q+Q)	0.00000000	0.00000000	0.29828920	-0.04053447	-0.00175562
36	3. (o+Q+o+Q)	0.00000000	0.00000000	0.00385308	0.02522666	-0.00068558
36	4. (Q+o+Q+o)	0.00000000	0.00000000	0.28934350	-0.06578624	-0.00102574
36	5. (Q+Q+o+Q)	0.00000000	0.00000000	0.29752430	-0.06587069	-0.00084086
36	6. (o+Q+Q+o)	0.00000000	0.00000000	0.05901914	0.01858953	-0.00231362
36	7. (Q+o+Q+Q)	0.00000000	0.00000000	0.22984980	-0.03383800	-0.00026816
36	Zemin itkisi	0.00000000	0.00000000	-0.00000001	0.00000000	0.00000000
36	X-Deprem+%5	0.00000000	0.00000000	6.05867900	-1.57788600	-0.02061620
36	X-Deprem-%5	0.00000000	0.00000000	6.09222800	-1.58564000	-0.02483290
36	Y-Deprem+%5	0.00000000	0.00000000	0.00550575	-0.00105236	-0.00115180
36	Y-Deprem-%5	0.00000000	0.00000000	0.00122302	-0.00006260	-0.00061353
36	X-Ruzgar	0.00000000	0.00000000	0.30120410	-0.07841991	-0.00112459
36	Y-Ruzgar	0.00000000	0.00000000	0.00010999	-0.00001697	-0.00003149
37	1. (G+G+G+G)	0.32775480	0.00003064	3.84217400	-0.06680141	0.01066596
37	2. (Q+Q+Q+Q)	0.20092490	-0.00115924	-0.00094786	-0.04161579	0.00350539
37	3. (o+Q+o+Q)	-0.13220070	-0.00003964	0.20798080	0.02659898	0.00205208
37	4. (Q+o+Q+o)	0.33344910	-0.00111936	-0.21469130	-0.06826404	0.00139836
37	5. (Q+Q+o+Q)	0.33345260	-0.00109550	-0.20701060	-0.06825062	0.00120144
37	6. (o+Q+Q+o)	-0.09875056	-0.00067636	0.21704470	0.01952838	0.00361114
37	7. (Q+o+Q+Q)	0.16779480	-0.00054614	-0.02345512	-0.03460789	0.00208830
37	Zemin itkisi	-0.00000001	0.00000000	0.00000001	0.00000000	0.00000000
37	X-Deprem+%5	8.43570600	0.02033986	-6.00609400	-1.62160300	-0.00992096
37	X-Deprem-%5	8.55141400	-0.02108506	-6.04781200	-1.63284000	-0.01359827
37	Y-Deprem+%5	0.00908770	0.05137015	-0.00405382	-0.00149376	-0.00094606
37	Y-Deprem-%5	-0.00568261	0.05665810	0.00127135	-0.00005935	-0.00047664
37	X-Ruzgar	0.42105310	0.00000209	-0.29879550	-0.08067200	-0.00058122
37	Y-Ruzgar	-0.00000104	0.00209906	-0.00002949	-0.00002338	-0.00002522
38	1. (G+G+G+G)	0.32775480	0.00001939	4.08992400	-0.06708241	0.16979610
38	2. (Q+Q+Q+Q)	0.20092490	-0.00008562	0.15266290	-0.04113799	0.06861738
38	3. (o+Q+o+Q)	-0.13220070	-0.00003946	0.10893350	0.02708376	0.03999371
38	4. (Q+o+Q+o)	0.33344910	-0.00004591	0.03815977	-0.06828838	0.02918809
38	5. (Q+Q+o+Q)	0.33345260	-0.00002248	0.04580780	-0.06828938	0.02904047
38	6. (o+Q+Q+o)	-0.09875056	-0.00027084	0.14414710	0.02006629	0.06975358
38	7. (Q+o+Q+Q)	0.16779480	0.00012258	0.10423160	-0.03418615	0.03956955
38	Zemin itkisi	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
38	X-Deprem+%5	8.43570600	0.00004253	0.00033469	-1.62447000	-0.00002601
38	X-Deprem-%5	8.55141400	0.00002015	0.00037888	-1.63583200	-0.00001907
38	Y-Deprem+%5	0.00908770	0.05461732	0.00077317	-0.00090088	-0.00077398
38	Y-Deprem-%5	-0.00568261	0.05462018	0.00076753	0.00054948	-0.00077407
38	X-Ruzgar	0.42105310	0.00000156	0.00001767	-0.08081719	-0.00000112
38	Y-Ruzgar	-0.00000104	0.00209851	0.00002957	-0.00000022	-0.00002973
39	1. (G+G+G+G)	0.32775480	0.00000814	4.33830500	-0.06713810	0.01431127
39	2. (Q+Q+Q+Q)	0.20092490	0.00098800	0.30325970	-0.04049041	0.00249346
39	3. (o+Q+o+Q)	-0.13220070	-0.00003928	0.00808356	0.02726893	0.00106339
39	4. (Q+o+Q+o)	0.33344910	0.00102753	0.28990220	-0.06784193	0.00137665
39	5. (Q+Q+o+Q)	0.33345260	0.00105054	0.29759020	-0.06785734	0.00117975
39	6. (o+Q+Q+o)	-0.09875056	0.00013467	0.06899458	0.02035644	0.00344270
39	7. (Q+o+Q+Q)	0.16779480	0.00079129	0.22938670	-0.03364510	0.00025763
39	Zemin itkisi	-0.00000001	0.00000000	-0.00000001	0.00000000	0.00000000
39	X-Deprem+%5	8.43570600	-0.02025480	6.00677300	-1.62160600	0.00986883
39	X-Deprem-%5	8.55141400	0.02112535	6.04857700	-1.63284300	0.01355629
39	Y-Deprem+%5	0.00908770	0.05786449	0.00256824	-0.00028791	-0.00036232



NOKTA DEPLASMANLARI

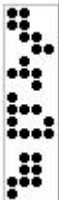
Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
39	Y-Deprem-%5	-0.00568261	0.05258225	-0.00276812	0.00114647	-0.00083303
39	X-Ruzgar	0.42105310	0.00000104	0.29883120	-0.08067218	0.00057888
39	Y-Ruzgar	-0.00000104	0.00209796	-0.00002785	0.00002295	-0.00002508
40	1. (G+G+G+G)	0.32777070	0.00003064	3.79295100	-0.08449604	0.00771042
40	2. (Q+Q+Q+Q)	0.19941090	-0.00115924	-0.01431397	-0.04096553	0.00110803
40	3. (o+Q+o+Q)	-0.13220100	-0.00003964	0.19939010	0.02625049	0.00117042
40	4. (Q+o+Q+o)	0.33193530	-0.00111936	-0.21920270	-0.06725617	-0.00010113
40	5. (Q+Q+o+Q)	0.33193930	-0.00109550	-0.21048480	-0.06729890	-0.00032042
40	6. (o+Q+Q+o)	-0.09932244	-0.00067636	0.20135060	0.01948140	0.00241103
40	7. (Q+o+Q+Q)	0.16685170	-0.00054614	-0.03049104	-0.03419385	0.00004796
40	Zemin itkisi	-0.00000001	0.00000000	0.00000001	0.00000000	0.00000000
40	X-Deprem+%5	8.46433100	0.02033986	-5.93904500	-1.72456700	-0.01166152
40	X-Deprem-%5	8.52165100	-0.02108506	-5.96111900	-1.73591000	-0.01565034
40	Y-Deprem+%5	0.00450836	0.05137015	-0.00067151	-0.00109855	-0.00033937
40	Y-Deprem-%5	-0.00280861	0.05665810	0.00214616	0.00034932	0.00016981
40	X-Ruzgar	0.42105380	0.00000209	-0.29499390	-0.08577955	-0.00067508
40	Y-Ruzgar	-0.00000027	0.00209906	0.00004101	-0.00000788	-0.00000097
41	1. (G+G+G+G)	0.32777070	0.00000814	4.27529100	-0.04821381	0.00945042
41	2. (Q+Q+Q+Q)	0.19941090	0.00098800	0.29310250	-0.03955705	0.00127519
41	3. (o+Q+o+Q)	-0.13220100	-0.00003928	0.00384512	0.02721141	0.00056577
41	4. (Q+o+Q+o)	0.33193530	0.00102753	0.28423900	-0.06685907	0.00067199
41	5. (Q+Q+o+Q)	0.33193930	0.00105054	0.29296400	-0.06681798	0.00045279
41	6. (o+Q+Q+o)	-0.09932244	0.00013467	0.05454047	0.02062215	0.00223708
41	7. (Q+o+Q+Q)	0.16685170	0.00079129	0.22866370	-0.03309949	-0.00021434
41	Zemin itkisi	-0.00000001	0.00000000	-0.00000001	0.00000000	0.00000000
41	X-Deprem+%5	8.46433100	-0.02025480	5.93998900	-1.72456200	0.01161075
41	X-Deprem-%5	8.52165100	0.02112535	5.96209900	-1.73590400	0.01560935
41	Y-Deprem+%5	0.00450836	0.05786449	0.00283044	-0.00068586	0.00029497
41	Y-Deprem-%5	-0.00280861	0.05258225	0.00000810	0.00076198	-0.00021546
41	X-Ruzgar	0.42105380	0.00000104	0.29504160	-0.08577928	0.00067280
41	Y-Ruzgar	-0.00000027	0.00209796	0.00004183	0.00000798	-0.00000077
42	1. (G+G+G+G)	0.32778630	0.00003064	3.77030800	-0.09032204	-0.00001149
42	2. (Q+Q+Q+Q)	0.19792430	-0.00115924	-0.01065382	-0.04060536	-0.00166245
42	3. (o+Q+o+Q)	-0.13220120	-0.00003964	0.19621040	0.02611737	-0.00000364
42	4. (Q+o+Q+o)	0.33044900	-0.00111936	-0.21225360	-0.06675742	-0.00165887
42	5. (Q+Q+o+Q)	0.33045360	-0.00109550	-0.20219100	-0.06681544	-0.00194826
42	6. (o+Q+Q+o)	-0.09988391	-0.00067636	0.19208330	0.01947515	0.00105177
42	7. (Q+o+Q+Q)	0.16592580	-0.00054614	-0.02197869	-0.03393983	-0.00242853
42	Zemin itkisi	-0.00000001	0.00000000	0.00000001	0.00000000	0.00000000
42	X-Deprem+%5	8.49243500	0.02033986	-5.90749300	-1.74658300	0.00199925
42	X-Deprem-%5	8.49242800	-0.02108506	-5.90748900	-1.74658200	-0.00211331
42	Y-Deprem+%5	0.00001228	0.05137015	-0.00000154	-0.00000258	-0.00008149
42	Y-Deprem-%5	0.00001314	0.05665810	-0.00000199	-0.00000274	0.00044348
42	X-Ruzgar	0.42105450	0.00000209	-0.29289330	-0.08659553	-0.00000079
42	Y-Ruzgar	0.00000049	0.00209906	-0.00000007	-0.00000010	0.00000932
43	1. (G+G+G+G)	0.32778630	0.00000814	4.24811100	-0.04217894	-0.00002131
43	2. (Q+Q+Q+Q)	0.19792430	0.00098800	0.29080800	-0.03904081	-0.00046433
43	3. (o+Q+o+Q)	-0.13220120	-0.00003928	0.00233688	0.02727271	-0.00000371
43	4. (Q+o+Q+o)	0.33044900	0.00102753	0.28355820	-0.06640938	-0.00046068
43	5. (Q+Q+o+Q)	0.33045360	0.00105054	0.29362730	-0.06635324	-0.00074997
43	6. (o+Q+Q+o)	-0.09988391	0.00013467	0.04531670	0.02085174	0.00125870
43	7. (Q+o+Q+Q)	0.16592580	0.00079129	0.23284610	-0.03277185	-0.00143750
43	Zemin itkisi	-0.00000001	0.00000000	-0.00000001	0.00000000	0.00000000
43	X-Deprem+%5	8.49243500	-0.02025480	5.90869700	-1.74657600	-0.00204549
43	X-Deprem-%5	8.49242800	0.02112535	5.90867900	-1.74657500	0.00207583
43	Y-Deprem+%5	0.00001228	0.05786449	-0.000001061	-0.00000229	0.00057168
43	Y-Deprem-%5	0.00001314	0.05258225	-0.00000839	-0.00000248	0.00004558
43	X-Ruzgar	0.42105450	0.00000104	0.29295260	-0.08659516	-0.00000129
43	Y-Ruzgar	0.00000049	0.00209796	-0.00000036	-0.00000009	0.00000949
44	1. (G+G+G+G)	0.32780180	0.00003064	3.79307700	-0.08450323	-0.00773515
44	2. (Q+Q+Q+Q)	0.19643780	-0.00115924	0.00234635	-0.04020436	-0.00314413
44	3. (o+Q+o+Q)	-0.13220150	-0.00003964	0.19944580	0.02627967	-0.00119250
44	4. (Q+o+Q+o)	0.32896270	-0.00111936	-0.20259730	-0.06652417	-0.00191310
44	5. (Q+Q+o+Q)	0.32896790	-0.00109550	-0.19068940	-0.06655948	-0.00232259
44	6. (o+Q+Q+o)	-0.10044540	-0.00067636	0.18980400	0.01978901	-0.00016962
44	7. (Q+o+Q+Q)	0.16499990	-0.00054614	-0.00541761	-0.03371854	-0.00371899
44	Zemin itkisi	-0.00000002	0.00000000	0.00000001	0.00000000	0.00000000
44	X-Deprem+%5	8.52053900	0.02033986	-5.96050600	-1.73569000	0.01553745
44	X-Deprem-%5	8.46320500	-0.02108506	-5.93842600	-1.72434500	0.00154837
44	Y-Deprem+%5	-0.00448379	0.05137015	0.00067012	0.00109350	-0.00034000
44	Y-Deprem-%5	0.00283489	0.05665810	-0.00214854	-0.00035470	0.00016921
44	X-Ruzgar	0.42105530	0.00000209	-0.29498530	-0.08577984	0.00067344
44	Y-Ruzgar	0.00000125	0.00209906	-0.00004108	0.00000768	-0.00000099
45	1. (G+G+G+G)	0.32780180	0.00000814	4.27552400	-0.04821928	-0.00949471
45	2. (Q+Q+Q+Q)	0.19643780	0.00098800	0.29817990	-0.03888643	-0.00224274
45	3. (o+Q+o+Q)	-0.13220150	-0.00003928	0.00390164	0.02718242	-0.00058803
45	4. (Q+o+Q+o)	0.32896270	0.00102753	0.28926040	-0.06615946	-0.00161747

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Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
45	5. (Q+Q+o+Q)	0.32896790	0.00105054	0.30117450	-0.06612624	-0.00202696
45	6. (o+Q+Q+o)	-0.10044540	0.00013467	0.04064486	0.02086444	0.00052022
45	7. (Q+o+Q+Q)	0.16499990	0.00079129	0.24450480	-0.03269228	-0.00290425
45	Zemin itkisi	-0.00000002	0.00000000	-0.00000001	0.00000000	0.00000000
45	X-Deprem+%5	8.52053900	-0.02025480	5.96195700	-1.73568400	-0.01558317
45	X-Deprem-%5	8.46320500	0.02112535	5.93981800	-1.72433900	-0.01158690
45	Y-Deprem+%5	-0.00448379	0.05786449	-0.00283421	0.00068153	0.00028903
45	Y-Deprem-%5	0.00283489	0.05258225	-0.00000831	-0.00076668	-0.00022110
45	X-Ruzgar	0.42105530	0.00000104	0.29505580	-0.08577955	-0.00067553
45	Y-Ruzgar	0.00000125	0.00209796	-0.00004189	-0.00000815	-0.00000099
46	1. (G+G+G+G)	0.32781770	0.00003064	3.84243500	-0.06683071	-0.01069308
46	2. (Q+Q+Q+Q)	0.19492370	-0.00115924	0.02239337	-0.03987623	-0.00464866
46	3. (o+Q+o+Q)	-0.13220170	-0.00003964	0.20827730	0.02676726	-0.00213473
46	4. (Q+o+Q+o)	0.32744880	-0.00111936	-0.19164400	-0.06669268	-0.00245959
46	5. (Q+Q+o+Q)	0.32745470	-0.00109550	-0.17722410	-0.06664632	-0.00303493
46	6. (o+Q+Q+o)	-0.10101730	-0.00067636	0.19321190	0.02055123	-0.00101972
46	7. (Q+o+Q+Q)	0.16405690	-0.00054614	0.01727891	-0.03375576	-0.00513400
46	Zemin itkisi	-0.00000002	0.00000000	0.00000001	0.00000000	0.00000000
46	X-Deprem+%5	8.54916300	0.02033986	-6.04663000	-1.63264800	0.01348899
46	X-Deprem-%5	8.43344100	-0.02108506	-6.00490400	-1.62140800	0.00981127
46	Y-Deprem+%5	-0.00906313	0.05137015	0.00405711	0.00148908	-0.00094713
46	Y-Deprem-%5	0.00570889	0.05665810	-0.00126929	0.00005431	-0.00047766
46	X-Ruzgar	0.42105600	0.00000209	-0.29877810	-0.08067358	0.00057944
46	Y-Ruzgar	0.00000203	0.00209906	0.00002959	0.00002319	-0.00002526
47	1. (G+G+G+G)	0.32781770	0.00001939	4.09029100	-0.06710951	-0.16979460
47	2. (Q+Q+Q+Q)	0.19492370	-0.00008562	0.16949970	-0.03935512	-0.06945217
47	3. (o+Q+o+Q)	-0.13220170	-0.00003946	0.10876710	0.02708351	-0.02949598
47	4. (Q+o+Q+o)	0.32744880	-0.00004591	0.05516529	-0.06650522	-0.04056601
47	5. (Q+Q+o+Q)	0.32745470	-0.00002248	0.06947128	-0.06650610	-0.04179092
47	6. (o+Q+Q+o)	-0.10101730	-0.00027084	0.11671770	0.02086312	-0.02781052
47	7. (Q+o+Q+Q)	0.16405690	0.00012258	0.14167580	-0.03320044	-0.07052255
47	Zemin itkisi	-0.00000002	0.00000000	0.00000000	0.00000000	0.00000000
47	X-Deprem+%5	8.54916300	0.00004253	0.00084608	-1.63563600	-0.00002519
47	X-Deprem-%5	8.43344100	0.00002015	0.00080080	-1.62427100	-0.00001971
47	Y-Deprem+%5	-0.00906313	0.05461732	-0.00075304	0.00089671	-0.00774363
47	Y-Deprem-%5	0.00570889	0.05462018	-0.00074726	-0.00055405	-0.00774433
47	X-Ruzgar	0.42105600	0.00000156	0.00004085	-0.08081868	-0.00000112
47	Y-Ruzgar	0.00000203	0.00209851	-0.00002880	0.00000006	-0.00029753
48	1. (G+G+G+G)	0.32781770	0.00000814	4.33876400	-0.06716152	-0.01435478
48	2. (Q+Q+Q+Q)	0.19492370	0.00098800	0.31343170	-0.03868440	-0.00350840
48	3. (o+Q+o+Q)	-0.13220170	-0.00003928	0.00838190	0.02710018	-0.00114624
48	4. (Q+o+Q+o)	0.32744880	0.00102753	0.29977820	-0.06586719	-0.00230933
48	5. (Q+Q+o+Q)	0.32745470	0.00105054	0.31420450	-0.06591529	-0.00288474
48	6. (o+Q+Q+o)	-0.10101730	0.00013467	0.03931946	0.02089708	0.00006825
48	7. (Q+o+Q+Q)	0.16405690	0.00079129	0.26279620	-0.03251581	-0.00409467
48	Zemin itkisi	-0.00000002	0.00000000	-0.00000001	0.00000000	0.00000000
48	X-Deprem+%5	8.54916300	-0.02025480	6.04831600	-1.63264500	-0.01353553
48	X-Deprem-%5	8.43344100	0.02112535	6.00649900	-1.62140500	-0.00985114
48	Y-Deprem+%5	-0.00906313	0.05786449	-0.00253472	0.00028461	-0.00037004
48	Y-Deprem-%5	0.00570889	0.05258225	0.00280332	-0.00115020	-0.00084035
48	X-Ruzgar	0.42105600	0.00000104	0.29885940	-0.08067346	-0.00058158
48	Y-Ruzgar	0.00000203	0.00209796	0.00002918	-0.00002308	-0.00002537
49	1. (G+G+G+G)	0.32775480	0.00002501	3.96492100	-0.06695403	0.07122031
49	2. (Q+Q+Q+Q)	0.20092490	-0.00062243	0.07595417	-0.04147152	0.02772272
49	3. (o+Q+o+Q)	-0.13220070	-0.00003955	0.15864750	0.02675571	0.01619086
49	4. (Q+o+Q+o)	0.33344910	-0.00058263	-0.08836541	-0.06827968	0.01171877
49	5. (Q+Q+o+Q)	0.33345260	-0.00055899	-0.08070978	-0.06827122	0.01156617
49	6. (o+Q+Q+o)	-0.09875056	-0.00047360	0.18079320	0.01969993	0.02831318
49	7. (Q+o+Q+Q)	0.16779480	-0.00021178	0.04048083	-0.03447665	0.01593992
49	Zemin itkisi	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
49	X-Deprem+%5	8.43570600	0.01019120	-3.00560100	-1.62516100	-0.00599021
49	X-Deprem-%5	8.55141400	-0.01053246	-3.02655200	-1.63681300	-0.00612327
49	Y-Deprem+%5	0.00908770	0.05299373	-0.00129007	-0.00132449	-0.00703435
49	Y-Deprem-%5	-0.00568261	0.05563914	0.00138430	0.00016288	-0.00701736
49	X-Ruzgar	0.42105310	0.00000183	-0.14952660	-0.08085851	-0.00030023
49	Y-Ruzgar	-0.00000104	0.00209878	0.00001384	-0.00001562	-0.00026986
50	1. (G+G+G+G)	0.32775480	0.00001376	4.21313700	-0.06703443	0.07274403
50	2. (Q+Q+Q+Q)	0.20092490	0.00045119	0.22821460	-0.04067857	0.02729067
50	3. (o+Q+o+Q)	-0.13220070	-0.00003937	0.05853862	0.02723095	0.01576596
50	4. (Q+o+Q+o)	0.33344910	0.00049081	0.16424900	-0.06798905	0.01171231
50	5. (Q+Q+o+Q)	0.33345260	0.00051403	0.17190830	-0.06799947	0.01155976
50	6. (o+Q+Q+o)	-0.09875056	-0.00006809	0.10663010	0.02029383	0.02819529
50	7. (Q+o+Q+Q)	0.16779480	0.00045693	0.16703680	-0.03381056	0.01520150
50	Zemin itkisi	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
50	X-Deprem+%5	8.43570600	-0.01010614	3.00627300	-1.62516400	0.00593821
50	X-Deprem-%5	8.55141400	0.01057275	3.02731200	-1.63681500	0.00608476
50	Y-Deprem+%5	0.00908770	0.05624091	0.00203935	-0.00052207	-0.00700967
50	Y-Deprem-%5	-0.00568261	0.05360121	-0.00064628	0.00096529	-0.00702838

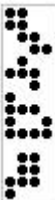
NOKTA DEPLASMANLARI

Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
50	X-Ruzgar	0.42105310	0.00000130	0.14956200	-0.08085863	0.00029798
50	Y-Ruzgar	-0.00000104	0.00209823	0.00001468	0.00001521	-0.00026976
51	1. (G+G+G+G)	0.32781770	0.00002501	3.96523700	-0.06698224	-0.07123778
51	2. (Q+Q+Q+Q)	0.19492370	-0.00062243	0.09607339	-0.03973163	-0.02856732
51	3. (o+Q+o+Q)	-0.13220170	-0.00003955	0.15863650	0.02687748	-0.01222081
51	4. (Q+o+Q+o)	0.32744880	-0.00058263	-0.06823272	-0.06666148	-0.01655101
51	5. (Q+Q+o+Q)	0.32745470	-0.00055899	-0.05389752	-0.06663158	-0.01728985
51	6. (o+Q+Q+o)	-0.10101730	-0.00047360	0.15507200	0.02065685	-0.01101140
51	7. (Q+o+Q+Q)	0.16405690	-0.00021178	0.07963302	-0.03359329	-0.02924239
51	Zemin itkisi	-0.00000002	0.00000000	0.00000001	0.00000000	0.00000000
51	X-Deprem+%5	8.54916300	0.01019120	-3.02572500	-1.63661200	0.00607980
51	X-Deprem-%5	8.43344100	-0.01053246	-3.00477000	-1.62495700	0.00594586
51	Y-Deprem+%5	-0.00906313	0.05299373	0.00130203	0.00131993	-0.00703662
51	Y-Deprem-%5	0.00570889	0.05563914	-0.00137290	-0.00016781	-0.00701952
51	X-Ruzgar	0.42105600	0.00000183	-0.14950630	-0.08086006	0.00029818
51	Y-Ruzgar	0.00000203	0.00209878	-0.00001340	0.00001544	-0.00026995
52	1. (G+G+G+G)	0.32781770	0.00001376	4.21355200	-0.06705879	-0.07276776
52	2. (Q+Q+Q+Q)	0.19492370	0.00045119	0.24173190	-0.03889602	-0.02820358
52	3. (o+Q+o+Q)	-0.13220170	-0.00003937	0.05852848	0.02710872	-0.01179603
52	4. (Q+o+Q+o)	0.32744880	0.00049081	0.17777870	-0.06608428	-0.01661273
52	5. (Q+Q+o+Q)	0.32745470	0.00051403	0.19211710	-0.06611595	-0.01735157
52	6. (o+Q+Q+o)	-0.10101730	-0.00006809	0.07798579	0.02089633	-0.01058079
52	7. (Q+o+Q+Q)	0.16405690	0.00045693	0.20251140	-0.03273149	-0.02888515
52	Zemin itkisi	-0.00000002	0.00000000	-0.00000001	0.00000000	0.00000000
52	X-Deprem+%5	8.54916300	-0.01010614	3.02741500	-1.63661100	-0.00612968
52	X-Deprem-%5	8.43344100	0.01057275	3.00636900	-1.62495600	-0.00598523
52	Y-Deprem+%5	-0.00906313	0.05624091	-0.00201193	0.00051842	-0.00701501
52	Y-Deprem-%5	0.00570889	0.05360121	0.00067459	-0.00096934	-0.00703345
52	X-Ruzgar	0.42105600	0.00000130	0.14958790	-0.08085997	-0.00030040
52	Y-Ruzgar	0.00000203	0.00209823	-0.00001360	-0.00001536	-0.00026996
53	1. (G+G+G+G)	0.32780980	0.00003064	3.81305000	-0.07862309	-0.00898026
53	2. (Q+Q+Q+Q)	0.19568070	-0.00115924	0.01109666	-0.03998172	-0.00362563
53	3. (o+Q+o+Q)	-0.13220160	-0.00003964	0.20328910	0.02644906	-0.00160453
53	4. (Q+o+Q+o)	0.32820580	-0.00111936	-0.19780810	-0.06647605	-0.00197345
53	5. (Q+Q+o+Q)	0.32821130	-0.00109550	-0.18476410	-0.06648669	-0.00243036
53	6. (o+Q+Q+o)	-0.10073130	-0.00067636	0.19097730	0.02005503	-0.00060892
53	7. (Q+o+Q+Q)	0.16452840	-0.00054614	0.00474882	-0.03362231	-0.00411669
53	Zemin itkisi	-0.00000002	0.00000000	0.00000001	0.00000000	0.00000000
53	X-Deprem+%5	8.53485100	0.02033986	-6.01211900	-1.71528000	0.01536332
53	X-Deprem-%5	8.44832400	-0.02108506	-5.97989900	-1.70018000	0.01242320
53	Y-Deprem+%5	-0.00677346	0.05137015	0.00179344	0.00151610	-0.00139786
53	Y-Deprem-%5	0.00427189	0.05665810	-0.00231951	-0.00041148	-0.00102255
53	X-Ruzgar	0.42105560	0.00000209	-0.29729800	-0.08467669	0.00069029
53	Y-Ruzgar	0.00000164	0.00209906	-0.00002861	0.00001255	-0.00004481
54	1. (G+G+G+G)	0.32779400	0.00003064	3.77205300	-0.08998019	-0.00382461
54	2. (Q+Q+Q+Q)	0.19718100	-0.00115924	-0.00534037	-0.04043355	-0.00216352
54	3. (o+Q+o+Q)	-0.13220130	-0.00003964	0.19711920	0.02613901	-0.00054282
54	4. (Q+o+Q+o)	0.32970580	-0.00111936	-0.20787510	-0.06660800	-0.00160247
54	5. (Q+Q+o+Q)	0.32971080	-0.00109550	-0.19697190	-0.06666272	-0.00191289
54	6. (o+Q+Q+o)	-0.10016470	-0.00067636	0.19017370	0.01956000	0.00039502
54	7. (Q+o+Q+Q)	0.16546290	-0.00054614	-0.01471357	-0.03383526	-0.00277270
54	Zemin itkisi	-0.00000001	0.00000000	0.00000001	0.00000000	0.00000000
54	X-Deprem+%5	8.50648700	0.02033986	-5.93189000	-1.74824300	0.00853993
54	X-Deprem-%5	8.47781800	-0.02108506	-5.92072800	-1.74192700	0.00557285
54	Y-Deprem+%5	-0.00223576	0.05137015	0.00015798	0.00058349	-0.00103250
54	Y-Deprem-%5	0.00142401	0.05665810	-0.00126692	-0.00022669	-0.00065375
54	X-Ruzgar	0.42105490	0.00000209	-0.29383180	-0.08652440	0.00035133
54	Y-Ruzgar	0.00000087	0.00209906	-0.00002771	0.00000330	-0.00003069
55	1. (G+G+G+G)	0.32777850	0.00003064	3.77199100	-0.08997711	0.00380225
55	2. (Q+Q+Q+Q)	0.19866760	-0.00115924	-0.01432834	-0.04075799	-0.00059471
55	3. (o+Q+o+Q)	-0.13220110	-0.00003964	0.19709940	0.02613109	0.00053489
55	4. (Q+o+Q+o)	0.33119220	-0.00111936	-0.21684360	-0.06692453	-0.00114797
55	5. (Q+Q+o+Q)	0.33119650	-0.00109550	-0.20750430	-0.06698148	-0.00137429
55	6. (o+Q+Q+o)	-0.09960318	-0.00067636	0.19585610	0.01943007	0.00156897
55	7. (Q+o+Q+Q)	0.16638880	-0.00054614	-0.02784019	-0.03403546	-0.00142083
55	Zemin itkisi	-0.00000001	0.00000000	0.00000001	0.00000000	0.00000000
55	X-Deprem+%5	8.47838300	0.02033986	-5.92104000	-1.74205300	-0.00566305
55	X-Deprem-%5	8.50703900	-0.02108506	-5.93219500	-1.74836600	-0.00863001
55	Y-Deprem+%5	0.00226032	0.05137015	-0.00016069	-0.00058863	-0.00103222
55	Y-Deprem-%5	-0.00139774	0.05665810	0.00126328	0.00021722	-0.00065348
55	X-Ruzgar	0.42105420	0.00000209	-0.29383600	-0.08652432	-0.00035285
55	Y-Ruzgar	0.00000011	0.00209906	0.00002759	-0.00000351	-0.00003068
56	1. (G+G+G+G)	0.32776280	0.00003064	3.81285800	-0.07861038	0.00895489
56	2. (Q+Q+Q+Q)	0.20016790	-0.00115924	-0.00931875	-0.04103137	0.00244535
56	3. (o+Q+o+Q)	-0.13220090	-0.00003964	0.20315570	0.02638952	0.00156203
56	4. (Q+o+Q+o)	0.33269220	-0.00111936	-0.21809150	-0.06746618	0.00083533
56	5. (Q+Q+o+Q)	0.33269600	-0.00109550	-0.20990740	-0.06749111	0.00064641



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Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
56	6. (o+Q+Q+o)	-0.09903650	-0.00067636	0.20841400	0.01954135	0.00286295
56	7. (Q+o+Q+Q)	0.16732330	-0.00054614	-0.02837816	-0.03420357	0.00128536
56	Zemin itkisi	-0.00000001	0.00000000	0.00000001	0.00000000	0.00000000
56	X-Deprem+%5	8.45001800	0.02033986	-5.98080800	-1.70047100	-0.01251568
56	X-Deprem-%5	8.53653200	-0.02108506	-6.01302000	-1.71556900	-0.01545547
56	Y-Deprem+%5	0.00679803	0.05137015	-0.00179287	-0.00152103	-0.00139701
56	Y-Deprem-%5	-0.00424561	0.05665810	0.00231898	0.00040620	-0.00102175
56	X-Ruzgar	0.42105340	0.00000209	-0.29731090	-0.08467609	-0.00069195
56	Y-Ruzgar	-0.00000065	0.00209906	0.00002861	-0.00001275	-0.00004478
57	1. (G+G+G+G)	0.32780980	0.00000814	4.30169300	-0.05438410	-0.01150277
57	2. (Q+Q+Q+Q)	0.19568070	0.00098800	0.30506170	-0.03886696	-0.00278760
57	3. (o+Q+o+Q)	-0.13220160	-0.00003928	0.00562988	0.02710518	-0.00081363
57	4. (Q+o+Q+o)	0.32820580	0.00102753	0.29430070	-0.06605788	-0.00192784
57	5. (Q+Q+o+Q)	0.32821130	0.00105054	0.30735100	-0.06604933	-0.00238477
57	6. (o+Q+Q+o)	-0.10073130	0.00013467	0.03957807	0.02083091	0.00023892
57	7. (Q+o+Q+Q)	0.16452840	0.00079129	0.25293220	-0.03268696	-0.00333709
57	Zemin itkisi	-0.00000002	0.00000000	-0.00000001	0.00000000	0.00000000
57	X-Deprem+%5	8.53485100	-0.02025480	6.01368700	-1.71527500	-0.01540758
57	X-Deprem-%5	8.44832400	0.02112535	5.98139200	-1.70017500	-0.01246050
57	Y-Deprem+%5	-0.00677346	0.05786449	-0.00330676	0.00085048	-0.00093554
57	Y-Deprem-%5	0.00427189	0.05258225	0.00081568	-0.00107712	-0.00131174
57	X-Ruzgar	0.42105560	0.00000104	0.29737390	-0.08467646	-0.00069231
57	Y-Ruzgar	0.00000164	0.00209796	-0.00002931	-0.00001303	-0.00004486
58	1. (G+G+G+G)	0.32779400	0.00000814	4.25165600	-0.04254020	-0.00460418
58	2. (Q+Q+Q+Q)	0.19718100	0.00098800	0.29341900	-0.03891104	-0.00125609
58	3. (o+Q+o+Q)	-0.13220130	-0.00003928	0.00256723	0.02725664	-0.00026217
58	4. (Q+o+Q+o)	0.32970580	0.00102753	0.28591420	-0.06626281	-0.00097632
58	5. (Q+Q+o+Q)	0.32971080	0.00105054	0.29682360	-0.06621010	-0.00128667
58	6. (o+Q+Q+o)	-0.10016470	0.00013467	0.04234335	0.02089348	0.00078240
58	7. (Q+o+Q+Q)	0.16546290	0.00079129	0.23779580	-0.03269573	-0.00197271
58	Zemin itkisi	-0.00000001	0.00000000	-0.00000001	0.00000000	0.00000000
58	X-Deprem+%5	8.50648700	-0.02025480	5.93321700	-1.74823600	-0.00858269
58	X-Deprem-%5	8.47781800	0.02112535	5.92201900	-1.74192000	-0.00560756
58	Y-Deprem+%5	-0.00223576	0.05786449	-0.00162137	0.00040143	-0.00056150
58	Y-Deprem-%5	0.00142401	0.05258225	-0.00019181	-0.00040476	-0.00094128
58	X-Ruzgar	0.42105490	0.00000104	0.29389670	-0.08652405	-0.00035325
58	Y-Ruzgar	0.00000087	0.00209796	-0.00002840	-0.00000369	-0.00003058
59	1. (G+G+G+G)	0.32777850	0.00000814	4.25154100	-0.04253783	0.00456466
59	2. (Q+Q+Q+Q)	0.19866760	0.00098800	0.29091180	-0.03921698	0.00036773
59	3. (o+Q+o+Q)	-0.13220110	-0.00003928	0.00254711	0.02726443	0.00025408
59	4. (Q+o+Q+o)	0.33119220	0.00102753	0.28342680	-0.06657653	0.00009593
59	5. (Q+Q+o+Q)	0.33119650	0.00105054	0.29277300	-0.06652130	-0.00013028
59	6. (o+Q+Q+o)	-0.09960318	0.00013467	0.04914578	0.02077812	0.00154709
59	7. (Q+o+Q+Q)	0.16638880	0.00079129	0.23002910	-0.03288103	-0.00071678
59	Zemin itkisi	-0.00000001	0.00000000	-0.00000001	0.00000000	0.00000000
59	X-Deprem+%5	8.47838300	-0.02025480	5.92211800	-1.74204600	0.00561762
59	X-Deprem-%5	8.50703900	0.02112535	5.93328400	-1.74835800	0.00859390
59	Y-Deprem+%5	0.00226032	0.05786449	0.00160431	-0.00040599	-0.00055857
59	Y-Deprem-%5	-0.00139774	0.05258225	0.00017898	0.00039984	-0.00093849
59	X-Ruzgar	0.42105420	0.00000104	0.29388970	-0.08652394	0.00035083
59	Y-Ruzgar	0.00000011	0.00209796	0.00002784	0.00000351	-0.00003047
60	1. (G+G+G+G)	0.32776280	0.00000814	4.30134500	-0.05437430	0.01146165
60	2. (Q+Q+Q+Q)	0.20016790	0.00098800	0.29747920	-0.03992794	0.00183124
60	3. (o+Q+o+Q)	-0.13220090	-0.00003928	0.00549515	0.02716457	0.00077095
60	4. (Q+o+Q+o)	0.33269220	0.00102753	0.28685170	-0.06717822	0.00101384
60	5. (Q+Q+o+Q)	0.33269600	0.00105054	0.29504300	-0.06715491	0.00082497
60	6. (o+Q+Q+o)	-0.09903650	0.00013467	0.06083116	0.02046132	0.00262499
60	7. (Q+o+Q+Q)	0.16732330	0.00079129	0.22881950	-0.03333372	0.00011962
60	Zemin itkisi	-0.00000001	0.00000000	-0.00000001	0.00000000	0.00000000
60	X-Deprem+%5	8.45001800	-0.02025480	5.98161900	-1.70046900	0.01246651
60	X-Deprem-%5	8.53653200	0.02112535	6.01389300	-1.71556600	0.01541621
60	Y-Deprem+%5	0.00679803	0.05786449	0.00332058	-0.00085451	-0.00092887
60	Y-Deprem-%5	-0.00424561	0.05258225	-0.00079917	0.00107269	-0.00130540
60	X-Ruzgar	0.42105340	0.00000104	0.29735260	-0.08467597	0.00068975
60	Y-Ruzgar	-0.00000065	0.00209796	0.00002990	0.00001286	-0.00004462
61	1. (G+G+G+G)	0.32775050	0.00003064	4.25202100	-0.32260750	0.34145890
61	2. (Q+Q+Q+Q)	0.20133790	-0.00115924	0.21974720	-0.19100580	0.18197440
61	3. (o+Q+o+Q)	-0.13220070	-0.00003964	0.39907020	-0.10634700	0.15846440
61	4. (Q+o+Q+o)	0.33386200	-0.00111936	-0.18507550	-0.08491905	0.02355381
61	5. (Q+Q+o+Q)	0.33386530	-0.00109550	-0.17773390	-0.08493283	0.02336609
61	6. (o+Q+Q+o)	-0.09859460	-0.00067636	0.43805610	-0.13012410	0.18220730
61	7. (Q+o+Q+Q)	0.16805200	-0.00054614	0.16766740	-0.16747510	0.15846310
61	Zemin itkisi	-0.00000001	0.00000000	0.00000001	0.00000000	0.00000000
61	X-Deprem+%5	8.42789900	0.02033986	-6.02236600	-1.62615200	-0.00859249
61	X-Deprem-%5	8.55953100	-0.02108506	-6.07013800	-1.63869700	-0.01179732
61	Y-Deprem+%5	0.01033661	0.05137015	-0.00686308	0.00081859	-0.00198889
61	Y-Deprem-%5	-0.00646643	0.05665810	-0.00076483	0.00241998	-0.00157979
61	X-Ruzgar	0.42105290	0.00000209	-0.29974930	-0.08092932	-0.00050387



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Nokta no	Kombinasyon	δx mm	δy mm	δz mm	θx 1000x radyan	θy 1000x radyan
61	Y-Ruzgar	-0.00000125	0.00209906	-0.00011910	0.00006942	-0.00006671
62	1. (G+G+G+G)	0.32775050	0.00001939	5.18344100	-0.30164960	0.89104730
62	2. (Q+Q+Q+Q)	0.20133790	-0.00008562	0.59316740	-0.04090607	0.35128610
62	3. (o+Q+o+Q)	-0.13220070	-0.00003946	0.35114450	0.12241800	0.18874130
62	4. (Q+o+Q+o)	0.33386200	0.00004591	0.23717750	-0.16339050	0.16294660
62	5. (Q+Q+o+Q)	0.33386530	-0.00002248	0.24457760	-0.16339150	0.16278390
62	6. (o+Q+Q+o)	-0.09859460	-0.00027084	0.58631780	0.02006705	0.35229510
62	7. (Q+o+Q+Q)	0.16805200	0.00012258	0.34574860	0.06137938	0.18829690
62	Zemin itkisi	-0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
62	X-Deprem+%5	8.42789900	0.00004253	0.00029342	-1.62776100	-0.00002629
62	X-Deprem-%5	8.55953100	0.00002015	0.00034812	-1.64057000	-0.00001976
62	Y-Deprem+%5	0.01033661	0.05461732	-0.00962593	-0.00101548	-0.00595858
62	Y-Deprem-%5	-0.00646643	0.05462018	-0.00963292	0.00061948	-0.00595941
62	X-Ruzgar	0.42105290	0.00000156	0.00001588	-0.08101553	-0.00000114
62	Y-Ruzgar	-0.00000125	0.00209851	-0.00037000	-0.00000025	-0.00022895
63	1. (G+G+G+G)	0.32775050	0.00000814	5.66094200	0.40215720	1.07822700
63	2. (Q+Q+Q+Q)	0.20133790	0.00098800	0.52236940	0.10916570	0.18115810
63	3. (o+Q+o+Q)	-0.13220070	-0.00003928	0.01883553	0.06241811	0.01302679
63	4. (Q+o+Q+o)	0.33386200	0.00102753	0.49827270	0.04687538	0.16817660
63	5. (Q+Q+o+Q)	0.33386530	0.00105054	0.50562170	0.04688719	0.16798890
63	6. (o+Q+Q+o)	-0.09859460	0.00013467	0.28981860	0.17013550	0.18213330
63	7. (Q+o+Q+Q)	0.16805200	0.00079129	0.23877620	0.00156428	0.01228448
63	Zemin itkisi	-0.00000001	0.00000000	-0.00000001	0.00000000	0.00000000
63	X-Deprem+%5	8.42789900	-0.02025480	6.02295300	-1.62615300	0.00854072
63	X-Deprem-%5	8.55953100	0.02112535	6.07083100	-1.63869700	0.01175619
63	Y-Deprem+%5	0.01033661	0.05786449	0.00072046	-0.00280769	-0.00148002
63	Y-Deprem-%5	-0.00646643	0.05258225	-0.00539134	-0.00120642	-0.00189048
63	X-Ruzgar	0.42105290	0.00000104	0.29978090	-0.08092934	0.00050156
63	Y-Ruzgar	-0.00000125	0.00209796	-0.00011723	-0.00006991	-0.00006660
64	1. (G+G+G+G)	0.32782200	0.00003064	4.25236100	-0.32261720	-0.34151190
64	2. (Q+Q+Q+Q)	0.19451080	-0.00115924	0.24509470	-0.18909230	-0.18309570
64	3. (o+Q+o+Q)	-0.13220180	-0.00003964	0.41789480	-0.08783477	-0.16884640
64	4. (Q+o+Q+o)	0.32703600	-0.00111936	-0.17854090	-0.10153280	-0.01430096
64	5. (Q+Q+o+Q)	0.32704200	-0.00109550	-0.13790180	-0.09565140	-0.03148123
64	6. (o+Q+Q+o)	-0.10117320	-0.00067636	0.37567450	-0.09994805	-0.15114510
64	7. (Q+o+Q+Q)	0.16379970	-0.00054614	0.24093510	-0.18313570	-0.18366840
64	Zemin itkisi	-0.00000002	0.00000000	0.00000001	0.00000000	0.00000000
64	X-Deprem+%5	8.55697100	0.02033986	-6.06877200	-1.63848000	0.01169667
64	X-Deprem-%5	8.42532400	-0.02108506	-6.02098800	-1.62593200	0.00849131
64	Y-Deprem+%5	-0.01031204	0.05137015	0.00686859	-0.00082401	-0.00199030
64	Y-Deprem-%5	0.00649271	0.05665810	0.00076902	-0.00242573	-0.00158113
64	X-Ruzgar	0.42105620	0.00000209	-0.29972870	-0.08093096	0.00050205
64	Y-Ruzgar	0.00000224	0.00209906	0.00011928	-0.00006964	-0.00006677
65	1. (G+G+G+G)	0.32782200	0.00001939	5.18382900	-0.30168390	-0.89106910
65	2. (Q+Q+Q+Q)	0.19451080	-0.00008562	0.61142300	-0.03910398	-0.35222000
65	3. (o+Q+o+Q)	-0.13220180	-0.00003946	0.30833490	0.12241770	-0.16330850
65	4. (Q+o+Q+o)	0.32703600	-0.00004591	0.29830440	-0.16158810	-0.18934690
65	5. (Q+Q+o+Q)	0.32704200	-0.00002248	0.31935710	-0.16158900	-0.19537130
65	6. (o+Q+Q+o)	-0.10117320	-0.00027084	0.30877160	0.11622000	-0.15678300
65	7. (Q+o+Q+Q)	0.16379970	0.00012258	0.58514990	-0.03297186	-0.35315650
65	Zemin itkisi	-0.00000002	0.00000000	0.00000000	0.00000000	0.00000000
65	X-Deprem+%5	8.55697100	0.00004253	0.00088559	-1.64034800	-0.00002499
65	X-Deprem-%5	8.42532400	0.00002015	0.00083214	-1.62753700	-0.00001999
65	Y-Deprem+%5	-0.01031204	0.05461732	0.00965217	0.00101002	-0.00596251
65	Y-Deprem-%5	0.00649271	0.05462018	0.00965899	-0.00062527	-0.00596315
65	X-Ruzgar	0.42105620	0.00000156	0.00004261	-0.08101718	-0.00000112
65	Y-Ruzgar	0.00000224	0.00209851	0.00037101	0.00000003	-0.00022910
66	1. (G+G+G+G)	0.32782200	0.00000814	5.66150000	0.40212210	-1.07828800
66	2. (Q+Q+Q+Q)	0.19451080	0.00098800	0.53432770	0.11086830	-0.18216060
66	3. (o+Q+o+Q)	-0.13220180	-0.00003928	0.03766223	0.04390531	-0.02340899
66	4. (Q+o+Q+o)	0.32703600	0.00102753	0.49141560	0.06710590	-0.15880460
66	5. (Q+Q+o+Q)	0.32704200	0.00105054	0.53206130	0.06122273	-0.17598500
66	6. (o+Q+Q+o)	-0.10117320	0.00013467	0.04128043	0.04362495	-0.00562043
66	7. (Q+o+Q+Q)	0.16379970	0.00079129	0.48481400	0.11717470	-0.18282190
66	Zemin itkisi	-0.00000002	0.00000000	-0.00000001	0.00000000	0.00000000
66	X-Deprem+%5	8.55697100	-0.02025480	6.07054000	-1.63847900	-0.01174344
66	X-Deprem-%5	8.42532400	0.02112535	6.02265400	-1.62593200	-0.00853083
66	Y-Deprem+%5	-0.01031204	0.05786449	-0.00067378	0.00280270	-0.00148722
66	Y-Deprem-%5	0.00649271	0.05258225	0.00543903	0.00120109	-0.00189731
66	X-Ruzgar	0.42105620	0.00000104	0.29981390	-0.08093092	-0.00050419
66	Y-Ruzgar	0.00000224	0.00209796	0.00011905	0.00006971	-0.00006686

DEPREM YAPI DEVRİLME KONTROLU

Kat deprem momenti (tm)

Kat	H (m)	Fx	Fx . H	H (m)	Fy	Fy . H
1	5.00	150.06	750.30	5.00	60.90	304.52
		150.06	750.30		60.90	304.52

Kat düşey yük momenti (tm)

X=7.7m

Y=-0.1m

moment noktası

Kat	Wg+0.3.Wq	Xg-X	(Xg-X) . (Wg+0.3.Wq)	Yg-Y	(Yg-Y) . (Wg+0.3.Wq)
1	322.26 191.30	3.809 3.900	1227.38 746.05	10.875 10.900	3504.65 2085.12
			1973.43		5589.77

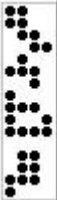
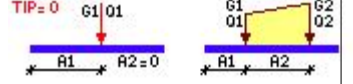
X yönü devrilme kontrolu=1973.435/750.303=2.63 > 1.5 ✓

Y yönü devrilme kontrolu=5589.766/304.523=18.356 > 1.5 ✓



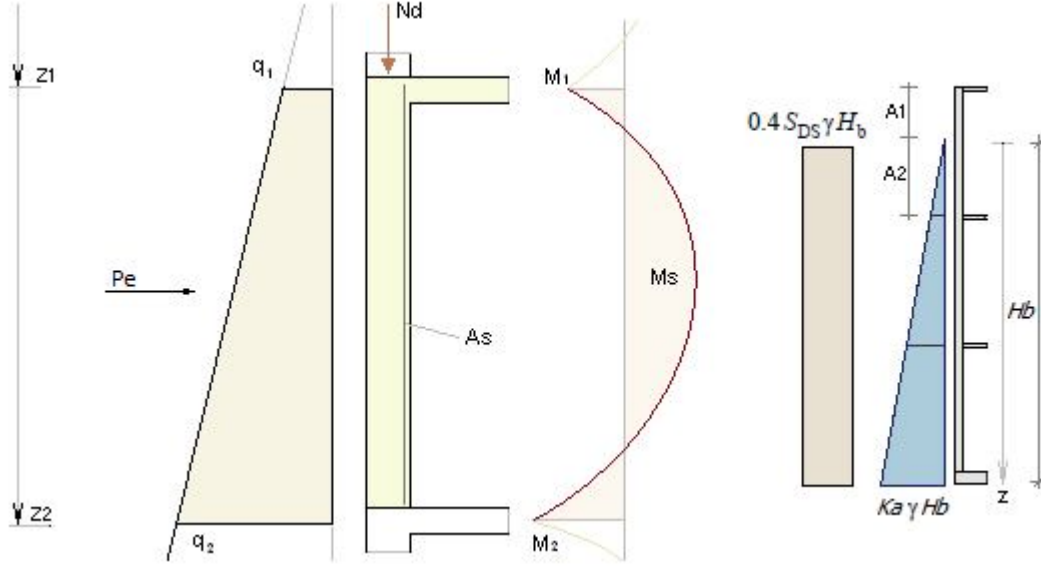
KİRİŞ DÜŞEY YÜK BİLGİLERİ

Kiriş no	A1 m	A2 m	G1 t/m	G2 t/m	Q1 t/m	Q2 t/m	Yük elemanı no
K101	0.20	0.59	0.00	0.49	0.00	0.59	D101
K101	0.79	2.13	0.49	0.49	0.59	0.59	D101
K101	2.91	0.59	0.49	0.00	0.59	0.00	D101
K102	0.20	0.59	0.00	0.49	0.00	0.59	D102
K102	0.79	2.13	0.49	0.49	0.59	0.59	D102
K102	2.91	0.59	0.49	0.00	0.59	0.00	D102
K102	3.00	0.00	5.00		0.00		
K103	0.20	0.59	0.00	0.49	0.00	0.59	D103
K103	0.79	2.12	0.49	0.49	0.59	0.59	D103
K103	2.91	0.59	0.49	0.00	0.59	0.00	D103
K104	0.20	0.59	0.00	0.49	0.00	0.59	D104
K104	0.79	2.12	0.49	0.49	0.59	0.59	D104
K104	2.91	0.59	0.49	0.00	0.59	0.00	D104
K104	3.00	0.00	5.00		0.00		
K105	0.40	0.59	0.12	0.49	0.15	0.59	D103
K105	0.99	0.66	0.49	0.00	0.59	0.00	D103
K106	0.13	0.66	0.00	0.49	0.00	0.59	D101
K106	0.79	0.59	0.49	0.12	0.59	0.15	D101
K107	0.20	0.59	0.12	0.49	0.15	0.59	D103
K107	0.79	0.66	0.49	0.00	0.59	0.00	D103
K107	0.20	0.59	0.12	0.49	0.15	0.59	D104
K107	0.79	0.66	0.49	0.00	0.59	0.00	D104
K108	0.13	0.66	0.00	0.49	0.00	0.59	D101
K108	0.79	0.59	0.49	0.12	0.59	0.15	D101
K108	0.13	0.66	0.00	0.49	0.00	0.59	D102
K108	0.79	0.59	0.49	0.12	0.59	0.15	D102
K109	0.40	0.59	0.12	0.49	0.15	0.59	D104
K109	0.99	0.66	0.49	0.00	0.59	0.00	D104
K110	0.13	0.66	0.00	0.49	0.00	0.59	D102
K110	0.79	0.59	0.49	0.12	0.59	0.15	D102
P111	0.20	0.59	0.12	0.49	0.15	0.59	D101
P111	0.79	2.13	0.49	0.49	0.59	0.59	D101
P111	2.91	0.39	0.49	0.25	0.59	0.30	D101
P112	0.40	0.39	0.25	0.49	0.30	0.59	D102
P112	0.79	2.13	0.49	0.49	0.59	0.59	D102
P112	2.91	0.59	0.49	0.12	0.59	0.15	D102
P113	0.20	0.59	0.12	0.49	0.15	0.59	D103
P113	0.79	2.12	0.49	0.49	0.59	0.59	D103
P113	2.91	0.39	0.49	0.25	0.59	0.30	D103
P114	0.40	0.39	0.25	0.49	0.30	0.59	D104
P114	0.79	2.12	0.49	0.49	0.59	0.59	D104
P114	2.91	0.59	0.49	0.12	0.59	0.15	D104
P117	0.40	0.00	0.00		-5.00		



PANEL YATAY YÜK BİLGİLERİZEMİN BİRİM HACİM AĞIRLIĞI=1.0 t/m³

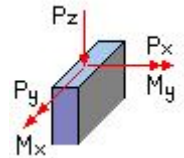
ZEMİN İÇSEL SURTUNME ACISI=30.0°

Kas=0.333 $Q_e = 0.4 \times S_{Ds} \times Y \times H_b$ Su deprem yuku : $Q_e=7/12 \cdot (0.4 \cdot S_{Ds}) \cdot H^2$, $P(z)=7/8 \cdot (0.4 \cdot S_{Ds}) \cdot (z \cdot H)^{1/2}$ 

Panel no	A1 m	A2 m	Q1 t/m ²	Q2 t/m ²	Hb m	Qe t/m ²	Yük tipi
P118	0.00	5.00	0.000	-5.000	5.00	1.803	Zemin yuku
P117	0.00	5.00	0.000	-5.000	5.00	5.259	Su yuku
P116	0.00	5.00	0.000	-5.000	5.00	5.259	Su yuku
P115	0.00	5.00	0.000	-5.000	5.00	5.259	Su yuku
P113	0.00	5.00	0.000	5.000	5.00	5.259	Su yuku
P114	0.00	5.00	0.000	5.000	5.00	5.259	Su yuku
P119	0.00	5.00	0.000	5.000	5.00	5.259	Su yuku
P120	0.00	5.00	0.000	5.000	5.00	5.259	Su yuku
P121	0.00	5.00	0.000	5.000	5.00	5.259	Su yuku
P122	0.00	5.00	0.000	5.000	5.00	5.259	Su yuku
P112	0.00	5.00	0.000	-5.000	5.00	5.259	Su yuku
P111	0.00	5.00	0.000	-5.000	5.00	5.259	Su yuku

KOLON YÜK BİLGİLERİ

Kolon no	Kombinasyon	Px t	Py t	Pz t	Mx tm	My tm	Eleman no
S101	Olu yük	0.00	0.00	0.01	0.00	0.00	D101
S101	Hareketli yük	0.00	0.00	0.01	0.00	0.01	D101
S101	Olu yük	0.00	0.00	0.01	0.00	0.01	D101
S101	Hareketli yük	0.00	0.00	0.02	0.00	0.01	D101
S102	Olu yük	0.00	0.00	0.01	0.00	0.00	D102
S102	Hareketli yük	0.00	0.00	0.02	0.00	0.00	D102
S102	Olu yük	0.00	0.00	0.01	0.00	0.00	D101
S102	Hareketli yük	0.00	0.00	0.02	0.00	0.00	D101
S102	Olu yük	0.00	0.00	0.05	0.02	0.01	D101
S102	Hareketli yük	0.00	0.00	0.06	0.02	0.01	D101
S102	Olu yük	0.00	0.00	0.05	-0.01	0.01	D102
S102	Hareketli yük	0.00	0.00	0.06	-0.01	0.01	D102
S103	Olu yük	0.00	0.00	0.01	0.00	0.00	D102
S103	Hareketli yük	0.00	0.00	0.01	0.00	0.01	D102
S103	Olu yük	0.00	0.00	0.01	0.00	0.01	D102
S103	Hareketli yük	0.00	0.00	0.02	0.00	0.01	D102
S110	Olu yük	0.00	0.00	0.01	0.00	-0.01	D103
S110	Hareketli yük	0.00	0.00	0.02	0.00	-0.01	D103
S110	Olu yük	0.00	0.00	0.01	0.00	0.00	D103
S110	Hareketli yük	0.00	0.00	0.01	0.00	-0.01	D103
S111	Olu yük	0.00	0.00	0.05	0.02	-0.01	D103
S111	Hareketli yük	0.00	0.00	0.06	0.02	-0.01	D103
S111	Olu yük	0.00	0.00	0.05	-0.01	-0.01	D104
S111	Hareketli yük	0.00	0.00	0.06	-0.01	-0.01	D104
S111	Olu yük	0.00	0.00	0.01	0.00	0.00	D104
S111	Hareketli yük	0.00	0.00	0.02	0.00	0.00	D104
S111	Olu yük	0.00	0.00	0.01	0.00	0.00	D103
S111	Hareketli yük	0.00	0.00	0.02	0.00	0.00	D103
S112	Olu yük	0.00	0.00	0.01	0.00	-0.01	D104
S112	Hareketli yük	0.00	0.00	0.02	0.00	-0.01	D104
S112	Olu yük	0.00	0.00	0.01	0.00	0.00	D104
S112	Hareketli yük	0.00	0.00	0.01	0.00	-0.01	D104



FİRMA : ESREF KORHAN

18-12-2025

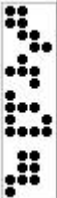
SAYFA: 33

PROJE : havuz

(HAVUZ40.ST4)

DÖŞEME ŞERİT BİLGİLERİ

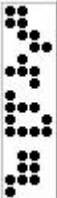
YÖN	DÖŞEME ŞERİTİ
X	-D101-D102-
X	-D103-D104-



DÖŞEME BİLGİLERİ

Döşeme no	Sol Aks	Sag Aks	Üst Aks	Alt Aks	yön	d, dmin cm	bo cm	bt cm	g t/m ²	q t/m ²	gx t/m ²	gy t/m ²	qx t/m ²	qy t/m ²
D101	1X	2X	7Y	1Y	PLAK	18≥ 8			0.620	0.750	0.013	0.607	0.016	0.734
D102	2X	3X	7Y	1Y	PLAK	18≥ 8			0.620	0.750	0.013	0.607	0.016	0.734
D103	1X	2X	5Y	6Y	PLAK	18≥ 8			0.620	0.750	0.013	0.607	0.016	0.734
D104	2X	3X	5Y	6Y	PLAK	18≥ 8			0.620	0.750	0.013	0.607	0.016	0.734

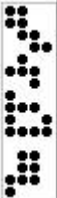
Dmin: TS500 minimum yükseklik



DÖŞEME STATİK HESAP SONUÇLARI

Zamana bağlı sehim : $\delta_t = \delta_i + \delta_{ig} \cdot \lambda$, $\lambda=2$ (5yıl üzeri)

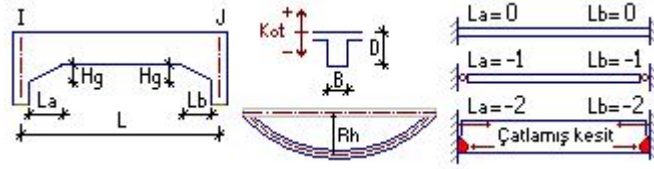
Döşeme no	yön	L m	sol gGg	mesnet qGq	(tm) gQg	açıklık	sağ gGg	mesnet qGq	(tm) gQg	sehim < fmax $\delta_t = \delta_i + \delta_{ig} \cdot \lambda$ mm	Wk mm
D101	X	3.90	0.00	0.00	0.00	0.05	-0.08	-0.05	-0.05	0.02 < 10.83 ✓	0.17
E1	Y	1.50	0.00	0.00	0.00	0.32	-0.24	-0.33	0.00	0.04	0.17
D102	X	3.90	0.08	0.05	0.05	0.05	0.00	0.00	0.00	0.02 < 10.83 ✓	0.17
E1	Y	1.50	0.00	0.00	0.00	0.32	-0.24	-0.33	0.00	0.04	0.17
D103	X	3.90	0.00	0.00	0.00	0.05	-0.08	-0.05	-0.05	0.02 < 10.83 ✓	0.17
E1	Y	1.50	0.24	0.33	0.00	0.32	0.00	0.00	0.00	0.04	0.17
D104	X	3.90	0.08	0.05	0.05	0.05	0.00	0.00	0.00	0.02 < 10.83 ✓	0.17
E1	Y	1.50	0.24	0.33	0.00	0.32	0.00	0.00	0.00	0.04	0.17



DÖŞEME BETONARME HESAP SONUÇLARI

Döşeme no		Msol (tm)	As cm ²	Maç (tm)	As cm ²	Msağ (tm)	As cm ²	Donatı
D101	X	0.00	1.92	0.05	0.11	0.08	1.92	ø10/20 (düz) +ø10/20 (Mon.)
d=18cm	Y	0.33	0.74	0.32	3.20	0.00	0.00	ø10/20 (düz) +ø10/20 (Mon.)
D102	X	0.08	1.92	0.05	0.11	0.00	1.92	ø10/20 (düz) +ø10/20 (Mon.)
d=18cm	Y	0.33	0.74	0.32	3.20	0.00	0.00	ø10/20 (düz) +ø10/20 (Mon.)
D103	X	0.00	1.92	0.05	0.11	0.08	1.92	ø10/20 (düz) +ø10/20 (Mon.)
d=18cm	Y	0.00	0.00	0.32	3.20	0.33	0.74	ø10/20 (düz) +ø10/20 (Mon.)
D104	X	0.08	1.92	0.05	0.11	0.00	1.92	ø10/20 (düz) +ø10/20 (Mon.)
d=18cm	Y	0.00	0.00	0.32	3.20	0.33	0.74	ø10/20 (düz) +ø10/20 (Mon.)





KİRİŞ VE PANEL BİLGİLERİ

Kiriş no	aks	sol aks	sağ aks	D cm	B cm	G (t/m)	I/J Nokta	L m	Rh m	Tabla b/d (cm)	sol Hg/Lg (cm)	sağ Hg/Lg (cm)	Mal zeme
K101	7Y	1X	2X	55	25	0.480	61-62	3.70	0.00	23/18	0/0	0/0	E1
K102	7Y	2X	3X	55	25	0.480	62-63	3.70	0.00	23/18	0/0	0/0	E1
K103	6Y	1X	2X	55	25	0.480	64-65	3.70	0.00	23/18	0/0	0/0	E1
K104	6Y	2X	3X	55	25	0.480	65-66	3.70	0.00	23/18	0/0	0/0	E1
K105	1X	5Y	6Y	55	40	0.480	46-64	1.77	0.00	9/18	0/0	0/0	E1
K106	1X	7Y	1Y	55	40	0.480	61-37	1.77	0.00	9/18	0/0	0/0	E1
P118	1X	1Y	2Y	500	40	5.000	37-40	5.10	0.00	0/0	0/0	0/0	E1
P117	1X	2Y	3Y	500	40	5.000	40-42	5.40	0.00	0/0	0/0	0/0	E1
P116	1X	3Y	4Y	500	40	5.000	42-44	5.40	0.00	0/0	0/0	0/0	E1
P115	1X	4Y	5Y	500	40	5.000	44-46	5.10	0.00	0/0	0/0	0/0	E1
K107	2X	5Y	6Y	55	40	0.480	47-65	1.57	0.00	18/18	0/0	0/0	E1
K108	2X	7Y	1Y	55	40	0.480	62-38	1.57	0.00	18/18	0/0	0/0	E1
K109	3X	5Y	6Y	55	40	0.480	48-66	1.77	0.00	9/18	0/0	0/0	E1
K110	3X	7Y	1Y	55	40	0.480	63-39	1.77	0.00	9/18	0/0	0/0	E1
P122	3X	1Y	2Y	500	40	5.000	39-41	5.10	0.00	0/0	0/0	0/0	E1
P121	3X	2Y	3Y	500	40	5.000	41-43	5.40	0.00	0/0	0/0	0/0	E1
P120	3X	3Y	4Y	500	40	5.000	43-45	5.40	0.00	0/0	0/0	0/0	E1
P119	3X	4Y	5Y	500	40	5.000	45-48	5.10	0.00	0/0	0/0	0/0	E1
P111	1Y	1X	2X	500	40	5.000	37-38	3.70	0.00	19/18	0/0	0/0	E1
P112	1Y	2X	3X	500	40	5.000	38-39	3.70	0.00	19/18	0/0	0/0	E1
P113	5Y	1X	2X	500	40	5.000	46-47	3.70	0.00	19/18	0/0	0/0	E1
P114	5Y	2X	3X	500	40	5.000	47-48	3.70	0.00	19/18	0/0	0/0	E1

KİRİŞ STATİK HESAP SONUÇLARI

ANALİZLERDE, ÇATLAMIŞ KESİT ETKİN KESİT RİJİTLİK ÇARPANI DİKKATE ALINMIŞTIR TBDY2018 4.5.8

K101		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	0.46	0.27	0.24	0.03	0.03	0.27	0.24	0.00	0.00	1.87 (tm)
SagM	-1.43	-0.51	-0.32	-0.19	-0.19	-0.51	-0.32	0.00	0.00	
SolV	1.18	0.74	0.78	-0.04	-0.04	0.74	0.78	0.00	0.00	Xaç (m)
SagV	-1.70	-0.87	-0.82	-0.04	-0.04	-0.87	-0.82	0.00	0.00	1.68
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	0.01	0.01	0.00	0.00	0.00	0.28				
SagM	0.00	0.01	-0.01	-0.01	0.00	-0.86				
SolV	0.00	0.00	0.00	0.00	0.00	0.71				Z1= 5.00m
SagV	0.00	0.00	0.00	0.00	0.00	-1.02				Z2= 5.00m
K102		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	1.96	0.51	0.11	0.40	0.40	0.51	0.10	0.00	0.00	4.40 (tm)
SagM	-0.85	-0.27	-0.06	-0.21	-0.21	-0.27	-0.06	0.00	0.00	
SolV	2.68	0.87	0.01	0.85	0.85	0.87	0.01	0.00	0.00	Xaç (m)
SagV	-5.19	-0.74	0.01	-0.75	-0.75	-0.74	0.01	0.00	0.00	2.68
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	0.00	0.01	0.01	0.01	0.00	1.18				
SagM	0.01	0.01	0.00	0.00	0.00	-0.51				
SolV	0.00	0.00	0.00	0.00	0.00	1.61				Z1= 5.00m
SagV	0.00	0.00	0.00	0.00	0.00	-3.12				Z2= 5.00m
K103		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	0.46	0.27	0.21	0.06	0.05	0.22	0.27	0.00	0.00	1.84 (tm)
SagM	-1.43	-0.51	-0.41	-0.11	-0.13	-0.38	-0.51	0.00	0.00	
SolV	1.18	0.74	0.75	-0.01	-0.02	0.76	0.74	0.00	0.00	Xaç (m)
SagV	-1.70	-0.87	-0.86	-0.01	-0.02	-0.84	-0.87	0.00	0.00	1.67
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	0.01	0.01	0.00	0.00	0.00	0.28				
SagM	0.01	0.00	0.01	0.01	0.00	-0.86				
SolV	0.00	0.00	0.00	0.00	0.00	0.71				Z1= 5.00m
SagV	0.00	0.00	0.00	0.00	0.00	-1.02				Z2= 5.00m
K104		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	1.96	0.51	0.19	0.32	0.35	0.16	0.51	0.00	0.00	4.40 (tm)
SagM	-0.85	-0.27	-0.03	-0.24	-0.23	-0.04	-0.27	0.00	0.00	
SolV	2.68	0.87	0.04	0.82	0.83	0.03	0.87	0.00	0.00	Xaç (m)
SagV	-5.19	-0.74	0.04	-0.78	-0.77	0.03	-0.74	0.00	0.00	2.66
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	0.01	0.00	-0.01	-0.01	0.00	1.18				
SagM	0.01	0.01	0.00	0.00	0.00	-0.51				
SolV	0.00	0.00	0.00	0.00	0.00	1.61				Z1= 5.00m
SagV	0.00	0.00	0.00	0.00	0.00	-3.12				Z2= 5.00m
K105		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	3.18	1.76	1.73	0.04	0.42	1.35	1.76	0.00	0.00	0.00 (tm)
SagM	-0.18	-0.06	0.00	-0.06	-0.05	0.00	-0.06	0.00	0.00	
SolV	2.05	1.15	1.16	-0.01	0.39	0.76	1.15	0.00	0.00	Xaç (m)
SagV	1.18	0.74	0.75	-0.01	-0.02	0.76	0.74	0.00	0.00	1.77
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	0.01	0.01	0.01	0.01	0.00	1.91				
SagM	0.00	0.00	0.00	0.00	0.00	-0.11				
SolV	0.00	0.00	0.00	0.00	0.00	1.23				Z1= 5.00m
SagV	0.00	0.00	0.00	0.00	0.00	0.71				Z2= 5.00m
K106		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	0.18	0.06	0.01	0.05	0.05	0.06	0.01	0.00	0.00	0.00 (tm)
SagM	-3.18	-1.76	-1.39	-0.37	-0.37	-1.76	-1.39	0.00	0.00	
SolV	-1.18	-0.74	-0.78	0.04	0.04	-0.74	-0.78	0.00	0.00	Xaç (m)
SagV	-2.05	-1.15	-0.78	-0.37	-0.37	-1.15	-0.78	0.00	0.00	0.01
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	0.00	0.00	0.00	0.00	0.00	0.11				
SagM	-0.01	-0.01	0.01	0.01	0.00	-1.91				
SolV	0.00	0.00	0.00	0.00	0.00	-0.71				Z1= 5.00m
SagV	0.00	0.00	0.00	0.00	0.00	-1.23				Z2= 5.00m
P118		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-8.60	2.32	1.67	0.68	0.68	2.36	1.64	0.00	0.00	0.00 (tm)
SagM	-0.98	-8.84	-3.18	-5.58	-5.68	-3.72	-8.11	27.49	27.49	
SolV	-13.72	-2.50	-0.69	-1.76	-1.73	-1.20	-1.98	-11.97	-11.97	Xaç (m)
SagV	4.30	-1.48	-0.90	-0.56	-0.52	-1.08	-1.32	31.97	31.97	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	-0.07	0.44	-0.62	-0.68	0.01	-0.03	-5.17			
SagM	48.97	48.82	1.04	1.06	2.42	0.04	-0.59			
SolV	-10.63	-7.22	-2.32	-2.76	-0.44	-0.10	-8.24			Z1= 5.00m
SagV	34.92	39.08	-3.49	-4.02	1.83	-0.15	2.58			Z2= 5.00m
P117		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-0.52	10.82	3.16	7.58	7.69	3.69	10.11	0.00	0.00	0.00 (tm)
SagM	-6.23	-2.96	-3.27	0.40	0.19	-3.39	-2.53	27.49	27.49	
SolV	-14.59	1.83	0.03	1.81	1.86	-0.33	2.15	-11.97	-11.97	Xaç (m)
SagV	9.25	1.69	-0.46	2.16	2.23	-0.63	1.79	31.97	31.97	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z				
SolM	-49.01	-48.47	-1.47	-1.54	-2.42	-0.06	-0.31			
SagM	68.87	69.07	-0.22	-0.25	3.42	-0.01	-3.74			
SolV	-14.50	-10.38	-3.61	-4.14	-0.62	-0.15	-8.77			Z1= 5.00m
SagV	23.16	27.47	-3.62	-4.17	1.25	-0.15	5.56			Z2= 5.00m

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P116	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	6.23	3.00	-3.27	-0.37	-0.15	-3.38	2.57	0.00	0.00 (tm)
SagM	0.51	-2.92	-3.25	0.41	0.04	-3.01	-2.71	27.49	
SolV	-9.25	0.40	0.46	-0.07	0.02	0.12	0.66	-11.97	Xaç (m)
SagV	14.59	1.40	-0.04	1.43	1.52	-0.18	1.43	31.97	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	-69.06	-68.86	-0.22	-0.25	-3.42	-0.01	3.74		
SagM	48.48	49.01	-1.48	-1.54	2.42	-0.06	0.31		
SolV	-27.38	-23.07	-3.62	-4.17	-1.25	-0.15	-5.56	Z1=	5.00m
SagV	10.47	14.58	-3.61	-4.14	0.62	-0.15	8.77	Z2=	5.00m
P115	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	0.99	2.98	-3.27	-0.37	0.01	-3.02	2.77	0.00	0.00 (tm)
SagM	8.60	-2.28	-1.86	-0.44	-0.82	-1.49	-2.30	27.49	
SolV	-4.29	0.37	0.88	-0.53	-0.43	0.58	0.56	-11.97	Xaç (m)
SagV	13.72	2.38	0.70	1.63	1.82	0.50	2.34	31.97	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	-48.82	-48.97	1.04	1.06	-2.42	0.04	0.60		
SagM	-0.43	0.08	-0.62	-0.69	-0.01	-0.03	5.17		
SolV	-38.99	-34.83	-3.49	-4.02	-1.83	-0.15	-2.58	Z1=	5.00m
SagV	7.30	10.70	-2.32	-2.76	0.44	-0.10	8.25	Z2=	5.00m
K107	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	7.67	3.25	1.37	1.88	1.92	1.33	3.25	0.00	0.00 (tm)
SagM	0.12	0.11	0.04	0.07	0.06	0.05	0.11	0.00	
SolV	5.48	2.56	0.90	1.66	1.68	0.88	2.56	0.00	Xaç (m)
SagV	4.39	1.73	0.90	0.83	0.85	0.88	1.73	0.00	1.57
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	0.00	0.00	-0.01	-0.01	0.00	0.00	4.61		
SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.07		
SolV	0.00	0.00	-0.01	-0.01	0.00	0.00	3.29	Z1=	5.00m
SagV	0.00	0.00	-0.01	-0.01	0.00	0.00	2.64	Z2=	5.00m
K108	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-0.12	-0.11	-0.07	-0.04	-0.04	-0.11	-0.07	0.00	0.00 (tm)
SagM	-7.67	-3.25	-1.88	-1.37	-1.37	-3.25	-1.88	0.00	
SolV	-4.39	-1.73	-0.83	-0.90	-0.90	-1.73	-0.83	0.00	Xaç (m)
SagV	-5.48	-2.56	-1.66	-0.90	-0.90	-2.56	-1.66	0.00	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	0.00	0.00	0.00	0.00	0.00	0.00	-0.07		
SagM	0.00	0.00	-0.01	-0.01	0.00	0.00	-4.61		
SolV	0.00	0.00	-0.01	-0.01	0.00	0.00	-2.64	Z1=	5.00m
SagV	0.00	0.00	-0.01	-0.01	0.00	0.00	-3.29	Z2=	5.00m
K109	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	10.06	1.76	0.37	1.39	1.77	-0.01	1.76	0.00	0.00 (tm)
SagM	0.06	-0.06	-0.05	-0.01	-0.01	-0.05	-0.06	0.00	
SolV	6.07	1.15	0.37	0.78	1.18	-0.03	1.15	0.00	Xaç (m)
SagV	5.19	0.74	-0.04	0.78	0.77	-0.03	0.74	0.00	1.77
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	-0.01	-0.01	0.01	0.01	0.00	0.00	6.05		
SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
SolV	0.00	0.00	0.00	0.00	0.00	0.00	3.65	Z1=	5.00m
SagV	0.00	0.00	0.00	0.00	0.00	0.00	3.12	Z2=	5.00m
K110	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-0.06	0.06	0.06	0.00	0.00	0.06	0.06	0.00	0.00 (tm)
SagM	-10.06	-1.76	-0.04	-1.73	-1.73	-1.76	-0.04	0.00	
SolV	-5.19	-0.74	0.01	-0.75	-0.75	-0.74	0.01	0.00	Xaç (m)
SagV	-6.07	-1.15	0.01	-1.16	-1.16	-1.15	0.01	0.00	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	0.00	0.00	0.00	0.00	0.00	0.00	-0.04		
SagM	0.01	0.01	0.01	0.01	0.00	0.00	-6.05		
SolV	0.00	0.00	0.00	0.00	0.00	0.00	-3.12	Z1=	5.00m
SagV	0.00	0.00	0.00	0.00	0.00	0.00	-3.65	Z2=	5.00m
P122	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-1.87	2.36	0.50	1.88	1.88	2.51	0.37	0.00	0.00 (tm)
SagM	-7.95	-4.58	-0.84	-3.66	-3.77	-2.38	-2.86	27.49	
SolV	-13.07	-0.85	-0.80	-0.01	0.03	-1.36	-0.27	-11.97	Xaç (m)
SagV	1.96	-1.33	0.17	-1.48	-1.44	-0.29	-0.88	31.97	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	0.07	-0.44	-0.70	-0.63	-0.01	-0.03	-1.12		
SagM	-48.96	-48.82	1.07	1.05	-2.42	0.04	-4.78		
SolV	10.64	7.23	-2.86	-2.42	0.44	-0.10	-7.86	Z1=	5.00m
SagV	-34.90	-39.07	-4.15	-3.62	-1.83	-0.15	1.18	Z2=	5.00m
P121	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	6.42	4.55	0.83	3.64	3.75	2.35	2.86	0.00	0.00 (tm)
SagM	-12.67	-4.93	-0.80	-4.04	-4.26	-1.56	-3.87	27.49	
SolV	-13.01	0.07	-0.51	0.60	0.66	-0.77	0.29	-11.97	Xaç (m)
SagV	7.28	-0.63	0.34	-0.97	-0.90	-0.11	-0.25	31.97	0.00
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
SolM	49.00	48.46	-1.56	-1.49	2.42	-0.06	3.86		
SagM	-68.86	-69.07	-0.26	-0.23	-3.42	-0.01	-7.62		
SolV	14.51	10.40	-4.26	-3.73	0.62	-0.15	-7.82	Z1=	5.00m
SagV	-23.15	-27.47	-4.30	-3.75	-1.25	-0.15	4.38	Z2=	5.00m

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P120	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	12.67	4.93	-0.80	-4.04	4.26	1.55	3.88	0.00	0.00 (tm)
SagM	-6.42	-4.71	-0.92	-3.71	-4.08	-1.07	-4.12	27.49	
SolV	-7.27	0.78	-0.35	1.12	1.20	-0.59	0.93	-11.97	Xaç (m)
SagV	13.02	0.10	0.50	-0.42	-0.33	0.16	0.34	31.97	0.00
Deprem+X	69.06	68.86	-0.24	-0.22	Rüzgar X	Rüzgar Y	Deprem Z		
SolM	-48.48	-49.02	-1.57	-1.50	-2.42	-0.06	-3.86		
SagM	27.39	23.08	-4.30	-3.75	1.25	-0.15	-4.37		
SolV	-10.46	-14.58	-4.26	-3.73	-0.62	-0.15	7.82		
								Z1=	5.00m
								Z2=	5.00m
P119	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	7.95	4.73	0.93	-3.73	4.10	1.06	4.16	0.00	0.00 (tm)
SagM	1.87	-2.36	-0.70	-1.68	-2.05	-0.34	-2.36	27.49	
SolV	-1.95	1.49	-0.19	1.66	1.76	-0.32	1.50	-11.97	Xaç (m)
SagV	13.08	1.09	0.81	0.24	0.43	0.43	1.23	31.97	0.00
Deprem+X	48.83	48.97	1.08	1.06	2.42	0.04	4.78		
SolM	0.43	-0.08	-0.70	-0.63	0.01	-0.03	1.12		
SagM	39.00	34.84	-4.14	-3.61	1.83	-0.15	-1.17		
SolV	-7.29	-10.69	-2.85	-2.42	-0.44	-0.10	7.86		
								Z1=	5.00m
								Z2=	5.00m
P111	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-6.74	-0.85	-0.85	0.00	0.00	-0.88	-0.83	0.00	0.00 (tm)
SagM	6.68	4.49	3.14	1.19	1.12	3.77	3.77	11.12	
SolV	-8.47	0.20	0.29	-0.12	-0.16	0.38	0.11	4.55	Xaç (m)
SagV	8.21	2.28	0.86	1.36	1.35	1.24	1.83	15.45	0.00
Deprem+X	-2.81	-3.03	0.00	0.02	-0.14	0.00	-4.05		
SolM	-1.75	-1.99	3.07	3.10	-0.09	0.12	4.01		
SagM	-30.58	-34.03	1.31	1.75	-1.60	0.06	-5.09		
SolV	-7.25	-9.75	0.03	0.35	-0.42	0.01	4.93		
								Z1=	5.00m
								Z2=	5.00m
P112	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-7.17	-4.46	-2.13	-2.18	-2.11	-2.97	-3.54	0.00	0.00 (tm)
SagM	7.17	0.89	0.06	0.84	0.84	0.27	0.68	11.12	
SolV	-7.38	-1.26	-1.16	-0.04	-0.03	-1.44	-0.92	4.55	Xaç (m)
SagV	8.55	-0.49	-0.23	-0.23	-0.19	-0.19	-0.54	15.45	0.00
Deprem+X	-1.74	-1.98	-3.10	-3.07	-0.09	-0.12	-4.31		
SolM	-2.81	-3.03	-0.03	0.00	-0.14	0.00	4.31		
SagM	-7.25	-9.75	-0.42	-0.10	-0.42	-0.01	-4.43		
SolV	-30.57	-34.02	-1.84	-1.40	-1.60	-0.06	5.14		
								Z1=	5.00m
								Z2=	5.00m
P113	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-6.74	-0.87	-0.83	-0.05	-0.04	-0.84	-0.87	0.00	0.00 (tm)
SagM	6.69	4.63	1.93	2.53	2.29	1.97	4.67	11.12	
SolV	-8.46	0.17	-0.04	0.18	0.07	-0.09	0.32	4.55	Xaç (m)
SagV	8.22	2.09	0.50	1.52	1.50	0.53	2.01	15.45	0.00
Deprem+X	-3.03	-2.81	0.00	-0.02	-0.14	0.00	-4.05		
SolM	-1.98	-1.73	-3.06	-3.09	-0.09	-0.12	4.02		
SagM	-33.95	-30.50	-1.30	-1.75	-1.60	-0.06	-5.08		
SolV	-9.69	-7.19	-0.03	-0.35	-0.42	-0.01	4.94		
								Z1=	5.00m
								Z2=	5.00m
P114	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Maçıklık
SolM	-7.18	-4.62	-0.92	-3.54	-3.30	-0.96	-4.67	0.00	0.00 (tm)
SagM	7.17	0.87	0.03	0.84	0.83	0.04	0.87	11.12	
SolV	-7.37	-1.44	-0.80	-0.57	-0.55	-0.78	-1.42	4.55	Xaç (m)
SagV	8.54	-0.70	0.10	-0.77	-0.65	0.03	-0.73	15.45	0.00
Deprem+X	-1.99	-1.75	3.10	3.07	-0.09	0.12	-4.32		
SolM	-3.03	-2.81	0.03	0.00	-0.14	0.00	4.31		
SagM	-9.69	-7.19	0.42	0.10	-0.42	0.01	-4.43		
SolV	-33.96	-30.51	1.84	1.40	-1.60	0.06	5.13		
								Z1=	5.00m
								Z2=	5.00m



KİRİŞ BETONARME HESAP SONUÇLARI

Kiriş	üstMsol	altMsol	Mac.	üstMsağ	altMsağ	DONATI
K101 Mduz. (tm)	0.00	0.00	(1.68m)	0.00	0.00	2ø12(mon.)
A4 ✓ max M (tm)	1.08	0.00	1.87	-2.82	0.00	2ø20(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	200.00	200.00	0.00	
B=25 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	
As (cm ²)	0.76	0.00	3.57	2.00	0.00	ø10/9(etriye)
Asw (cm ²)	1.95			2.38		Wk=0.23<0.4 ✓
K102 Mduz. (tm)	0.00	0.00	(2.68m)	0.00	0.00	2ø12(mon.)
A4 ✓ max M (tm)	3.56	0.00	4.40	-1.62	0.00	2ø20(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	200.00	200.00	0.00	1ø12(sol üst ila.)
B=25 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	
As (cm ²)	2.53	0.00	3.57	1.14	0.00	ø10/9(etriye)
Asw (cm ²)	3.26			1.07		Wk=0.23<0.4 ✓
K103 Mduz. (tm)	0.00	0.00	(1.67m)	0.00	0.00	2ø12(mon.)
A4 ✓ max M (tm)	1.08	0.00	1.84	-2.82	0.00	2ø20(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	200.00	200.00	0.00	
B=25 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	
As (cm ²)	0.76	0.00	3.57	2.00	0.00	ø10/9(etriye)
Asw (cm ²)	1.92			2.41		Wk=0.23<0.4 ✓
K104 Mduz. (tm)	0.00	0.00	(2.66m)	0.00	0.00	2ø12(mon.)
A4 ✓ max M (tm)	3.56	0.00	4.40	-1.62	0.00	2ø20(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	200.00	200.00	0.00	1ø12(sol üst ila.)
B=25 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	
As (cm ²)	2.53	0.00	3.57	1.14	0.00	ø10/9(etriye)
Asw (cm ²)	3.23			1.10		Wk=0.23<0.4 ✓
K105 Mduz. (tm)	0.00	0.00	(1.77m)	-1.89	0.00	3ø12(mon.)
A4 ✓ max M (tm)	-0.35	0.00	0.00	7.28	0.00	3ø12(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	0.00	200.00	0.00	1ø20(sağ üst ila.)
B=40 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	
As (cm ²)	0.24	0.00	0.00	5.71	2.85	ø10/20/9(etriye)
Asw (cm ²)	0.00			2.62		Wk=0.23<0.4 ✓
K106 Mduz. (tm)	1.89	0.00	(0.01m)	0.00	0.00	3ø12(mon.)
A4 ✓ max M (tm)	-7.28	0.00	0.00	0.35	0.00	3ø12(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	0.00	200.00	0.00	1ø20(sol üst ila.)
B=40 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	
As (cm ²)	5.71	2.85	0.00	0.24	0.00	ø10/20/9(etriye)
Asw (cm ²)	2.62			0.00		Wk=0.23<0.4 ✓
K107 Mduz. (tm)	0.00	0.00	(1.57m)	-2.35	0.00	3ø12(mon.)
A4 ✓ max M (tm)	0.00	0.35	0.00	15.94	0.00	3ø12(düz)
D=55 fcd (kg/cm ²)	0.00	200.00	0.00	200.00	0.00	4ø12(sağ üst ila.)
B=40 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	1ø12(sağ alt ila.)
As (cm ²)	0.00	0.19	0.00	7.60	3.80	ø10/20/9(etriye)
Asw (cm ²)	0.00			2.62		Wk=0.23<0.4 ✓
K108 Mduz. (tm)	2.35	0.00	(0.00m)	0.00	0.00	3ø12(mon.)
A4 ✓ max M (tm)	-15.94	0.00	0.00	0.00	-0.35	3ø12(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	0.00	0.00	200.00	4ø12(sol üst ila.)
B=40 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	1ø12(sol alt ila.)
As (cm ²)	7.60	3.80	0.00	0.00	0.19	ø10/20/9(etriye)
Asw (cm ²)	2.62			0.00		Wk=0.23<0.4 ✓
K109 Mduz. (tm)	0.00	0.00	(1.77m)	-4.14	0.00	3ø12(mon.)
A4 ✓ max M (tm)	-0.01	0.08	0.00	16.93	0.00	3ø12(düz)
D=55 fcd (kg/cm ²)	200.00	200.00	0.00	200.00	0.00	4ø12(sağ üst ila.)
B=40 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	1ø12(sağ alt ila.)
As (cm ²)	0.01	0.04	0.00	7.14	3.57	ø10/20/9(etriye)
Asw (cm ²)	0.00			2.62		Wk=0.23<0.4 ✓
K110 Mduz. (tm)	4.14	0.00	(0.00m)	0.00	0.00	3ø12(mon.)
A4 ✓ max M (tm)	-16.91	0.00	0.00	0.01	-0.09	3ø12(düz)
D=55 fcd (kg/cm ²)	200.00	0.00	0.00	200.00	200.00	4ø12(sol üst ila.)
B=40 As' (cm ²)	0.00	0.00	0.00	0.00	0.00	1ø12(sol alt ila.)
As (cm ²)	7.13	3.56	0.00	0.01	0.05	ø10/20/9(etriye)
Asw (cm ²)	2.62			0.00		Wk=0.23<0.4 ✓

Ck : Kiriş üstüne oturan kolonların Dinamik Etki çarpanı

A4 : (Ba=Bax+0.3*Bay,Ba=0.3*Bax+Bay)



KOLON STATİK HESAP SONUÇLARI

ANALİZLERDE, ÇATLAMIŞ KESİT ETKİN KESİT RİJİTLİK ÇARPANI DİKKATE ALINMIŞTIR TBDY2018 4.5.8

S101	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Material:E1
Üst Mx	0.06	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	
Alt Mx	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	I = 37
Üst My	0.09	0.07	0.04	0.03	0.03	0.06	0.05	0.00	J = 1
Alt My	-0.31	-0.01	-0.02	0.01	0.01	-0.04	0.01	0.00	
Tx	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	-0.04	0.01	0.00	0.01	0.01	0.00	0.01	0.00	By= 80 cm
Nz	2.89	-0.33	1.17	-1.51	-1.52	1.12	-0.30	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z		
Üst Mx	0.92	1.05	0.01	-0.01	0.05	0.00	0.04		
Alt Mx	1.10	1.23	0.01	0.00	0.06	0.00	0.08		
Üst My	0.21	-0.18	0.41	0.46	0.00	0.02	0.06		
Alt My	0.73	0.44	0.42	0.46	0.03	0.02	-0.19		
Tx	0.40	0.46	0.00	0.00	0.02	0.00	0.02		
Ty	0.19	0.05	0.17	0.18	0.01	0.01	-0.03		
Nz	-41.20	-41.24	-1.02	-1.02	-2.04	-0.04	1.74		
S102	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Material:E1
Üst Mx	-0.02	-0.02	0.01	-0.03	-0.03	0.00	-0.01	0.00	
Alt Mx	0.02	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	I = 38
Üst My	1.18	0.51	0.29	0.22	0.22	0.51	0.29	0.00	J = 2
Alt My	0.44	0.24	0.14	0.10	0.10	0.23	0.14	0.00	
Tx	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	Bx= 80 cm
Ty	0.32	0.15	0.09	0.06	0.06	0.15	0.09	0.00	By= 40 cm
Nz	10.59	0.89	0.50	0.36	0.37	0.73	0.62	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z		
Üst Mx	3.48	3.96	0.04	-0.02	0.18	0.00	-0.01		
Alt Mx	4.35	4.82	0.04	-0.02	0.23	0.00	0.01		
Üst My	0.00	0.00	0.06	0.06	0.00	0.00	0.71		
Alt My	0.00	0.00	0.09	0.09	0.00	0.00	0.26		
Tx	1.57	1.76	0.01	-0.01	0.08	0.00	0.00		
Ty	0.00	0.00	0.03	0.03	0.00	0.00	0.19		
Nz	0.00	0.00	-0.45	-0.45	0.00	-0.02	6.36		
S103	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Material:E1
Üst Mx	-0.07	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	
Alt Mx	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	I = 39
Üst My	0.17	0.05	0.02	0.03	0.03	0.07	0.01	0.00	J = 3
Alt My	-0.32	-0.02	-0.01	-0.01	-0.01	-0.03	-0.01	0.00	
Tx	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	-0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	By= 80 cm
Nz	7.48	1.61	-0.58	2.18	2.17	-0.02	1.05	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z		
Üst Mx	0.92	1.05	0.01	0.00	0.05	0.00	-0.04		
Alt Mx	1.10	1.23	0.01	-0.01	0.06	0.00	-0.07		
Üst My	-0.21	0.18	0.47	0.42	0.00	0.02	0.10		
Alt My	-0.72	-0.44	0.47	0.43	-0.03	0.02	-0.19		
Tx	0.40	0.46	0.00	0.00	0.02	0.00	-0.02		
Ty	-0.19	-0.05	0.19	0.17	-0.01	0.01	-0.02		
Nz	41.20	41.25	-1.02	-1.02	2.04	-0.04	4.49		
S104	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Material:E1
Üst Mx	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alt Mx	0.30	0.01	0.00	0.00	0.01	0.00	0.01	0.00	I = 40
Üst My	0.09	0.01	0.02	-0.01	-0.01	0.03	0.00	0.00	J = 4
Alt My	-0.17	-0.01	-0.02	0.00	0.01	-0.04	0.01	0.00	
Tx	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	By= 80 cm
Nz	7.37	-1.69	0.93	-2.63	-2.62	0.75	-1.53	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z		
Üst Mx	0.18	0.21	0.00	0.00	0.01	0.00	0.02		
Alt Mx	0.73	0.78	0.01	0.00	0.04	0.00	0.18		
Üst My	0.04	-0.36	0.43	0.48	-0.01	0.02	0.06		
Alt My	0.45	0.18	0.44	0.47	0.02	0.02	-0.10		
Tx	0.18	0.20	0.00	0.00	0.01	0.00	0.04		
Ty	0.10	-0.04	0.17	0.19	0.00	0.01	-0.01		
Nz	-49.41	-49.46	-0.12	-0.11	-2.45	0.00	4.43		
S105	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin	Material:E1
Üst Mx	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alt Mx	-0.28	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	I = 41
Üst My	0.12	0.03	0.01	0.02	0.02	0.04	0.00	0.00	J = 5
Alt My	-0.19	-0.01	-0.01	0.00	0.00	-0.03	0.01	0.00	
Tx	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	By= 80 cm
Nz	11.29	1.40	-0.69	2.08	2.09	-0.48	1.18	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z		
Üst Mx	0.18	0.21	0.00	0.00	0.01	0.00	-0.02		
Alt Mx	0.73	0.78	0.00	0.00	0.04	0.00	-0.17		
Üst My	-0.04	0.35	0.50	0.44	0.01	0.02	0.07		
Alt My	-0.45	-0.18	0.48	0.45	-0.02	0.02	-0.12		
Tx	0.18	0.20	0.00	0.00	0.01	0.00	-0.04		
Ty	-0.10	0.04	0.20	0.18	0.00	0.01	-0.01		
Nz	49.41	49.46	-0.11	-0.12	2.45	0.00	6.78		

KOLON STATİK HESAP SONUÇLARI

S106	GGGGGG	QQQQQQ	Q_Q_Q	-Q_Q_Q	QQ_QQ	-QQ_QQ	Q_QQ_Q	Zemin	Material:El
Üst Mx	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alt Mx	0.36	0.01	0.01	0.01	0.01	0.01	0.01	0.00	I = 42
Üst My	0.00	-0.04	0.00	-0.04	-0.04	0.01	-0.05	0.00	J = 6
Alt My	0.00	0.01	0.00	0.01	0.01	-0.02	0.02	0.00	
Tx	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	By= 80 cm
Nz	8.50	-1.29	0.92	-2.22	-2.21	0.75	-1.13	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
Üst Mx	0.06	0.06	0.00	0.00	0.00	0.00	0.02		
Alt Mx	0.68	0.68	0.00	0.00	0.03	0.00	0.22		
Üst My	0.20	-0.20	0.44	0.49	0.00	0.02	0.00		
Alt My	0.13	-0.14	0.45	0.48	0.00	0.02	0.00		
Tx	0.15	0.15	0.00	0.00	0.01	0.00	0.05		
Ty	0.07	-0.07	0.18	0.19	0.00	0.01	0.00		
Nz	-50.54	-50.54	0.00	0.00	-2.51	0.00	5.11		
S107	GGGGGG	QQQQQQ	Q_Q_Q	-Q_Q_Q	QQ_QQ	-QQ_QQ	Q_QQ_Q	Zemin	Material:El
Üst Mx	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alt Mx	-0.35	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	I = 43
Üst My	0.00	0.00	0.00	0.00	0.00	0.02	-0.01	0.00	J = 7
Alt My	0.00	0.02	0.00	0.02	0.02	-0.02	0.03	0.00	
Tx	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	By= 80 cm
Nz	12.45	1.41	-0.69	2.09	2.10	-0.48	1.18	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
Üst Mx	0.06	0.06	0.00	0.00	0.00	0.00	-0.02		
Alt Mx	0.68	0.68	0.00	0.00	0.03	0.00	-0.21		
Üst My	-0.20	0.20	0.50	0.45	0.00	0.02	0.00		
Alt My	-0.13	0.14	0.49	0.45	0.00	0.02	0.00		
Tx	0.15	0.15	0.00	0.00	0.01	0.00	-0.05		
Ty	-0.07	0.07	0.20	0.18	0.00	0.01	0.00		
Nz	50.55	50.55	0.00	0.00	2.51	0.00	7.48		
S108	GGGGGG	QQQQQQ	Q_Q_Q	-Q_Q_Q	QQ_QQ	-QQ_QQ	Q_QQ_Q	Zemin	Material:El
Üst Mx	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alt Mx	0.30	0.01	0.00	0.01	0.01	0.01	0.01	0.00	I = 44
Üst My	-0.09	-0.06	-0.02	-0.04	-0.05	-0.01	-0.06	0.00	J = 8
Alt My	0.17	0.03	0.02	0.01	0.02	0.00	0.04	0.00	
Tx	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	0.02	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	By= 80 cm
Nz	7.37	-1.03	0.93	-1.97	-1.95	0.75	-0.88	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
Üst Mx	0.20	0.18	0.00	0.00	0.01	0.00	0.02		
Alt Mx	0.78	0.73	-0.01	0.00	0.04	0.00	0.18		
Üst My	0.35	-0.05	0.43	0.48	0.01	0.02	-0.06		
Alt My	-0.18	-0.46	0.44	0.47	-0.02	0.02	0.10		
Tx	0.20	0.18	0.00	0.00	0.01	0.00	0.04		
Ty	0.03	-0.10	0.17	0.19	0.00	0.01	0.01		
Nz	-49.46	-49.42	0.12	0.11	-2.45	0.00	4.43		
S109	GGGGGG	QQQQQQ	Q_Q_Q	-Q_Q_Q	QQ_QQ	-QQ_QQ	Q_QQ_Q	Zemin	Material:El
Üst Mx	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alt Mx	-0.28	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	I = 45
Üst My	-0.12	-0.03	-0.01	-0.02	-0.02	0.01	-0.04	0.00	J = 9
Alt My	0.20	0.04	0.01	0.03	0.04	-0.01	0.05	0.00	
Tx	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	By= 80 cm
Nz	11.29	1.39	-0.69	2.08	2.09	-0.48	1.16	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
Üst Mx	0.20	0.18	0.00	0.00	0.01	0.00	-0.02		
Alt Mx	0.78	0.73	0.00	0.00	0.04	0.00	-0.17		
Üst My	-0.35	0.05	0.50	0.44	-0.01	0.02	-0.07		
Alt My	0.19	0.46	0.48	0.45	0.02	0.02	0.12		
Tx	0.20	0.18	0.00	0.00	0.01	0.00	-0.04		
Ty	-0.03	0.10	0.20	0.18	0.00	0.01	0.01		
Nz	49.47	49.42	0.11	0.12	2.45	0.00	6.78		
S110	GGGGGG	QQQQQQ	Q_Q_Q	-Q_Q_Q	QQ_QQ	-QQ_QQ	Q_QQ_Q	Zemin	Material:El
Üst Mx	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Alt Mx	0.13	0.00	0.00	0.00	0.01	0.00	0.00	0.00	I = 46
Üst My	-0.09	-0.10	-0.04	-0.06	-0.07	-0.03	-0.10	0.00	J = 10
Alt My	0.31	0.02	0.02	0.00	0.01	0.00	0.04	0.00	
Tx	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	0.04	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	0.00	By= 80 cm
Nz	2.89	-0.24	1.21	-1.46	-1.36	0.95	-0.09	0.00	H = 5.00 m
Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y	Deprem Z			
Üst Mx	1.04	0.92	-0.01	0.01	0.05	0.00	0.04		
Alt Mx	1.23	1.10	-0.01	0.00	0.06	0.00	0.08		
Üst My	0.18	-0.22	0.41	0.46	0.00	0.02	-0.06		
Alt My	-0.45	-0.73	0.42	0.46	-0.03	0.02	0.19		
Tx	0.45	0.40	0.00	0.00	0.02	0.00	0.02		
Ty	-0.05	-0.19	0.17	0.18	-0.01	0.01	0.03		
Nz	-41.24	-41.20	1.02	1.02	-2.04	0.04	1.74		

KOLON STATİK HESAP SONUÇLARI

S111	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Material:El
Üst Mx	-0.02	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	
Alt Mx	0.02	0.02	-0.01	0.03	0.03	0.00	0.02	0.00	I = 47
Üst My	-1.18	-0.51	-0.22	-0.30	-0.30	-0.21	-0.51	0.00	J = 11
Alt My	-0.44	-0.23	-0.10	-0.13	-0.14	-0.10	-0.23	0.00	
Tx	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 80 cm
Ty	-0.32	-0.15	-0.06	-0.09	-0.09	-0.06	-0.15	0.00	By= 40 cm
Nz	10.59	0.91	0.46	0.42	0.48	0.43	0.85	0.00	H = 5.00 m
Deprem+X	3.95	3.47	-0.04	0.02	0.18	0.00	-0.01		
Alt Mx	4.81	4.34	-0.04	0.02	0.23	0.00	0.01		
Üst My	0.00	0.00	0.06	0.06	0.00	0.00	-0.71		
Alt My	0.00	0.00	0.09	0.09	0.00	0.00	-0.26		
Tx	1.75	1.56	-0.01	0.01	0.08	0.00	0.00		
Ty	0.00	0.00	0.03	0.03	0.00	0.00	-0.19		
Nz	0.00	0.00	0.45	0.45	0.00	0.02	6.36		
S112	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Material:El
Üst Mx	-0.07	0.00	-0.00	-0.00	0.00	-0.00	0.00	0.00	
Alt Mx	-0.12	0.01	0.00	0.01	0.01	0.00	0.00	0.00	I = 48
Üst My	-0.17	-0.05	-0.02	-0.03	-0.04	0.00	-0.06	0.00	J = 12
Alt My	0.32	0.05	0.01	0.04	0.05	0.00	0.06	0.00	
Tx	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Bx= 40 cm
Ty	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	By= 80 cm
Nz	7.47	1.58	-0.53	2.10	2.20	-0.49	1.43	0.00	H = 5.00 m
Deprem+X	1.04	0.92	-0.01	0.00	0.05	0.00	-0.04		
Alt Mx	1.23	1.10	-0.01	0.01	0.06	0.00	-0.07		
Üst My	-0.18	0.22	0.47	0.42	0.00	0.02	-0.10		
Alt My	0.45	0.73	0.47	0.43	0.03	0.02	0.19		
Tx	0.45	0.40	0.00	0.00	0.02	0.00	-0.02		
Ty	0.05	0.19	0.19	0.17	0.01	0.01	0.02		
Nz	41.24	41.20	1.01	1.02	2.04	0.04	4.49		

KOLON BETONARME HESAP SONUÇLARI

Kolon			N (t)	minor M	major M	fcd	ρ	As	Donatı
S101	Bx=40	X- (G+Q)	4.797	-0.41	0.19	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	45.125	0.09	1.39	200.0	0.0020	6.40	ø10/10 (ettriye)
I:37		Y- (G+Q)	4.797	0.18	-0.50	200.0	0.0020	6.40	Cx:1 Cy:1
J:1	Hk=5.0m	Y- (G+Q+E)	45.082	1.26	1.76	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-39.161	-0.12	1.09	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	1.067	0.09	0.45	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S102	Bx=80	X- (G+Q)	16.241	2.00	-0.63	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=40	X- (G+Q+E)	13.383	0.62	4.86	200.0	0.0020	6.40	ø10/10 (ettriye)
I:38		Y- (G+Q)	16.241	-0.03	2.47	200.0	0.0020	6.40	Cx:1 Cy:1
J:2	Hk=5.0m	Y- (G+Q+E)	13.832	-0.05	1.97	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	7.619	0.85	-3.97	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	7.170	-0.01	0.40	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S103	Bx=40	X- (G+Q)	13.044	-0.49	-0.35	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	51.680	-0.83	1.40	200.0	0.0020	6.40	ø10/10 (ettriye)
I:39		Y- (G+Q)	13.044	-0.18	0.51	200.0	0.0020	6.40	Cx:1 Cy:1
J:3	Hk=5.0m	Y- (G+Q+E)	51.637	-1.25	2.01	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-35.866	0.30	-1.09	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	4.364	-0.08	0.45	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S104	Bx=40	X- (G+Q)	10.906	-0.26	0.43	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	58.527	-0.03	1.58	200.0	0.0020	6.40	ø10/10 (ettriye)
I:40		Y- (G+Q)	10.906	0.42	0.43	200.0	0.0020	6.40	Cx:1 Cy:1
J:4	Hk=5.0m	Y- (G+Q+E)	58.527	-0.16	2.28	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-44.161	-0.29	0.23	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	5.188	0.21	0.49	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S105	Bx=40	X- (G+Q)	18.039	-0.32	-0.49	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	64.181	-0.41	1.73	200.0	0.0020	6.40	ø10/10 (ettriye)
I:41		Y- (G+Q)	18.039	-0.41	0.70	200.0	0.0020	6.40	Cx:1 Cy:1
J:5	Hk=5.0m	Y- (G+Q+E)	-39.304	0.18	1.53	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-41.339	0.44	-0.23	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	8.010	-0.20	0.48	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S106	Bx=40	X- (G+Q)	12.497	0.01	0.53	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	60.950	-0.13	1.65	200.0	0.0020	6.40	ø10/10 (ettriye)
I:42		Y- (G+Q)	12.497	0.05	0.49	200.0	0.0020	6.40	Cx:1 Cy:1
J:6	Hk=5.0m	Y- (G+Q+E)	-44.261	0.11	1.73	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-44.422	-0.20	0.09	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	6.121	0.26	0.52	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S107	Bx=40	X- (G+Q)	19.678	-0.03	-0.53	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	66.645	-0.12	1.80	200.0	0.0020	6.40	ø10/10 (ettriye)
I:43		Y- (G+Q)	19.678	-0.50	-0.77	200.0	0.0020	6.40	Cx:1 Cy:1
J:7	Hk=5.0m	Y- (G+Q+E)	-39.343	0.04	1.53	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-41.587	0.20	-0.09	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	8.958	-0.03	-0.44	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S108	Bx=40	X- (G+Q)	10.905	0.29	0.43	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	58.530	0.05	1.58	200.0	0.0020	6.40	ø10/10 (ettriye)
I:44		Y- (G+Q)	10.905	0.43	-0.43	200.0	0.0020	6.40	Cx:1 Cy:1
J:8	Hk=5.0m	Y- (G+Q+E)	58.482	-0.37	2.28	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-44.163	0.28	0.23	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	5.189	0.21	-0.21	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S109	Bx=40	X- (G+Q)	18.028	0.26	-0.49	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	64.179	0.45	1.73	200.0	0.0020	6.40	ø10/10 (ettriye)
I:45		Y- (G+Q)	18.028	-0.40	-0.70	200.0	0.0020	6.40	Cx:1 Cy:1
J:9	Hk=5.0m	Y- (G+Q+E)	64.132	0.39	2.50	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-41.342	-0.43	-0.23	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	8.011	-0.21	-0.20	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S110	Bx=40	X- (G+Q)	4.826	0.45	0.20	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	45.144	-0.07	1.40	200.0	0.0020	6.40	ø10/10 (ettriye)
I:46		Y- (G+Q)	4.826	0.19	0.49	200.0	0.0020	6.40	Cx:1 Cy:1
J:10	Hk=5.0m	Y- (G+Q+E)	45.101	-0.94	1.76	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-39.160	0.11	1.09	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	1.062	0.08	0.02	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S111	Bx=80	X- (G+Q)	16.271	-0.83	-0.63	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=40	X- (G+Q+E)	13.402	-0.65	4.88	200.0	0.0020	6.40	ø10/10 (ettriye)
I:47		Y- (G+Q)	16.271	-0.04	-2.47	200.0	0.0020	6.40	Cx:1 Cy:1
J:11	Hk=5.0m	Y- (G+Q+E)	11.942	-0.05	-1.76	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	7.619	-0.85	-3.96	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	7.170	0.04	-0.40	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$
S112	Bx=40	X- (G+Q)	12.984	0.47	-0.35	200.0	0.0020	6.40	2×4ø20+2×2ø20 (govde)
	By=80	X- (G+Q+E)	51.637	0.88	1.39	200.0	0.0020	6.40	ø10/10 (ettriye)
I:48		Y- (G+Q)	12.984	-0.17	0.54	200.0	0.0020	6.40	Cx:1 Cy:1
J:12	Hk=5.0m	Y- (G+Q+E)	51.593	0.96	2.01	200.0	0.0020	6.40	
	$\beta_x = 1.000$	X- (G-E)	-35.864	-0.30	-1.09	200.0	0.0020	6.40	
A4 ✓	$\beta_y = 1.000$	Y- (G-E)	4.357	-0.08	0.02	200.0	0.0020	6.40	$\Sigma As/Ac=0.0118$

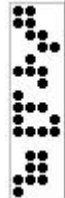
 β_x, β_y : Kolon Moment büyütme katsayısı

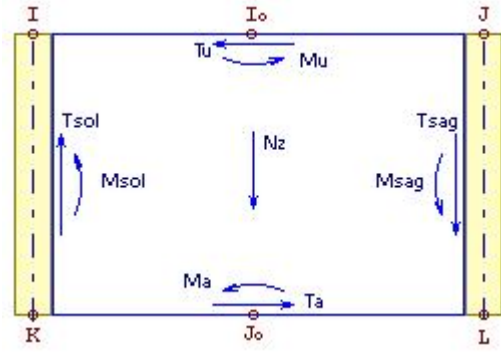
Cx, Cy : Güçlü kolon Moment büyütme katsayısı

Ck : Kiriş üstüne oturan kolonların Dinamik Etki çarpanı

A4 : (Ba=Bax+0.3*Bay, Ba=0.3*Bax+Bay)







PANEL STATİK HESAP SONUÇLARI (tm)

ANALİZLERDE, ÇATLAMIŞ KESİT ETKİN KESİT RİJİTLİK ÇARPANI DİKKATE ALINMIŞTIR TBDY2018 4.5.8

P111	I=37 Üst Mx	J=38 Alt Mx	Io=49 Üst My	Jo=14 Alt My	K=1 Tx	L=2 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	0.41	6.86	1.25	0.28	1.45	0.31	-6.74	6.68	-8.47	8.21	16.6
QQQQQQ	-0.93	0.03	0.55	0.24	-0.18	0.16	-0.85	4.49	0.20	2.28	2.0
Q_Q_Q	0.17	-0.30	0.32	0.13	-0.03	0.09	-0.85	3.14	0.29	0.86	0.5
_Q_Q_Q	-1.09	0.33	0.24	0.11	-0.15	0.07	0.00	1.19	-0.12	1.36	1.4
QQ_QQ	-1.08	0.34	0.23	0.11	-0.15	0.07	0.00	1.12	-0.16	1.35	1.5
_QQ_QQ	-0.11	-0.33	0.55	0.22	-0.09	0.15	-0.88	3.77	0.38	1.24	0.8
Q_QQ_Q	-0.66	0.05	0.32	0.15	-0.12	0.09	-0.83	3.77	0.11	1.83	1.7
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.12	0.00	0.00	0.0
Deprem+X	65.43	96.51	0.07	0.26	32.39	0.07	-2.81	-1.75	-30.58	-7.25	23.3
Deprem-X	75.99	106.88	-0.05	0.17	36.57	0.02	-3.03	-1.99	-34.03	-9.75	24.2
Deprem+Y	0.58	1.06	0.18	0.25	0.33	0.08	0.00	3.07	1.31	0.03	-1.2
Deprem-Y	-0.77	-0.27	0.19	0.26	-0.21	0.09	0.02	3.10	1.75	0.35	-1.3
Deprem Z	0.25	4.12	0.75	0.17	0.87	0.18	-4.05	4.01	0.00	0.00	10.0
Rüzgar X	3.50	5.04	0.00	0.01	1.71	0.00	-0.14	-0.09	-1.60	-0.42	1.1
Rüzgar Y	-0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.12	0.06	0.01	-0.0
P112	I=38 Üst Mx	J=39 Alt Mx	Io=50 Üst My	Jo=16 Alt My	K=2 Tx	L=3 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	-2.17	-5.18	1.27	0.27	-1.47	0.31	-7.17	7.17	-7.38	8.55	15.9
QQQQQQ	-0.32	0.19	0.54	0.23	-0.03	0.16	-4.46	0.89	-1.26	-0.49	0.7
Q_Q_Q	0.51	-0.34	0.31	0.14	0.03	0.09	-2.13	0.06	-1.16	-0.23	0.9
_Q_Q_Q	-0.84	0.53	0.24	0.10	-0.06	0.07	-2.18	0.84	-0.04	-0.23	-0.1
QQ_QQ	-0.85	0.52	0.23	0.10	-0.07	0.07	-2.11	0.84	-0.03	-0.19	-0.1
_QQ_QQ	0.33	-0.31	0.55	0.23	0.01	0.16	-2.97	0.27	-1.44	-0.19	1.2
Q_QQ_Q	-0.15	0.18	0.31	0.14	0.01	0.09	-3.54	0.68	-0.92	-0.54	0.3
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.12	0.00	0.00	0.0
Deprem+X	65.43	96.51	-0.07	-0.26	32.39	-0.07	-1.74	-2.81	-7.25	-30.57	-23.3
Deprem-X	75.98	106.88	0.05	-0.17	36.57	-0.02	-1.98	-3.03	-9.75	-34.02	-24.2
Deprem+Y	1.06	0.55	0.20	0.26	0.32	0.09	-3.10	-0.03	-0.42	-1.84	-1.4
Deprem-Y	-0.29	-0.77	0.18	0.25	-0.21	0.09	-3.07	0.00	-0.10	-1.40	-1.3
Deprem Z	-1.30	-3.11	0.77	0.16	-0.88	0.19	-4.31	4.31	0.00	0.00	9.5
Rüzgar X	3.50	5.04	0.00	-0.01	1.71	0.00	-0.09	-0.14	-0.42	-1.60	-1.1
Rüzgar Y	0.01	-0.01	0.01	0.01	0.00	0.00	-0.12	0.00	-0.01	-0.06	-0.0
P113	I=46 Üst Mx	J=47 Alt Mx	Io=51 Üst My	Jo=19 Alt My	K=10 Tx	L=11 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	0.40	6.85	-1.25	-0.28	1.45	-0.31	-6.74	6.69	-8.46	8.22	16.6
QQQQQQ	-0.43	0.55	-0.56	-0.22	0.02	-0.16	-0.87	4.63	0.17	2.09	1.9
Q_Q_Q	0.26	-0.27	-0.24	-0.09	0.00	-0.07	-0.83	1.93	-0.04	0.50	0.5
_Q_Q_Q	-0.68	0.82	-0.33	-0.13	0.03	-0.09	-0.05	2.53	0.18	1.52	1.3
QQ_QQ	-0.66	0.82	-0.34	-0.13	0.03	-0.09	-0.04	2.29	0.07	1.50	1.4
_QQ_QQ	0.32	-0.06	-0.22	-0.10	0.05	-0.07	-0.84	1.97	-0.09	0.53	0.6
Q_QQ_Q	-0.50	0.33	-0.57	-0.22	-0.03	-0.16	-0.87	4.67	0.32	2.01	1.6
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.12	0.00	0.00	0.0
Deprem+X	75.76	106.65	0.04	-0.17	36.48	-0.03	-3.03	-1.98	-33.95	-9.69	24.2
Deprem-X	65.20	96.28	-0.07	-0.26	32.30	-0.07	-2.81	-1.73	-30.50	-7.19	23.3
Deprem+Y	-0.58	-1.06	0.18	0.25	-0.33	0.08	0.00	-3.06	-1.30	-0.03	1.2
Deprem-Y	0.77	0.27	0.19	0.26	0.21	0.09	-0.02	-3.09	-1.75	-0.35	1.3
Deprem Z	0.24	4.11	-0.75	-0.17	0.87	-0.18	-4.05	4.02	0.00	0.00	10.0
Rüzgar X	3.50	5.04	0.00	-0.01	1.71	0.00	-0.14	-0.09	-1.60	-0.42	1.1
Rüzgar Y	0.01	-0.01	0.01	0.01	0.00	0.00	0.00	-0.12	-0.06	-0.01	0.0
P114	I=47 Üst Mx	J=48 Alt Mx	Io=52 Üst My	Jo=21 Alt My	K=11 Tx	L=12 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	-2.18	-5.20	-1.27	-0.27	-1.48	-0.31	-7.18	7.17	-7.37	8.54	15.9
QQQQQQ	0.20	0.66	-0.55	-0.21	0.17	-0.15	-4.62	0.87	-1.44	-0.70	0.7
Q_Q_Q	0.41	-0.37	-0.23	-0.10	0.01	-0.07	-0.92	0.03	-0.80	0.10	0.9
_Q_Q_Q	-0.22	1.03	-0.32	-0.12	0.16	-0.09	-3.54	0.84	-0.57	-0.77	-0.2
QQ_QQ	-0.24	1.02	-0.33	-0.12	0.15	-0.09	-3.30	0.83	-0.55	-0.65	-0.1
_QQ_QQ	0.46	-0.24	-0.22	-0.10	0.04	-0.06	-0.96	0.04	-0.78	0.03	0.8
Q_QQ_Q	0.17	0.54	-0.56	-0.21	0.14	-0.15	-4.67	0.87	-1.42	-0.73	0.6
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.12	0.00	0.00	0.0
Deprem+X	75.76	106.65	-0.04	0.17	36.48	0.03	-1.99	-3.03	-9.69	-33.96	-24.2
Deprem-X	65.20	96.28	0.07	0.26	32.30	0.07	-1.75	-2.81	-7.19	-30.51	-23.3
Deprem+Y	-1.06	-0.56	0.20	0.26	-0.32	0.09	3.10	0.03	0.42	1.84	1.4
Deprem-Y	0.29	0.77	0.18	0.25	0.21	0.09	3.07	0.00	0.10	1.40	1.3
Deprem Z	-1.31	-3.12	-0.76	-0.16	-0.89	-0.19	-4.32	4.31	0.00	0.00	9.5
Rüzgar X	3.50	5.04	0.00	0.01	1.71	0.00	-0.09	-0.14	-0.42	-1.60	-1.1
Rüzgar Y	-0.01	0.01	0.01	0.01	0.00	0.00	0.12	0.00	0.01	0.06	0.0

PANEL STATİK HESAP SONUÇLARI (tm)

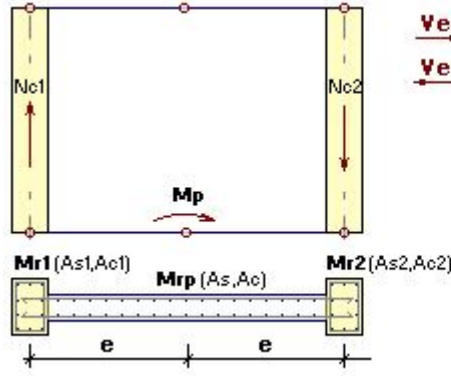
P115	I=44 Üst Mx	J=46 Alt Mx	Io=53 Üst My	Jo=24 Alt My	K=8 Tx	L=10 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	0.14	0.86	-14.45	20.74	0.20	1.26	0.99	8.60	-4.29	13.72	18.0
QQQQQQ	0.00	0.03	-6.32	4.61	0.01	-0.34	2.98	-2.28	0.37	2.38	2.0
Q_Q_Q	0.00	0.01	-2.63	2.28	0.00	-0.07	3.27	-1.86	0.88	0.70	-0.1
Q_Q_Q	-0.01	0.02	-3.61	2.25	0.00	-0.27	-0.37	-0.44	-0.53	1.63	2.1
QQ_QQ	-0.01	0.03	-4.35	2.91	0.00	-0.29	0.01	-0.82	-0.43	1.82	2.2
QQ_QQ	0.01	0.02	-1.23	0.53	0.00	-0.14	3.02	-1.49	0.58	0.50	-0.0
Q_QQ_Q	-0.01	0.02	-6.91	5.63	0.00	-0.26	2.77	-2.30	0.56	2.34	1.7
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	1.49	3.39	31.59	-33.57	0.98	-0.40	-48.82	-0.43	-38.99	7.30	46.2
Deprem-X	1.31	3.10	12.66	-40.82	0.88	-5.63	-48.97	0.08	-34.83	10.70	45.5
Deprem+Y	-0.01	-0.03	15.25	16.65	-0.01	6.38	1.04	-0.62	-3.49	-2.32	1.1
Deprem-Y	0.01	0.01	17.67	17.58	0.00	7.05	1.06	-0.69	-4.02	-2.76	1.2
Deprem Z	0.08	0.52	-8.69	12.46	0.12	0.75	0.60	5.17	0.00	0.00	10.8
Rüzgar X	0.07	0.16	1.11	-1.84	0.05	-0.15	-2.42	-0.01	-1.83	0.44	2.2
Rüzgar Y	0.00	0.00	0.64	0.66	0.00	0.26	0.04	-0.03	-0.15	-0.10	0.0
P116	I=42 Üst Mx	J=44 Alt Mx	Io=54 Üst My	Jo=26 Alt My	K=6 Tx	L=8 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	0.12	1.39	-7.69	9.37	0.30	0.33	6.23	0.51	-9.25	14.59	23.8
QQQQQQ	0.00	0.05	-4.79	3.82	0.01	-0.19	3.00	-2.92	0.40	1.40	1.0
Q_Q_Q	0.00	0.02	-1.11	1.14	0.00	0.01	3.27	-3.25	0.46	-0.04	-0.5
Q_Q_Q	0.00	0.03	-3.65	2.65	0.01	-0.20	-0.37	0.41	-0.07	1.43	1.5
QQ_QQ	0.00	0.03	-4.26	3.32	0.01	-0.19	-0.15	0.04	0.02	1.52	1.5
QQ_QQ	0.00	0.03	0.53	-1.06	0.01	-0.10	3.38	-3.01	0.12	-0.18	-0.2
Q_QQ_Q	0.00	0.04	-5.77	5.32	0.01	-0.09	2.57	-2.71	0.66	1.43	0.7
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	0.32	2.88	25.07	-13.50	0.64	2.31	-69.06	48.48	-27.38	10.47	37.8
Deprem-X	0.29	2.79	3.06	-20.74	0.62	-3.54	-68.86	49.01	-23.07	14.58	37.6
Deprem+Y	0.00	-0.01	17.83	19.17	0.00	7.40	-0.22	-1.48	-3.62	-3.61	0.0
Deprem-Y	0.00	0.00	20.64	20.10	0.00	8.15	-0.25	-1.54	-4.17	-4.14	0.0
Deprem Z	0.07	0.84	-4.62	5.63	0.18	0.20	3.74	0.31	0.00	0.00	14.3
Rüzgar X	0.02	0.14	0.71	-0.85	0.03	-0.03	-3.42	2.42	-1.25	0.62	1.8
Rüzgar Y	0.00	0.00	0.75	0.76	0.00	0.30	-0.01	-0.06	-0.15	-0.15	0.0
P117	I=40 Üst Mx	J=42 Alt Mx	Io=55 Üst My	Jo=28 Alt My	K=4 Tx	L=6 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	0.12	1.39	7.67	-9.30	0.30	-0.33	-0.52	-6.23	-14.59	9.25	23.8
QQQQQQ	0.00	0.05	-1.63	0.23	0.01	-0.28	10.82	-2.96	1.83	1.69	-0.1
Q_Q_Q	0.00	0.02	1.06	-1.14	0.00	-0.02	3.16	-3.27	0.03	-0.46	-0.4
Q_Q_Q	0.00	0.03	-2.73	1.40	0.00	-0.26	7.58	0.40	1.81	2.16	0.3
QQ_QQ	0.00	0.03	-3.17	1.89	0.00	-0.26	7.69	0.19	1.86	2.23	0.3
QQ_QQ	0.00	0.03	2.89	-3.53	0.01	-0.13	3.69	-3.39	-0.33	-0.63	-0.3
Q_QQ_Q	0.00	0.03	-3.05	2.17	0.01	-0.18	10.11	-2.53	2.15	1.79	-0.3
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	0.29	2.79	-3.53	20.68	0.62	3.43	-49.01	68.87	-14.50	23.16	37.6
Deprem-X	0.32	2.88	-25.54	13.44	0.64	-2.42	-48.47	69.07	-10.38	27.47	37.8
Deprem+Y	0.00	0.01	17.83	19.17	0.00	7.40	-1.47	-0.22	-3.61	-3.62	-0.0
Deprem-Y	0.00	0.00	20.64	20.09	0.00	8.15	-1.54	-0.25	-4.14	-4.17	-0.0
Deprem Z	0.07	0.84	4.61	-5.59	0.18	-0.20	-0.31	-3.74	0.00	0.00	14.3
Rüzgar X	0.02	0.14	-0.71	0.85	0.03	0.03	-2.42	3.42	-0.62	1.25	1.8
Rüzgar Y	0.00	0.00	0.75	0.76	0.00	0.30	-0.06	-0.01	-0.15	-0.15	0.0
P118	I=37 Üst Mx	J=40 Alt Mx	Io=56 Üst My	Jo=29 Alt My	K=1 Tx	L=4 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	0.14	0.87	14.43	-20.67	0.20	-1.25	-8.60	-0.98	-13.72	4.30	18.0
QQQQQQ	-0.01	0.02	3.63	-2.41	0.00	0.24	2.32	-8.84	-2.50	-1.48	1.0
Q_Q_Q	0.00	0.01	2.54	-2.30	0.00	0.05	1.67	-3.18	-0.69	-0.90	-0.2
Q_Q_Q	-0.01	0.01	1.02	-0.04	0.00	0.20	0.68	-5.58	-1.76	-0.56	1.2
QQ_QQ	-0.01	0.02	0.72	0.27	0.00	0.20	0.68	-5.68	-1.73	-0.52	1.2
QQ_QQ	0.00	0.01	4.44	-4.49	0.00	-0.01	2.36	-3.72	-1.20	-1.08	0.1
Q_QQ_Q	-0.01	0.01	1.95	-0.46	0.00	0.30	1.64	-8.11	-1.98	-1.32	0.6
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	1.31	3.11	-13.06	40.76	0.88	5.54	-0.07	48.97	-10.63	34.92	45.5
Deprem-X	1.49	3.40	-31.99	33.50	0.98	0.30	0.44	48.82	-7.22	39.08	46.3
Deprem+Y	0.01	0.03	15.25	16.65	0.01	6.38	-0.62	1.04	-2.32	-3.49	-1.1
Deprem-Y	-0.01	-0.01	17.67	17.58	0.00	7.05	-0.68	1.06	-2.76	-4.02	-1.2
Deprem Z	0.09	0.52	8.68	-12.43	0.12	-0.75	-5.17	-0.59	0.00	0.00	10.8
Rüzgar X	0.07	0.16	-1.11	1.84	0.05	0.15	0.01	2.42	-0.44	1.83	2.2
Rüzgar Y	0.00	0.00	0.64	0.66	0.00	0.26	-0.03	0.04	-0.10	-0.15	-0.0
P119	I=45 Üst Mx	J=48 Alt Mx	Io=57 Üst My	Jo=31 Alt My	K=9 Tx	L=12 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	-0.16	-0.82	-18.59	24.08	-0.19	1.10	7.95	1.87	-1.95	13.08	15.0
QQQQQQ	0.00	0.00	-4.20	4.72	0.00	0.10	4.73	-2.36	1.49	1.09	-0.4
Q_Q_Q	0.00	-0.03	-1.34	1.10	0.00	-0.05	0.93	-0.70	-0.19	0.81	1.0
Q_Q_Q	0.00	0.02	-2.79	3.55	0.00	0.15	3.73	-1.68	1.66	0.24	-1.4
QQ_QQ	0.00	0.02	-3.52	4.20	0.00	0.14	4.10	-2.05	1.76	0.43	-1.3
QQ_QQ	0.00	-0.03	0.43	-0.38	0.00	0.01	1.06	-0.34	-0.32	0.43	0.7
Q_QQ_Q	0.00	0.00	-5.17	5.47	0.00	0.06	4.16	-2.36	1.50	1.23	-0.2
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	1.49	3.39	-31.63	33.68	0.98	0.41	48.83	0.43	39.00	-7.29	-46.2
Deprem-X	1.31	3.10	-12.70	40.91	0.88	5.64	48.97	-0.08	34.84	-10.69	-45.5
Deprem+Y	-0.02	-0.01	18.22	17.79	-0.01	7.20	1.08	-0.70	-4.14	-2.85	1.2
Deprem-Y	0.01	0.02	15.81	16.87	0.01	6.53	1.06	-0.63	-3.61	-2.42	1.1
Deprem Z	-0.10	-0.49	-11.17	14.47	-0.12	0.66	4.78	1.12	0.00	0.00	9.0
Rüzgar X	0.07	0.16	-1.11	1.85	0.05	0.15	2.42	0.01	1.83	-0.44	-2.2
Rüzgar Y	0.00	0.00	0.64	0.66	0.00	0.26	0.04	-0.03	-0.15	-0.10	0.0

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P120	I=43 Üst Mx	J=45 Alt Mx	Io=58 Üst My	Jo=33 Alt My	K=7 Tx	L=9 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	-0.12	-1.34	-9.27	11.15	-0.29	0.38	12.67	-6.42	-7.27	13.02	20.2
QQQQQQ	0.00	-0.03	-2.14	3.01	-0.01	0.17	4.93	-4.71	0.78	0.10	-0.6
Q_Q_Q	0.00	-0.04	-0.54	0.54	-0.01	0.00	0.80	-0.92	-0.35	0.50	0.8
_Q_Q_Q	0.00	0.01	-1.56	2.43	0.00	0.17	4.04	-3.71	1.12	-0.42	-1.5
QQ_QQ	0.00	0.01	-2.18	3.10	0.00	0.18	4.26	-4.08	1.20	-0.33	-1.5
_QQ_QQ	0.00	-0.04	1.62	-1.64	-0.01	0.00	1.55	-1.07	-0.59	0.16	0.7
Q_QQ_Q	0.00	-0.02	-3.66	4.48	0.00	0.17	3.88	-4.12	0.93	0.34	-0.5
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	0.32	2.88	-25.13	13.70	0.64	-2.29	69.06	-48.48	27.39	-10.46	-37.8
Deprem-X	0.29	2.79	-3.12	20.95	0.62	3.57	68.86	-49.02	23.08	-14.58	-37.6
Deprem+Y	0.00	0.00	21.29	20.42	0.00	8.34	-0.24	-1.57	-4.30	-4.26	0.0
Deprem-Y	0.00	0.01	18.48	19.49	0.00	7.59	-0.22	-1.50	-3.75	-3.73	0.0
Deprem Z	-0.07	-0.80	-5.57	6.70	-0.17	0.23	7.62	-3.86	0.00	0.00	12.1
Rüzgar X	0.02	0.14	-0.71	0.86	0.03	0.03	3.42	-2.42	1.25	-0.62	-1.8
Rüzgar Y	0.00	0.00	0.75	0.76	0.00	0.30	-0.01	-0.06	-0.15	-0.15	0.0
P121	I=41 Üst Mx	J=43 Alt Mx	Io=59 Üst My	Jo=35 Alt My	K=5 Tx	L=7 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	-0.12	-1.34	9.20	-11.07	-0.29	-0.37	6.42	-12.67	-13.01	7.28	20.2
QQQQQQ	0.00	-0.03	1.12	-0.49	-0.01	0.13	4.55	-4.93	0.07	-0.63	-0.7
Q_Q_Q	0.00	-0.04	0.49	-0.54	-0.01	-0.01	0.83	-0.80	-0.51	0.34	0.8
_Q_Q_Q	0.00	0.01	0.59	0.09	0.00	0.14	3.64	-4.04	0.60	-0.97	-1.5
QQ_QQ	0.00	0.01	0.15	0.58	0.00	0.15	3.75	-4.26	0.66	-0.90	-1.5
_QQ_QQ	0.00	-0.04	3.16	-3.26	-0.01	-0.02	2.35	-1.56	-0.77	-0.11	0.6
Q_QQ_Q	0.00	-0.02	-1.13	1.78	-0.01	0.13	2.86	-3.87	0.29	-0.25	-0.5
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	0.29	2.79	3.48	-20.69	0.62	-3.44	49.00	-68.86	14.51	-23.15	-37.6
Deprem-X	0.32	2.88	25.49	-13.44	0.64	2.41	48.46	-69.07	10.40	-27.47	-37.8
Deprem+Y	0.00	0.00	21.29	20.41	0.00	8.34	-1.56	-0.26	-4.26	-4.30	-0.0
Deprem-Y	0.00	-0.01	18.48	19.49	0.00	7.59	-1.49	-0.23	-3.73	-3.75	-0.0
Deprem Z	-0.07	-0.80	5.53	-6.65	-0.17	-0.22	3.86	-7.62	0.00	0.00	12.1
Rüzgar X	0.02	0.14	0.71	-0.85	0.03	-0.03	2.42	-3.42	0.62	-1.25	-1.8
Rüzgar Y	0.00	0.00	0.75	0.76	0.00	0.30	-0.06	-0.01	-0.15	-0.15	0.0
P122	I=39 Üst Mx	J=41 Alt Mx	Io=60 Üst My	Jo=36 Alt My	K=3 Tx	L=5 Ty	SolM	Cqa=1.00 SagM	Material:E1 SolV	SagV	Nz
GGGGGG	-0.16	-0.82	18.52	-24.13	-0.19	-1.12	-1.87	-7.95	-13.07	1.96	15.0
QQQQQQ	0.00	-0.01	3.32	-2.52	0.00	0.16	2.36	-4.58	-0.85	-1.33	-0.4
Q_Q_Q	0.00	-0.02	1.25	-1.13	0.00	0.02	0.50	-0.84	-0.80	0.17	0.9
_Q_Q_Q	-0.01	0.01	2.00	-1.32	0.00	0.14	1.88	-3.66	-0.01	-1.48	-1.4
QQ_QQ	-0.01	0.01	1.70	-1.01	0.00	0.14	1.88	-3.77	0.03	-1.44	-1.4
_QQ_QQ	0.00	-0.03	4.33	-3.71	0.00	0.13	2.51	-2.38	-1.36	-0.29	1.0
Q_QQ_Q	0.00	-0.01	0.46	-0.17	0.00	0.06	0.37	-2.86	-0.27	-0.88	-0.6
Zemin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	0.00	0.0
Deprem+X	1.31	3.11	13.01	-40.86	0.88	-5.57	0.07	-48.96	10.64	-34.90	-45.5
Deprem-X	1.49	3.40	31.94	-33.60	0.98	-0.33	-0.44	-48.82	7.23	-39.07	-46.3
Deprem+Y	0.02	0.01	18.23	17.87	0.01	7.22	-0.70	1.07	-2.86	-4.15	-1.2
Deprem-Y	-0.01	-0.02	15.82	16.94	-0.01	6.55	-0.63	1.05	-2.42	-3.62	-1.2
Deprem Z	-0.09	-0.49	11.13	-14.50	-0.12	-0.67	-1.12	-4.78	0.00	0.00	9.0
Rüzgar X	0.07	0.16	1.10	-1.85	0.05	-0.15	-0.01	-2.42	0.44	-1.83	-2.2
Rüzgar Y	0.00	0.00	0.64	0.66	0.00	0.26	-0.03	0.04	-0.10	-0.15	-0.0

PANEL BETONARME HESAP SONUÇLARI

Panel		N (t)	maxM	fcd	ρ	As	Donatı
P111	Bx=310 By=40 I/J :49/14 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.16 > 3/(1+Hw/Lw)=	X-(G+Q) 26.679 X-(G+Q+E) 55.447 Y-(G+Q) 26.679 Y-(G+Q+E) 54.133 Y-(Zemin) 26.679 1.39	10.16 156.71 2.64 1.46 0.00	200.0 200.0 200.0 200.0 200.0	0.0010 0.0010 0.0020 0.0010 0.0020	12.40 12.40 25.41 12.40 8.19	2x20ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P112	Bx=310 By=40 I/J :50/16 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.16 > 3/(1+Hw/Lw)=	X-(G+Q) 23.533 X-(G+Q+E) 50.367 Y-(G+Q) 23.533 Y-(G+Q+E) 21.544 Y-(Zemin) 23.533 1.39	-7.79 -153.79 2.67 2.33 0.00	200.0 200.0 200.0 200.0 200.0	0.0010 0.0010 0.0021 0.0010 0.0021	12.40 12.40 25.91 12.40 8.36	2x20ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P113	Bx=310 By=40 I/J :51/19 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.16 > 3/(1+Hw/Lw)=	X-(G+Q) 26.404 X-(G+Q+E) 55.250 Y-(G+Q) 26.404 Y-(G+Q+E) 50.930 Y-(Zemin) 26.404 1.39	10.90 156.86 -2.66 1.38 0.00	200.0 200.0 200.0 200.0 200.0	0.0010 0.0010 0.0021 0.0010 0.0021	12.40 12.40 25.45 12.40 8.21	2x20ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P114	Bx=310 By=40 I/J :52/21 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.16 > 3/(1+Hw/Lw)=	X-(G+Q) 23.457 X-(G+Q+E) 50.315 Y-(G+Q) 23.457 Y-(G+Q+E) 49.002 Y-(Zemin) 23.457 1.39	-7.86 -153.51 -2.67 1.32 0.00	200.0 200.0 200.0 200.0 200.0	0.0010 0.0010 0.0021 0.0010 0.0021	12.40 12.40 25.92 12.40 8.36	2x20ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P115	Bx=40 By=430 I/J :53/24 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 28.435 X-(G+Q+E) 92.709 Y-(G+Q) 28.435 Y-(G+Q+E) 91.577 X-(Zemin) 28.435 1.50	1.26 6.14 38.04 91.34 0.00	200.0 200.0 200.0 200.0 200.0	0.0057 0.0010 0.0010 0.0010 0.0057	97.56 17.20 17.20 17.20 22.68	2x32ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P116	Bx=40 By=460 I/J :54/26 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 34.980 X-(G+Q+E) 85.921 Y-(G+Q) 34.980 Y-(G+Q+E) 81.623 X-(Zemin) 34.980 1.50	2.03 6.01 21.62 -51.08 0.00	200.0 200.0 200.0 200.0 200.0	0.0056 0.0010 0.0010 0.0010 0.0056	103.68 18.40 18.40 18.40 22.54	2x33ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P117	Bx=40 By=460 I/J :55/28 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 33.606 X-(G+Q+E) 85.064 Y-(G+Q) 33.606 Y-(G+Q+E) 85.064 X-(Zemin) 33.606 1.50	2.03 6.01 -18.67 50.26 0.00	200.0 200.0 200.0 200.0 200.0	0.0056 0.0010 0.0010 0.0010 0.0056	103.88 18.40 18.40 18.40 22.58	2x34ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P118	Bx=40 By=430 I/J :56/29 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 26.848 X-(G+Q+E) 91.727 Y-(G+Q) 26.848 Y-(G+Q+E) 87.347 X-(Zemin) 26.848 1.50	1.24 6.14 -36.12 -86.30 0.00	200.0 200.0 200.0 200.0 200.0	0.0057 0.0010 0.0010 0.0010 0.0057	97.80 17.20 17.20 17.20 22.74	2x32ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P119	Bx=40 By=430 I/J :57/31 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 21.679 X-(G+Q+E) 84.864 Y-(G+Q) 21.679 Y-(G+Q+E) 86.442 X-(Zemin) 21.679 1.50	-1.18 -5.93 42.48 95.26 0.00	200.0 200.0 200.0 200.0 200.0	0.0057 0.0010 0.0010 0.0010 0.0057	98.55 17.20 17.20 17.20 22.91	2x32ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P120	Bx=40 By=460 I/J :58/33 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 28.949 X-(G+Q+E) 77.412 Y-(G+Q) 28.949 Y-(G+Q+E) 80.771 X-(Zemin) 28.949 1.50	-1.94 -5.70 22.78 49.07 0.00	200.0 200.0 200.0 200.0 200.0	0.0057 0.0010 0.0010 0.0010 0.0057	104.56 18.40 18.40 18.40 22.73	2x34ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P121	Bx=40 By=460 I/J :59/35 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 28.952 X-(G+Q+E) 77.423 Y-(G+Q) 28.952 Y-(G+Q+E) 81.080 X-(Zemin) 28.952 1.50	-1.94 -5.70 -20.71 52.25 0.00	200.0 200.0 200.0 200.0 200.0	0.0057 0.0010 0.0010 0.0010 0.0057	104.56 18.40 18.40 18.40 22.73	2x34ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9
P122	Bx=40 By=430 I/J :60/36 Hk = 5.000 m Asw= 10.00 cm ² /m Hw/Lw = 1.00 > 3/(1+Hw/Lw)=	X-(G+Q) 21.735 X-(G+Q+E) 84.908 Y-(G+Q) 21.735 Y-(G+Q+E) 83.776 X-(Zemin) 21.735 1.50	-1.18 -5.93 -39.71 -89.12 0.00	200.0 200.0 200.0 200.0 200.0	0.0057 0.0010 0.0010 0.0010 0.0057	98.54 17.20 17.20 17.20 22.91	2x32ø20 (düşey) ø10/15 (yatay) TBDY2018-4.3.4.9



$$\overrightarrow{V_e} \quad Mr1=As1 f_{yd} e, \quad Mr2=0.85 A_{c2} f_{cd} + As2 f_{yd} e$$

$$\overleftarrow{V_e} \quad Mr1=0.85 A_{c1} f_{cd} + As1 f_{yd} e, \quad Mr2=As2 f_{yd} e$$

$$M_d = (M_{c1} + N_{c1} \times e) + (M_{c2} + N_{c2} \times e) + M_p$$

$$M_r = M_{rp} + M_{r1} + M_{r2} > M_d$$

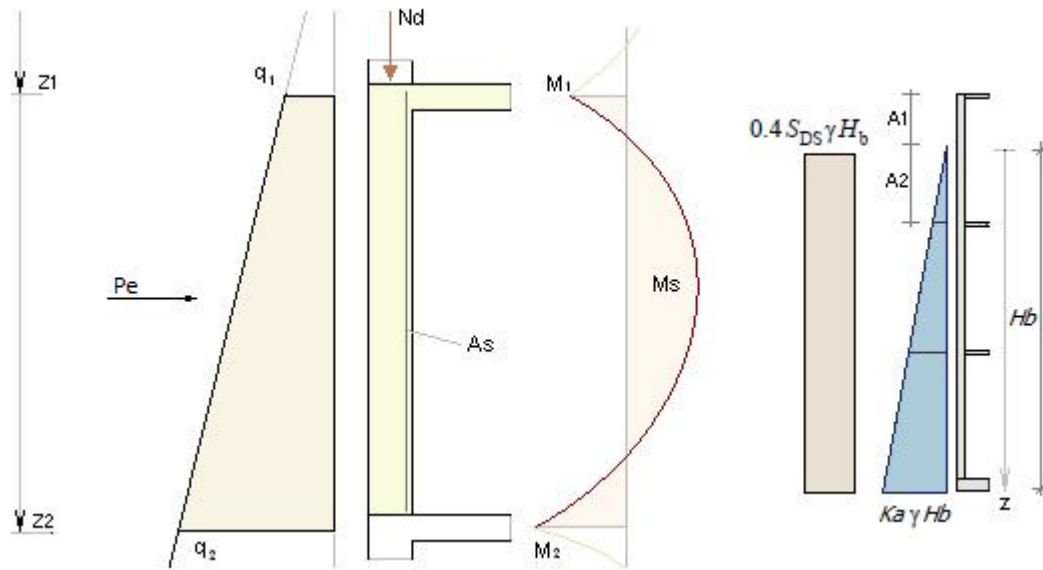
$$g_{sh} = \frac{2 \cdot A_{s_{ws}}}{A_{ch}} \frac{L_w}{s} \quad V_r = 0.22 A_{ch} f_{cd} > V_d$$

$$V_r = 0.65 f_{ctd} A_c + g_{sh} A_{ch} f_{yd} > V_d$$

PANEL MOMENT ve KESME KAPASİTE KONTROLÜ (tm)

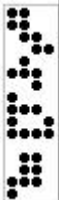
Panel	Kom.	Mp	Mc1	Mc2	Mrp	Mr1	Mr2	ΣMd	ΣMr	Vd	Vr	✓, ✗
P111	10	-99.99	-72.16	0.00	861.84	1192.48	268.42	172.14	2322.74	37.88	307.19	✓
P112	10	101.89	0.00	72.16	858.50	268.42	1192.48	174.05	2319.40	-38.11	307.19	✓
P113	9	114.04	72.16	0.00	939.45	240.76	1329.49	186.20	2509.70	37.98	307.19	✓
P114	9	102.11	0.00	72.15	858.50	268.42	1192.48	174.26	2319.40	-37.81	307.19	✓
P115	10	66.17	-126.04	105.04	1816.75	1738.46	350.85	45.17	3906.05	8.18	421.47	✓
P116	9	-37.55	-136.47	133.55	2002.34	1840.36	371.56	40.47	4214.26	8.45	442.87	✓
P117	10	31.58	-133.55	136.47	2053.66	1840.36	371.56	34.50	4265.57	-8.75	442.87	✓
P118	9	-63.85	-105.04	126.03	1814.57	1737.77	350.98	42.86	3903.33	-8.17	421.47	✓
P119	10	69.71	-126.04	105.03	1805.12	350.98	1737.77	48.71	3893.88	8.45	421.47	✓
P120	9	-36.54	-136.47	133.56	2044.42	371.56	1840.36	39.45	4256.33	8.90	442.87	✓
P121	10	35.81	-133.54	136.47	2044.42	371.56	1840.36	38.74	4256.33	-8.68	442.87	✓
P122	9	-67.50	-105.05	126.03	1805.03	350.85	1738.46	46.52	3894.33	-8.23	421.47	✓

PANELLER ZEMİN YÜKÜ ANALİZİ

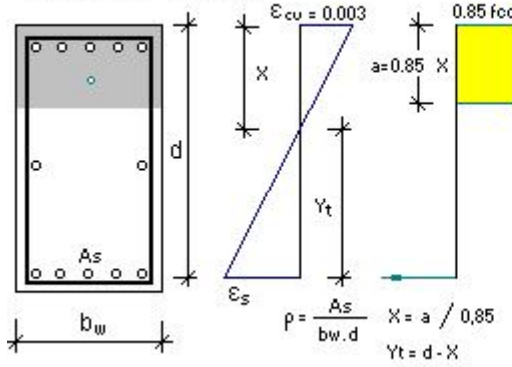


```
ZEMIN YUKU = Ka·(γ·Hb+q)
ZEMIN BIRIM HACIM AGIRLIGI = 1.0
ZEMIN ICSEL SURTUNME ACISI = 30.0
Kas=0.333 Birimler:(t,m)
```

Panel	KOMBIN	Z1/Z2	q1	q2	V1	V2	M1	M2	Ms	maxM/As	Donatı
P111 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	4.55 0.00	15.45 0.00	0.00 0.00	11.12 0.00	0.00 0.00	11.12 8.19	ø20/16 (As=20.25 cm ² /m) Su yuku
P112 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	4.55 0.00	15.45 0.00	0.00 0.00	11.12 0.00	0.00 0.00	11.12 8.36	ø20/16 (As=20.25 cm ² /m) Su yuku
P113 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	4.55 0.00	15.45 0.00	0.00 0.00	11.12 0.00	0.00 0.00	11.12 8.21	ø20/16 (As=20.25 cm ² /m) Su yuku
P114 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	4.55 0.00	15.45 0.00	0.00 0.00	11.12 0.00	0.00 0.00	11.12 8.36	ø20/16 (As=20.25 cm ² /m) Su yuku
P115 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	-11.97 0.00	31.97 0.00	0.00 0.00	27.49 0.00	0.00 0.00	27.49 22.68	ø20/13 (As=23.36 cm ² /m) Su yuku
P116 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	-11.97 0.00	31.97 0.00	0.00 0.00	27.49 0.00	0.00 0.00	27.49 22.54	ø20/14 (As=22.53 cm ² /m) Su yuku
P117 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	-11.97 0.00	31.97 0.00	0.00 0.00	27.49 0.00	0.00 0.00	27.49 22.58	ø20/14 (As=23.21 cm ² /m) Su yuku
P118 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 1.80	5.00 1.80	-11.97 -10.89	31.97 17.85	0.00 0.00	27.49 22.09	0.00 0.00	27.49 22.74	ø20/13 (As=23.36 cm ² /m) Zemin yuku
P119 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	-11.97 0.00	31.97 0.00	0.00 0.00	27.49 0.00	0.00 0.00	27.49 22.91	ø20/13 (As=23.36 cm ² /m) Su yuku
P120 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	-11.97 0.00	31.97 0.00	0.00 0.00	27.49 0.00	0.00 0.00	27.49 22.73	ø20/14 (As=23.21 cm ² /m) Su yuku
P121 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	-11.97 0.00	31.97 0.00	0.00 0.00	27.49 0.00	0.00 0.00	27.49 22.73	ø20/14 (As=23.21 cm ² /m) Su yuku
P122 Hb=5.0	1.6 S S + E	0.00 5.00	0.00 0.00	5.00 0.00	-11.97 0.00	31.97 0.00	0.00 0.00	27.49 0.00	0.00 0.00	27.49 22.91	ø20/13 (As=23.36 cm ² /m) Su yuku



ANİ SEHİM HESABI



$$\rho_b = \frac{0.85 \cdot 0.85 \cdot f_{cd}}{f_{yd}} \cdot \frac{6000}{6000 + f_{yd}} \quad X = \frac{6000}{6000 + f_{yd}} d$$

$$\rho < \rho_b \quad \text{Çekme kırılması}$$

$$a = \frac{A_s \cdot f_{yd}}{0.85 \cdot f_{cd} \cdot b_w}$$

$$\rho > \rho_b \quad \text{Baskın kırılması}$$

$$(0.85 \cdot f_{cd} \cdot b_w) \cdot a^2 + (6000 \cdot A_s) \cdot a - (6000 \cdot A_s \cdot 0.85 \cdot d) = 0$$

$$a = \frac{6000 \cdot A_s \cdot [\sqrt{1 + f_{cd} \cdot b_w \cdot d / (2076 \cdot A_s)} - 1]}{1.7 \cdot f_{cd} \cdot b_w}$$

Çatlamış kesit atalet momenti

$$M_{cr} = 2.5 \cdot f_{ctd} \cdot I_c / y \quad I_c = b_w \cdot d^3 / 12$$

$$I_{cr} = b_w \cdot X^3 / 3 + E_s / E_c \cdot A_s \cdot (d' - X)^2$$

$$I_{ef} = \left[\frac{M_{cr}}{M_{max}} \right]^3 \cdot I_c + \left[1 - \left(\frac{M_{cr}}{M_{max}} \right)^3 \right] \cdot I_{cr}$$

 δ_i = Ani sehım δ_t = Zamana bağılı sehım

$$\lambda = \frac{2}{1 + 50 \cdot \rho'}$$

$$\delta_t = \delta_i + \delta_{ig} \cdot \lambda$$

KİRİŞ SEHİM ve ÇATLAK KONTROLÜ (TS500-13.2.4)

Kiriş no	sol T (t)	sağ T (t)	sol M (tm)	sağ M (tm)	M ac. (tm)	Wk mm	fmax mm	Elastik Sehım mm	Ani (δ_i) Sehım mm	$\delta_i + \delta_{ig} \cdot \lambda$ Sehım mm	✓ ✗
K101	2.25	-2.25	1.58	-1.59	0.84	0.22	L/360= 10.28	0.041	0.041	0.090	✓
K102	2.72	-6.78	2.10	-3.86	1.27	0.22	L/360= 10.28	0.072	0.072	0.181	✓
K103	2.25	-2.25	1.58	-1.59	0.84	0.22	L/360= 10.28	0.041	0.041	0.090	✓
K104	2.72	-6.78	2.10	-3.86	1.27	0.22	L/360= 10.28	0.072	0.072	0.181	✓
K105	3.20	0.00	4.71	0.00	-0.01	0.24	L/360= 3.82	0.113	0.113	0.245	✓
K106	-1.91	-3.20	0.24	-4.95	-0.26	0.24	L/360= 3.82	0.123	0.123	0.267	✓
K107	8.04	0.00	11.16	0.00	-0.01	0.16	L/360= 3.82	0.328	0.915	1.788	✓
K108	-6.12	-8.04	-0.23	-10.92	0.19	0.16	L/360= 3.82	0.309	0.863	1.686	✓
K109	7.22	0.00	11.84	0.00	-0.01	0.20	L/360= 3.82	0.309	0.957	2.047	✓
K110	-5.93	-7.22	-0.01	-11.83	-0.05	0.20	L/360= 3.82	0.303	0.937	2.003	✓

w : Kiriş üzerinde kat yüksekliğinde tuğla duvar

KAT BURKULMA HESABI (t) (TS500-7.6)

$\theta = 1.5 \sum (\Delta i \text{ Ndi} / L) / Vfi$ $\theta \leq 0.05$ Kat yanal deplasmanı önlenmiş, $\theta > 0.05$ Kat yanal deplasmanı önlenmemiş
 $\beta s = 1 / (1 - 1.3 * \sum Ng / \sum Nd) \geq 1$ Kat burkulması
 $\sum Nd \leq 0.45 \sum Nkr$ ✓ , $\sum Nd > 0.45 \sum Nkr$ ✗ (Kat kolonları büyütülecektir.)

Kat	$\sum (\Delta i \text{ Ndi} / L)$	Vfi	θ	$\sum Ng$	$\sum Nkr$	βs	$\sum Nd \leq 0.45 \sum Nkr$
1 X	0.562937	150.061	0.005627	466.4	7714680.0	1.0000	✓
1 Y	0.003621	63.278	0.000086	466.4	38812190.0	1.0000	✓

KOLON BURKULMA HESAP SONUÇLARI

X Yönü				Y Yönü			
Kat :1 $\alpha u = 0.001$ S101 $\alpha a = 0$ Kat :	(I/L)b=0.4918816 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.046 Lkr=0.224 Cmx=0.452 Rm=Ng/Nd=1.152	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2521.702 Nd=3.516 Nkr= π^2 EI/Lkr ² =4284.822 $\beta x = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.453$ $\lambda x = Lkr / ix = 1.9 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta x$	Kat :1 $\alpha u = 0.007$ S101 $\alpha a = 0$ Kat :	(I/L)b=0.340494 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.068 Lkr=0.302 Cmy=0.921 Rm=Ng/Nd=1.152	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=10086.807 Nd=3.516 Nkr= π^2 EI/Lkr ² =19969.14 $\beta y = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.921$ $\lambda y = Lkr / iy = 1.3 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta y$
Kat :1 $\alpha u = 0.002$ S102 $\alpha a = 0$ Kat :	(I/L)b=0.9837633 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Ix=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.093 Lkr=0.448 Cmx=0.931 Rm=Ng/Nd=0.913	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=11350.232 Nd=16.241 Nkr= π^2 EI/Lkr ² =19284.12 $\beta x = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.932$ $\lambda x = Lkr / ix = 1.9 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta x$	Kat :1 $\alpha u = 0.388$ S102 $\alpha a = 0$ Kat :	(I/L)b=0.00154085 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Iy=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.225 Cmy=0.44 Rm=Ng/Nd=0.913	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2837.558 Nd=16.241 Nkr= π^2 EI/Lkr ² =4271.826 $\beta y = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.442$ $\lambda y = Lkr / iy = 19.3 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta y$
Kat :1 $\alpha u = 0.001$ S103 $\alpha a = 0$ Kat :	(I/L)b=0.4918817 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.41 Cmx=0.4 Rm=Ng/Nd=0.802	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=3011.265 Nd=13.044 Nkr= π^2 EI/Lkr ² =5116.678 $\beta x = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.401$ $\lambda x = Lkr / ix = 20.9 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta x$	Kat :1 $\alpha u = 0.007$ S103 $\alpha a = 0$ Kat :	(I/L)b=0.340494 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.068 Lkr=0.302 Cmy=0.942 Rm=Ng/Nd=0.802	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=12045.061 Nd=13.044 Nkr= π^2 EI/Lkr ² =23845.95 $\beta y = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.943$ $\lambda y = Lkr / iy = 1.3 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta y$
Kat :1 $\alpha u = 20$ S104 $\alpha a = 0$ Kat :	(I/L)b=0 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.5 Cmx=0.552 Rm=Ng/Nd=1.356	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2303.74 Nd=7.605 Nkr= π^2 EI/Lkr ² =227.379 $\beta x = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.577$ $\lambda x = Lkr / ix = 21.6 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta x$	Kat :1 $\alpha u = 0.004$ S104 $\alpha a = 0$ Kat :	(I/L)b=0.6560974 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.065 Lkr=0.323 Cmy=0.958 Rm=Ng/Nd=1.356	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=9214.96 Nd=7.605 Nkr= π^2 EI/Lkr ² =14547.85 $\beta y = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.959$ $\lambda y = Lkr / iy = 1.4 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta y$
Kat :1 $\alpha u = 20$ S105 $\alpha a = 0$ Kat :	(I/L)b=0 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.5 Cmx=0.541 Rm=Ng/Nd=0.876	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2893.199 Nd=18.039 Nkr= π^2 EI/Lkr ² =285.559 $\beta x = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.589$ $\lambda x = Lkr / ix = 21.6 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta x$	Kat :1 $\alpha u = 0.004$ S105 $\alpha a = 0$ Kat :	(I/L)b=0.6560974 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.065 Lkr=0.323 Cmy=0.974 Rm=Ng/Nd=0.876	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=11572.798 Nd=18.039 Nkr= π^2 EI/Lkr ² =18270.22 $\beta y = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.975$ $\lambda y = Lkr / iy = 1.4 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta y$
Kat :1 $\alpha u = 20$ S106 $\alpha a = 0$ Kat :	(I/L)b=0 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.5 Cmx=0.561 Rm=Ng/Nd=1.21	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2456.112 Nd=9.843 Nkr= π^2 EI/Lkr ² =242.418 $\beta x = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.592$ $\lambda x = Lkr / ix = 21.6 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta x$	Kat :1 $\alpha u = 0.004$ S106 $\alpha a = 0$ Kat :	(I/L)b=0.6340579 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.065 Lkr=0.323 Cmy=0.978 Rm=Ng/Nd=1.21	yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=9824.448 Nd=9.843 Nkr= π^2 EI/Lkr ² =15509.9 $\beta y = Cm / (1-1.3 \text{ Nd/Nkr}) = 0.979$ $\lambda y = Lkr / iy = 1.4 < 100$ ✓ (Lk/i) < 35/√(Nd/fck Ac) >> $\beta = \beta y$

X Yönü			Y Yönü		
Kat :1 $\alpha u=20$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S107} \\ \text{I} \end{array}$ (I/L)b=0 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.5 Cmx=0.56 Rm=Ng/Nd=0.886	Kat :1 $\alpha u=0.004$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S107} \\ \text{I} \end{array}$ (I/L)b=0.6340579 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.065 Lkr=0.323 Cmy=0.581 Rm=Ng/Nd=0.886
yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2878.242 Nd=19.678 Nkr= π^2 EI/Lkr ² =284.083 βx =Cm/(1-1.3 Nd/Nkr)=0.615 λx =Lkr/ix=21.6<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βx			yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=11512.967 Nd=19.678 Nkr= π^2 EI/Lkr ² =18175.57 βy =Cm/(1-1.3 Nd/Nkr)=0.582 λy =Lkr/iy=1.4<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βy		
Kat :1 $\alpha u=20$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S108} \\ \text{I} \end{array}$ (I/L)b=0 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.5 Cmx=0.549 Rm=Ng/Nd=1.19	Kat :1 $\alpha u=0.004$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S108} \\ \text{I} \end{array}$ (I/L)b=0.6560974 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.068 Lkr=0.339 Cmy=0.977 Rm=Ng/Nd=1.19
yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2477.982 Nd=8.665 Nkr= π^2 EI/Lkr ² =244.577 βx =Cm/(1-1.3 Nd/Nkr)=0.576 λx =Lkr/ix=21.6<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βx			yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=9911.928 Nd=8.665 Nkr= π^2 EI/Lkr ² =15648.17 βy =Cm/(1-1.3 Nd/Nkr)=0.977 λy =Lkr/iy=1.5<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βy		
Kat :1 $\alpha u=20$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S109} \\ \text{I} \end{array}$ (I/L)b=0 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.5 Cmx=0.542 Rm=Ng/Nd=0.877	Kat :1 $\alpha u=0.004$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S109} \\ \text{I} \end{array}$ (I/L)b=0.6560974 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.068 Lkr=0.339 Cmy=0.957 Rm=Ng/Nd=0.877
yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2892.053 Nd=18.028 Nkr= π^2 EI/Lkr ² =285.446 βx =Cm/(1-1.3 Nd/Nkr)=0.591 λx =Lkr/ix=21.6<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βx			yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=11568.213 Nd=18.028 Nkr= π^2 EI/Lkr ² =18262.98 βy =Cm/(1-1.3 Nd/Nkr)=0.958 λy =Lkr/iy=1.5<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βy		
Kat :1 $\alpha u=0.001$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S110} \\ \text{I} \end{array}$ (I/L)b=0.4918816 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.046 Lkr=0.224 Cmx=0.439 Rm=Ng/Nd=1.103	Kat :1 $\alpha u=0.007$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S110} \\ \text{I} \end{array}$ (I/L)b=0.340494 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.502 Lkr=2.233 Cmy=0.93 Rm=Ng/Nd=1.103
yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2580.471 Nd=3.673 Nkr= π^2 EI/Lkr ² =4384.683 βx =Cm/(1-1.3 Nd/Nkr)=0.44 λx =Lkr/ix=1.9<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βx			yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=10321.886 Nd=3.673 Nkr= π^2 EI/Lkr ² =20434.53 βy =Cm/(1-1.3 Nd/Nkr)=0.93 λy =Lkr/iy=9.7<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βy		
Kat :1 $\alpha u=0.002$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S111} \\ \text{I} \end{array}$ (I/L)b=0.9837633 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Ix=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.093 Lkr=0.448 Cmx=0.927 Rm=Ng/Nd=0.911	Kat :1 $\alpha u=0.388$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S111} \\ \text{I} \end{array}$ (I/L)b=0.00154085 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Iy=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.225 Cmy=0.442 Rm=Ng/Nd=0.911
yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=11360.621 Nd=16.271 Nkr= π^2 EI/Lkr ² =19301.77 βx =Cm/(1-1.3 Nd/Nkr)=0.928 λx =Lkr/ix=1.9<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βx			yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=2840.155 Nd=16.271 Nkr= π^2 EI/Lkr ² =4275.736 βy =Cm/(1-1.3 Nd/Nkr)=0.444 λy =Lkr/iy=19.3<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βy		
Kat :1 $\alpha u=0.001$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S112} \\ \text{I} \end{array}$ (I/L)b=0.4918817 (I/L)c=0.00085333 (I/L)b=0	Hk= 5.000 Ix=0.00426667 Ac=0.32 k($\alpha u, \alpha a$)=0.5 Lkr=2.41 Cmx=0.4 Rm=Ng/Nd=0.806	Kat :1 $\alpha u=0.007$ $\alpha a=0$ Kat :	$\begin{array}{c} \text{I} \\ \text{S112} \\ \text{I} \end{array}$ (I/L)b=0.340494 (I/L)c=0.00341333 (I/L)b=0	Hk= 5.000 Iy=0.01706667 Ac=0.32 k($\alpha u, \alpha a$)=0.502 Lkr=2.233 Cmy=0.928 Rm=Ng/Nd=0.806
yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=3005.833 Nd=12.983 Nkr= π^2 EI/Lkr ² =5107.448 βx =Cm/(1-1.3 Nd/Nkr)=0.401 λx =Lkr/ix=20.9<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βx			yanal deplasman onlenmis EI=0.4 EcIc / (1 + Rm)=12023.331 Nd=12.983 Nkr= π^2 EI/Lkr ² =23802.93 βy =Cm/(1-1.3 Nd/Nkr)=0.929 λy =Lkr/iy=9.7<100 ✓ (Lk/i)<35/√(Nd/fck Ac)>> β = βy		

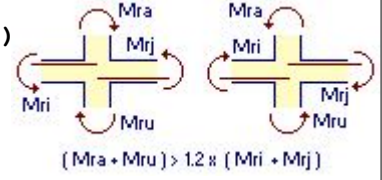


GÜÇLÜ KOLONLARIN, KAT KESME GÜVENLİĞİ (t)

(TBDY2018-7.3.5)

Kat	Dyf	Vsx	Vkx	α_x	Vsy	Vky	α_y
1	1	150.06	150.06	1.00	60.90	60.90	1.00

$V_s/V_k > .70$ KOŞULU SAĞLANMAKTADIR. GÜÇLÜ KOLONLAR, $(1/\alpha)$ ile ÇARPILMIŞTIR.
Tek katlı binalarda ve çok katlı binaların en üst katında bu kontrol yapılmaz

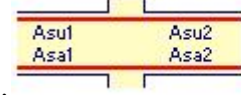


KOLON-KİRİŞ BİRLEŞİM KESME GÜVENLİK KONTROLU

TBDY 2018-7.5'e göre yapılmıştır.

 $V_e = 1.25 f_y k (A_{s1} + A_{s2}) - V_{kol} < V_{max} = (1.7 \div 1.0) b_j h_c \sqrt{f_{ck}}$

Konsol kirişler, Kolon-kiriş birleşim kontrolunda dikkate alınmamıştır.

 $b_j = \min(B_{w1}, B_{w2}, B_c, (B_{w1} + 2.X_1), (B_{w2} + 2.X_2))$ 

$$A_{st} > \begin{matrix} A_{s1} + A_{s2} \\ A_{s1} + A_{s2} \end{matrix}$$

Perdelerde kolon-kiriş birleşim kontrolu yapılmaz. Sadece kolonlarda yapılır.

Kolon-kiriş birleşim kesme kontrolu yapılacak kolon bulunmamıştır.

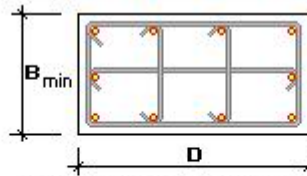
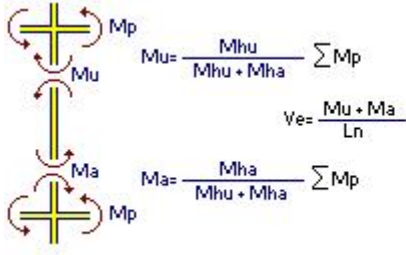
Kolon	Bx/By	bw1	bw2	bj	Asu1	Asa1	Asu2	Asa2	Ast	Vkol	Ve	Vmax	AÇIKLAMA



KOLONLARIN KESME DAYANIM KONTROLÜ

 $V_w = (A_{sw}/s) \cdot f_{ywd} \cdot d$, $V_{cr} = 0.65 \cdot f_{ctd} \cdot A_c$, $V_r = 0.8 \cdot V_{cr} + V_w$, $0.85 \cdot A_c \cdot \sqrt{f_{ck}} \geq V_d$ (t,cm²) TBDY2018-7.3.7 $V_{fr} = (f_{ctd} \cdot A_c + \mu \cdot A_s \cdot f_{yd}) > V_d$ İş Derzi Sürtünme Kesme Dayanımı TBDY2018-7.6.7.2 $V_{cr} = 0.2 \cdot f_{cd} \cdot A_c > V_d$ TS500-8.1.7 , $\mu = 1$ (pürüzlendirilmiş yüzey $\geq 5\text{mm}$) $f_{ctd} = 12.77 \text{ (kg/cm}^2\text{)}$

Kolon		Ac	As	A _{sw} /s	V _w	V _{cr}	V _d	V _r =0.8 V _{cr} + V _w	V _{fr}
S101	x	3200	25.14	0.3925	57.339	26.564	0.496	83.903 ✓	91.806 ✓
S101	y	3200	25.14	0.2355	68.807	26.564	0.501	95.371 ✓	91.806 ✓
S102	x	3200	25.14	0.2355	68.807	26.564	1.762	95.371 ✓	91.806 ✓
S102	y	3200	25.14	0.3925	57.339	26.564	2.085	83.903 ✓	91.806 ✓
S103	x	3200	25.14	0.3925	57.339	26.564	0.495	83.903 ✓	91.806 ✓
S103	y	3200	25.14	0.2355	68.807	26.564	0.487	95.371 ✓	91.806 ✓
S104	x	3200	25.14	0.3925	57.339	26.564	0.265	83.903 ✓	91.806 ✓
S104	y	3200	25.14	0.2355	68.807	26.564	0.213	95.371 ✓	91.806 ✓
S105	x	3200	25.14	0.3925	57.339	26.564	0.263	83.903 ✓	91.806 ✓
S105	y	3200	25.14	0.2355	68.807	26.564	0.214	95.371 ✓	91.806 ✓
S106	x	3200	25.14	0.3925	57.339	26.564	0.233	83.903 ✓	91.806 ✓
S106	y	3200	25.14	0.2355	68.807	26.564	0.201	95.371 ✓	91.806 ✓
S107	x	3200	25.14	0.3925	57.339	26.564	0.230	83.903 ✓	91.806 ✓
S107	y	3200	25.14	0.2355	68.807	26.564	0.202	95.371 ✓	91.806 ✓
S108	x	3200	25.14	0.3925	57.339	26.564	0.266	83.903 ✓	91.806 ✓
S108	y	3200	25.14	0.2355	68.807	26.564	0.214	95.371 ✓	91.806 ✓
S109	x	3200	25.14	0.3925	57.339	26.564	0.263	83.903 ✓	91.806 ✓
S109	y	3200	25.14	0.2355	68.807	26.564	0.214	95.371 ✓	91.806 ✓
S110	x	3200	25.14	0.3925	57.339	26.564	0.494	83.903 ✓	91.806 ✓
S110	y	3200	25.14	0.2355	68.807	26.564	0.499	95.371 ✓	91.806 ✓
S111	x	3200	25.14	0.2355	68.807	26.564	1.758	95.371 ✓	91.806 ✓
S111	y	3200	25.14	0.3925	57.339	26.564	2.080	83.903 ✓	91.806 ✓
S112	x	3200	25.14	0.3925	57.339	26.564	0.495	83.903 ✓	91.806 ✓
S112	y	3200	25.14	0.2355	68.807	26.564	0.488	95.371 ✓	91.806 ✓



Ln : Kolon kirişler arası serbest yüksekliği
Hk : Kolon kat yüksekliği
Fk : Kolon boyunca etriye alan toplamı
Letr : hesap doğrultusundaki etriye boylarının toplamı

$$\xi = \frac{F_k \cdot L_{etr}}{A_c \cdot H_k} \geq 0,0025$$

$$V_r = 0,65 \cdot A_c \cdot f_{ctd} + \xi \cdot A_c \cdot f_{yd} > V_e$$

$$\text{Dikdörtgen kolonlarda } L_{etr} \cong D \quad A_c = B \cdot D$$

$$\xi = \frac{F_k \cdot D}{B \cdot D \cdot H_k} = \frac{F_k}{B \cdot H_k}$$

$$V_r = 0,65 \cdot B \cdot D \cdot f_{ctd} + F_k \cdot D \cdot f_{yd} / H_k > V_e$$

$V_e > V_d(G+Q+D.E, B_{ax}+0.3 \times B_{ay}) \Rightarrow V_e = V_d(G+Q+D.E, B_{ax}+0.3 \times B_{ay})$
10cm'den geniş tuğla duvarlar, kesme güvenliğinde dikkate alınmıştır.
TBDY2018-7.3.7

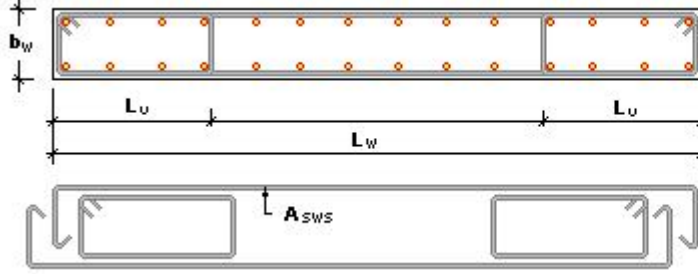
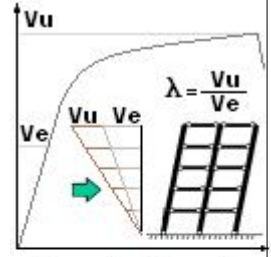
KOLONLARIN KESME GÜVENLİK KONTROLÜ

Kolon	Mp	+X Mc	Mr	Mp	-X Mc	Mr	Mp	+Y Mc	Mr	Mp	-Y Mc	Mr

Kısa kolon bulunmamıştır.
Kısa kolonlar; kolon kenarındaki dolgu duvarlarında pencere boşluğu nedeni ile oluşabilirler.
Kısa kolon olması durumunda, kesme güvenlik hesabı kısa kolon yüksekliğine göre yapılmaktadır.

PERDELERİN KESME GÜVENLİK KONTROLU

$V_r = A_{ch} (0.65 f_{ctd} + r_{sh} f_{yd})$ Perde Kesme Dayanımı
 $V_{rh} = 0.85 \times A_{ch} \times \sqrt{f_{ck}}$ Max. Beton Kesme Dayanımı
 $\rho_{shx} = A_{sws} \cdot (\sum L_{etrx} / s) / A_{ch}$ $\rho_{shy} = A_{sws} \cdot (\sum L_{etry} / s) / A_{ch}$
 $V_{fr} = (f_{ctd} \times A_{ch} + \mu \times A_{sws} \times f_{yd}) =$ İş Derzi Sürtünme Kesme Dayanımı TBDY2018-7.6.7.2
 B_v Perde dinamik etki parametresi
 $\Phi_m = (M_p / M_d) < \lambda = (V_u / V_e)$ Perde kesme kapasite büyütmesi
 $V_e = \beta_v \Phi V_d, \quad V_d = V(G+Q+E, B_{ax} + 0.3 \times B_{ay}) \quad V_e < V(G+Q+D, E, B_{ax} + 0.3 \times B_{ay})$ TBDY2018-7.6.6.3
 $\mu = 1$ (pürüzlendirilmiş yüzey $\geq 5\text{mm}$) $f_{ctd} = 12.77 \text{ (kg/cm}^2\text{)}$



Dikdörtgen perdelerde

$$g_{sh} = \frac{2 \cdot A_{sws} \cdot L_w}{A_{ch} \cdot s}$$

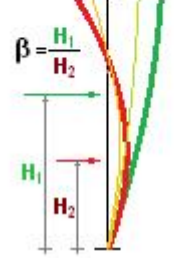
Poligon perdelerde

$$g_{shx} = \frac{A_{sws}}{A_{ch}} \cdot \left(\sum \frac{L_{etrx}}{s} \right)$$

$$g_{shy} = \frac{A_{sws}}{A_{ch}} \cdot \left(\sum \frac{L_{etry}}{s} \right)$$

$$V_r = 0.65 \cdot A_{ch} \cdot f_{ctd} + g \cdot A_{ch} \cdot f_{yd}$$

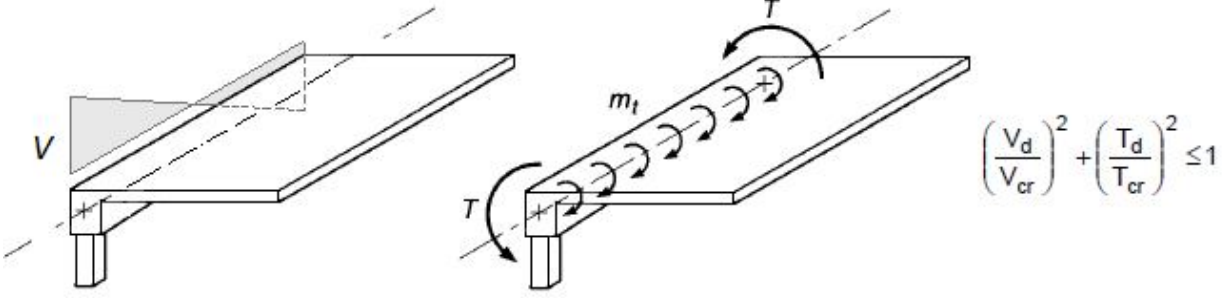
2. mode 1. mode



Perde	Yön	Ln	Bv	Φ	N	Vd	Vr	Vrh	Vfd	Vfr	
P111	X	5.00		1.00	0.000	38.235	307.185	816.735	38.235	953.972	✓
P112	X	5.00		1.00	0.000	38.094	307.185	816.735	38.094	953.972	✓
P113	X	5.00		1.00	0.000	37.980	307.185	816.735	37.980	953.972	✓
P114	X	5.00		1.00	0.000	38.155	307.185	816.735	38.155	953.972	✓
P115	Y	5.00		1.00	0.000	8.942	421.474	1120.566	8.942	1311.126	✓
P116	Y	5.00		1.00	0.000	8.865	442.870	1177.345	8.865	1349.351	✓
P117	Y	5.00		1.00	0.000	8.944	442.870	1177.345	8.944	1372.303	✓
P118	Y	5.00		1.00	0.000	8.835	421.474	1120.566	8.835	1311.126	✓
P119	Y	5.00		1.00	0.000	8.698	421.474	1120.566	8.698	1311.126	✓
P120	Y	5.00		1.00	0.000	9.083	442.870	1177.345	9.083	1372.303	✓
P121	Y	5.00		1.00	0.000	9.033	442.870	1177.345	9.033	1372.303	✓
P122	Y	5.00		1.00	0.000	8.796	421.474	1120.566	8.796	1311.126	✓

(t)

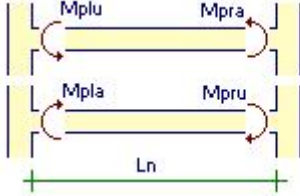
$V_{cr}=0.65 \cdot f_{ctd} \cdot b_w \cdot d$, $V_c=0.80 \cdot V_{cr}$, $V_w=A_{sw}/s \cdot f_{ywd} \cdot d$, $V_r=V_c+V_w > V_d$, $f_{ctd}=12.77 \text{ (kg/cm}^2\text{)}$
 $T_{cr} = 1.35 \cdot f_{ctd} \cdot S_x$, $T_r=(V_d/V_{cr})^2 + (T_d/T_{cr})^2 \leq 1$ (Eğik çatlama sınırı), $n \cdot A_{sw}/s \geq 0.3 \cdot f_{ctd}/f_{ywd} \cdot b_w$
 $A_{ov}/s = (V_d - V_c) / (2 \cdot d \cdot f_{ywd})$, $A_{ot}/s = T_d / (2 \cdot A_e \cdot f_{ywd})$, $A_o/s = A_{ov}/s + A_{ot}/s \leq A_{sw}/s$, $A_{sl}=A_{ot}/s$ Ue f_{ywd}/f_{yd}
 $V_d: V(\min\{a+D, a+L_n/3\})$



KİRİŞLERİN KESME ve BURULMA KONTROLÜ (tm) (TS500-8.2)

Kiriş	V _{cr}	V _w	V _r	V _d	T _d	T _{cr}	T _r	A _{ov} /s + A _{ot} /s = A _o /s			A _{sw} /s	✓, ✗
K101	10.58	32.51	40.98	3.37	0.3469	2.4671	0.1210	0.0000	0.0059	0.0059	0.1746	✓
K102	10.58	32.51	40.98	7.65	0.0900	2.4671	0.5231	0.0000	0.0015	0.0015	0.1746	✓
K103	10.58	32.51	40.98	3.37	0.3464	2.4671	0.1210	0.0000	0.0059	0.0059	0.1746	✓
K104	10.58	32.51	40.98	7.70	0.0710	2.4671	0.5295	0.0000	0.0012	0.0012	0.1746	✓
K105	16.93	32.51	46.06	3.48	1.0811	5.4062	0.0822	0.0000	0.0098	0.0098	0.1746	✓
K106	16.93	32.51	46.06	3.48	1.0819	5.4062	0.0823	0.0000	0.0098	0.0098	0.1746	✓
K107	16.93	32.51	46.06	10.36	0.7373	5.7550	0.3907	0.0000	0.0067	0.0067	0.1746	✓
K108	16.93	32.51	46.06	10.36	0.7373	5.7550	0.3906	0.0000	0.0067	0.0067	0.1746	✓
K109	16.93	32.51	46.06	9.11	1.6232	5.4062	0.3792	0.0000	0.0148	0.0148	0.1746	✓
K110	16.93	32.51	46.06	9.11	1.6235	5.4062	0.3793	0.0000	0.0148	0.0148	0.1746	✓





$$V_e = \frac{M_{plu} + M_{pra}}{L_n}$$

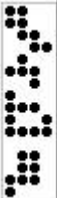
$$V_e = \frac{M_{pla} + M_{pru}}{L_n}$$

$$V_e > V_d(G+Q+D.E, Bax+0.3 \times Bay) \Rightarrow V_e = V_d(G+Q+D.E, Bax+0.3 \times Bay) *$$

$$V_w = (A_{sw}/s) \cdot f_{ywd} \cdot d, \quad V_{cr} = 0.65 \cdot f_{ctd} \cdot A_c, \quad V_r = 0.8 \cdot V_{cr} + V_w, \quad 0.85 \cdot A_c \cdot \sqrt{f_{ck}} \geq V_d \quad \text{TBDY2018-7.4.5.2}$$

KİRİŞLERİN KESME GÜVENLİK KONTROLU (tm) TBDY2018-7.4.5

Kiriş	L_n	M_{plu}	M_{pla}	M_{pru}	M_{pra}	$V_{dl} + V_{pl} = V_{el} < V_{rl}$	$V_{dr} + V_{pr} = V_{er} < V_{rr}$	✓, ✗



TEMELLERE GELEN KOLON YÜKLERİ

S101	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	2.89	-0.33	(azaltma	Nq=	-0.33×1.000	=	-0.33)	0.00
Alt Mx	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	-0.31	-0.01	-0.02	0.01	0.01	-0.04	0.01	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-41.20	-41.24	-1.02	-1.02	-2.04	-0.04	-0.04	
Alt Mx	1.10	1.23	0.01	0.00	0.06	0.00	0.00	
Alt My	0.73	0.44	0.42	0.46	0.03	0.02	0.02	
S102	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	10.59	0.89	(azaltma	Nq=	0.89×1.000	=	0.89)	0.00
Alt Mx	0.02	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00
Alt My	0.44	0.24	0.14	0.10	0.10	0.23	0.14	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	0.00	0.00	-0.45	-0.45	0.00	-0.02	-0.02	
Alt Mx	4.35	4.82	0.04	-0.02	0.23	0.00	0.00	
Alt My	0.00	0.00	0.09	0.09	0.00	0.00	0.00	
S103	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.48	1.61	(azaltma	Nq=	1.61×1.000	=	1.61)	0.00
Alt Mx	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	-0.32	-0.02	-0.01	-0.01	-0.01	-0.03	-0.01	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	41.20	41.25	-1.02	-1.02	2.04	-0.04	-0.04	
Alt Mx	1.10	1.23	0.01	-0.01	0.06	0.00	0.00	
Alt My	-0.72	-0.44	0.47	0.43	-0.03	0.02	0.02	
S104	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.37	-1.69	(azaltma	Nq=	-1.69×1.000	=	-1.69)	0.00
Alt Mx	0.30	0.01	0.00	0.00	0.01	0.00	0.01	0.00
Alt My	-0.17	-0.01	-0.02	0.00	0.01	-0.04	0.01	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-49.41	-49.46	-0.12	-0.11	-2.45	0.00	0.00	
Alt Mx	0.73	0.78	0.01	0.00	0.04	0.00	0.00	
Alt My	0.45	0.18	0.44	0.47	0.02	0.02	0.02	
S105	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	11.29	1.40	(azaltma	Nq=	1.40×1.000	=	1.40)	0.00
Alt Mx	-0.28	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00
Alt My	-0.19	-0.01	-0.01	0.00	0.00	-0.03	0.01	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	49.41	49.46	-0.11	-0.12	2.45	0.00	0.00	
Alt Mx	0.73	0.78	0.00	0.00	0.04	0.00	0.00	
Alt My	-0.45	-0.18	0.48	0.45	-0.02	0.02	0.02	
S106	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	8.50	-1.29	(azaltma	Nq=	-1.29×1.000	=	-1.29)	0.00
Alt Mx	0.36	0.01	0.01	0.01	0.01	0.01	0.01	0.00
Alt My	0.00	0.01	0.00	0.01	0.01	-0.02	0.02	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-50.54	-50.54	0.00	0.00	-2.51	0.00	0.00	
Alt Mx	0.68	0.68	0.00	0.00	0.03	0.00	0.00	
Alt My	0.13	-0.14	0.45	0.48	0.00	0.02	0.02	
S107	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	12.45	1.41	(azaltma	Nq=	1.41×1.000	=	1.41)	0.00
Alt Mx	-0.35	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00
Alt My	0.00	0.02	0.00	0.02	0.02	-0.02	0.03	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	50.55	50.55	0.00	0.00	2.51	0.00	0.00	
Alt Mx	0.68	0.68	0.00	0.00	0.03	0.00	0.00	
Alt My	-0.13	0.14	0.49	0.45	0.00	0.02	0.02	
S108	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.37	-1.03	(azaltma	Nq=	-1.03×1.000	=	-1.03)	0.00
Alt Mx	0.30	0.01	0.00	0.01	0.01	0.01	0.01	0.00
Alt My	0.17	0.03	0.02	0.01	0.02	0.00	0.04	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-49.46	-49.42	0.12	0.11	-2.45	0.00	0.00	
Alt Mx	0.78	0.73	-0.01	0.00	0.04	0.00	0.00	
Alt My	-0.18	-0.46	0.44	0.47	-0.02	0.02	0.02	
S109	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	11.29	1.39	(azaltma	Nq=	1.39×1.000	=	1.39)	0.00
Alt Mx	-0.28	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00
Alt My	0.20	0.04	0.01	0.03	0.04	-0.01	0.05	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	49.47	49.42	0.11	0.12	2.45	0.00	0.00	
Alt Mx	0.78	0.73	0.00	0.00	0.04	0.00	0.00	
Alt My	0.19	0.46	0.48	0.45	0.02	0.02	0.02	



TEMELLERE GELEN KOLON YÜKLERİ

S110	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	2.89	-0.24	(azaltma	Nq=	-0.24×1.000	=	-0.24)	0.00
Alt Mx	0.13	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Alt My	0.31	0.02	0.02	0.00	0.01	0.00	0.04	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-41.24	-41.20	1.02	1.02	-2.04	0.04	0.04	
Alt Mx	1.23	1.10	-0.01	0.00	0.06	0.00	0.00	
Alt My	-0.45	-0.73	0.42	0.46	-0.03	0.02	0.02	
S111	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	10.59	0.91	(azaltma	Nq=	0.91×1.000	=	0.91)	0.00
Alt Mx	0.02	0.02	-0.01	0.03	0.03	0.00	0.02	0.00
Alt My	-0.44	-0.23	-0.10	-0.13	-0.14	-0.10	-0.23	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	0.00	0.00	0.45	0.45	0.00	0.02	0.02	
Alt Mx	4.81	4.34	-0.04	0.02	0.23	0.00	0.00	
Alt My	0.00	0.00	0.09	0.09	0.00	0.00	0.00	
S112	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.47	1.58	(azaltma	Nq=	1.58×1.000	=	1.58)	0.00
Alt Mx	-0.12	0.01	0.00	0.01	0.01	0.00	0.00	0.00
Alt My	0.32	0.05	0.01	0.04	0.05	0.00	0.06	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	41.24	41.20	1.01	1.02	2.04	0.04	0.04	
Alt Mx	1.23	1.10	-0.01	0.01	0.06	0.00	0.00	
Alt My	0.45	0.73	0.47	0.43	0.03	0.02	0.02	
P111-Sol	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	8.34	1.04	(azaltma	Nq=	1.04×1.000	=	1.04)	0.00
Alt Mx	3.43	0.01	-0.15	0.16	0.17	-0.17	0.02	0.00
Alt My	0.14	0.12	0.07	0.05	0.06	0.11	0.07	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	11.67	12.14	-0.64	-0.70	0.59	-0.03	-0.03	
Alt Mx	48.25	53.44	0.53	-0.13	2.52	0.00	0.00	
Alt My	0.13	0.08	0.12	0.13	0.01	0.00	0.00	
P111-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	8.34	1.04	(azaltma	Nq=	1.04×1.000	=	1.04)	0.00
Alt Mx	3.43	0.01	-0.15	0.16	0.17	-0.17	0.02	0.00
Alt My	0.14	0.12	0.07	0.05	0.06	0.11	0.07	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	11.67	12.14	-0.64	-0.70	0.59	-0.03	-0.03	
Alt Mx	48.25	53.44	0.53	-0.13	2.52	0.00	0.00	
Alt My	0.13	0.08	0.12	0.13	0.01	0.00	0.00	
P112-Sol	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.96	0.39	(azaltma	Nq=	0.39×1.000	=	0.39)	0.00
Alt Mx	-2.59	0.10	-0.17	0.27	0.26	-0.15	0.09	0.00
Alt My	0.13	0.12	0.07	0.05	0.05	0.11	0.07	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-11.66	-12.13	-0.71	-0.65	-0.59	-0.03	-0.03	
Alt Mx	48.25	53.44	0.28	-0.38	2.52	-0.01	-0.01	
Alt My	-0.13	-0.08	0.13	0.12	-0.01	0.00	0.00	
P112-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.96	0.39	(azaltma	Nq=	0.39×1.000	=	0.39)	0.00
Alt Mx	-2.59	0.10	-0.17	0.27	0.26	-0.15	0.09	0.00
Alt My	0.13	0.12	0.07	0.05	0.05	0.11	0.07	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-11.66	-12.13	-0.71	-0.65	-0.59	-0.03	-0.03	
Alt Mx	48.25	53.44	0.28	-0.38	2.52	-0.01	-0.01	
Alt My	-0.13	-0.08	0.13	0.12	-0.01	0.00	0.00	
P113-Sol	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	8.34	0.96	(azaltma	Nq=	0.96×1.000	=	0.96)	0.00
Alt Mx	3.42	0.27	-0.14	0.41	0.41	-0.03	0.16	0.00
Alt My	-0.14	-0.11	-0.05	-0.07	-0.07	-0.05	-0.11	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	12.13	11.66	0.64	0.70	0.59	0.03	0.03	
Alt Mx	53.33	48.14	-0.53	0.13	2.52	0.00	0.00	
Alt My	-0.09	-0.13	0.12	0.13	-0.01	0.00	0.00	
P113-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	8.34	0.96	(azaltma	Nq=	0.96×1.000	=	0.96)	0.00
Alt Mx	3.42	0.27	-0.14	0.41	0.41	-0.03	0.16	0.00
Alt My	-0.14	-0.11	-0.05	-0.07	-0.07	-0.05	-0.11	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	12.13	11.66	0.64	0.70	0.59	0.03	0.03	
Alt Mx	53.33	48.14	-0.53	0.13	2.52	0.00	0.00	
Alt My	-0.09	-0.13	0.12	0.13	-0.01	0.00	0.00	



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P114-Sol	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	7.96	0.37	(azaltma	Nq=	0.37×1.000	=	0.37)	0.00
Alt Mx	-2.60	0.33	-0.18	0.51	0.51	-0.12	0.27	0.00
Alt My	-0.13	-0.11	-0.05	-0.06	-0.06	-0.05	-0.11	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-12.13	-11.66	0.71	0.65	-0.59	0.03	0.03	
Alt Mx	53.32	48.14	-0.28	0.38	2.52	0.01	0.01	
Alt My	0.09	0.13	0.13	0.12	0.01	0.00	0.00	
P114-Sag	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	7.96	0.37	(azaltma	Nq=	0.37×1.000	=	0.37)	0.00
Alt Mx	-2.60	0.33	-0.18	0.51	0.51	-0.12	0.27	0.00
Alt My	-0.13	-0.11	-0.05	-0.06	-0.06	-0.05	-0.11	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-12.13	-11.66	0.71	0.65	-0.59	0.03	0.03	
Alt Mx	53.32	48.14	-0.28	0.38	2.52	0.01	0.01	
Alt My	0.09	0.13	0.13	0.12	0.01	0.00	0.00	
P115-Sol	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	9.01	1.00	(azaltma	Nq=	1.00×1.000	=	1.00)	0.00
Alt Mx	0.43	0.02	0.00	0.01	0.01	0.01	0.01	0.00
Alt My	10.37	2.30	1.14	1.13	1.45	0.26	2.82	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	23.15	22.77	0.58	0.63	1.14	0.02	0.02	
Alt Mx	1.69	1.55	-0.02	0.00	0.08	0.00	0.00	
Alt My	-16.78	-20.41	8.33	8.79	-0.92	0.33	0.33	
P115-Sag	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	9.01	1.00	(azaltma	Nq=	1.00×1.000	=	1.00)	0.00
Alt Mx	0.43	0.02	0.00	0.01	0.01	0.01	0.01	0.00
Alt My	10.37	2.30	1.14	1.13	1.45	0.26	2.82	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	23.15	22.77	0.58	0.63	1.14	0.02	0.02	
Alt Mx	1.69	1.55	-0.02	0.00	0.08	0.00	0.00	
Alt My	-16.78	-20.41	8.33	8.79	-0.92	0.33	0.33	
P116-Sol	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	11.92	0.50	(azaltma	Nq=	0.50×1.000	=	0.50)	0.00
Alt Mx	0.70	0.02	0.01	0.01	0.02	0.01	0.02	0.00
Alt My	4.68	1.91	0.57	1.33	1.66	-0.53	2.66	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	18.93	18.83	0.00	0.02	0.94	0.00	0.00	
Alt Mx	1.44	1.40	0.00	0.00	0.07	0.00	0.00	
Alt My	-6.75	-10.37	9.59	10.05	-0.42	0.38	0.38	
P116-Sag	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	11.92	0.50	(azaltma	Nq=	0.50×1.000	=	0.50)	0.00
Alt Mx	0.70	0.02	0.01	0.01	0.02	0.01	0.02	0.00
Alt My	4.68	1.91	0.57	1.33	1.66	-0.53	2.66	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	18.93	18.83	0.00	0.02	0.94	0.00	0.00	
Alt Mx	1.44	1.40	0.00	0.00	0.07	0.00	0.00	
Alt My	-6.75	-10.37	9.59	10.05	-0.42	0.38	0.38	
P117-Sol	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	11.92	-0.07	(azaltma	Nq=	-0.07×1.000	=	-0.07)	0.00
Alt Mx	0.70	0.02	0.01	0.01	0.01	0.01	0.02	0.00
Alt My	-4.65	0.11	-0.57	0.70	0.95	-1.77	1.09	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	18.83	18.93	0.00	-0.02	0.94	0.00	0.00	
Alt Mx	1.40	1.44	0.00	0.00	0.07	0.00	0.00	
Alt My	10.34	6.72	9.59	10.05	0.42	0.38	0.38	
P117-Sag	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	11.92	-0.07	(azaltma	Nq=	-0.07×1.000	=	-0.07)	0.00
Alt Mx	0.70	0.02	0.01	0.01	0.01	0.01	0.02	0.00
Alt My	-4.65	0.11	-0.57	0.70	0.95	-1.77	1.09	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	18.83	18.93	0.00	-0.02	0.94	0.00	0.00	
Alt Mx	1.40	1.44	0.00	0.00	0.07	0.00	0.00	
Alt My	10.34	6.72	9.59	10.05	0.42	0.38	0.38	
P118-Sol	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	9.01	0.51	(azaltma	Nq=	0.51×1.000	=	0.51)	0.00
Alt Mx	0.43	0.01	0.00	0.01	0.01	0.00	0.01	0.00
Alt My	-10.34	-1.21	-1.15	-0.02	0.13	-2.24	-0.23	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	22.77	23.15	-0.58	-0.63	1.14	-0.02	-0.02	
Alt Mx	1.55	1.70	0.02	0.00	0.08	0.00	0.00	
Alt My	20.38	16.75	8.33	8.79	0.92	0.33	0.33	



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P118-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	9.01	0.51	(azaltma)	Nq=	0.51×1.000	=	0.51)	0.00
Alt Mx	0.43	0.01	0.00	0.01	0.01	0.00	0.01	0.00
Alt My	-10.34	-1.21	-1.15	-0.02	0.13	-2.24	-0.23	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	22.77	23.15	-0.58	-0.63	1.14	-0.02	-0.02	
Alt Mx	1.55	1.70	0.02	0.00	0.08	0.00	0.00	
Alt My	20.38	16.75	8.33	8.79	0.92	0.33	0.33	
P119-Sol	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.51	-0.20	(azaltma)	Nq=	-0.20×1.000	=	-0.20)	0.00
Alt Mx	-0.41	0.00	-0.01	0.01	0.01	-0.01	0.00	0.00
Alt My	12.04	2.36	0.55	1.78	2.10	-0.19	2.74	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-23.15	-22.77	0.65	0.60	-1.14	0.02	0.02	
Alt Mx	1.69	1.55	-0.01	0.01	0.08	0.00	0.00	
Alt My	16.84	20.45	8.90	8.43	0.92	0.33	0.33	
P119-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.51	-0.20	(azaltma)	Nq=	-0.20×1.000	=	-0.20)	0.00
Alt Mx	-0.41	0.00	-0.01	0.01	0.01	-0.01	0.00	0.00
Alt My	12.04	2.36	0.55	1.78	2.10	-0.19	2.74	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-23.15	-22.77	0.65	0.60	-1.14	0.02	0.02	
Alt Mx	1.69	1.55	-0.01	0.01	0.08	0.00	0.00	
Alt My	16.84	20.45	8.90	8.43	0.92	0.33	0.33	
P120-Sol	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	10.14	-0.34	(azaltma)	Nq=	-0.34×1.000	=	-0.34)	0.00
Alt Mx	-0.67	-0.01	-0.02	0.01	0.01	-0.02	-0.01	0.00
Alt My	5.58	1.50	0.27	1.22	1.55	-0.82	2.24	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-18.93	-18.83	0.02	0.01	-0.94	0.00	0.00	
Alt Mx	1.44	1.40	0.00	0.00	0.07	0.00	0.00	
Alt My	6.85	10.47	10.21	9.75	0.43	0.38	0.38	
P120-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	10.14	-0.34	(azaltma)	Nq=	-0.34×1.000	=	-0.34)	0.00
Alt Mx	-0.67	-0.01	-0.02	0.01	0.01	-0.02	-0.01	0.00
Alt My	5.58	1.50	0.27	1.22	1.55	-0.82	2.24	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-18.93	-18.83	0.02	0.01	-0.94	0.00	0.00	
Alt Mx	1.44	1.40	0.00	0.00	0.07	0.00	0.00	
Alt My	6.85	10.47	10.21	9.75	0.43	0.38	0.38	
P121-Sol	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	10.14	-0.35	(azaltma)	Nq=	-0.35×1.000	=	-0.35)	0.00
Alt Mx	-0.67	-0.02	-0.02	0.01	0.00	-0.02	-0.01	0.00
Alt My	-5.53	-0.24	-0.27	0.04	0.29	-1.63	0.89	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-18.83	-18.93	-0.02	-0.01	-0.94	0.00	0.00	
Alt Mx	1.40	1.44	0.00	0.00	0.07	0.00	0.00	
Alt My	-10.34	-6.72	10.21	9.74	-0.42	0.38	0.38	
P121-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	10.14	-0.35	(azaltma)	Nq=	-0.35×1.000	=	-0.35)	0.00
Alt Mx	-0.67	-0.02	-0.02	0.01	0.00	-0.02	-0.01	0.00
Alt My	-5.53	-0.24	-0.27	0.04	0.29	-1.63	0.89	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-18.83	-18.93	-0.02	-0.01	-0.94	0.00	0.00	
Alt Mx	1.40	1.44	0.00	0.00	0.07	0.00	0.00	
Alt My	-10.34	-6.72	10.21	9.74	-0.42	0.38	0.38	
P122-Sol	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.52	-0.24	(azaltma)	Nq=	-0.24×1.000	=	-0.24)	0.00
Alt Mx	-0.41	-0.01	-0.01	0.01	0.01	-0.01	0.00	0.00
Alt My	-12.06	-1.26	-0.56	-0.66	-0.50	-1.85	-0.09	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-22.77	-23.15	-0.65	-0.60	-1.14	-0.02	-0.02	
Alt Mx	1.55	1.70	0.01	-0.01	0.08	0.00	0.00	
Alt My	-20.43	-16.80	8.94	8.47	-0.92	0.33	0.33	
P122-Sag	GGGGGG	QQQQQQ	Q_Q_Q	Q_Q_Q	QQ_QQ	QQ_QQ	Q_QQ_Q	Zemin
N	7.52	-0.24	(azaltma)	Nq=	-0.24×1.000	=	-0.24)	0.00
Alt Mx	-0.41	-0.01	-0.01	0.01	0.01	-0.01	0.00	0.00
Alt My	-12.06	-1.26	-0.56	-0.66	-0.50	-1.85	-0.09	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar X	Rüzgar Y		
N	-22.77	-23.15	-0.65	-0.60	-1.14	-0.02	-0.02	
Alt Mx	1.55	1.70	0.01	-0.01	0.08	0.00	0.00	
Alt My	-20.43	-16.80	8.94	8.47	-0.92	0.33	0.33	
TOPLAM	ΣNq=	319.71	ΣNq=	11.73	ΣNqf=	11.73		

Temellerin kayma kontrolu **TBDY2018-16.8.4 (t,m)**

$$\Phi=30.0^\circ \quad \theta=0, \beta=0, \varphi=90^\circ \quad K_p = \frac{\sin^2(90+\Phi)}{(1-\sin\Phi)^2} = 3.0$$

Kat	Hi	Lx	Ly	RpkX = Hi·Kpd·Ly	RpkY = Hi·Kpd·Lx
TEMEL	0.45	7.80	21.80	29.43	10.53

$$R_pX = \frac{29.43}{1.4} = 21.02, \quad R_pY = \frac{10.53}{1.4} = 7.52$$

$$W_g = 319.71(\text{Yapi}) + 1041.50(\text{Temel}) = 1361.20$$

$$W_q = 1361.20, \quad W_q = 11.73$$

$$W_{gq} = W_g + C_q \cdot W_q = 1372.93$$

$$V_{beX}=150.06, \quad V_{beY}=60.9 \text{ deprem}, \quad V_{bsX}=0.0, \quad V_{bsY}=0.0 \text{ zemin}$$

$$V_{eX}=150.06 + 0.0 = 150.06 < W_{ge} \cdot \tan\delta + 0.3 \cdot R_{ptX} = 1372.93 \cdot 0.5 + 0.3 \cdot 21.02 = 692.77 \quad \checkmark$$

$$V_{eY}=60.9 + .0 = 60.9 < W_{ge} \cdot \tan\delta + 0.3 \cdot R_{ptY} = 1372.93 \cdot 0.5 + 0.3 \cdot 7.52 = 688.72 \quad \checkmark$$

Temellerin kayma kontrolu yeterlidir

TEMELLERE KOLONLARDAN GELEN SÜNEK TASARIM DEPREM MOMENTLERİ (tm)

Kolon ve Perdelerde $Nez=0.6 \times Dust \times Ne$, (Dust=3.0) TBDY2018-4.10.3.1 Bodrumsuz yapı

KOLON	Kolon/Perde koşulu	Mex1 (9)	Mex2 (10)	Mpx	Mey1 (11)	Mey2 (12)	Mpy
S101	Kolon Me=0.6×Dust×Me	1.98	2.22		0.76	0.82	
S102	Kolon Me=0.6×Dust×Me	7.83	8.67		0.16	0.16	
S103	Kolon Me=0.6×Dust×Me	1.98	2.22		0.84	0.77	
S104	Kolon Me=0.6×Dust×Me	1.32	1.40		0.79	0.85	
S105	Kolon Me=0.6×Dust×Me	1.32	1.40		0.87	0.80	
S106	Kolon Me=0.6×Dust×Me	1.23	1.23		0.80	0.87	
S107	Kolon Me=0.6×Dust×Me	1.23	1.23		0.88	0.82	
S108	Kolon Me=0.6×Dust×Me	1.40	1.31		0.79	0.85	
S109	Kolon Me=0.6×Dust×Me	1.40	1.31		0.87	0.81	
S110	Kolon Me=0.6×Dust×Me	2.21	1.98		0.76	0.82	
S111	Kolon Me=0.6×Dust×Me	8.66	7.81		0.16	0.16	
S112	Kolon Me=0.6×Dust×Me	2.21	1.98		0.84	0.77	
P111	Perde Me=Dust×Me ≤ Mp	289.52	320.64	2322.74	0.74	0.77	0.00
P112	Perde Me=Dust×Me ≤ Mp	289.53	320.64	2319.40	0.78	0.75	0.00
P113	Perde Me=Dust×Me ≤ Mp	319.95	288.84	2509.70	0.74	0.77	0.00
P114	Perde Me=Dust×Me ≤ Mp	319.94	288.83	2319.40	0.78	0.75	0.00
P115	Perde Me=Dust×Me ≤ Mp	10.17	9.30	0.00	49.96	52.74	3906.05
P116	Perde Me=Dust×Me ≤ Mp	8.63	8.37	0.00	57.51	60.29	4214.26
P117	Perde Me=Dust×Me ≤ Mp	8.38	8.64	0.00	57.51	60.28	4265.57
P118	Perde Me=Dust×Me ≤ Mp	9.32	10.19	0.00	49.96	52.74	3903.33
P119	Perde Me=Dust×Me ≤ Mp	10.17	9.30	0.00	53.38	50.61	3893.88
P120	Perde Me=Dust×Me ≤ Mp	8.63	8.37	0.00	61.26	58.48	4256.33
P121	Perde Me=Dust×Me ≤ Mp	8.38	8.64	0.00	61.24	58.46	4256.33
P122	Perde Me=Dust×Me ≤ Mp	9.32	10.19	0.00	53.61	50.83	3894.33

PANEL+BAŞLIK TOPLAM REAKSIYONLARI

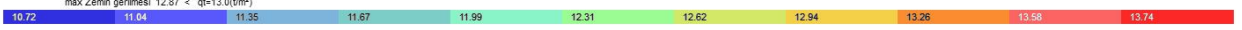
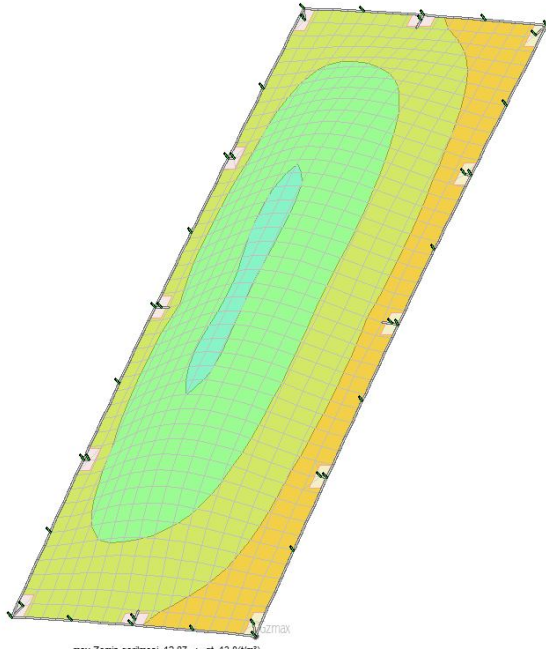
P111	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	23.42	2.36	(azaltma	Nq=	2.36×1.000	=	2.36)	0.00
Alt Mx	14.73	1.18	-0.83	2.00	2.04	-0.61	0.92	0.00
Alt My	1.98	0.37	0.47	-0.10	-0.10	0.62	0.23	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	2.73	3.66	-2.01	-2.12	0.16	-0.08	0.00	0.00
Alt Mx	135.27	145.98	1.54	0.17	6.97	0.03	0.00	0.00
Alt My	-7.62	-7.86	0.25	0.28	-0.38	0.01	0.00	0.00
P112	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	24.96	2.02	(azaltma	Nq=	2.02×1.000	=	2.02)	0.00
Alt Mx	-9.02	0.74	-1.34	2.09	2.06	-1.04	0.49	0.00
Alt My	2.88	0.75	0.13	0.62	0.62	0.40	0.48	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	-2.72	-3.65	-2.16	-2.04	-0.16	-0.08	0.00	0.00
Alt Mx	135.28	145.98	0.13	-1.24	6.97	-0.03	0.00	0.00
Alt My	7.62	7.86	0.29	0.26	0.38	0.01	0.00	0.00
P113	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	23.42	2.25	(azaltma	Nq=	2.25×1.000	=	2.25)	0.00
Alt Mx	14.72	1.65	-0.89	2.52	2.51	-0.47	1.24	0.00
Alt My	-1.98	-0.37	-0.42	0.05	0.03	-0.39	-0.38	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	3.64	2.71	2.01	2.12	0.16	0.08	0.00	0.00
Alt Mx	145.75	135.04	-1.54	-0.17	6.97	-0.03	0.00	0.00
Alt My	7.85	7.61	0.25	0.28	0.38	0.01	0.00	0.00
P114	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	24.94	1.98	(azaltma	Nq=	1.98×1.000	=	1.98)	0.00
Alt Mx	-9.04	1.17	-1.28	2.47	2.49	-1.09	0.98	0.00
Alt My	-2.88	-0.71	-0.08	-0.63	-0.65	-0.10	-0.67	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	-3.65	-2.72	2.15	2.03	-0.16	0.08	0.00	0.00
Alt Mx	145.74	135.03	-0.13	1.24	6.97	0.03	0.00	0.00
Alt My	-7.85	-7.61	0.29	0.26	-0.38	0.01	0.00	0.00
P115	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	23.15	1.37	(azaltma	Nq=	1.37×1.000	=	1.37)	0.00
Alt Mx	2.11	-0.09	0.22	-0.31	-0.30	0.19	-0.07	0.00
Alt My	15.27	5.64	2.65	2.91	3.68	0.77	6.68	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	0.94	0.23	1.74	1.83	0.03	0.07	0.00	0.00
Alt Mx	-4.68	-5.05	0.07	0.12	-0.24	0.00	0.00	0.00
Alt My	-23.38	-30.92	18.24	19.20	-1.34	0.72	0.00	0.00
P116	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	31.77	-0.16	(azaltma	Nq=	-0.16×1.000	=	-0.16)	0.00
Alt Mx	3.31	-0.17	0.21	-0.38	-0.38	0.19	-0.16	0.00
Alt My	7.91	4.19	1.15	3.01	3.68	-1.06	5.70	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	-12.15	-12.32	0.07	0.09	-0.61	0.00	0.00	0.00
Alt Mx	-6.39	-6.50	0.00	0.01	-0.32	0.00	0.00	0.00
Alt My	-12.07	-19.52	19.77	20.73	-0.78	0.78	0.00	0.00
P117	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	31.77	-1.63	(azaltma	Nq=	-1.63×1.000	=	-1.63)	0.00
Alt Mx	3.31	-0.24	0.21	-0.45	-0.45	0.18	-0.23	0.00
Alt My	-7.85	0.77	-1.15	1.96	2.45	-3.57	2.73	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	-12.32	-12.15	-0.07	-0.09	-0.61	0.00	0.00	0.00
Alt Mx	-6.49	-6.39	0.00	-0.01	-0.32	0.00	0.00	0.00
Alt My	19.45	12.01	19.77	20.72	0.78	0.78	0.00	0.00
P118	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	23.14	0.00	(azaltma	Nq=	0.00×1.000	=	0.00)	0.00
Alt Mx	2.11	-0.18	0.22	-0.40	-0.40	0.20	-0.17	0.00
Alt My	-15.21	-4.16	-2.62	-1.46	-1.13	-5.00	-2.03	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	0.24	0.95	-1.74	-1.83	0.03	-0.07	0.00	0.00
Alt Mx	-5.04	-4.67	-0.07	-0.12	-0.24	0.00	0.00	0.00
Alt My	30.85	23.31	18.23	19.20	1.35	0.72	0.00	0.00
P119	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin
N	24.41	1.08	(azaltma	Nq=	1.08×1.000	=	1.08)	0.00
Alt Mx	-2.89	-0.30	0.09	-0.39	-0.40	0.07	-0.26	0.00
Alt My	19.47	5.01	1.31	3.62	4.39	-0.40	5.87	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	-0.94	-0.23	1.85	1.76	-0.03	0.07	0.00	0.00
Alt Mx	-4.68	-5.05	-0.13	-0.09	-0.24	0.00	0.00	0.00
Alt My	23.48	31.00	19.42	18.46	1.35	0.72	0.00	0.00

PANEL+BAŞLIK TOPLAM REAKSİYONLARI

P120	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin
N	32.16	0.72	(azaltma	Nq=	0.72×1.000	=	0.72)	0.00
Alt Mx	-4.02	-0.32	0.09	-0.40	-0.41	0.04	-0.26	0.00
Alt My	9.68	3.01	0.54	2.44	3.11	-1.65	4.50	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	12.15	12.33	0.10	0.08	0.61	0.00	0.00	0.00
Alt Mx	-6.39	-6.50	-0.02	0.00	-0.32	0.00	0.00	0.00
Alt My	12.27	19.72	21.06	20.10	0.79	0.79	0.00	0.00
P121	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin
N	32.15	0.70	(azaltma	Nq=	0.70×1.000	=	0.70)	0.00
Alt Mx	-4.02	-0.32	0.09	-0.40	-0.41	0.04	-0.26	0.00
Alt My	-9.59	-0.48	-0.55	0.11	0.60	-3.28	1.80	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	12.32	12.14	-0.10	-0.07	0.61	0.00	0.00	0.00
Alt Mx	-6.50	-6.39	0.02	0.00	-0.32	0.00	0.00	0.00
Alt My	-19.45	-11.99	21.05	20.10	-0.78	0.79	0.00	0.00
P122	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin
N	24.42	1.03	(azaltma	Nq=	1.03×1.000	=	1.03)	0.00
Alt Mx	-2.89	-0.32	0.10	-0.41	-0.41	0.02	-0.23	0.00
Alt My	-19.52	-2.80	-1.28	-1.44	-1.11	-4.33	-0.01	0.00
	Deprem+X	Deprem-X	Deprem+Y	Deprem-Y	Rüzgar+X	Rüzgar-X	Rüzgar+Y	Rüzgar-Y
N	-0.23	-0.94	-1.86	-1.76	-0.03	-0.07	0.00	0.00
Alt Mx	-5.04	-4.67	0.13	0.09	-0.24	0.00	0.00	0.00
Alt My	-30.96	-23.41	19.50	18.53	-1.35	0.73	0.00	0.00



TEMEL 3D GÖRÜNÜŞÜ



153
136 171
135 168 185
120 150 201
105 133 166 183 219
90 117 148 200 236 252 270
77 102 131 163 182 218 251 285 303
65 87 100 129 145 162 197 233 248 266 282 300 317 335 354 372 389 406 422 440 436 454 472 491 508 525 543 560 578 595 612 630 629 648 665 680 694 708 721 732 742 752 768 767 774 779 783 786 787 788 789
54 74 85 98 112 127 142 159 175 192 210 228 246 263 280 298 315 331 349 368 386 403 421 439 456 474 493 510 528 545 562 580 597 614 632 650 666 681 695 708 721 732 742 752 768 767 774 779 783 786 787 788 789
43 53 50 60 70 82 96 109 124 140 158 177 195 213 231 249 268 286 304 321 339 357 374 391 408 425 442 459 477 496 513 531 548 565 582 599 616 633 651 668 683 697 711 722 733 743 753 761 769 775 780 784 787 788 789
33 40 48 58 69 81 95 110 126 143 161 180 198 217 235 253 271 288 306 323 341 359 376 393 410 427 444 461 479 497 514 532 549 566 583 600 617 635 653 670 685 700 714 726 737 747 757 765 773 778 782 785 788 789
25 30 38 47 59 71 84 99 114 130 147 165 184 202 220 237 255 272 289 307 324 342 359 376 393 411 428 446 463 481 499 516 534 551 568 586 603 620 637 655 672 687 702 716 728 739 749 759 766 773 778 782 785 788 789
18 22 29 39 49 61 73 86 101 116 132 149 167 186 203 221 238 256 273 290 308 325 343 361 378 395 413 430 448 465 483 501 518 536 553 569 587 604 621 639 656 673 688 703 717 729 740 750 761 769 775 780 784 787 788 789
7 16 23 31 41 51 63 75 88 103 118 134 151 169 187 204 222 239 257 274 291 309 326 344 362 379 396 414 431 449 466 484 503 520 538 555 572 589 606 623 641 659 676 691 706 719 731 741 750 761 769 775 780 784 787 788 789
3 11 17 24 32 42 52 64 76 89 104 119 135 152 170 188 205 223 240 258 275 292 310 327 345 363 380 397 415 432 450 467 485 504 521 539 556 573 591 608 625 643 661 678 692 707 720 731 741 750 761 769 775 780 784 787 788 789
2 8 13 19 26 34 44 55 66 78 91 106 121 137 154 172 189 206 224 241 259 276 293 311 328 346 364 381 398 416 433 451 468 486 505 522 540 557 574 592 609 626 644 662 679 693 707 720 731 741 750 761 769 775 780 784 787 788 789
1 6 10 15 21 28 37 46 57 68 79 93 108 123 139 156 174 191 208 225 242 259 276 293 311 328 346 364 381 398 416 433 451 468 486 505 522 540 557 574 592 609 626 644 662 679 693 707 720 731 741 750 761 769 775 780 784 787 788 789
5 4 9 14 20 27 36 45 56 67 79 93 108 122 138 155 173 190 207 225 242 259 276 293 311 328 346 364 381 398 416 433 451 468 486 505 522 540 557 574 592 609 626 644 662 679 693 707 720 731 741 750 761 769 775 780 784 787 788 789

STA4-CAD Ver.14.1 RADYE PROGRAMI**RADYE MAT TEMELLERİN SONLU ELEMANLARLA ANALİZİ**ZEMİN YATAK KATSAYISI (t/m³) : 509.0ZEMİN TAŞIMA GÜCÜ TAS. GER. (t/m²): 13.0

BETONARME HESAP YÖNTEMİ:TAŞIMA GÜCÜ YÖNTEMİ TS500-2000

BETON ve ÇELİK MALZEME BİLGİLERİ

Beton dayanım gerilmesi (kg/cm²):300Çelik akma gerilmesi (kg/cm²):4200

Minimum çekme bölgesi pirsantaşı :0.001

Minimum toplam kesit pirsantaşı :0.004

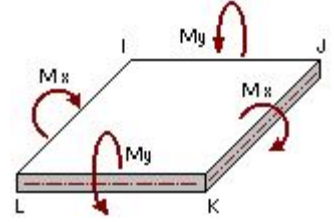
Winkler Yayları Opsiyonu:Ks=Ko (Winkler)

Nokta Tasarım Momenti Opsiyonu ...:Bağlı düğüm noktalarının tasarım momentlerinin ortalaması göre hesaplama

BETONARME HESAP YÜK KOMBİNASYON PARAMETRESİ

Ölü yük Cg	Hareketli yük Cq	Zemin Cs	Deprem ± Ce	Rüzgar ± Cw	Isı Ct
1.40	1.60	0.00	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00	0.00
1.00	1.20	0.00	0.00	0.00	1.20
1.00	1.00	0.00	1.00	0.00	0.00
1.00	1.00	1.00	1.00	0.00	0.00
0.90	0.00	0.00	1.00	0.00	0.00
1.00	1.30	0.00	0.00	1.30	0.00
1.00	1.30	1.00	0.00	1.30	0.00
0.90	0.00	0.00	0.00	1.30	0.00
0.90	0.00	0.90	0.00	1.30	0.00

CODE:TS500T.COD

**ZEMİN GERİLMESİ YÜK KOMBİNASYONU $q_0 < q_t$** DEPREM ZEMİN GERİLMESİ DAVRANIŞ KATSAYISI $R_s=8$

Ölü yük Cg	Hareketli yük Cq	Zemin Cs	Deprem ± Ce	Rüzgar ± Cw	Isı Ct
1.40	1.60	0.00	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00	0.00
1.00	1.20	0.00	0.00	0.00	1.20
1.00	1.00	0.00	1.00	0.00	0.00
1.00	1.00	1.00	1.00	0.00	0.00
0.90	0.00	0.00	1.00	0.00	0.00
1.00	1.30	0.00	0.00	1.30	0.00
1.00	1.30	1.00	0.00	1.30	0.00
0.90	0.00	0.00	0.00	1.30	0.00
0.90	0.00	0.90	0.00	1.30	0.00

STATİK ANALİZ YÜK KOMBİNASYON NOTASYONLARI:

1. G+G+G+G+G	GENEL ÖLÜ YÜK
2. Q+Q+Q+Q+Q	1. GENEL HAREKETLİ YÜK
3. Q+o+Q+o+Q	2. HAREKETLİ YÜK
4. o+Q+o+Q+o	3. HAREKETLİ YÜK
5. Q+Q+o+Q+Q	4. HAREKETLİ YÜK
6. o+Q+Q+o+Q	5. HAREKETLİ YÜK
7. Q+o+Q+Q+o	6. HAREKETLİ YÜK
8. Gz	Yatay zemin itkisi
9. Ex + %5 x ey	X yönü deprem + %5 eksantrisine
10. Ex - %5 x ey	X yönü deprem - %5 eksantrisine
11. Ey + %5 x ex	Y yönü deprem + %5 eksantrisine
12. Ey - %5 x ex	Y yönü deprem - %5 eksantrisine
13. Wx	X yönü rüzgar
14. Wy	Y yönü rüzgar
15. T	Isı etkisi
17. Ez	Z deprem

 $Ed(H) = Edx \pm 0.3 \times Edy, Ed(H) = Edy \pm 0.3 \times Edx$ $Ed = Ed(H) \pm 0.3 \times Edz$

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 74

PROJE : havuz

(HAVUZ40.ST4)

PLAK BİLGİLERİ

Plak no	D cm	mesh x y	Ko t/m ³	g t/m ²	p t/m ²	X1	Y1	Z1	X2	Y2	Z2	X3	Y3	Z3	X4	Y4	Z4
PL1	45	16 44	509	1.125	5.000	-0.10	-0.10	0.00	7.70	-0.10	0.00	7.70	21.70	0.00	-0.10	21.70	0.00

MESH BİLGİLERİ

Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L
1	45	2	3	8	6	2	45	3	7	11	8	3	45	7	12	16	11
4	45	12	18	22	16	5	45	18	25	30	22	6	45	25	33	40	30
7	45	33	43	50	40	8	45	43	54	62	50	9	45	54	65	74	62
10	45	65	77	87	74	11	45	77	90	102	87	12	45	90	105	117	102
13	45	105	120	133	117	14	45	120	136	150	133	15	45	136	153	168	150
16	45	5	6	10	9	17	45	6	8	13	10	18	45	8	11	17	13
19	45	11	16	23	17	20	45	16	22	29	23	21	45	22	30	38	29
22	45	30	40	48	38	23	45	40	50	60	48	24	45	50	62	72	60
25	45	62	74	85	72	26	45	74	87	100	85	27	45	87	102	115	100
28	45	102	117	131	115	29	45	117	133	148	131	30	45	133	150	166	148
31	45	168	171	185	166	32	45	9	10	15	14	33	45	10	13	19	15
34	45	13	17	24	19	35	45	17	23	31	24	36	45	23	29	39	31
37	45	29	38	47	39	38	45	38	48	58	47	39	45	48	60	70	58
40	45	60	72	83	70	41	45	72	85	98	83	42	45	85	100	113	98
43	45	100	115	129	113	44	45	115	131	146	129	45	45	131	148	164	146
46	45	148	166	183	164	47	45	166	185	201	183	48	45	14	15	21	20
49	45	15	19	26	21	50	45	19	24	32	26	51	45	24	31	41	32
52	45	31	39	49	41	53	45	39	47	59	49	54	45	47	58	69	59
55	45	58	70	82	69	56	45	70	83	97	82	57	45	83	98	112	97
58	45	98	113	128	112	59	45	113	129	145	128	60	45	129	146	163	145
61	45	146	164	182	163	62	45	164	183	200	182	63	45	183	201	219	200
64	45	20	21	28	27	65	45	21	26	34	28	66	45	26	32	42	34
67	45	32	41	51	42	68	45	41	49	61	51	69	45	49	59	71	61
70	45	59	69	81	71	71	45	69	82	96	81	72	45	82	97	111	96
73	45	97	112	127	111	74	45	112	128	144	127	75	45	128	145	162	144
76	45	145	163	181	162	77	45	163	182	199	181	78	45	182	200	218	199
79	45	200	219	236	218	80	45	27	28	37	35	81	45	28	34	44	37
82	45	34	42	52	44	83	45	42	51	63	52	84	45	51	61	73	63
85	45	61	71	84	73	86	45	71	81	95	84	87	45	81	96	109	95
88	45	96	111	125	109	89	45	111	127	142	125	90	45	127	144	160	142
91	45	144	162	179	160	92	45	162	181	197	179	93	45	181	199	216	197
94	45	199	218	234	216	95	45	218	236	252	234	96	45	35	37	46	45
97	45	37	44	55	46	98	45	44	52	64	55	99	45	52	63	75	64
100	45	63	73	86	75	101	45	73	84	99	86	102	45	84	95	110	99
103	45	95	109	124	110	104	45	109	125	141	124	105	45	125	142	159	141
106	45	142	160	178	159	107	45	160	179	196	178	108	45	179	197	215	196
109	45	197	216	233	215	110	45	216	234	251	233	111	45	234	252	270	251
112	45	45	46	57	56	113	45	46	55	66	57	114	45	55	64	76	66
115	45	64	75	88	76	116	45	75	86	101	88	117	45	86	99	114	101
118	45	99	110	126	114	119	45	110	124	140	126	120	45	124	141	157	140
121	45	141	159	175	157	122	45	159	178	193	175	123	45	178	196	212	193
124	45	196	215	230	212	125	45	215	233	248	230	126	45	233	251	267	248
127	45	251	270	285	267	128	45	56	57	68	67	129	45	57	66	78	68
130	45	66	76	89	78	131	45	76	88	103	89	132	45	88	101	116	103
133	45	101	114	130	116	134	45	114	126	143	130	135	45	126	140	158	143
136	45	140	157	176	158	137	45	157	175	192	176	138	45	175	193	211	192
139	45	193	212	229	211	140	45	212	230	247	229	141	45	230	248	266	247
142	45	248	267	284	266	143	45	267	285	303	284	144	45	67	68	80	79
145	45	68	78	91	80	146	45	78	89	104	91	147	45	89	103	118	104
148	45	103	116	132	118	149	45	116	130	147	132	150	45	130	143	161	147
151	45	143	158	177	161	152	45	158	176	194	177	153	45	176	192	210	194
154	45	192	211	227	210	155	45	211	229	245	227	156	45	229	247	264	245
157	45	247	266	282	264	158	45	266	284	301	282	159	45	284	303	319	301
160	45	79	80	94	92	161	45	80	91	106	93	162	45	91	104	119	106
163	45	104	118	134	119	164	45	118	132	149	134	165	45	132	147	165	149
166	45	147	161	180	165	167	45	161	177	195	180	168	45	177	194	213	195
169	45	194	210	228	213	170	45	210	227	244	228	171	45	227	245	263	244
172	45	245	264	281	263	173	45	264	282	300	281	174	45	282	301	318	300
175	45	301	319	336	318	176	45	93	94	80	177	45	93	106	121	108	
178	45	106	119	135	121	179	45	119	134	151	135	180	45	134	149	167	151
181	45	149	165	184	167	182	45	165	180	198	184	183	45	180	195	214	198
184	45	195	213	231	214	185	45	213	228	246	231	186	45	228	244	262	246
187	45	244	263	280	262	188	45	263	281	299	280	189	45	281	300	317	299
190	45	300	318	335	317	191	45	355	336	337	192	45	122	108	123	138	
193	45	108	121	137	123	194	45	121	135	152	137	195	45	135	151	169	152
196	45	151	167	186	169	197	45	167	184	202	186	198	45	184	198	217	202
199	45	198	214	232	217	200	45	214	231	249	232	201	45	231	246	265	249
202	45	246	262	279	265	203	45	262	280	298	279	204	45	280	299	316	298
205	45	299	317	334	316	206	45	317	335	353	334	207	45	335	354	372	353
208	45	138	123	139	155	209	45	123	137	154	139	210	45	137	152	170	154
211	45	152	169	187	170	212	45	169	186	203	187	213	45	186	202	220	203
214	45	202	217	235	220	215	45	217	232	250	235	216	45	232	249	268	250
217	45	249	265	283	268	218	45	265	279	297	283	219	45	279	298	315	297

FİRMA : ESREF KORHAN

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SAYFA: 75

PROJE : havuz

(HAVUZ40.ST4)

MESH BİLGİLERİ

Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L
220	45	298	316	333	315	221	45	316	334	352	333	222	45	334	353	371	352
223	45	353	372	389	371	224	45	155	139	156	173	225	45	139	154	172	156
226	45	154	170	188	172	227	45	170	187	204	188	228	45	187	203	221	204
229	45	203	220	237	221	230	45	220	235	253	237	231	45	235	250	269	253
232	45	250	268	286	269	233	45	268	283	302	286	234	45	283	297	314	302
235	45	297	315	331	314	236	45	315	333	350	331	237	45	333	352	369	350
238	45	352	371	387	369	239	45	371	389	406	387	240	45	173	156	174	190
241	45	156	172	189	174	242	45	172	188	205	189	243	45	188	204	222	205
244	45	204	221	238	222	245	45	221	237	255	238	246	45	237	253	271	255
247	45	253	269	287	271	248	45	269	286	304	287	249	45	286	302	320	304
250	45	302	314	332	320	251	45	314	331	349	332	252	45	331	350	367	349
253	45	350	369	385	367	254	45	369	387	404	385	255	45	387	406	422	404
256	45	190	174	191	207	257	45	174	189	206	191	258	45	189	205	223	206
259	45	205	222	239	223	260	45	222	238	256	239	261	45	238	255	272	256
262	45	255	271	288	272	263	45	271	287	305	288	264	45	287	304	321	305
265	45	304	320	338	321	266	45	320	332	351	338	267	45	332	349	368	351
268	45	349	367	384	368	269	45	367	385	402	384	270	45	385	404	419	402
271	45	404	422	436	419	272	45	207	191	209	225	273	45	191	206	224	209
274	45	206	223	240	224	275	45	223	239	257	240	276	45	239	256	273	257
277	45	256	272	289	273	278	45	272	288	306	289	279	45	288	305	322	306
280	45	305	321	339	322	281	45	321	338	356	339	282	45	338	351	370	356
283	45	351	368	386	370	284	45	368	384	403	386	285	45	384	402	420	403
286	45	402	419	437	420	287	45	419	436	454	437	288	45	225	209	226	242
289	45	209	224	241	226	290	45	224	240	258	241	291	45	240	257	274	258
292	45	257	273	290	274	293	45	273	289	307	290	294	45	289	306	323	307
295	45	306	322	340	323	296	45	322	339	357	340	297	45	339	356	373	357
298	45	356	370	388	373	299	45	370	386	405	388	300	45	386	403	421	405
301	45	403	420	438	421	302	45	420	437	455	438	303	45	437	454	472	455
304	45	242	226	243	260	305	45	226	241	259	243	306	45	241	258	275	259
307	45	258	274	291	275	308	45	274	290	308	291	309	45	290	307	324	308
310	45	307	323	341	324	311	45	323	340	358	341	312	45	340	357	374	358
313	45	357	373	390	374	314	45	373	388	407	390	315	45	388	405	423	407
316	45	405	421	439	423	317	45	421	438	456	439	318	45	438	455	473	456
319	45	455	472	491	473	320	45	260	243	261	277	321	45	243	259	276	261
322	45	259	275	292	276	323	45	275	291	309	292	324	45	291	308	325	309
325	45	308	324	342	325	326	45	324	341	359	342	327	45	341	358	375	359
328	45	358	374	391	375	329	45	374	390	408	391	330	45	390	407	424	408
331	45	407	423	441	424	332	45	423	439	457	441	333	45	439	456	474	457
334	45	456	473	492	474	335	45	473	491	508	492	336	45	277	261	278	294
337	45	261	276	293	278	338	45	276	292	310	293	339	45	292	309	326	310
340	45	309	325	343	326	341	45	325	342	360	343	342	45	342	359	376	360
343	45	359	375	392	376	344	45	375	391	409	392	345	45	391	408	425	409
346	45	408	424	442	425	347	45	424	441	458	442	348	45	441	457	475	458
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352	45	294	278	295	312	353	45	278	293	311	295	354	45	293	310	327	311
355	45	310	326	344	327	356	45	326	343	361	344	357	45	343	360	377	361
358	45	360	376	393	377	359	45	376	392	410	393	360	45	392	409	426	410
361	45	409	425	443	426	362	45	425	442	459	443	363	45	442	458	476	459
364	45	458	475	494	476	365	45	475	493	510	494	366	45	493	509	526	510
367	45	509	525	543	526	368	45	312	295	313	329	369	45	295	311	328	313
370	45	311	327	345	328	371	45	327	344	362	345	372	45	344	361	378	362
373	45	361	377	394	378	374	45	377	393	411	394	375	45	393	410	427	411
376	45	410	426	444	427	377	45	426	443	460	444	378	45	443	459	477	460
379	45	459	476	495	477	380	45	476	494	511	495	381	45	494	510	528	511
382	45	510	526	544	528	383	45	526	543	560	544	384	45	329	313	330	347
385	45	313	328	346	330	386	45	328	345	363	346	387	45	345	362	379	363
388	45	362	378	395	379	389	45	378	394	412	395	390	45	394	411	428	412
391	45	411	427	445	428	392	45	427	444	461	445	393	45	444	460	478	461
394	45	460	477	496	478	395	45	477	495	512	496	396	45	495	511	529	512
397	45	511	528	545	529	398	45	528	544	561	545	399	45	544	560	578	561
400	45	347	330	348	365	401	45	330	346	364	348	402	45	346	363	380	364
403	45	363	379	396	380	404	45	379	395	413	396	405	45	395	412	429	413
406	45	412	428	446	429	407	45	428	445	462	446	408	45	445	461	479	462
409	45	461	478	497	479	410	45	478	496	513	497	411	45	496	512	530	513
412	45	512	529	546	530	413	45	529	545	562	546	414	45	545	561	579	562
415	45	561	578	595	579	416	45	365	348	366	382	417	45	348	364	381	366
418	45	364	380	397	381	419	45	380	396	414	397	420	45	396	413	430	414
421	45	413	429	447	430	422	45	429	446	463	447	423	45	446	462	480	463
424	45	462	479	498	480	425	45	479	497	514	498	426	45	497	513	531	514
427	45	513	530	547	531	428	45	530	546	563	547	429	45	546	562	580	563
430	45	562	579	596	580	431	45	579	595	612	596	432	45	382	366	383	399
433	45	366	381	398	383	434	45	381	397	415	398	435	45	397	414	431	415
436	45	414	430	448	431	437	45	430	447	464	448	438	45	447	463	481	464
439	45	463	480	499	481	440	45	480	498	515	499	441	45	498	514	532	515
442	45	514	531	548	532	443	45	531	547	564	548	444	45	547	563	581	564
445	45	563	580	597	581	446	45	580	596	613	597	447	45	596	612	629	613
448	45	399	383	401	417	449	45	383	398	416	401	450	45	398	415	432	416
451	45	415	431	449	432	452	45	431	448	465	449	453	45	448	464	482	465
454	45	464	481	500	482	455	45	481	499	516	500	456	45	499	515	533	516
457	45	515	532	549	533	458	45	532	548	565	549	459	45	548	564	582	565
460	45	564	581	598	582	461	45	581	597	614	598	462	45	597	613	631	614
463	45	613	629	648	631	464	45	417	401	418	434	465	45	401	416	433	418
466	45	416	432	450	433	467	45	432	449	466	450	468	45	449	46		

FİRMA : ESREF KORHAN

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MESH BİLGİLERİ

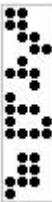
Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L
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472	45	516	533	550	534	473	45	533	549	566	550	474	45	549	565	583	566
475	45	565	582	599	583	476	45	582	598	615	599	477	45	598	614	632	615
478	45	614	631	649	632	479	45	631	648	665	649	480	45	648	665	683	649
481	45	418	433	451	435	482	45	433	450	467	451	483	45	450	466	484	467
484	45	466	483	502	484	485	45	483	501	518	502	486	45	501	517	535	518
487	45	517	534	551	535	488	45	534	550	567	551	489	45	550	566	584	567
490	45	566	583	600	584	491	45	583	599	616	600	492	45	599	615	633	616
493	45	615	632	650	633	494	45	632	649	666	650	495	45	649	665	680	666
496	45	452	435	453	469	497	45	435	451	468	453	498	45	451	467	485	468
499	45	467	484	503	485	500	45	484	502	519	503	501	45	502	518	536	519
502	45	518	535	552	536	503	45	535	551	568	552	504	45	551	567	585	568
505	45	567	584	601	585	506	45	584	600	617	601	507	45	600	616	634	617
508	45	616	633	651	634	509	45	633	650	667	651	510	45	650	666	681	667
511	45	666	680	694	681	512	45	469	453	471	487	513	45	453	468	486	470
514	45	468	485	504	486	515	45	485	503	520	504	516	45	503	519	537	520
517	45	519	536	553	537	518	45	536	552	569	553	519	45	552	568	586	569
520	45	568	585	602	586	521	45	585	601	618	602	522	45	601	617	635	618
523	45	617	634	652	635	524	45	634	651	668	652	525	45	651	667	682	668
526	45	667	681	696	682	527	45	681	694	708	695	528	45	694	707	721	695
529	45	470	486	505	488	530	45	486	504	521	505	531	45	504	520	538	521
532	45	520	537	554	538	533	45	537	553	570	554	534	45	553	569	587	570
535	45	569	586	603	587	536	45	586	602	619	603	537	45	602	618	636	619
538	45	618	635	653	636	539	45	635	652	669	653	540	45	652	668	683	669
541	45	668	682	697	683	542	45	682	696	710	697	543	45	695	709	721	710
544	45	490	488	506	507	545	45	488	505	522	506	546	45	505	521	539	522
547	45	521	538	555	539	548	45	538	554	571	555	549	45	554	570	588	571
550	45	570	587	604	588	551	45	587	603	620	604	552	45	603	619	637	620
553	45	619	636	654	637	554	45	636	653	670	654	555	45	653	669	684	670
556	45	669	683	698	684	557	45	683	697	711	698	558	45	697	710	722	711
559	45	710	721	732	722	560	45	721	732	743	724	561	45	732	743	754	723
562	45	522	539	556	540	563	45	539	555	572	556	564	45	555	571	589	572
565	45	571	588	605	589	566	45	588	604	621	605	567	45	604	620	638	621
568	45	620	637	655	638	569	45	637	654	671	655	570	45	654	670	685	671
571	45	670	684	699	685	572	45	684	698	712	699	573	45	698	711	723	712
574	45	711	722	733	723	575	45	722	732	742	733	576	45	732	743	754	733
577	45	523	540	557	541	578	45	540	556	573	557	579	45	556	572	590	573
580	45	572	589	606	590	581	45	589	605	622	606	582	45	605	621	639	622
583	45	621	638	656	639	584	45	638	655	672	656	585	45	655	671	686	672
586	45	671	685	700	686	587	45	685	699	713	700	588	45	699	712	724	713
589	45	712	723	734	724	590	45	723	733	743	734	591	45	733	742	752	743
592	45	542	541	558	559	593	45	541	557	574	558	594	45	557	573	591	574
595	45	573	590	607	591	596	45	590	606	623	607	597	45	606	622	640	623
598	45	622	639	657	640	599	45	639	656	673	657	600	45	656	672	687	673
601	45	672	686	701	687	602	45	686	700	714	701	603	45	700	713	725	714
604	45	713	724	735	725	605	45	724	734	744	735	606	45	734	743	753	744
607	45	743	752	760	753	608	45	752	761	771	762	609	45	761	770	779	762
610	45	574	591	608	592	611	45	591	607	624	608	612	45	607	623	641	624
613	45	623	640	658	641	614	45	640	657	674	658	615	45	657	673	688	674
616	45	673	687	702	688	617	45	687	701	715	702	618	45	701	714	726	715
619	45	714	725	736	726	620	45	725	735	745	736	621	45	735	744	754	745
622	45	744	753	761	754	623	45	753	760	767	761	624	45	760	769	775	761
625	45	575	592	609	593	626	45	592	608	625	609	627	45	608	624	642	625
628	45	624	641	659	642	629	45	641	658	675	659	630	45	658	674	689	675
631	45	674	688	703	689	632	45	688	702	716	703	633	45	702	715	727	716
634	45	715	726	737	727	635	45	726	736	746	737	636	45	736	745	755	746
637	45	745	754	762	755	638	45	754	761	769	762	639	45	761	767	774	769
640	45	594	593	610	611	641	45	593	609	626	610	642	45	609	625	643	626
643	45	625	642	660	643	644	45	642	659	676	660	645	45	659	675	690	676
646	45	675	689	704	690	647	45	689	703	717	704	648	45	703	716	728	717
649	45	716	727	738	728	650	45	727	737	747	738	651	45	737	746	756	747
652	45	746	755	763	756	653	45	755	762	770	763	654	45	762	769	775	770
655	45	769	774	779	775	656	45	774	780	785	776	657	45	780	784	789	776
658	45	626	643	661	644	659	45	643	660	677	661	660	45	660	676	691	677
661	45	676	690	705	691	662	45	690	704	718	705	663	45	704	717	729	718
664	45	717	728	739	729	665	45	728	738	748	739	666	45	738	747	757	748
667	45	747	756	764	757	668	45	756	763	771	764	669	45	763	770	776	771
670	45	770	775	780	776	671	45	775	779	783	780	672	45	779	782	787	780
673	45	627	644	662	645	674	45	644	661	678	662	675	45	661	677	692	678
676	45	677	691	706	692	677	45	691	705	719	706	678	45	705	718	730	719
679	45	718	729	740	730	680	45	729	739	749	740	681	45	739	748	758	749
682	45	748	757	765	758	683	45	757	764	772	765	684	45	764	771	777	772
685	45	771	776	781	777	686	45	776	780	784	781	687	45	780	783	786	784
688	45	646	664	647	689	690	45	664	662	679	663	690	45	662	678	693	679
691	45	678	692	707	693	692	45	692	706	720	707	693	45	706	719	731	720
694	45	719	730	741	731	695	45	730	740	750	741	696	45	740	749	759	750
697	45	749	758	766	759	698	45	758	765	773	766	699	45	765	772	778	773
700	45	772	777	782	778	701	45	777	781	785	782	702	45	781	784	788	785
703	45	787	786	789		704	45	1	2	6	5	705	45	5	9	4	
706	45	1	5	4		707	45	168	166	150		708	45	153	171	168	
709	45	107	94	108	122	710	45	93	108	94		711	45	94	107	92	
712	45	336	355	354	335	713	45	318	336	335		714	45	336	319	337	
715	45	487	471	489		716	45	453	470	471		717	45	471	490	489	

MESH BİLGİLERİ

Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L	Mesh no	d cm	I	J	K	L
718	45	696	695	710		719	45	681	695	696		720	45	695	708	709	
721	45	646	645	663	664	722	45	627	645	646		723	45	787	789	788	
724	45	784	787	788		725	45	787	784	786							

RADYE NOKTA YÜKLERİ (t) - (m)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
5 Pz	2.89	-0.33	0.47	-1.51	-1.52	0.45	-0.30	0.00	-74.16	-74.24	-1.84	-1.83	-2.04	-0.04	1.74
5 Mx	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	-2.22	-0.02	0.01	-0.06	0.00	-0.08
5 My	0.31	0.01	0.02	-0.01	-0.01	0.04	-0.01	0.00	-1.31	-0.80	-0.76	-0.82	-0.03	-0.02	0.19
12 Pz	16.68	2.08	0.57	1.48	1.51	0.86	1.72	0.00	42.00	43.70	-2.29	-2.50	1.18	-0.05	10.02
12 Mx	-6.85	-0.03	0.30	-0.33	-0.34	0.33	-0.05	0.00	-289.5	-320.6	-3.17	0.80	-5.04	-0.01	-4.12
12 My	-0.28	-0.24	-0.13	-0.11	-0.11	-0.22	-0.15	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.17
36 Pz	18.01	1.02	-0.21	1.02	1.02	0.12	0.67	0.00	81.98	83.34	-2.10	-2.28	2.28	-0.05	10.83
36 Mx	-0.87	-0.02	-0.01	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	-0.52
36 My	20.67	2.41	2.30	0.04	-0.27	4.49	0.46	0.00	-122.2	-100.5	-49.96	-52.74	-1.84	-0.66	12.43
53 Pz	10.59	0.89	0.50	0.36	0.37	0.73	0.62	0.00	0.00	0.00	-0.81	-0.81	0.00	-0.02	6.36
53 Mx	-0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.00	-7.83	-8.67	-0.07	0.04	-0.23	0.00	-0.01
53 My	-0.44	-0.24	-0.14	-0.10	-0.10	-0.23	-0.14	0.00	0.00	0.00	-0.16	-0.16	0.00	0.00	-0.26
90 Pz	15.92	0.77	0.77	-0.19	-0.16	0.77	0.38	0.00	-41.98	-43.69	-2.56	-2.34	-1.18	-0.05	9.57
90 Mx	5.17	-0.19	0.34	-0.53	-0.52	0.31	-0.18	0.00	-289.5	-320.6	-1.66	2.31	-5.04	0.01	3.11
90 My	-0.27	-0.23	-0.14	-0.10	-0.10	-0.23	-0.14	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	-0.16
94 Pz	7.37	-1.69	0.37	-2.63	-2.62	0.30	-1.53	0.00	-88.95	-89.03	-0.21	-0.20	-2.45	0.00	4.43
94 Mx	-0.30	-0.01	0.00	0.00	-0.01	0.00	-0.01	0.00	-1.32	-1.40	-0.01	0.00	-0.04	0.00	-0.18
94 My	0.17	0.01	0.02	0.00	-0.01	0.04	-0.01	0.00	-0.81	-0.32	-0.79	-0.85	-0.02	-0.02	0.10
168 Pz	7.48	1.61	-0.58	1.61	1.61	-0.02	1.05	0.00	74.16	74.24	-1.83	-1.84	2.04	-0.04	4.49
168 Mx	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	-2.22	-0.01	0.02	-0.06	0.00	0.07
168 My	0.32	0.02	0.01	0.01	0.01	0.03	0.01	0.00	1.30	0.80	-0.84	-0.77	0.03	-0.02	0.19
208 Pz	23.84	-0.14	-0.49	0.14	0.15	-0.31	-0.36	0.00	67.78	68.14	-0.02	-0.06	1.87	0.00	14.33
208 Mx	-1.39	-0.05	-0.02	-0.03	-0.03	-0.03	-0.03	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	-0.84
208 My	9.30	-0.23	1.14	-1.40	-1.89	3.53	-2.17	0.00	-62.05	-40.33	-57.51	-60.28	-0.85	-0.76	5.59
254 Pz	15.04	-0.48	0.39	-1.47	-1.47	0.43	-0.61	0.00	-81.98	-83.33	-2.32	-2.15	-2.28	-0.05	9.04
254 Mx	0.82	0.01	0.02	-0.01	-0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.49
254 My	24.13	2.52	1.13	1.32	1.01	3.71	0.17	0.00	122.58	100.79	-53.61	-50.83	1.85	-0.66	14.50
296 Pz	8.50	-1.29	0.37	-2.22	-2.21	0.30	-1.13	0.00	-90.98	-90.98	0.00	0.00	-2.51	0.00	5.11
296 Mx	-0.36	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-1.23	-1.23	0.00	0.00	-0.03	0.00	-0.22
296 My	0.00	-0.01	0.00	-0.01	-0.01	0.02	-0.02	0.00	-0.24	0.25	-0.80	-0.87	0.00	-0.02	0.00
336 Pz	11.29	1.40	-0.69	1.40	1.40	-0.48	1.18	0.00	88.94	89.03	-0.20	-0.21	2.45	0.00	6.78
336 Mx	0.28	0.01	0.01	0.00	0.00	0.01	0.00	0.00	-1.32	-1.40	0.00	0.01	-0.04	0.00	0.17
336 My	0.19	0.01	0.01	0.00	0.00	0.03	-0.01	0.00	0.81	0.32	-0.87	-0.80	0.02	-0.02	0.12
400 Pz	23.84	1.00	-0.50	1.00	1.00	-0.29	0.78	0.00	68.14	67.78	0.02	0.06	1.87	0.00	14.33
400 Mx	-1.39	-0.05	-0.02	-0.03	-0.03	-0.03	-0.04	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	-0.84
400 My	-9.37	-3.82	-1.14	-2.65	-3.32	1.06	-5.32	0.00	40.50	62.22	-57.51	-60.29	0.85	-0.76	-5.63
440 Pz	20.29	-0.70	0.34	-1.58	-1.56	0.26	-0.54	0.00	-67.79	-68.15	-0.07	-0.03	-1.87	0.00	12.19
440 Mx	1.34	0.03	0.04	-0.01	-0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.80
440 My	11.07	0.49	0.54	-0.09	-0.58	3.26	-1.78	0.00	62.06	40.31	-61.24	-58.46	0.85	-0.76	6.65
471 Pz	7.37	-1.03	0.37	-1.97	-1.95	0.30	-0.88	0.00	-89.04	-88.95	0.21	0.20	-2.45	0.00	4.43
471 Mx	-0.30	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	0.00	-1.40	-1.31	0.01	0.00	-0.04	0.00	-0.18
471 My	-0.17	-0.03	-0.02	-0.01	-0.02	0.00	-0.04	0.00	0.33	0.82	-0.79	-0.85	0.02	-0.02	-0.10
527 Pz	12.45	1.41	-0.69	1.41	1.41	-0.48	1.18	0.00	90.98	90.98	0.00	0.00	2.51	0.00	7.48
527 Mx	0.35	0.01	0.01	0.00	0.00	0.01	0.01	0.00	-1.23	-1.23	0.00	0.00	-0.03	0.00	0.21
527 My	0.00	-0.02	0.00	-0.02	-0.02	0.02	-0.03	0.00	0.24	-0.25	-0.88	-0.82	0.00	-0.02	0.00
577 Pz	18.02	2.01	-0.18	2.01	2.01	-0.07	1.79	0.00	83.32	81.96	2.11	2.28	2.28	0.05	10.83
577 Mx	-0.86	-0.03	-0.01	-0.02	-0.03	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	-0.52
577 My	-20.74	-4.61	-2.28	-2.25	-2.91	-0.53	-5.63	0.00	100.71	122.47	-49.96	-52.74	1.84	-0.66	-12.4
630 Pz	20.29	-0.68	0.34	-1.54	-1.53	0.30	-0.59	0.00	-68.14	-67.78	0.08	0.03	-1.87	0.00	12.19
630 Mx	1.34	0.03	0.04	-0.01	-0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.80
630 My	-11.15	-3.01	-0.54	-2.43	-3.10	1.64	-4.48	0.00	-41.09	-62.85	-61.26	-58.48	-0.86	-0.76	-6.70
646 Pz	2.89	-0.24	0.48	-1.46	-1.36	0.38	-0.09	0.00	-74.24	-74.16	1.84	1.83	-2.04	0.04	1.74
646 Mx	-0.13	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-2.21	-1.98	0.02	-0.01	-0.06	0.00	-0.08
646 My	-0.31	-0.02	-0.02	0.00	-0.01	0.00	-0.04	0.00	0.81	1.31	-0.76	-0.82	0.03	-0.02	-0.19



RADYE NOKTA YÜKLERİ (t) - (m)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
695 Pz	11.29	1.39	-0.69	1.39	1.39	-0.48	1.16	0.00	89.04	88.95	0.20	0.21	2.45	0.00	6.78
695 Mx	0.28	0.00	0.01	0.00	0.00	0.01	0.00	0.00	-1.40	-1.31	0.00	-0.01	-0.04	0.00	0.17
695 My	-0.20	-0.04	-0.01	-0.03	-0.04	0.01	-0.05	0.00	-0.33	-0.82	-0.87	-0.81	-0.02	-0.02	-0.12
707 Pz	16.68	1.91	0.54	1.34	1.44	0.62	1.69	0.00	43.67	41.96	2.29	2.50	1.18	0.05	10.02
707 Mx	-6.84	-0.55	0.27	-0.82	-0.82	0.06	-0.33	0.00	-319.9	-288.8	3.17	-0.80	-5.04	0.01	-4.11
707 My	0.28	0.22	0.09	0.13	0.13	0.10	0.22	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	0.17
751 Pz	10.59	0.91	0.46	0.42	0.48	0.43	0.85	0.00	0.00	0.00	0.81	0.81	0.00	0.02	6.36
751 Mx	-0.02	-0.02	0.01	-0.03	-0.03	0.00	-0.02	0.00	-8.66	-7.81	0.07	-0.04	-0.23	0.00	-0.01
751 My	0.44	0.23	0.10	0.13	0.14	0.10	0.23	0.00	0.00	0.00	-0.16	-0.16	0.00	0.00	0.26
768 Pz	15.03	-0.40	0.40	-1.42	-1.33	0.30	-0.26	0.00	-83.32	-81.96	2.32	2.15	-2.28	0.05	9.03
768 Mx	0.82	0.00	0.03	-0.02	-0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.49
768 My	-24.08	-4.72	-1.10	-3.55	-4.20	0.38	-5.47	0.00	-101.0	-122.7	-53.38	-50.61	-1.85	-0.66	-14.4
778 Pz	15.91	0.74	0.74	-0.20	-0.10	0.74	0.69	0.00	-43.68	-41.98	2.56	2.34	-1.18	0.05	9.56
778 Mx	5.19	-0.66	0.37	-1.03	-1.02	0.24	-0.54	0.00	-319.9	-288.8	1.67	-2.31	-5.03	-0.01	3.12
778 My	0.27	0.21	0.10	0.12	0.12	0.10	0.21	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.16
787 Pz	7.47	1.58	-0.53	1.58	1.58	-0.49	1.43	0.00	74.23	74.16	1.83	1.84	2.04	0.04	4.49
787 Mx	0.12	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	-2.21	-1.98	0.01	-0.02	-0.06	0.00	0.07
787 My	-0.32	-0.05	-0.01	-0.04	-0.05	0.00	-0.06	0.00	-0.81	-1.32	-0.84	-0.77	-0.03	-0.02	-0.19

Tg= 319.71 (t) Tq= 11.73 (t) Radye temele etkiyen yükler
Tg= 319.71 (t) Tq= 11.73 (t) Tüm yapının temel yükü

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
1	-0.25	-0.01	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.09	-0.02	0.00	0.00	0.00	0.00	-0.15
2	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.38	0.01	0.00	0.00	0.00	-0.02
3	0.23	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.71	0.76	0.03	0.03	0.01	0.00	0.14
4	-0.20	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	-0.14	-0.09	0.01	0.00	0.00	0.00	-0.25
5	0.24	0.00	0.01	-0.01	-0.01	0.01	0.00	0.00	0.10	0.14	0.06	0.05	0.00	0.00	0.14
6	0.32	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.02	0.05	0.05	0.00	0.00	0.19
7	0.52	0.02	0.01	-0.01	0.00	0.01	0.01	0.00	0.96	1.02	0.06	0.05	0.02	0.00	0.31
8	0.13	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.01	0.03	0.02	0.01	0.00	0.00	0.08
9	0.62	0.01	0.01	-0.02	-0.02	0.01	0.00	0.00	0.28	0.36	0.13	0.12	0.00	0.00	0.37
10	0.63	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	-0.21	-0.17	0.09	0.08	-0.01	0.00	0.38
11	0.10	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.10	0.01	0.00	0.00	0.00	0.06
12	0.76	0.03	0.01	-0.01	0.00	0.02	0.02	0.00	0.75	0.77	0.08	0.07	0.01	0.00	0.46
13	0.15	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.56	-0.53	0.02	0.01	-0.01	0.00	0.09
14	2.30	0.05	0.04	-0.04	-0.04	0.05	0.03	0.00	1.17	1.24	0.32	0.31	0.01	0.00	1.38
15	1.14	0.04	0.02	-0.01	-0.01	0.02	0.02	0.00	-0.30	-0.25	0.15	0.14	-0.01	0.00	0.68
16	0.11	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.06
17	-0.18	0.00	0.00	0.01	0.01	0.00	0.00	0.00	-0.65	-0.62	-0.03	-0.03	-0.01	0.00	-0.11
18	0.89	0.03	0.02	0.00	0.00	0.02	0.02	0.00	0.39	0.38	0.08	0.09	0.01	0.00	0.53
19	0.28	0.02	0.00	0.01	0.01	0.00	0.01	0.00	-0.98	-0.95	0.03	0.02	-0.02	0.00	0.17
20	3.45	0.09	0.06	-0.06	-0.05	0.07	0.06	0.00	1.55	1.62	0.43	0.42	0.01	0.00	2.07
21	1.74	0.06	0.03	-0.02	-0.01	0.03	0.04	0.00	-0.34	-0.29	0.20	0.20	-0.01	0.00	1.05
22	0.06	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.07	-0.07	-0.01	-0.01	0.00	0.00	0.04
23	-0.40	0.00	-0.01	0.01	0.01	-0.01	0.00	0.00	-0.64	-0.62	-0.06	-0.06	-0.01	0.00	-0.24
24	-0.33	0.00	-0.01	0.02	0.01	-0.01	0.00	0.00	-1.23	-1.21	-0.05	-0.05	-0.02	0.00	-0.20
25	0.85	0.03	0.02	0.00	0.00	0.02	0.02	0.00	0.26	0.25	0.08	0.08	0.00	0.00	0.51
26	0.51	0.03	0.00	0.01	0.01	0.01	0.02	0.00	-1.30	-1.26	0.05	0.05	-0.02	0.00	0.30
27	4.49	0.12	0.07	-0.06	-0.05	0.09	0.08	0.00	1.70	1.77	0.52	0.51	0.02	0.00	2.69
28	2.34	0.08	0.03	-0.02	-0.01	0.04	0.05	0.00	-0.41	-0.36	0.25	0.25	-0.01	0.00	1.41
29	-0.52	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	-0.55	-0.54	-0.07	-0.07	-0.01	0.00	-0.31
30	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.02	0.00	0.00	-0.01
31	-0.74	-0.01	-0.01	0.02	0.02	-0.02	-0.01	0.00	-1.20	-1.19	-0.09	-0.10	-0.02	0.00	-0.45
32	-0.38	0.00	-0.01	0.02	0.02	-0.01	0.00	0.00	-1.67	-1.65	-0.05	-0.06	-0.03	0.00	-0.23
33	0.56	0.03	0.01	0.00	0.00	0.01	0.02	0.00	0.08	0.08	0.05	0.05	0.00	0.00	0.34
34	0.78	0.04	0.01	0.01	0.01	0.01	0.03	0.00	-1.54	-1.51	0.07	0.07	-0.03	0.00	0.47
35	5.36	0.15	0.09	-0.07	-0.06	0.11	0.10	0.00	1.63	1.71	0.56	0.55	0.01	0.00	3.22
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	2.89	0.09	0.04	-0.02	-0.02	0.05	0.07	0.00	-0.53	-0.48	0.29	0.28	-0.01	0.00	1.74
38	-0.42	-0.01	0.00	0.01	0.01	-0.01	0.00	0.00	-0.34	-0.34	-0.06	-0.06	0.00	0.00	-0.25
39	-0.95	-0.02	-0.02	0.02	0.01	-0.02	-0.01	0.00	-1.01	-1.00	-0.12	-0.12	-0.01	0.00	-0.57
40	0.25	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.42	0.43	0.01	0.01	0.01	0.00	0.15
41	-0.98	-0.02	-0.02	0.02	0.02	-0.02	-0.01	0.00	-1.67	-1.66	-0.12	-0.12	-0.02	0.00	-0.59
42	-0.36	0.00	-0.01	0.02	0.02	-0.01	0.01	0.00	-2.02	-2.00	-0.05	-0.05	-0.03	0.00	-0.22
43	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	-0.09
44	1.07	0.05	0.01	0.01	0.01	0.02	0.04	0.00	-1.75	-1.72	0.10	0.09	-0.03	0.00	0.64
45	6.04	0.18	0.09	-0.07	-0.06	0.12	0.12	0.00	1.44	1.52	0.58	0.57	0.01	0.00	3.63
46	3.36	0.11	0.05	-0.03	-0.02	0.06	0.08	0.00	-0.70	-0.65	0.32	0.31	-0.02	0.00	2.02
47	-0.88	-0.02	-0.01	0.01	0.01	-0.02	-0.01	0.00	-0.68	-0.68	-0.11	-0.11	-0.01	0.00	-0.53
48	0.21	0.01	0.00	0.00	0.01	0.01	0.01	0.00	-0.04	-0.04	0.00	0.00	0.00	0.00	0.13
49	-1.33	-0.03	-0.02	0.02	0.02	-0.03	-0.02	0.00	-1.41	-1.41	-0.15	-0.15	-0.02	0.00	-0.80
50	3.60	0.15	0.05	0.00	0.01	0.06	0.11	0.00	0.00	0.00	0.35	0.35	0.00	0.00	2.16
51	-1.16	-0.02	-0.02	0.03	0.02	-0.03	-0.01	0.00	-2.04	-2.03	-0.13	-0.13	-0.03	0.00	-0.70
52	-0.30	0.01	-0.01	0.02	0.02	-0.01	0.01	0.00	-2.29	-2.28	-0.04	-0.04	-0.04	0.00	-0.18

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.57	0.03	0.01	0.01	0.01	0.01	0.02	0.00	-0.08	-0.08	0.05	0.05	0.00	0.00	0.34
55	1.35	0.06	0.01	0.00	0.01	0.02	0.04	0.00	-1.95	-1.92	0.12	0.12	-0.03	0.00	0.81
56	6.49	0.19	0.10	-0.08	-0.06	0.13	0.13	0.00	1.20	1.28	0.59	0.58	0.00	0.00	3.90
57	3.74	0.12	0.05	-0.03	-0.02	0.07	0.09	0.00	-0.90	-0.85	0.33	0.32	-0.02	0.00	2.25
58	-0.51	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	-0.31	-0.30	-0.07	-0.07	0.00	0.00	-0.31
59	-1.42	-0.04	-0.02	0.02	0.01	-0.03	-0.03	0.00	-1.00	-1.00	-0.16	-0.16	-0.01	0.00	-0.85
60	1.78	0.07	0.02	0.00	0.01	0.03	0.05	0.00	0.00	0.00	0.16	0.16	0.00	0.00	1.07
61	-1.67	-0.04	-0.03	0.03	0.02	-0.03	-0.03	0.00	-1.75	-1.75	-0.18	-0.18	-0.03	0.00	-1.01
62	0.26	0.02	0.00	0.01	0.01	0.01	0.01	0.00	-0.42	-0.43	0.01	0.01	-0.01	0.00	0.16
63	-1.29	-0.03	-0.02	0.03	0.03	-0.03	-0.02	0.00	-2.33	-2.32	-0.13	-0.14	-0.03	0.00	-0.78
64	-0.21	0.01	-0.01	0.02	0.02	-0.01	0.01	0.00	-2.52	-2.50	-0.03	-0.03	-0.04	0.00	-0.13
65	0.87	0.04	0.01	0.01	0.01	0.02	0.03	0.00	-0.26	-0.25	0.08	0.08	0.00	0.00	0.52
66	1.63	0.07	0.02	0.00	0.01	0.03	0.05	0.00	-2.14	-2.11	0.14	0.13	-0.04	0.00	0.98
67	6.61	0.19	0.09	-0.08	-0.07	0.12	0.12	0.00	0.92	0.99	0.57	0.56	0.00	0.00	3.97
68	4.10	0.14	0.06	-0.03	-0.02	0.08	0.10	0.00	-1.11	-1.06	0.34	0.34	-0.03	0.00	2.46
69	-1.32	-0.04	-0.02	0.01	0.01	-0.02	-0.03	0.00	-0.51	-0.50	-0.15	-0.15	-0.01	0.00	-0.79
70	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	-0.04
71	-1.94	-0.06	-0.03	0.02	0.02	-0.04	-0.04	0.00	-1.26	-1.26	-0.20	-0.20	-0.02	0.00	-1.17
72	0.21	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.12
73	-1.97	-0.05	-0.03	0.03	0.02	-0.04	-0.04	0.00	-2.02	-2.01	-0.20	-0.20	-0.03	0.00	-1.19
74	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-0.02	-0.02	0.00	0.00	-0.01
75	-1.38	-0.03	-0.03	0.03	0.03	-0.03	-0.02	0.00	-2.56	-2.55	-0.13	-0.14	-0.04	0.00	-0.83
76	-0.09	0.02	-0.01	0.02	0.02	-0.01	0.01	0.00	-2.71	-2.69	-0.02	-0.02	-0.04	0.00	-0.05
77	0.91	0.05	0.01	0.01	0.01	0.02	0.03	0.00	-0.39	-0.38	0.09	0.09	-0.01	0.00	0.55
78	1.94	0.08	0.02	0.00	0.01	0.03	0.06	0.00	-2.31	-2.28	0.16	0.15	-0.04	0.00	1.16
79	6.28	0.17	0.07	-0.09	-0.08	0.10	0.11	0.00	0.55	0.61	0.51	0.50	-0.01	0.00	3.77
80	3.67	0.13	0.06	-0.02	-0.01	0.08	0.10	0.00	-1.04	-1.00	0.29	0.28	-0.02	0.00	2.95
81	-2.03	-0.07	-0.03	0.01	0.01	-0.04	-0.05	0.00	-0.65	-0.65	-0.21	-0.21	-0.01	0.00	-1.22
82	-1.24	-0.05	-0.01	0.00	0.00	-0.02	-0.03	0.00	0.00	0.00	-0.14	-0.14	0.00	0.00	-0.74
83	-0.52	-0.02	0.00	0.00	0.00	0.00	-0.02	0.00	0.31	0.30	-0.07	-0.07	0.00	0.00	-0.31
84	-2.40	-0.07	-0.03	0.02	0.02	-0.05	-0.05	0.00	-1.46	-1.46	-0.23	-0.23	-0.02	0.00	-1.44
85	-0.43	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.34	0.34	-0.06	-0.06	0.00	0.00	-0.26
86	-2.22	-0.06	-0.04	0.03	0.02	-0.04	-0.04	0.00	-2.22	-2.22	-0.21	-0.21	-0.03	0.00	-1.33
87	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	-0.01	-0.01	0.00	0.00	0.04
88	-1.43	-0.03	-0.03	0.03	0.03	-0.03	-0.02	0.00	-2.75	-2.74	-0.13	-0.13	-0.04	0.00	-0.86
89	0.04	0.02	-0.01	0.02	0.02	0.00	0.02	0.00	-2.87	-2.85	0.00	0.00	-0.05	0.00	0.02
90	0.78	0.04	0.01	0.01	0.01	0.01	0.03	0.00	-0.75	-0.77	0.07	0.08	-0.01	0.00	0.47
91	2.26	0.09	0.03	0.00	0.01	0.04	0.07	0.00	-2.48	-2.44	0.17	0.17	-0.04	0.00	1.36
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04	0.00	0.00	0.00	0.00	0.00
93	6.68	0.23	0.10	-0.04	-0.03	0.13	0.16	0.00	-1.47	-1.41	0.49	0.49	-0.04	0.00	4.01
94	2.73	0.07	0.03	-0.04	-0.03	0.04	0.05	0.00	-0.04	-0.01	0.20	0.20	-0.01	0.00	3.02
95	-2.62	-0.09	-0.03	0.01	0.01	-0.05	-0.07	0.00	-0.77	-0.77	-0.25	-0.25	-0.01	0.00	-1.57
96	-2.06	-0.08	-0.02	0.00	0.00	-0.03	-0.06	0.00	0.00	0.00	-0.21	-0.21	0.00	0.00	-1.24
97	-1.34	-0.06	-0.01	0.00	-0.01	-0.02	-0.04	0.00	0.50	0.50	-0.15	-0.15	0.01	0.00	-0.81
98	-0.91	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.68	0.68	-0.11	-0.11	0.01	0.00	-0.55
99	-2.77	-0.09	-0.04	0.02	0.02	-0.05	-0.06	0.00	-1.62	-1.62	-0.25	-0.25	-0.02	0.00	-1.66
100	-0.54	-0.03	0.00	-0.01	-0.01	0.00	-0.02	0.00	0.55	0.54	-0.07	-0.07	0.01	0.00	-0.32
101	-2.41	-0.07	-0.04	0.03	0.03	-0.05	-0.05	0.00	-2.39	-2.38	-0.21	-0.21	-0.04	0.00	-1.45
102	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.04	0.00	0.00	0.00	0.00	0.06
103	-1.46	-0.03	-0.03	0.03	0.03	-0.03	-0.02	0.00	-2.90	-2.89	-0.12	-0.12	-0.04	0.00	-0.88
104	0.14	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.02	-3.01	0.01	0.01	-0.05	0.00	0.08
105	0.55	0.03	0.00	0.01	0.01	0.01	0.02	0.00	-0.96	-1.02	0.05	0.06	-0.02	0.00	0.33
106	2.54	0.10	0.03	0.00	0.01	0.05	0.08	0.00	-2.65	-2.62	0.19	0.18	-0.05	0.00	1.53
107	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.08	0.00	0.00	0.00	0.00	-0.01
108	5.38	0.19	0.08	-0.03	-0.02	0.11	0.14	0.00	-1.65	-1.61	0.38	0.37	-0.04	0.00	3.23
109	-2.70	-0.10	-0.03	0.00	0.00	-0.04	-0.08	0.00	0.00	0.00	-0.25	-0.25	0.00	0.00	-1.62
110	-3.09	-0.11	-0.04	0.02	0.01	-0.05	-0.08	0.00	-0.85	-0.85	-0.28	-0.28	-0.01	0.00	-1.85
111	-2.06	-0.09	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.65	0.65	-0.21	-0.21	0.01	0.00	-1.24
112	-1.46	-0.07	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	1.00	1.00	-0.16	-0.16	0.01	0.00	-0.87
113	-0.99	-0.05	0.00	-0.01	-0.01	-0.01	-0.04	0.00	1.01	1.00	-0.12	-0.12	0.01	0.00	-0.59
114	-3.07	-0.10	-0.04	0.02	0.02	-0.06	-0.07	0.00	-1.74	-1.74	-0.26	-0.26	-0.03	0.00	-1.85
115	-0.42	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.00	0.64	0.62	-0.06	-0.06	0.01	0.00	-0.25
116	-2.56	-0.07	-0.04	0.03	0.03	-0.05	-0.05	0.00	-2.52	-2.51	-0.21	-0.21	-0.04	0.00	-1.54
117	0.10	0.00	0.00	0.00	0.00										

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
136	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-0.37	0.00	0.01	0.00	0.00	-0.02
137	2.40	0.10	0.03	0.00	0.01	0.04	0.07	0.00	-2.95	-2.92	0.15	0.15	-0.05	0.00	1.44
138	7.32	0.21	0.10	-0.08	-0.07	0.13	0.15	0.00	-0.03	0.01	0.46	0.46	-0.02	0.00	4.40
139	4.75	0.16	0.06	-0.03	-0.02	0.09	0.11	0.00	-2.02	-1.99	0.27	0.27	-0.04	0.00	2.85
140	-3.60	-0.14	-0.04	0.00	0.00	-0.06	-0.10	0.00	0.00	0.00	-0.30	-0.30	0.00	0.00	-2.16
141	-3.12	-0.13	-0.03	-0.01	-0.01	-0.05	-0.10	0.00	0.85	0.85	-0.28	-0.28	0.01	0.00	-1.87
142	-2.45	-0.11	-0.02	-0.01	-0.02	-0.03	-0.08	0.00	1.46	1.46	-0.23	-0.23	0.02	0.00	-1.47
143	-3.75	-0.13	-0.05	0.02	0.01	-0.07	-0.10	0.00	-0.97	-0.97	-0.30	-0.30	-0.01	0.00	-2.25
144	-1.74	-0.09	-0.01	-0.02	-0.02	-0.02	-0.06	0.00	1.75	1.74	-0.18	-0.18	0.03	0.00	-1.04
145	-1.05	-0.06	0.00	-0.02	-0.02	-0.01	-0.04	0.00	1.67	1.66	-0.12	-0.12	0.02	0.00	-0.63
146	-0.38	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.00	1.23	1.21	-0.05	-0.05	0.02	0.00	-0.23
147	-3.50	-0.11	-0.05	0.03	0.02	-0.07	-0.08	0.00	-1.92	-1.91	-0.26	-0.26	-0.03	0.00	-2.10
148	0.13	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.57	0.53	0.01	0.01	0.01	0.00	0.08
149	-2.77	-0.08	-0.04	0.03	0.03	-0.06	-0.06	0.00	-2.72	-2.72	-0.20	-0.20	-0.04	0.00	-1.67
150	0.34	0.02	0.01	0.01	0.01	0.01	0.02	0.00	0.00	-0.03	0.05	0.05	0.00	0.00	0.20
151	-1.52	-0.03	-0.03	0.03	0.03	-0.04	-0.02	0.00	-3.25	-3.25	-0.10	-0.10	-0.05	0.00	-0.91
152	0.24	0.03	0.00	0.02	0.02	0.00	0.02	0.00	-3.41	-3.39	0.02	0.02	-0.06	0.00	0.14
153	-0.25	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.09	0.02	-0.01	0.00	0.00	0.00	-0.15
154	2.30	0.09	0.02	0.00	0.01	0.04	0.07	0.00	-3.08	-3.06	0.13	0.13	-0.05	0.00	1.38
155	7.74	0.23	0.11	-0.08	-0.07	0.15	0.16	0.00	-0.16	-0.12	0.45	0.44	-0.02	0.00	4.65
156	4.78	0.16	0.06	-0.03	-0.02	0.09	0.12	0.00	-2.15	-2.12	0.24	0.24	-0.05	0.00	2.87
157	-3.49	-0.14	-0.03	-0.01	-0.01	-0.05	-0.11	0.00	0.91	0.91	-0.29	-0.29	0.01	0.00	-2.10
158	-3.91	-0.15	-0.04	0.00	0.00	-0.06	-0.11	0.00	0.00	0.00	-0.31	-0.31	0.00	0.00	-2.35
159	-2.83	-0.13	-0.02	-0.02	-0.02	-0.04	-0.09	0.00	1.62	1.62	-0.25	-0.25	0.02	0.00	-1.70
160	-2.05	-0.10	-0.01	-0.02	-0.03	-0.02	-0.08	0.00	2.01	2.01	-0.20	-0.20	0.03	0.00	-1.23
161	-3.97	-0.14	-0.05	0.02	0.01	-0.07	-0.10	0.00	-1.01	-1.01	-0.30	-0.30	-0.01	0.00	-2.39
162	-1.23	-0.07	0.00	-0.02	-0.02	-0.01	-0.05	0.00	2.04	2.03	-0.13	-0.13	0.03	0.00	-0.74
163	-0.44	-0.03	0.00	-0.01	-0.02	0.00	-0.02	0.00	1.68	1.65	-0.06	-0.05	0.03	0.00	-0.26
164	0.25	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.99	0.95	0.02	0.03	0.02	0.00	0.15
165	-3.63	-0.12	-0.05	0.03	0.02	-0.07	-0.09	0.00	-1.98	-1.98	-0.25	-0.25	-0.03	0.00	-2.18
166	0.59	0.04	0.02	0.02	0.02	0.02	0.04	0.00	0.22	0.17	0.08	0.08	0.01	0.00	0.35
167	-2.82	-0.08	-0.04	0.03	0.03	-0.06	-0.06	0.00	-2.80	-2.79	-0.18	-0.18	-0.04	0.00	-1.69
168	0.44	0.02	0.00	0.01	0.01	0.00	0.02	0.00	-0.17	-0.19	0.06	0.07	0.00	0.00	0.22
169	-1.51	-0.03	-0.03	0.03	0.03	-0.04	-0.02	0.00	-3.35	-3.34	-0.09	-0.09	-0.05	0.00	-0.91
170	0.20	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.52	-3.51	0.02	0.01	-0.06	0.00	0.12
171	-0.41	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	0.28	0.18	0.00	0.01	0.01	0.00	-0.25
172	2.26	0.09	0.02	0.00	0.01	0.04	0.07	0.00	-3.20	-3.19	0.12	0.11	-0.06	0.00	1.36
173	7.89	0.24	0.11	-0.08	-0.06	0.15	0.17	0.00	-0.30	-0.27	0.41	0.41	-0.02	0.00	4.74
174	4.76	0.16	0.06	-0.03	-0.02	0.09	0.12	0.00	-2.26	-2.24	0.21	0.21	-0.05	0.00	2.86
175	-3.14	-0.14	-0.03	-0.02	-0.02	-0.04	-0.10	0.00	1.74	1.74	-0.26	-0.26	0.03	0.00	-1.88
176	-3.79	-0.16	-0.04	-0.01	-0.02	-0.06	-0.12	0.00	0.96	0.96	-0.30	-0.30	0.01	0.00	-2.27
177	-4.14	-0.16	-0.05	0.00	0.00	-0.07	-0.12	0.00	0.00	0.00	-0.31	-0.31	0.00	0.00	-2.49
178	-2.30	-0.11	-0.01	-0.02	-0.03	-0.03	-0.08	0.00	2.22	2.22	-0.21	-0.21	0.03	0.00	-1.38
179	-1.37	-0.07	0.00	-0.02	-0.03	-0.01	-0.06	0.00	2.33	2.32	-0.14	-0.14	0.03	0.00	-0.82
180	-4.14	-0.15	-0.05	0.02	0.01	-0.07	-0.11	0.00	-1.04	-1.04	-0.29	-0.29	-0.02	0.00	-2.48
181	-0.43	-0.03	0.01	-0.02	-0.02	0.00	-0.02	0.00	2.02	2.00	-0.05	-0.05	0.03	0.00	-0.26
182	0.47	0.02	0.01	0.00	0.00	0.01	0.01	0.00	1.30	1.27	0.04	0.05	0.02	0.00	0.28
183	1.14	0.06	0.01	0.01	0.02	0.02	0.05	0.00	0.30	0.26	0.14	0.14	0.01	0.00	0.69
184	-3.71	-0.12	-0.05	0.03	0.02	-0.07	-0.09	0.00	-2.03	-2.03	-0.24	-0.24	-0.03	0.00	-2.23
185	1.19	0.06	-0.01	0.01	0.01	-0.01	0.04	0.00	-0.58	-0.64	0.18	0.19	0.00	0.00	0.72
186	-2.83	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-2.87	-2.86	-0.17	-0.17	-0.04	0.00	-1.70
187	-1.52	-0.03	-0.03	0.03	0.03	-0.04	-0.02	0.00	-3.43	-3.43	-0.08	-0.08	-0.05	0.00	-0.91
188	0.17	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.62	-3.61	0.01	0.01	-0.06	0.00	0.10
189	2.24	0.09	0.02	0.00	0.01	0.04	0.07	0.00	-3.31	-3.29	0.10	0.10	-0.06	0.00	1.35
190	7.88	0.24	0.11	-0.08	-0.06	0.16	0.17	0.00	-0.43	-0.40	0.36	0.36	-0.03	0.00	4.73
191	4.70	0.16	0.06	-0.03	-0.02	0.09	0.12	0.00	-2.37	-2.35	0.18	0.17	-0.05	0.00	2.82
192	-3.38	-0.15	-0.03	-0.02	-0.02	-0.05	-0.11	0.00	1.83	1.83	-0.27	-0.27	0.03	0.00	-2.03
193	-2.49	-0.12	-0.02	-0.02	-0.03	-0.03	-0.09	0.00	2.38	2.38	-0.21	-0.21	0.04	0.00	-1.50
194	-4.01	-0.17	-0.04	-0.01	-0.02	-0.06	-0.12	0.00	1.00	1.00	-0.30	-0.30	0.01	0.00	-2.41
195	-4.32	-0.17	-0.05	0.00	0.00	-0.07	-0.12	0.00	0.00	0.00	-0.30	-0.30	0.00	0.00	-2.59
196	-1.46	-0.08	0.00	-0.02	-0.03	-0.01	-0.06	0.00	2.56	2.55	-0.14	-0.13	0.04	0.00	-0.88
197	-0.37	-0.03	0.01	-0.02	-0.02	0.00	-0.02	0.00	2.29	2.27	-0.04	-0.04	0.04	0.00	-0.22
198	-4.24	-0.15	-0.05	0.02	0.01	-0.08	-0.11	0.00	-1.07	-1.07	-0.27	-0.27	-0.02	0.00	-2.55
199	0.74	0.03	0.01	-0.01	0.00	0.02	0.02	0.00	1.54	1.51	0.07	0.07	0.03	0.00	0.45
200	1.76	0.08	0.02	0.01											

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 81

PROJE : havuz

(HAVUZ40.ST4)

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
219	3.57	0.19	0.02	0.05	0.06	0.04	0.14	0.00	-1.54	-1.62	0.42	0.43	-0.01	0.00	2.15
220	-3.78	-0.13	-0.05	0.03	0.02	-0.07	-0.09	0.00	-2.12	-2.12	-0.20	-0.20	-0.03	0.00	-2.27
221	-2.85	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-2.99	-2.99	-0.13	-0.13	-0.05	0.00	-1.71
222	-1.52	-0.03	-0.03	0.03	0.03	-0.04	-0.02	0.00	-3.59	-3.58	-0.06	-0.06	-0.06	0.00	-0.91
223	0.21	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.79	-3.78	0.01	0.01	-0.06	0.00	0.12
224	2.29	0.09	0.02	0.00	0.01	0.04	0.07	0.00	-3.49	-3.48	0.07	0.07	-0.06	0.00	1.37
225	7.47	0.23	0.11	-0.07	-0.06	0.15	0.16	0.00	-0.67	-0.64	0.21	0.21	-0.03	0.00	4.49
226	4.44	0.15	0.06	-0.03	-0.02	0.08	0.11	0.00	-2.52	-2.51	0.10	0.10	-0.05	0.00	2.67
227	-2.77	-0.13	-0.02	-0.02	-0.03	-0.03	-0.10	0.00	2.62	2.62	-0.20	-0.20	0.04	0.00	-1.66
228	-3.70	-0.16	-0.03	-0.02	-0.03	-0.05	-0.12	0.00	1.98	1.98	-0.25	-0.25	0.03	0.00	-2.22
229	-1.55	-0.08	0.00	-0.02	-0.03	-0.01	-0.06	0.00	2.90	2.89	-0.12	-0.12	0.04	0.00	-0.93
230	-0.16	-0.02	0.01	-0.02	-0.02	0.01	-0.02	0.00	2.71	2.69	-0.02	-0.02	0.04	0.00	-0.10
231	-4.28	-0.18	-0.04	-0.01	-0.02	-0.07	-0.13	0.00	1.06	1.06	-0.27	-0.27	0.02	0.00	-2.57
232	-4.51	-0.17	-0.05	0.00	-0.01	-0.08	-0.13	0.00	0.00	0.00	-0.26	-0.26	0.00	0.00	-2.71
233	1.31	0.05	0.02	0.00	0.00	0.03	0.04	0.00	1.95	1.92	0.11	0.12	0.03	0.00	0.79
234	2.92	0.14	0.03	0.02	0.03	0.04	0.10	0.00	0.53	0.48	0.28	0.29	0.01	0.00	1.75
235	-4.35	-0.16	-0.05	0.02	0.01	-0.08	-0.12	0.00	-1.11	-1.11	-0.23	-0.23	-0.02	0.00	-2.61
236	4.61	0.24	0.03	0.05	0.07	0.06	0.18	0.00	-1.69	-1.76	0.51	0.52	-0.02	0.00	2.77
237	-3.79	-0.13	-0.05	0.02	0.02	-0.07	-0.09	0.00	-2.16	-2.16	-0.18	-0.18	-0.03	0.00	-2.28
238	-2.84	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-3.05	-3.04	-0.11	-0.11	-0.05	0.00	-1.70
239	-1.48	-0.03	-0.03	0.03	0.03	-0.04	-0.02	0.00	-3.65	-3.65	-0.05	-0.05	-0.06	0.00	-0.89
240	0.30	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.87	-3.87	0.01	0.01	-0.06	0.00	0.18
241	2.45	0.10	0.03	0.00	0.00	0.04	0.07	0.00	-3.59	-3.58	0.05	0.05	-0.06	0.00	1.47
242	6.91	0.21	0.10	-0.07	-0.05	0.14	0.15	0.00	-0.69	-0.67	0.15	0.15	-0.03	0.00	4.15
243	4.43	0.15	0.06	-0.03	-0.02	0.08	0.11	0.00	-2.58	-2.56	0.07	0.07	-0.05	0.00	2.66
244	-2.86	-0.13	-0.02	-0.02	-0.03	-0.04	-0.10	0.00	2.72	2.71	-0.20	-0.20	0.04	0.00	-1.72
245	-1.59	-0.08	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.03	3.02	-0.12	-0.12	0.05	0.00	-0.95
246	-3.78	-0.17	-0.03	-0.02	-0.03	-0.05	-0.13	0.00	2.03	2.03	-0.24	-0.24	0.03	0.00	-2.27
247	-0.03	-0.02	0.01	-0.02	-0.02	0.01	-0.01	0.00	2.87	2.85	0.00	0.00	0.05	0.00	-0.02
248	1.60	0.06	0.02	0.00	0.00	0.03	0.05	0.00	2.14	2.11	0.13	0.14	0.04	0.00	0.96
249	-4.35	-0.18	-0.04	-0.01	-0.02	-0.07	-0.13	0.00	1.09	1.09	-0.25	-0.25	0.02	0.00	-2.61
250	-4.55	-0.18	-0.05	0.00	-0.01	-0.08	-0.13	0.00	0.00	0.00	-0.24	-0.24	0.00	0.00	-2.73
251	3.39	0.16	0.03	0.02	0.03	0.05	0.12	0.00	0.70	0.65	0.31	0.32	0.02	0.00	2.04
252	5.49	0.27	0.04	0.06	0.07	0.07	0.21	0.00	-1.62	-1.70	0.55	0.56	-0.01	0.00	3.30
253	-4.36	-0.16	-0.05	0.02	0.01	-0.08	-0.12	0.00	-1.13	-1.13	-0.20	-0.20	-0.02	0.00	-2.62
254	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255	-3.79	-0.13	-0.05	0.02	0.02	-0.07	-0.09	0.00	-2.20	-2.20	-0.15	-0.15	-0.03	0.00	-2.27
256	-2.81	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-3.10	-3.09	-0.09	-0.10	-0.05	0.00	-1.69
257	-1.40	-0.03	-0.03	0.03	0.02	-0.03	-0.02	0.00	-3.72	-3.71	-0.04	-0.04	-0.06	0.00	-0.84
258	0.48	0.04	0.00	0.02	0.02	0.00	0.03	0.00	-3.96	-3.95	0.01	0.01	-0.07	0.00	0.29
259	2.88	0.11	0.03	0.00	0.00	0.05	0.08	0.00	-3.71	-3.70	0.04	0.03	-0.07	0.00	1.73
260	5.83	0.18	0.09	-0.06	-0.05	0.12	0.13	0.00	-0.63	-0.63	0.10	0.10	-0.03	0.00	3.50
261	5.09	0.17	0.07	-0.03	-0.02	0.10	0.13	0.00	-2.64	-2.62	0.05	0.04	-0.06	0.00	3.06
262	-2.91	-0.14	-0.02	-0.02	-0.03	-0.04	-0.10	0.00	2.80	2.79	-0.18	-0.18	0.04	0.00	-1.75
263	-1.63	-0.09	0.00	-0.03	-0.03	-0.01	-0.07	0.00	3.15	3.14	-0.11	-0.11	0.05	0.00	-0.98
264	0.06	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.03	3.01	0.01	0.01	0.05	0.00	0.04
265	-3.83	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.08	2.08	-0.22	-0.22	0.03	0.00	-2.30
266	1.91	0.08	0.03	0.00	0.00	0.04	0.06	0.00	2.31	2.28	0.15	0.16	0.04	0.00	1.15
267	3.78	0.17	0.04	0.02	0.03	0.06	0.13	0.00	0.90	0.85	0.32	0.33	0.02	0.00	2.27
268	-4.38	-0.18	-0.04	-0.01	-0.02	-0.07	-0.14	0.00	1.11	1.11	-0.23	-0.23	0.02	0.00	-2.63
269	-4.57	-0.18	-0.05	0.00	-0.01	-0.08	-0.13	0.00	0.00	0.00	-0.21	-0.21	0.00	0.00	-2.74
270	6.18	0.30	0.05	0.06	0.08	0.08	0.23	0.00	-1.43	-1.51	0.56	0.57	-0.01	0.00	3.71
271	-4.37	-0.16	-0.05	0.01	0.01	-0.08	-0.12	0.00	-1.15	-1.15	-0.17	-0.17	-0.02	0.00	-2.62
272	-3.78	-0.13	-0.05	0.02	0.02	-0.07	-0.10	0.00	-2.23	-2.23	-0.13	-0.13	-0.03	0.00	-2.27
273	-2.77	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-3.14	-3.14	-0.08	-0.08	-0.05	0.00	-1.66
274	-1.29	-0.03	-0.03	0.03	0.02	-0.03	-0.02	0.00	-3.78	-3.77	-0.03	-0.03	-0.06	0.00	-0.78
275	0.74	0.04	0.00	0.02	0.02	0.01	0.03	0.00	-4.05	-4.04	0.01	0.00	-0.07	0.00	0.44
276	3.65	0.14	0.04	-0.01	0.00	0.07	0.10	0.00	-3.89	-3.88	0.02	0.02	-0.07	0.00	2.19
277	3.80	0.12	0.06	-0.04	-0.03	0.08	0.09	0.00	-0.50	-0.50	0.04	0.04	-0.02	0.00	2.28
278	7.84	0.26	0.11	-0.06	-0.04	0.16	0.19	0.00	-2.63	-2.63	0.00	0.00	-0.06	0.00	4.71
279	-2.93	-0.14	-0.02	-0.02	-0.03	-0.04	-0.10	0.00	2.87	2.86	-0.17	-0.17	0.04	0.00	-1.76
280	-1.62	-0.09	0.00	-0.03	-0.03	-0.01	-0.07	0.00	3.25	3.25	-0.10	-0.10	0.05	0.00	-0.97
281	0.07	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.17	3.16	0.01	0.01	0.05	0.00	0.04
282	2.25	0.09	0.03	0.00	0.01	0.04	0.07	0.00	2.47	2.44	0.17	0.17	0.04	0.00	1.35
283	-3.85	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.12	2.12	-0.20	-0.20	0.03	0.00	-2.31
284	4.15	0.19	0.04	0.02	0.03	0.07	0.14	0.00	1.11	1.06	0.34	0.34	0.03	0.00	2.49
285	6.61	0.32	0.05	0.06	0.08	0.09	0.24	0.00	-1.19	-1.27	0.57	0.58	0.00	0.00	3.97
286	-4.40	-0.18	-0.04	-0.01	-0.02	-0.07	-0.14	0.00	1.13	1.13	-0.20	-0.20	0.02	0.00	-2.64
287	-4.57	-0.18	-0.05	0.00	-0.01	-0.08	-0.13	0.00	0.00	0.00	-0.18	-0.18	0.00	0.00	-2.75
288	-4.37	-0.16	-0.05	0.01	0.01	-0.08	-0.12	0.00	-1.17	-1.17	-0.15	-0.15	-0.02	0.00	-2.62
289	-3.76	-0.13	-0.05	0.02	0.02	-0.07	-0.10	0.00	-2.26	-2.26	-0.10	-0.10	-0.03	0.00	-2.26
290	-2.73	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-3.18	-3.18	-0.06	-0.06	-0.05	0.00	-1.64
291	-1.20	-0.02	-0.02	0.03	0.02	-0.03	-0.02	0.00	-3.82	-3.82	-0.02	-0.02	-0.06	0.00	-0.72
292	0.93	0.05	0.00	0.01	0.02	0.01	0.04	0.00	-4.12	-4.12	0.00	0.00	-0.07	0.00	0.56
293	4.67	0.17	0.06	-0.01	-0.01	0.09	0.13	0.00	-4.31	-4.31	0.00	0.00	-0.08	0.00	2.80
294	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.13	0.00	0.00	0.00	0.00	-0.01
295	5.09	0.18	0.07	-0.03	-0.02	0.10	0.14	0.00	-2.62	-2.64	-0.05	-0.04	-0.06	0.00	3.06
296	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
297	-2.94	-0.14	-0.02	-0.02	-0.03	-0.04	-0.11	0.00	2.93	2.93	-0.15	-0.15	0.05	0.00	-1.76
298	-1.61	-0.09	0.00	-0.02	-0.03	-0.01	-0.07	0.00	3.35	3.34	-0.09	-0.09	0.05	0.00	-0.97
299	0.14	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.30	3.28	0.01	0.02	0.0		

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
302	-3.86	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.16	2.16	-0.18	-0.18	0.03	0.00	-2.32
303	6.72	0.32	0.05	0.06	0.07	0.09	0.24	0.00	-0.90	-0.98	0.55	0.56	0.00	0.00	4.04
304	-4.41	-0.18	-0.04	-0.01	-0.02	-0.07	-0.14	0.00	1.15	1.15	-0.17	-0.17	0.02	0.00	-2.65
305	-4.58	-0.18	-0.05	0.00	-0.01	-0.08	-0.13	0.00	0.00	0.00	-0.15	-0.15	0.00	0.00	-2.75
306	-4.37	-0.16	-0.05	0.01	0.01	-0.08	-0.12	0.00	-1.18	-1.18	-0.12	-0.12	-0.02	0.00	-2.63
307	-3.76	-0.13	-0.05	0.02	0.02	-0.07	-0.10	0.00	-2.28	-2.28	-0.08	-0.08	-0.04	0.00	-2.26
308	-2.72	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-3.20	-3.20	-0.04	-0.04	-0.05	0.00	-1.63
309	-1.20	-0.02	-0.02	0.03	0.02	-0.03	-0.02	0.00	-3.85	-3.85	-0.01	-0.01	-0.06	0.00	-0.72
310	0.89	0.05	0.00	0.02	0.02	0.01	0.04	0.00	-4.16	-4.16	0.00	0.00	-0.07	0.00	0.53
311	3.65	0.14	0.04	-0.01	0.00	0.07	0.11	0.00	-3.88	-3.89	-0.02	-0.02	-0.07	0.00	2.19
312	3.80	0.12	0.06	-0.03	-0.03	0.08	0.09	0.00	-0.50	-0.50	-0.04	-0.04	-0.02	0.00	2.28
313	4.43	0.16	0.06	-0.02	-0.01	0.09	0.12	0.00	-2.57	-2.58	-0.07	-0.07	-0.05	0.00	2.66
314	-2.94	-0.14	-0.02	-0.02	-0.03	-0.04	-0.11	0.00	2.99	2.99	-0.13	-0.13	0.05	0.00	-1.77
315	-1.62	-0.09	0.00	-0.02	-0.03	-0.01	-0.07	0.00	3.43	3.43	-0.08	-0.08	0.05	0.00	-0.97
316	0.15	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.41	3.40	0.02	0.02	0.06	0.00	0.09
317	2.45	0.10	0.03	0.00	0.01	0.05	0.08	0.00	2.81	2.78	0.17	0.17	0.05	0.00	1.47
318	6.71	0.31	0.07	0.04	0.06	0.10	0.23	0.00	1.47	1.42	0.48	0.49	0.04	0.00	4.03
319	4.27	0.20	0.03	0.03	0.04	0.06	0.15	0.00	-0.36	-0.39	0.33	0.33	0.00	0.00	2.57
320	-3.86	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.20	2.20	-0.15	-0.15	0.03	0.00	-2.32
321	-4.41	-0.18	-0.04	-0.01	-0.02	-0.07	-0.14	0.00	1.16	1.16	-0.15	-0.15	0.02	0.00	-2.65
322	-4.59	-0.18	-0.05	0.00	-0.01	-0.08	-0.14	0.00	0.00	0.00	-0.12	-0.12	0.00	0.00	-2.76
323	-4.39	-0.16	-0.05	0.01	0.01	-0.08	-0.12	0.00	-1.19	-1.19	-0.09	-0.09	-0.02	0.00	-2.63
324	-3.78	-0.13	-0.05	0.02	0.02	-0.08	-0.10	0.00	-2.29	-2.29	-0.05	-0.05	-0.04	0.00	-2.27
325	-2.75	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-3.21	-3.21	-0.02	-0.02	-0.05	0.00	-1.65
326	-1.29	-0.03	-0.03	0.03	0.02	-0.03	-0.02	0.00	-3.84	-3.84	0.00	0.00	-0.06	0.00	-0.77
327	0.93	0.05	0.00	0.01	0.02	0.01	0.04	0.00	-4.12	-4.12	0.00	0.00	-0.07	0.00	0.56
328	2.88	0.12	0.03	0.00	0.01	0.05	0.09	0.00	-3.70	-3.71	-0.04	-0.03	-0.07	0.00	1.73
329	5.83	0.19	0.09	-0.05	-0.04	0.12	0.14	0.00	-0.63	-0.64	-0.10	-0.10	-0.03	0.00	3.50
330	4.44	0.16	0.06	-0.02	-0.01	0.09	0.12	0.00	-2.51	-2.52	-0.10	-0.10	-0.05	0.00	2.67
331	-1.63	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.51	3.51	-0.07	-0.07	0.06	0.00	-0.98
332	-2.93	-0.14	-0.02	-0.02	-0.03	-0.04	-0.11	0.00	3.05	3.04	-0.11	-0.11	0.05	0.00	-1.76
333	0.11	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.52	3.51	0.01	0.02	0.06	0.00	0.06
334	2.35	0.09	0.03	0.00	0.01	0.05	0.07	0.00	2.95	2.93	0.15	0.15	0.05	0.00	1.41
335	4.07	0.19	0.05	0.03	0.04	0.07	0.15	0.00	1.33	1.30	0.27	0.28	0.03	0.00	3.25
336	4.59	0.21	0.03	0.03	0.04	0.06	0.16	0.00	0.10	0.06	0.33	0.33	0.01	0.00	2.76
337	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00
338	-3.85	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.23	2.23	-0.13	-0.13	0.03	0.00	-2.31
339	-4.41	-0.18	-0.04	-0.01	-0.02	-0.07	-0.14	0.00	1.18	1.18	-0.12	-0.12	0.02	0.00	-2.65
340	-4.61	-0.18	-0.05	0.00	-0.01	-0.08	-0.14	0.00	0.00	0.00	-0.09	-0.09	0.00	0.00	-2.77
341	-4.41	-0.16	-0.05	0.01	0.00	-0.08	-0.12	0.00	-1.19	-1.19	-0.06	-0.06	-0.02	0.00	-2.65
342	-3.81	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-2.30	-2.30	-0.03	-0.03	-0.04	0.00	-2.29
343	-2.79	-0.09	-0.04	0.03	0.02	-0.06	-0.07	0.00	-3.21	-3.21	0.00	0.00	-0.05	0.00	-1.67
344	-1.20	-0.02	-0.02	0.03	0.02	-0.03	-0.02	0.00	-3.85	-3.85	0.01	0.01	-0.06	0.00	-0.72
345	0.74	0.05	0.00	0.02	0.02	0.01	0.03	0.00	-4.04	-4.05	-0.01	0.00	-0.07	0.00	0.44
346	2.45	0.10	0.03	0.00	0.01	0.04	0.08	0.00	-3.58	-3.59	-0.05	-0.05	-0.06	0.00	1.47
347	6.91	0.23	0.10	-0.05	-0.04	0.15	0.17	0.00	-0.67	-0.70	-0.15	-0.15	-0.03	0.00	4.15
348	4.58	0.17	0.06	-0.02	-0.01	0.09	0.13	0.00	-2.44	-2.46	-0.14	-0.13	-0.05	0.00	2.75
349	-1.62	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.59	3.58	-0.06	-0.06	0.06	0.00	-0.97
350	0.08	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.62	3.61	0.01	0.01	0.06	0.00	0.05
351	-2.90	-0.14	-0.02	-0.02	-0.03	-0.04	-0.10	0.00	3.10	3.09	-0.10	-0.10	0.05	0.00	-1.74
352	2.25	0.09	0.03	0.00	0.00	0.04	0.07	0.00	3.09	3.07	0.13	0.13	0.05	0.00	1.35
353	4.79	0.21	0.05	0.03	0.04	0.08	0.17	0.00	1.87	1.84	0.30	0.30	0.04	0.00	2.88
354	6.58	0.30	0.04	0.04	0.05	0.08	0.23	0.00	-0.04	-0.08	0.44	0.44	0.01	0.00	3.95
355	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	-0.01
356	-3.83	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.26	2.26	-0.10	-0.10	0.03	0.00	-2.30
357	-4.42	-0.18	-0.05	-0.01	-0.02	-0.07	-0.14	0.00	1.19	1.19	-0.09	-0.09	0.02	0.00	-2.66
358	-4.64	-0.18	-0.05	0.00	-0.01	-0.08	-0.14	0.00	0.00	0.00	-0.06	-0.06	0.00	0.00	-2.78
359	-4.44	-0.16	-0.06	0.01	0.00	-0.08	-0.13	0.00	-1.19	-1.19	-0.03	-0.03	-0.02	0.00	-2.67
360	-3.83	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-2.30	-2.30	0.00	0.00	-0.04	0.00	-2.30
361	-2.75	-0.08	-0.04	0.03	0.02	-0.06	-0.06	0.00	-3.21	-3.21	0.02	0.02	-0.05	0.00	-1.65
362	-1.20	-0.02	-0.02	0.03	0.02	-0.03	-0.02	0.00	-3.82	-3.82	0.02	0.02	-0.06	0.00	-0.72
363	0.48	0.04	0.00	0.02	0.02	0.00	0.03	0.00	-3.95	-3.96	-0.01	-0.01	-0.07	0.00	0.29
364	2.29	0.10	0.02	0.01	0.01	0.04	0.08	0.00	-3.48	-3.49	-0.07	-0.07	-0.06	0.00	1.37
365	7.47	0.25	0.11	-0.06	-0.04	0.16	0.19	0.00	-0.64	-0.67	-0.21	-0.21	-0.03	0.00	4.49
366	4.70	0.17	0.06	-0.02											

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 83

PROJE : havuz

(HAVUZ40.ST4)

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
385	2.19	0.08	0.03	0.00	0.00	0.04	0.07	0.00	3.31	3.29	0.10	0.10	0.06	0.00	1.32
386	-1.50	-0.08	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.72	3.71	-0.04	-0.04	0.06	0.00	-0.90
387	4.80	0.21	0.05	0.02	0.03	0.08	0.16	0.00	2.15	2.12	0.24	0.24	0.05	0.00	2.88
388	-2.82	-0.13	-0.02	-0.02	-0.03	-0.04	-0.10	0.00	3.18	3.18	-0.06	-0.06	0.05	0.00	-1.69
389	7.88	0.37	0.06	0.06	0.08	0.11	0.29	0.00	0.17	0.13	0.44	0.45	0.02	0.00	4.73
390	-3.85	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.29	2.29	-0.05	-0.05	0.04	0.00	-2.31
391	-4.48	-0.19	-0.05	-0.01	-0.02	-0.08	-0.14	0.00	1.20	1.20	-0.03	-0.03	0.02	0.00	-2.69
392	-4.67	-0.18	-0.05	0.00	-0.01	-0.08	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.81
393	-4.44	-0.16	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.19	-1.19	0.03	0.03	-0.02	0.00	-2.67
394	-3.78	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-2.29	-2.29	0.05	0.05	-0.04	0.00	-2.27
395	-2.73	-0.08	-0.04	0.03	0.02	-0.06	-0.07	0.00	-3.17	-3.18	0.06	0.06	-0.05	0.00	-1.64
396	-1.40	-0.03	-0.03	0.03	0.02	-0.04	-0.02	0.00	-3.71	-3.72	0.04	0.04	-0.06	0.00	-0.84
397	0.21	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.78	-3.79	-0.01	-0.01	-0.06	0.00	0.12
398	2.24	0.10	0.02	0.01	0.01	0.04	0.08	0.00	-3.29	-3.31	-0.10	-0.10	-0.06	0.00	1.35
399	7.89	0.26	0.12	-0.06	-0.04	0.17	0.20	0.00	-0.41	-0.44	-0.36	-0.36	-0.03	0.00	4.74
400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
401	4.78	0.18	0.06	-0.01	-0.01	0.10	0.14	0.00	-2.13	-2.15	-0.24	-0.24	-0.05	0.00	2.87
402	2.19	0.08	0.03	0.00	0.00	0.04	0.07	0.00	3.40	3.39	0.08	0.08	0.06	0.00	1.32
403	0.22	-0.01	0.01	-0.02	-0.02	0.01	0.00	0.00	3.87	3.87	0.01	0.01	0.06	0.00	0.13
404	4.79	0.21	0.05	0.02	0.03	0.08	0.16	0.00	2.27	2.24	0.21	0.21	0.05	0.00	2.87
405	-1.39	-0.08	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.78	3.77	-0.03	-0.03	0.06	0.00	-0.84
406	8.02	0.38	0.07	0.06	0.08	0.12	0.29	0.00	0.31	0.27	0.41	0.41	0.02	0.00	4.82
407	-2.81	-0.13	-0.02	-0.02	-0.03	-0.04	-0.10	0.00	3.20	3.20	-0.04	-0.04	0.05	0.00	-1.69
408	-3.88	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.30	2.30	-0.03	-0.03	0.04	0.00	-2.33
409	-4.49	-0.19	-0.05	-0.01	-0.02	-0.08	-0.15	0.00	1.20	1.20	0.00	0.00	0.02	0.00	-2.70
410	-4.66	-0.18	-0.05	0.00	-0.01	-0.08	-0.14	0.00	0.00	0.00	0.03	0.03	0.00	0.00	-2.80
411	-4.41	-0.16	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.19	-1.19	0.06	0.06	-0.02	0.00	-2.65
412	-3.76	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-2.28	-2.28	0.08	0.08	-0.04	0.00	-2.26
413	-2.77	-0.09	-0.04	0.03	0.02	-0.06	-0.07	0.00	-3.14	-3.14	0.08	0.08	-0.05	0.00	-1.66
414	-1.48	-0.03	-0.03	0.03	0.03	-0.04	-0.03	0.00	-3.65	-3.65	0.05	0.05	-0.06	0.00	-0.89
415	0.17	0.03	-0.01	0.02	0.02	-0.01	0.02	0.00	-3.70	-3.71	-0.01	-0.01	-0.06	0.00	0.10
416	2.26	0.10	0.02	0.01	0.01	0.04	0.08	0.00	-3.19	-3.21	-0.12	-0.11	-0.06	0.00	1.36
417	7.90	0.27	0.12	-0.05	-0.04	0.17	0.21	0.00	-0.27	-0.31	-0.41	-0.41	-0.02	0.00	4.74
418	4.75	0.18	0.06	-0.01	-0.01	0.10	0.14	0.00	-1.99	-2.02	-0.27	-0.27	-0.04	0.00	2.85
419	4.72	0.21	0.05	0.02	0.03	0.08	0.16	0.00	2.37	2.35	0.17	0.18	0.05	0.00	2.83
420	2.24	0.09	0.03	0.00	0.00	0.04	0.07	0.00	3.49	3.48	0.07	0.07	0.06	0.00	1.34
421	0.40	0.00	0.01	-0.02	-0.02	0.02	0.00	0.00	3.96	3.95	0.01	0.01	0.07	0.00	0.24
422	8.01	0.38	0.07	0.07	0.08	0.12	0.29	0.00	0.44	0.41	0.36	0.36	0.03	0.00	4.81
423	-1.30	-0.07	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.82	3.82	-0.02	-0.02	0.06	0.00	-0.78
424	-2.84	-0.13	-0.02	-0.02	-0.03	-0.04	-0.10	0.00	3.21	3.21	-0.02	-0.02	0.05	0.00	-1.70
425	-3.90	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.30	2.30	0.00	0.00	0.04	0.00	-2.34
426	-4.48	-0.19	-0.05	-0.01	-0.02	-0.08	-0.15	0.00	1.20	1.20	0.03	0.03	0.02	0.00	-2.69
427	-4.64	-0.18	-0.05	0.00	-0.01	-0.08	-0.14	0.00	0.00	0.00	0.06	0.06	0.00	0.00	-2.78
428	-4.39	-0.16	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.19	-1.19	0.09	0.09	-0.02	0.00	-2.63
429	-3.77	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-2.26	-2.26	0.10	0.10	-0.03	0.00	-2.26
430	-2.81	-0.09	-0.04	0.03	0.02	-0.06	-0.07	0.00	-3.09	-3.09	0.10	0.10	-0.05	0.00	-1.69
431	-1.52	-0.03	-0.03	0.03	0.03	-0.04	-0.03	0.00	-3.58	-3.58	0.06	0.06	-0.06	0.00	-0.91
432	0.17	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.61	-3.62	-0.01	-0.01	-0.06	0.00	0.10
433	2.30	0.10	0.03	0.01	0.01	0.04	0.08	0.00	-3.07	-3.09	-0.13	-0.13	-0.05	0.00	1.38
434	7.76	0.26	0.11	-0.05	-0.04	0.17	0.21	0.00	-0.13	-0.17	-0.45	-0.45	-0.02	0.00	4.66
435	4.77	0.18	0.07	-0.01	0.00	0.10	0.15	0.00	-1.84	-1.87	-0.30	-0.30	-0.04	0.00	2.86
436	7.88	0.37	0.07	0.06	0.08	0.12	0.29	0.00	0.58	0.55	0.27	0.27	0.03	0.00	4.73
437	4.60	0.20	0.05	0.02	0.03	0.08	0.16	0.00	2.45	2.44	0.13	0.14	0.05	0.00	2.76
438	2.41	0.10	0.03	0.00	0.00	0.05	0.07	0.00	3.59	3.58	0.05	0.05	0.06	0.00	1.44
439	0.66	0.01	0.02	-0.01	-0.01	0.02	0.01	0.00	4.05	4.04	0.00	0.01	0.07	0.00	0.40
440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
441	-1.30	-0.07	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.85	3.85	-0.01	-0.01	0.06	0.00	-0.78
442	-2.88	-0.14	-0.02	-0.03	-0.03	-0.04	-0.11	0.00	3.21	3.21	0.00	0.00	0.05	0.00	-1.73
443	-3.88	-0.17	-0.03	-0.02	-0.03	-0.06	-0.14	0.00	2.30	2.30	0.03	0.03	0.04	0.00	-2.33
444	-4.45	-0.19	-0.05	-0.01	-0.02	-0.08	-0.15	0.00	1.19	1.19	0.06	0.06	0.02	0.00	-2.67
445	-4.61	-0.18	-0.05	0.00	-0.01	-0.09	-0.14	0.00	0.00	0.00	0.09	0.09	0.00	0.00	-2.77
446	-4.37	-0.16	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.18	-1.18	0.12	0.12	-0.02	0.00	-2.63
447	-3.78	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-2.23	-2.23	0.13	0.13	-0.03	0.00	-2.27
448	-2.84	-0.09	-0.04	0.03	0.02	-0.06	-0.07	0.00	-3.04	-3.04	0.11	0.11	-0.05	0.00	-1.70
449	-1.53	-0.03	-0.03	0.03	0.03	-0.04	-0.03	0.00	-3.51	-3.51	0.07	0.07	-0.06	0.00	-0.92
450	0.19	0.03	-0.01	0.02	0.02	0.00	0.03	0.00	-3.51	-3.52	-0.02	-0.01	-0.06	0.00	0.12
451	2.39	0.11	0.03	0.01	0.02	0.05	0.09	0.00	-2.93	-2.95	-0.15	-0.15	-0.05	0.00	1.44
452	7.35	0.25	0.10	-0.05	-0.04	0.16	0.19	0.00	0.00	-0.04	-0.47	-0.46	-0.02	0.00	4.42
453	5.38	0.21	0.09	-0.01	0.00	0.13	0.17	0.00	-1.60	-1.64	-0.38	-0.37	-0.04	0.00	3.23
454	7.59	0.36	0.07	0.06	0.08	0.11	0.28	0.00	0.67	0.64	0.21	0.21	0.03	0.00	4.56
455	4.45	0.20	0.05	0.02	0.03	0.07	0.15	0.00	2.52	2.51	0.10	0.10	0.05	0.00	2.67
456	2.84	0.12	0.04	0.00	0.01	0.05	0.09	0.00	3.71	3.70	0.03	0.04	0.07	0.00	1.71
457	0.86	0.02	0.02	-0.01	-0.01	0.02	0.02	0.00	4.12	4.12	0.00	0.00	0.07	0.00	0.51
458	-1.39	-0.08	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.84	3.84	0.00	0.00	0.06	0.00	-0.83
459	-2.84	-0.13	-0.02	-0.03	-0.03	-0.04	-0.11	0.00	3.21	3.21	0.02	0.02	0.05	0.00	-1.70
460	-3.85	-0.17	-0.03	-0.02	-0.03	-0.06	-0.13	0.00	2.29	2.29	0.05	0.05	0.04	0.00	-2.31
461	-4.42	-0.19	-0.05	-0.01	-0.02	-0.08	-0.15	0.00	1.19	1.19	0.09	0.09	0.02	0.00	-2.66
462	-4.59	-0.18	-0.05	0.00	-0.01	-0.09	-0.15	0.00	0.00	0.00	0.12	0.12	0.00	0.00	-2.76
463	-4.37	-0.16	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.16	-1.16	0.15	0.15	-0.02	0.00	-2.62
464	-3.79	-0.13	-0.05	0.02	0.01	-0.08	-0.11	0.00	-2.20	-2.20	0.15	0.15	-0.03	0.00	-2.28
465	-2.85	-0.09	-0.04	0.03	0.02	-0.07	-0.07	0.00	-2.99	-2.99	0.13	0.13	-0.0		

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
468	2.49	0.11	0.03	0.01	0.02	0.05	0.09	0.00	-2.78	-2.81	-0.17	-0.17	-0.05	0.00	1.49
469	6.47	0.21	0.08	-0.05	-0.04	0.13	0.16	0.00	0.08	0.03	-0.44	-0.44	-0.01	0.00	3.89
470	6.65	0.25	0.10	-0.02	-0.01	0.15	0.20	0.00	-1.42	-1.48	-0.49	-0.48	-0.04	0.00	3.99
471	2.18	0.07	0.03	-0.01	-0.01	0.05	0.06	0.00	-0.05	-0.07	-0.16	-0.16	-0.01	0.00	2.71
472	7.02	0.33	0.06	0.06	0.07	0.11	0.26	0.00	0.69	0.67	0.15	0.15	0.03	0.00	4.22
473	4.45	0.20	0.05	0.02	0.03	0.08	0.16	0.00	2.58	2.57	0.07	0.07	0.05	0.00	2.67
474	3.62	0.15	0.04	0.01	0.02	0.07	0.12	0.00	3.89	3.88	0.02	0.02	0.07	0.00	2.18
475	0.81	0.02	0.02	-0.01	-0.01	0.02	0.02	0.00	4.16	4.16	0.00	0.00	0.07	0.00	0.49
476	-1.30	-0.07	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.85	3.85	0.01	0.01	0.06	0.00	-0.78
477	-2.81	-0.13	-0.02	-0.03	-0.03	-0.04	-0.11	0.00	3.20	3.20	0.04	0.04	0.05	0.00	-1.69
478	-3.83	-0.17	-0.03	-0.02	-0.03	-0.06	-0.14	0.00	2.28	2.28	0.08	0.08	0.04	0.00	-2.30
479	-4.41	-0.19	-0.05	-0.01	-0.02	-0.08	-0.15	0.00	1.18	1.18	0.12	0.12	0.02	0.00	-2.65
480	-4.58	-0.18	-0.05	0.00	-0.01	-0.09	-0.15	0.00	0.00	0.00	0.15	0.15	0.00	0.00	-2.75
481	-4.37	-0.17	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.15	-1.15	0.17	0.17	-0.02	0.00	-2.62
482	-3.79	-0.13	-0.05	0.02	0.01	-0.08	-0.11	0.00	-2.16	-2.16	0.18	0.18	-0.03	0.00	-2.28
483	-2.85	-0.09	-0.04	0.03	0.02	-0.07	-0.07	0.00	-2.93	-2.93	0.15	0.15	-0.05	0.00	-1.71
484	-1.52	-0.03	-0.03	0.03	0.03	-0.04	-0.03	0.00	-3.34	-3.35	0.09	0.09	-0.05	0.00	-0.91
485	0.22	0.03	-0.01	0.02	0.02	0.00	0.03	0.00	-3.28	-3.30	-0.02	-0.02	-0.05	0.00	0.13
486	2.52	0.11	0.03	0.01	0.02	0.05	0.09	0.00	-2.64	-2.67	-0.18	-0.18	-0.05	0.00	1.51
487	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.08	0.00	0.00	0.00	0.00	-0.01
488	4.67	0.18	0.07	-0.01	0.00	0.11	0.15	0.00	-1.24	-1.29	-0.37	-0.36	-0.03	0.00	2.80
489	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
490	4.19	0.14	0.06	-0.03	-0.02	0.09	0.12	0.00	0.39	0.36	-0.34	-0.33	0.00	0.00	2.52
491	5.92	0.28	0.05	0.05	0.06	0.09	0.22	0.00	0.63	0.63	0.10	0.10	0.03	0.00	3.56
492	5.12	0.23	0.05	0.03	0.04	0.09	0.18	0.00	2.64	2.62	0.04	0.04	0.06	0.00	3.08
493	4.65	0.20	0.05	0.02	0.03	0.08	0.16	0.00	4.31	4.31	0.00	0.00	0.08	0.00	2.79
494	0.86	0.02	0.02	-0.01	-0.01	0.02	0.02	0.00	4.12	4.12	0.00	0.00	0.07	0.00	0.51
495	-1.30	-0.07	0.00	-0.02	-0.03	-0.01	-0.06	0.00	3.82	3.83	0.02	0.02	0.06	0.00	-0.78
496	-2.82	-0.13	-0.02	-0.03	-0.03	-0.04	-0.11	0.00	3.18	3.18	0.06	0.06	0.05	0.00	-1.69
497	-3.83	-0.17	-0.03	-0.02	-0.03	-0.06	-0.14	0.00	2.26	2.26	0.10	0.10	0.03	0.00	-2.30
498	-4.41	-0.19	-0.05	-0.01	-0.02	-0.08	-0.15	0.00	1.17	1.17	0.15	0.15	0.02	0.00	-2.65
499	-4.58	-0.18	-0.05	0.00	-0.01	-0.09	-0.15	0.00	0.00	0.00	0.18	0.18	0.00	0.00	-2.75
500	-4.36	-0.17	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.13	-1.13	0.20	0.20	-0.02	0.00	-2.62
501	-3.78	-0.13	-0.05	0.02	0.01	-0.08	-0.11	0.00	-2.12	-2.12	0.20	0.20	-0.03	0.00	-2.27
502	-2.84	-0.09	-0.04	0.03	0.02	-0.07	-0.07	0.00	-2.86	-2.87	0.17	0.17	-0.04	0.00	-1.70
503	-1.53	-0.03	-0.03	0.03	0.03	-0.04	-0.03	0.00	-3.25	-3.25	0.10	0.10	-0.05	0.00	-0.92
504	0.15	0.03	-0.01	0.03	0.03	0.00	0.03	0.00	-3.16	-3.17	-0.01	-0.01	-0.05	0.00	0.09
505	2.28	0.10	0.03	0.01	0.02	0.05	0.09	0.00	-2.44	-2.47	-0.17	-0.17	-0.04	0.00	1.37
506	4.12	0.16	0.06	-0.01	0.00	0.09	0.13	0.00	-1.07	-1.12	-0.34	-0.34	-0.03	0.00	2.48
507	6.59	0.23	0.10	-0.04	-0.03	0.15	0.19	0.00	0.97	0.90	-0.56	-0.55	0.00	0.00	3.95
508	3.87	0.18	0.03	0.03	0.04	0.06	0.15	0.00	0.50	0.50	0.04	0.04	0.02	0.00	2.32
509	7.93	0.37	0.07	0.06	0.08	0.13	0.30	0.00	2.63	2.63	0.00	0.00	0.06	0.00	4.76
510	3.62	0.15	0.04	0.01	0.02	0.07	0.12	0.00	3.88	3.89	-0.02	-0.02	0.07	0.00	2.18
511	0.66	0.01	0.02	-0.01	-0.01	0.02	0.01	0.00	4.04	4.05	0.00	-0.01	0.07	0.00	0.40
512	-1.39	-0.08	0.00	-0.03	-0.03	-0.01	-0.06	0.00	3.77	3.78	0.03	0.03	0.06	0.00	-0.84
513	-2.86	-0.14	-0.02	-0.03	-0.03	-0.04	-0.11	0.00	3.14	3.14	0.08	0.08	0.05	0.00	-1.72
514	-3.85	-0.17	-0.03	-0.02	-0.03	-0.06	-0.14	0.00	2.23	2.23	0.13	0.13	0.03	0.00	-2.31
515	-4.41	-0.19	-0.05	-0.02	-0.02	-0.08	-0.15	0.00	1.15	1.15	0.17	0.17	0.02	0.00	-2.65
516	-4.57	-0.19	-0.05	0.00	-0.01	-0.09	-0.15	0.00	0.00	0.00	0.21	0.21	0.00	0.00	-2.74
517	-4.35	-0.17	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.11	-1.11	0.23	0.23	-0.02	0.00	-2.61
518	-3.76	-0.13	-0.05	0.02	0.01	-0.08	-0.11	0.00	-2.08	-2.08	0.22	0.22	-0.03	0.00	-2.26
519	-2.82	-0.09	-0.04	0.03	0.02	-0.07	-0.07	0.00	-2.79	-2.80	0.18	0.18	-0.04	0.00	-1.69
520	-1.54	-0.04	-0.03	0.03	0.03	-0.04	-0.03	0.00	-3.14	-3.15	0.11	0.11	-0.05	0.00	-0.92
521	0.14	0.03	-0.01	0.02	0.02	0.00	0.02	0.00	-3.01	-3.03	-0.01	-0.01	-0.05	0.00	0.08
522	1.95	0.09	0.02	0.01	0.02	0.04	0.08	0.00	-2.28	-2.31	-0.16	-0.15	-0.04	0.00	1.17
523	3.75	0.15	0.05	-0.01	0.00	0.08	0.12	0.00	-0.85	-0.90	-0.33	-0.33	-0.02	0.00	2.25
524	6.47	0.23	0.10	-0.04	-0.03	0.16	0.19	0.00	1.27	1.19	-0.58	-0.57	0.00	0.00	3.88
525	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.00	0.00	0.00	0.00	-0.01
526	5.12	0.23	0.05	0.03	0.04	0.09	0.19	0.00	2.62	2.64	-0.04	-0.05	0.06	0.00	3.08
527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
528	2.84	0.12	0.04	0.00	0.01	0.06	0.09	0.00	3.70	3.71	-0.03	-0.04	0.07	0.00	1.71
529	0.40	0.00	0.02	-0.02	-0.02	0.02	0.00	0.00	3.95	3.96	-0.01	-0.01	0.07	0.00	0.24
530	-1.50	-0.08	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.71	3.72	0.04	0.04	0.06	0.00	-0.90
531	-2.90	-0.14	-0.02	-0.03	-0.03	-0.04	-0.11	0.00	3.09	3.10	0.10	0.10	0.05	0.00	-1.74
532															

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
551	-4.51	-0.18	-0.05	-0.01	-0.01	-0.09	-0.15	0.00	0.00	0.00	0.26	0.26	0.00	0.00	-2.71
552	-4.25	-0.16	-0.06	0.01	0.00	-0.09	-0.13	0.00	-1.06	-1.06	0.27	0.27	-0.02	0.00	-2.55
553	-3.63	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-1.97	-1.98	0.25	0.25	-0.03	0.00	-2.18
554	-2.68	-0.09	-0.04	0.02	0.02	-0.06	-0.07	0.00	-2.62	-2.62	0.20	0.20	-0.04	0.00	-1.61
555	-1.46	-0.03	-0.03	0.03	0.03	-0.04	-0.03	0.00	-2.89	-2.90	0.12	0.12	-0.04	0.00	-0.88
556	-0.09	0.02	-0.01	0.02	0.02	-0.01	0.02	0.00	-2.69	-2.71	0.02	0.02	-0.04	0.00	-0.05
557	1.35	0.07	0.01	0.02	0.02	0.03	0.06	0.00	-1.92	-1.95	-0.12	-0.12	-0.03	0.00	0.81
558	2.89	0.12	0.04	0.00	0.00	0.07	0.09	0.00	-0.48	-0.54	-0.29	-0.28	-0.01	0.00	1.74
559	5.36	0.19	0.09	-0.03	-0.03	0.13	0.15	0.00	1.70	1.62	-0.56	-0.55	0.01	0.00	3.22
560	5.92	0.28	0.05	0.06	0.07	0.09	0.23	0.00	0.62	0.63	-0.10	-0.10	0.03	0.00	3.56
561	4.45	0.20	0.05	0.02	0.03	0.08	0.16	0.00	2.51	2.52	-0.10	-0.10	0.05	0.00	2.67
562	2.24	0.09	0.03	0.00	0.00	0.05	0.07	0.00	3.48	3.49	-0.07	-0.07	0.06	0.00	1.34
563	0.12	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.78	3.79	-0.01	-0.01	0.06	0.00	0.07
564	-1.62	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.58	3.59	0.06	0.06	0.06	0.00	-0.97
565	-2.94	-0.14	-0.02	-0.03	-0.03	-0.04	-0.12	0.00	2.99	2.99	0.13	0.13	0.05	0.00	-1.77
566	-3.85	-0.18	-0.04	-0.03	-0.03	-0.07	-0.14	0.00	2.12	2.13	0.20	0.20	0.03	0.00	-2.31
567	-4.35	-0.19	-0.05	-0.02	-0.02	-0.08	-0.15	0.00	1.09	1.09	0.25	0.25	0.02	0.00	-2.61
568	-4.43	-0.18	-0.05	-0.01	-0.01	-0.09	-0.15	0.00	0.00	0.00	0.28	0.28	0.00	0.00	-2.66
569	-4.14	-0.16	-0.05	0.01	0.00	-0.09	-0.13	0.00	-1.03	-1.04	0.29	0.29	-0.02	0.00	-2.48
570	-3.50	-0.13	-0.05	0.02	0.01	-0.08	-0.10	0.00	-1.91	-1.91	0.26	0.26	-0.03	0.00	-2.10
571	-2.56	-0.08	-0.04	0.02	0.02	-0.06	-0.07	0.00	-2.51	-2.51	0.21	0.21	-0.04	0.00	-1.54
572	-1.43	-0.03	-0.03	0.03	0.02	-0.04	-0.03	0.00	-2.74	-2.74	0.13	0.13	-0.04	0.00	-0.86
573	-0.20	0.01	-0.01	0.02	0.02	-0.01	0.01	0.00	-2.50	-2.52	0.03	0.03	-0.04	0.00	-0.12
574	1.07	0.06	0.01	0.02	0.02	0.02	0.05	0.00	-1.72	-1.76	-0.10	-0.09	-0.03	0.00	0.64
575	2.34	0.09	0.03	0.00	0.00	0.06	0.08	0.00	-0.36	-0.41	-0.25	-0.25	-0.01	0.00	1.41
576	4.49	0.15	0.08	-0.03	-0.03	0.11	0.13	0.00	1.76	1.69	-0.52	-0.51	0.02	0.00	2.69
577	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
578	7.02	0.34	0.06	0.07	0.08	0.11	0.27	0.00	0.67	0.69	-0.15	-0.15	0.03	0.00	4.22
579	4.59	0.21	0.05	0.03	0.03	0.08	0.17	0.00	2.43	2.45	-0.13	-0.14	0.05	0.00	2.76
580	2.19	0.09	0.03	0.00	0.00	0.05	0.07	0.00	3.39	3.40	-0.08	-0.09	0.06	0.00	1.32
581	0.08	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.70	3.71	-0.01	-0.01	0.06	0.00	0.05
582	-1.63	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.51	3.51	0.07	0.07	0.06	0.00	-0.98
583	-2.94	-0.14	-0.02	-0.03	-0.04	-0.04	-0.12	0.00	2.93	2.93	0.15	0.15	0.05	0.00	-1.76
584	-3.83	-0.18	-0.03	-0.03	-0.03	-0.07	-0.14	0.00	2.08	2.08	0.22	0.22	0.03	0.00	-2.30
585	-4.28	-0.19	-0.05	-0.02	-0.02	-0.08	-0.15	0.00	1.07	1.07	0.27	0.27	0.02	0.00	-2.57
586	-4.32	-0.18	-0.05	-0.01	-0.01	-0.09	-0.15	0.00	0.00	0.00	0.30	0.30	0.00	0.00	-2.59
587	-3.98	-0.15	-0.05	0.00	0.00	-0.08	-0.13	0.00	-1.00	-1.00	0.30	0.30	-0.01	0.00	-2.39
588	-3.31	-0.12	-0.05	0.02	0.01	-0.07	-0.10	0.00	-1.83	-1.83	0.27	0.27	-0.03	0.00	-1.99
589	-2.41	-0.08	-0.04	0.02	0.02	-0.06	-0.06	0.00	-2.38	-2.38	0.21	0.21	-0.04	0.00	-1.45
590	-1.38	-0.03	-0.03	0.03	0.02	-0.04	-0.02	0.00	-2.55	-2.56	0.13	0.14	-0.04	0.00	-0.83
591	-0.30	0.01	-0.01	0.02	0.02	-0.01	0.01	0.00	-2.28	-2.29	0.04	0.04	-0.04	0.00	-0.18
592	0.78	0.05	0.01	0.02	0.02	0.01	0.04	0.00	-1.51	-1.55	-0.07	-0.07	-0.03	0.00	0.47
593	1.74	0.07	0.03	0.00	0.00	0.04	0.06	0.00	-0.29	-0.34	-0.20	-0.20	-0.01	0.00	1.04
594	3.46	0.11	0.06	-0.03	-0.03	0.09	0.09	0.00	1.61	1.54	-0.43	-0.42	0.01	0.00	2.08
595	7.59	0.36	0.07	0.07	0.08	0.12	0.30	0.00	0.64	0.67	-0.21	-0.21	0.03	0.00	4.56
596	4.72	0.21	0.05	0.03	0.03	0.08	0.17	0.00	2.34	2.37	-0.17	-0.18	0.05	0.00	2.83
597	2.19	0.09	0.03	0.00	0.00	0.05	0.07	0.00	3.29	3.31	-0.10	-0.10	0.06	0.00	1.32
598	0.08	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.61	3.62	-0.01	-0.01	0.06	0.00	0.05
599	-1.62	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.43	3.43	0.08	0.08	0.05	0.00	-0.97
600	-2.93	-0.14	-0.02	-0.03	-0.04	-0.04	-0.12	0.00	2.87	2.87	0.17	0.17	0.04	0.00	-1.76
601	-3.78	-0.18	-0.03	-0.03	-0.03	-0.07	-0.14	0.00	2.03	2.04	0.24	0.24	0.03	0.00	-2.27
602	-4.17	-0.18	-0.04	-0.02	-0.03	-0.08	-0.15	0.00	1.04	1.04	0.29	0.29	0.02	0.00	-2.51
603	-4.15	-0.17	-0.05	-0.01	-0.01	-0.08	-0.14	0.00	0.00	0.00	0.31	0.31	0.00	0.00	-2.49
604	-3.75	-0.15	-0.05	0.00	0.00	-0.08	-0.12	0.00	-0.96	-0.96	0.30	0.30	-0.01	0.00	-2.25
605	-3.07	-0.11	-0.05	0.02	0.01	-0.07	-0.09	0.00	-1.74	-1.74	0.26	0.26	-0.03	0.00	-1.85
606	-2.22	-0.07	-0.04	0.02	0.02	-0.05	-0.06	0.00	-2.22	-2.22	0.21	0.21	-0.03	0.00	-1.33
607	-1.29	-0.03	-0.03	0.03	0.02	-0.04	-0.02	0.00	-2.32	-2.33	0.13	0.14	-0.03	0.00	-0.78
608	-0.36	0.01	-0.01	0.02	0.02	-0.01	0.01	0.00	-2.00	-2.02	0.05	0.05	-0.03	0.00	-0.22
609	0.50	0.04	0.00	0.01	0.02	0.01	0.03	0.00	-1.27	-1.30	-0.05	-0.05	-0.02	0.00	0.30
610	1.13	0.05	0.02	0.00	0.00	0.03	0.04	0.00	-0.26	-0.30	-0.14	-0.14	-0.01	0.00	0.68
611	2.32	0.07	0.04	-0.03	-0.03	0.06	0.05	0.00	1.24	1.17	-0.32	-0.31	0.01	0.00	1.39
612	7.88	0.38	0.07	0.07	0.09	0.13	0.31	0.00	0.54	0.58	-0.27	-0.28	0.03	0.00	4.73
613	4.78	0.22	0.05	0.03	0.04	0.09	0.18	0.00	2.24	2.26	-0.21	-0.21	0.05	0.00	2.87
614	2.21	0.09	0.03	0.00	0.00	0.05	0.07	0.00	3.19	3.20	-0.11	-0.12	0.06	0.00	1.33
615	0.11	-0.01	0.01	-0.02											

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
634	-1.62	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.25	3.26	0.10	0.10	0.05	0.00	-0.97
635	-2.86	-0.14	-0.02	-0.03	-0.04	-0.04	-0.12	0.00	2.72	2.72	0.20	0.20	0.04	0.00	-1.72
636	-3.56	-0.17	-0.03	-0.03	-0.03	-0.06	-0.14	0.00	1.92	1.92	0.26	0.26	0.03	0.00	-2.14
637	-3.79	-0.17	-0.04	-0.02	-0.02	-0.07	-0.14	0.00	0.97	0.97	0.30	0.30	0.01	0.00	-2.27
638	-3.60	-0.15	-0.04	-0.01	-0.01	-0.07	-0.12	0.00	0.00	0.00	0.30	0.30	0.00	0.00	-2.16
639	-3.09	-0.12	-0.04	0.00	0.00	-0.07	-0.10	0.00	-0.85	-0.85	0.28	0.28	-0.01	0.00	-1.85
640	-2.40	-0.08	-0.04	0.01	0.01	-0.06	-0.07	0.00	-1.46	-1.46	0.23	0.23	-0.02	0.00	-1.44
641	-1.67	-0.05	-0.03	0.02	0.02	-0.04	-0.04	0.00	-1.74	-1.75	0.18	0.18	-0.03	0.00	-1.00
642	-0.98	-0.02	-0.02	0.02	0.02	-0.03	-0.02	0.00	-1.66	-1.67	0.12	0.12	-0.02	0.00	-0.59
643	-0.33	0.00	-0.01	0.02	0.02	-0.01	0.00	0.00	-1.21	-1.23	0.05	0.05	-0.02	0.00	-0.20
644	0.15	0.02	0.00	0.01	0.01	0.00	0.01	0.00	-0.53	-0.57	-0.02	-0.01	-0.01	0.00	0.09
645	0.33	0.02	0.01	0.00	0.00	0.01	0.02	0.00	0.03	0.00	-0.05	-0.05	0.00	0.00	0.20
646	0.19	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.12	0.09	-0.05	-0.04	0.00	0.00	0.21
647	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.14	-0.01	0.00	0.00	0.00	-0.25
648	8.02	0.38	0.07	0.07	0.08	0.13	0.31	0.00	0.27	0.30	-0.41	-0.41	0.02	0.00	4.81
649	4.77	0.22	0.05	0.03	0.04	0.09	0.18	0.00	1.99	2.02	-0.27	-0.27	0.04	0.00	2.86
650	2.36	0.10	0.04	0.00	0.01	0.05	0.08	0.00	2.92	2.95	-0.15	-0.15	0.05	0.00	1.42
651	0.15	-0.01	0.01	-0.02	-0.02	0.02	-0.01	0.00	3.28	3.29	-0.02	-0.02	0.05	0.00	0.09
652	-1.64	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.15	3.15	0.11	0.11	0.05	0.00	-0.98
653	-2.77	-0.14	-0.02	-0.03	-0.04	-0.04	-0.11	0.00	2.62	2.63	0.20	0.20	0.04	0.00	-1.66
654	-3.38	-0.16	-0.03	-0.03	-0.03	-0.06	-0.13	0.00	1.84	1.84	0.27	0.27	0.03	0.00	-2.03
655	-3.49	-0.16	-0.04	-0.02	-0.02	-0.07	-0.13	0.00	0.92	0.92	0.29	0.29	0.01	0.00	-2.10
656	-3.20	-0.13	-0.04	-0.01	-0.01	-0.06	-0.11	0.00	0.00	0.00	0.28	0.28	0.00	0.00	-1.92
657	-2.62	-0.10	-0.03	0.00	0.00	-0.06	-0.08	0.00	-0.76	-0.76	0.25	0.25	-0.01	0.00	-1.57
658	-1.94	-0.07	-0.03	0.01	0.01	-0.05	-0.05	0.00	-1.25	-1.26	0.20	0.20	-0.02	0.00	-1.16
659	-1.33	-0.04	-0.02	0.02	0.02	-0.03	-0.03	0.00	-1.41	-1.41	0.15	0.15	-0.02	0.00	-0.80
660	-0.74	-0.01	-0.01	0.02	0.02	-0.02	-0.01	0.00	-1.19	-1.20	0.09	0.10	-0.02	0.00	-0.45
661	-0.18	0.00	-0.01	0.01	0.01	-0.01	0.00	0.00	-0.62	-0.65	0.03	0.03	-0.01	0.00	-0.11
662	0.13	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.03	-0.01	-0.02	-0.01	0.00	0.00	0.08
663	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.32	-0.01	0.00	0.00	0.00	-0.02
664	-0.25	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.09	0.00	0.00	0.00	0.00	-0.15
665	7.87	0.38	0.07	0.07	0.08	0.13	0.31	0.00	0.12	0.16	-0.44	-0.45	0.02	0.00	4.72
666	4.80	0.22	0.05	0.03	0.04	0.09	0.18	0.00	1.84	1.87	-0.30	-0.30	0.04	0.00	2.88
667	2.47	0.10	0.04	0.01	0.01	0.06	0.09	0.00	2.77	2.80	-0.17	-0.17	0.05	0.00	1.48
668	0.07	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.16	3.17	-0.01	-0.01	0.05	0.00	0.04
669	-1.59	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	3.03	3.04	0.12	0.12	0.05	0.00	-0.95
670	-2.65	-0.13	-0.02	-0.03	-0.04	-0.04	-0.11	0.00	2.51	2.52	0.21	0.21	0.04	0.00	-1.59
671	-3.14	-0.15	-0.03	-0.03	-0.03	-0.05	-0.12	0.00	1.74	1.74	0.26	0.26	0.03	0.00	-1.88
672	-3.12	-0.14	-0.03	-0.02	-0.02	-0.06	-0.12	0.00	0.85	0.85	0.28	0.28	0.01	0.00	-1.87
673	-2.70	-0.11	-0.03	-0.01	-0.01	-0.05	-0.09	0.00	0.00	0.00	0.25	0.25	0.00	0.00	-1.62
674	-2.03	-0.08	-0.03	0.01	0.00	-0.04	-0.06	0.00	-0.65	-0.65	0.21	0.21	-0.01	0.00	-1.22
675	-1.42	-0.05	-0.02	0.01	0.01	-0.03	-0.04	0.00	-0.99	-1.00	0.16	0.16	-0.01	0.00	-0.85
676	-0.95	-0.03	-0.02	0.01	0.01	-0.02	-0.02	0.00	-1.00	-1.00	0.12	0.12	-0.01	0.00	-0.57
677	-0.40	-0.01	-0.01	0.01	0.01	-0.01	0.00	0.00	-0.62	-0.64	0.06	0.06	-0.01	0.00	-0.24
678	0.10	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.10	0.06	-0.01	0.00	0.00	0.00	0.06
679	0.23	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.76	0.71	-0.03	-0.03	0.01	0.00	0.14
680	7.44	0.35	0.06	0.06	0.07	0.12	0.29	0.00	-0.01	0.03	-0.46	-0.46	0.02	0.00	4.47
681	5.42	0.26	0.07	0.05	0.06	0.11	0.22	0.00	1.61	1.65	-0.37	-0.37	0.04	0.00	3.25
682	2.51	0.11	0.04	0.01	0.01	0.06	0.09	0.00	2.62	2.65	-0.18	-0.18	0.05	0.00	1.51
683	0.06	-0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	3.01	3.02	-0.01	-0.01	0.05	0.00	0.04
684	-1.55	-0.09	0.00	-0.03	-0.03	-0.02	-0.07	0.00	2.89	2.90	0.12	0.12	0.04	0.00	-0.93
685	-2.49	-0.13	-0.02	-0.03	-0.04	-0.04	-0.11	0.00	2.38	2.39	0.21	0.21	0.04	0.00	-1.50
686	-2.83	-0.14	-0.02	-0.03	-0.03	-0.05	-0.11	0.00	1.62	1.62	0.25	0.25	0.02	0.00	-1.70
687	-2.65	-0.12	-0.03	-0.02	-0.02	-0.05	-0.10	0.00	0.77	0.77	0.25	0.25	0.01	0.00	-1.59
688	-2.06	-0.09	-0.02	0.00	-0.01	-0.04	-0.07	0.00	0.00	0.00	0.21	0.21	0.00	0.00	-1.24
689	-1.32	-0.05	-0.02	0.01	0.00	-0.03	-0.04	0.00	-0.50	-0.50	0.15	0.15	-0.01	0.00	-0.79
690	-0.88	-0.03	-0.01	0.01	0.01	-0.02	-0.02	0.00	-0.68	-0.68	0.11	0.11	-0.01	0.00	-0.53
691	-0.52	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	-0.54	-0.54	0.07	0.07	-0.01	0.00	-0.31
692	0.11	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.06
693	0.52	0.02	0.01	0.00	0.00	0.01	0.02	0.00	1.02	0.96	-0.06	-0.05	0.02	0.00	0.31
694	6.52	0.30	0.04	0.04	0.05	0.09	0.24	0.00	-0.09	-0.04	-0.43	-0.44	0.01	0.00	3.92
695	5.12	0.23	0.03	0.03	0.04	0.07	0.19	0.00	0.03	0.07	-0.37	-0.37	0.01	0.00	3.08
696	5.10	0.25	0.06	0.05	0.05	0.10	0.21	0.00	1.04	1.08	-0.37	-0.37	0.03	0.00	4.05
697	2.22	0.09	0.03	0.00	0.01	0.05	0.08	0.00	2.44	2.48	-0.17	-0.17	0.04	0.00	1.34
698	-0.04	-0.02	0.01	-0.02											

NOKTALARIN X YÖNÜ STATİK SONUÇLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
717	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	-0.04
718	0.21	0.01	0.00	0.01	0.01	0.01	0.01	0.00	-0.04	-0.04	0.00	0.00	0.00	0.00	0.13
719	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.02	0.02	0.00	0.00	-0.01
720	0.89	0.04	0.02	0.00	0.00	0.02	0.03	0.00	0.38	0.39	-0.09	-0.09	0.01	0.00	0.53
721	6.40	0.29	0.03	0.04	0.05	0.09	0.24	0.00	-0.61	-0.55	-0.50	-0.51	0.01	0.00	3.85
722	4.14	0.20	0.05	0.03	0.04	0.08	0.16	0.00	1.06	1.11	-0.34	-0.34	0.03	0.00	2.48
723	1.59	0.06	0.03	0.00	0.00	0.04	0.05	0.00	2.11	2.14	-0.13	-0.14	0.04	0.00	0.95
724	-0.28	-0.03	0.01	-0.02	-0.02	0.00	-0.02	0.00	2.50	2.52	0.03	0.03	0.04	0.00	-0.17
725	-1.37	-0.08	0.00	-0.03	-0.03	-0.02	-0.07	0.00	2.32	2.33	0.14	0.14	0.03	0.00	-0.82
726	-1.74	-0.09	-0.01	-0.03	-0.03	-0.03	-0.08	0.00	1.75	1.75	0.18	0.18	0.03	0.00	-1.04
727	-1.46	-0.07	-0.01	-0.02	-0.02	-0.02	-0.06	0.00	1.00	1.00	0.16	0.16	0.01	0.00	-0.87
728	-0.52	-0.02	0.00	0.00	0.00	-0.01	-0.02	0.00	0.30	0.31	0.07	0.07	0.00	0.00	-0.31
729	1.78	0.08	0.02	0.01	0.01	0.04	0.07	0.00	0.00	0.00	-0.16	-0.16	0.00	0.00	1.07
730	0.25	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.43	0.42	-0.01	-0.01	0.01	0.00	0.15
731	0.85	0.04	0.02	0.00	0.00	0.02	0.03	0.00	0.25	0.26	-0.08	-0.08	0.00	0.00	0.51
732	6.75	0.33	0.05	0.06	0.07	0.11	0.27	0.00	-0.99	-0.92	-0.56	-0.57	0.00	0.00	4.05
733	3.78	0.18	0.04	0.03	0.03	0.07	0.15	0.00	0.85	0.90	-0.32	-0.33	0.02	0.00	2.27
734	1.31	0.05	0.02	0.00	0.00	0.03	0.04	0.00	1.92	1.95	-0.11	-0.12	0.03	0.00	0.79
735	-0.37	-0.03	0.01	-0.02	-0.02	0.00	-0.03	0.00	2.28	2.29	0.04	0.04	0.04	0.00	-0.22
736	-1.24	-0.07	0.00	-0.03	-0.03	-0.02	-0.06	0.00	2.03	2.04	0.13	0.13	0.03	0.00	-0.74
737	-1.38	-0.07	-0.01	-0.02	-0.02	-0.02	-0.06	0.00	1.41	1.42	0.15	0.15	0.02	0.00	-0.83
738	-0.91	-0.05	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	0.68	0.69	0.11	0.11	0.01	0.00	-0.55
739	0.21	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.12
740	3.60	0.16	0.05	0.02	0.02	0.08	0.14	0.00	0.00	0.00	-0.35	-0.35	0.00	0.00	2.16
741	0.56	0.03	0.01	0.00	0.00	0.02	0.02	0.00	0.08	0.08	-0.05	-0.05	0.00	0.00	0.34
742	6.63	0.33	0.05	0.07	0.08	0.11	0.28	0.00	-1.28	-1.20	-0.57	-0.58	0.00	0.00	3.98
743	3.39	0.16	0.04	0.03	0.03	0.06	0.14	0.00	0.65	0.70	-0.31	-0.32	0.02	0.00	2.04
744	1.03	0.04	0.02	-0.01	0.00	0.03	0.03	0.00	1.72	1.75	-0.09	-0.10	0.03	0.00	0.62
745	-0.43	-0.04	0.00	-0.02	-0.02	0.00	-0.03	0.00	2.00	2.02	0.05	0.05	0.03	0.00	-0.26
746	-1.05	-0.06	0.00	-0.02	-0.02	-0.01	-0.05	0.00	1.66	1.67	0.12	0.12	0.02	0.00	-0.63
747	-0.99	-0.05	0.00	-0.02	-0.02	-0.01	-0.04	0.00	1.00	1.01	0.12	0.12	0.01	0.00	-0.59
748	-0.43	-0.02	0.00	0.00	0.00	-0.01	-0.02	0.00	0.34	0.34	0.06	0.06	0.00	0.00	-0.26
749	0.26	0.02	0.00	0.01	0.01	0.01	0.01	0.00	-0.43	-0.42	-0.01	-0.01	-0.01	0.00	0.16
750	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	-0.09
751	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
752	6.19	0.32	0.05	0.07	0.08	0.11	0.27	0.00	-1.52	-1.44	-0.56	-0.58	-0.01	0.00	3.72
753	2.92	0.14	0.03	0.02	0.03	0.06	0.12	0.00	0.48	0.53	-0.28	-0.29	0.01	0.00	1.76
754	0.75	0.02	0.01	-0.01	-0.01	0.02	0.02	0.00	1.51	1.54	-0.07	-0.07	0.03	0.00	0.45
755	-0.44	-0.03	0.00	-0.02	-0.02	0.00	-0.03	0.00	1.66	1.68	0.06	0.05	0.03	0.00	-0.26
756	-0.79	-0.05	0.00	-0.02	-0.02	-0.01	-0.04	0.00	1.19	1.20	0.10	0.10	0.02	0.00	-0.47
757	-0.54	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.54	0.55	0.07	0.07	0.01	0.00	-0.32
758	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.00	0.00	-0.01
759	0.57	0.03	0.01	0.01	0.01	0.01	0.03	0.00	-0.08	-0.08	-0.05	-0.05	0.00	0.00	0.34
760	5.50	0.29	0.05	0.07	0.08	0.10	0.24	0.00	-1.71	-1.63	-0.55	-0.56	-0.01	0.00	3.30
761	2.37	0.11	0.03	0.02	0.02	0.05	0.10	0.00	0.36	0.41	-0.25	-0.25	0.01	0.00	1.42
762	0.47	0.01	0.01	-0.01	-0.01	0.01	0.01	0.00	1.27	1.30	-0.04	-0.05	0.02	0.00	0.28
763	-0.38	-0.03	0.00	-0.02	-0.02	0.00	-0.02	0.00	1.21	1.23	0.05	0.05	0.02	0.00	-0.23
764	-0.42	-0.03	0.00	-0.01	-0.01	0.00	-0.02	0.00	0.62	0.64	0.06	0.06	0.01	0.00	-0.25
765	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.01	0.01	0.00	0.00	0.04
766	0.87	0.05	0.01	0.01	0.01	0.02	0.04	0.00	-0.26	-0.26	-0.08	-0.08	0.00	0.00	0.52
767	4.62	0.25	0.04	0.06	0.07	0.08	0.21	0.00	-1.77	-1.70	-0.51	-0.52	-0.02	0.00	2.77
768	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
769	1.76	0.09	0.02	0.02	0.02	0.03	0.07	0.00	0.29	0.34	-0.20	-0.20	0.01	0.00	1.06
770	0.25	0.00	0.01	-0.01	-0.01	0.01	0.00	0.00	0.95	0.99	-0.02	-0.03	0.02	0.00	0.15
771	-0.21	-0.02	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.62	0.65	0.03	0.03	0.01	0.00	-0.13
772	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.02	0.00	0.00	0.00	0.00	0.06
773	0.91	0.05	0.01	0.01	0.01	0.02	0.04	0.00	-0.38	-0.39	-0.09	-0.09	-0.01	0.00	0.55
774	3.57	0.20	0.03	0.06	0.06	0.06	0.17	0.00	-1.62	-1.55	-0.42	-0.43	-0.01	0.00	2.14
775	1.15	0.06	0.01	0.01	0.01	0.02	0.05	0.00	0.25	0.30	-0.14	-0.14	0.01	0.00	0.69
776	0.13	0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.53	0.56	-0.01	-0.01	0.01	0.00	0.08
777	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.07	0.00	0.00	0.00	0.00	0.06
778	0.78	0.04	0.01	0.01	0.01	0.02	0.04	0.00	-0.77	-0.75	-0.07	-0.08	-0.01	0.00	0.47
779	2.40	0.14	0.02	0.04	0.05	0.04	0.12	0.00	-1.25	-1.18	-0.31	-0.32	-0.01	0.00	1.44
780	0.63	0.03	0.01	0.01	0.01	0.01	0.03	0.00	0.19	0.23	-0.08	-0.09	0.01	0.00	0.38
781	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.01	-0.02	0.00	0.00	0.07
782	0.55	0.03	0.01	0.01	0.01	0.01	0.03	0.00	-1.02	-0.96	-0.05	-0.06	-0.02	0.00	0.33
783	1.20	0.07	0.01	0.03	0.03	0.02	0.07	0.00	-0.66	-0.59	-0.18	-0.19	0.00	0.00	0.72
784	0.37	0.02	0.00	0.00	0.00	0.00	0.01	0.00	-0.05	-0.02	-0.05	-0.05	0.00	0.00	0.22
785	0.25	0.02	0.00	0.01	0.01	0.00	0.01	0.00	-0.76	-0.71	-0.03	-0.03	-0.01	0.00	0.15
786	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11	-0.02	-0.02	0.00	0.00	0.03
787	0.24	0.02	0.00	0.01	0.01	0.01	0.02	0.00	-0.07	-0.04	-0.05	-0.05	0.00	0.00	0.14
788	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.12	0.00	0.00	0.00	0.00	0.10
789	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	-0.15



NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
1	-0.09	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.19	0.00	-0.01	0.00	0.00	-0.05
2	0.38	0.01	0.01	-0.01	0.00	0.01	0.01	0.00	1.36	1.40	0.04	0.04	0.02	0.00	0.23
3	1.43	0.04	0.03	-0.02	-0.02	0.03	0.03	0.00	2.49	2.54	0.16	0.15	0.04	0.00	0.86
4	-0.12	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	-0.07
5	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.13	0.01	0.00	0.00	0.00	0.01
6	0.43	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.43	0.44	0.04	0.04	0.01	0.00	0.26
7	2.56	0.07	0.04	-0.03	-0.03	0.05	0.05	0.00	3.10	3.15	0.28	0.27	0.05	0.00	1.54
8	0.79	0.02	0.01	-0.01	-0.01	0.01	0.02	0.00	0.76	0.77	0.07	0.07	0.01	0.00	0.48
9	0.24	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.15	0.17	0.04	0.04	0.00	0.00	0.12
10	0.24	0.01	0.00	0.00	0.00	0.01	0.01	0.00	-0.01	0.01	0.03	0.03	0.00	0.00	0.14
11	1.29	0.04	0.02	-0.01	-0.01	0.02	0.03	0.00	1.01	1.02	0.12	0.12	0.02	0.00	0.78
12	3.51	0.11	0.06	-0.04	-0.03	0.07	0.07	0.00	2.97	3.00	0.37	0.37	0.04	0.00	2.11
13	0.33	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.05	-0.04	0.02	0.02	0.00	0.00	0.20
14	0.55	0.01	0.01	-0.01	-0.01	0.01	0.01	0.00	0.33	0.35	0.09	0.08	0.00	0.00	0.33
15	0.24	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.15	-0.13	0.03	0.03	0.00	0.00	0.15
16	1.81	0.06	0.03	-0.01	-0.01	0.03	0.04	0.00	1.09	1.11	0.16	0.16	0.02	0.00	1.09
17	0.52	0.02	0.00	0.00	0.00	0.01	0.02	0.00	-0.01	0.00	0.03	0.03	0.00	0.00	0.31
18	4.06	0.13	0.06	-0.03	-0.02	0.08	0.09	0.00	2.36	2.36	0.42	0.42	0.03	0.00	2.44
19	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	-0.40	0.00	0.00	-0.01	0.00	0.05
20	0.83	0.02	0.01	-0.02	-0.01	0.02	0.01	0.00	0.42	0.44	0.12	0.11	0.00	0.00	0.50
21	0.34	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.17	-0.16	0.05	0.04	0.00	0.00	0.21
22	2.26	0.08	0.03	-0.01	-0.01	0.04	0.06	0.00	1.01	1.02	0.20	0.20	0.02	0.00	1.36
23	0.79	0.03	0.01	0.00	0.00	0.01	0.02	0.00	0.07	0.08	0.04	0.04	0.00	0.00	0.48
24	0.03	0.01	0.00	0.01	0.01	0.00	0.01	0.00	-0.51	-0.50	-0.03	-0.03	-0.01	0.00	0.02
25	3.94	0.14	0.06	-0.02	-0.01	0.07	0.10	0.00	1.57	1.56	0.41	0.41	0.02	0.00	2.37
26	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-0.54	-0.01	-0.01	-0.01	0.00	-0.02
27	1.09	0.03	0.02	-0.02	-0.01	0.02	0.02	0.00	0.44	0.46	0.14	0.14	0.00	0.00	0.65
28	0.47	0.01	0.00	-0.01	0.00	0.01	0.01	0.00	-0.19	-0.18	0.05	0.05	0.00	0.00	0.28
29	1.17	0.05	0.01	0.00	0.00	0.02	0.03	0.00	0.14	0.14	0.07	0.07	0.00	0.00	0.70
30	2.72	0.10	0.04	-0.01	0.00	0.05	0.07	0.00	0.85	0.85	0.25	0.25	0.01	0.00	1.63
31	0.08	0.01	0.00	0.01	0.01	0.00	0.01	0.00	-0.48	-0.48	-0.03	-0.03	-0.01	0.00	0.05
32	-0.28	-0.01	-0.01	0.01	0.01	-0.01	0.00	0.00	-0.73	-0.72	-0.06	-0.06	-0.01	0.00	-0.17
33	2.78	0.10	0.04	-0.01	0.00	0.05	0.07	0.00	0.58	0.57	0.28	0.29	0.01	0.00	1.67
34	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.59	-0.02	-0.02	-0.01	0.00	-0.03
35	1.32	0.03	0.02	-0.02	-0.02	0.03	0.02	0.00	0.35	0.38	0.13	0.13	0.00	0.00	0.79
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.59	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	-0.25	-0.24	0.05	0.05	0.00	0.00	0.36
38	1.73	0.07	0.02	0.00	0.00	0.03	0.05	0.00	0.16	0.16	0.12	0.12	0.00	0.00	1.04
39	0.24	0.01	0.00	0.01	0.01	0.00	0.01	0.00	-0.38	-0.37	-0.03	-0.03	0.00	0.00	0.14
40	3.58	0.13	0.05	-0.01	0.00	0.06	0.10	0.00	0.72	0.73	0.33	0.33	0.01	0.00	2.15
41	-0.43	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	-0.74	-0.74	-0.09	-0.09	-0.01	0.00	-0.26
42	-0.46	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	-0.82	-0.82	-0.07	-0.07	-0.01	0.00	-0.28
43	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	-0.02
44	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.65	-0.02	-0.02	-0.01	0.00	-0.02
45	1.49	0.04	0.02	-0.02	-0.02	0.03	0.02	0.00	0.21	0.25	0.12	0.11	0.00	0.00	0.89
46	0.69	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	-0.35	-0.33	0.05	0.04	-0.01	0.00	0.41
47	0.46	0.02	0.00	0.00	0.00	0.00	0.02	0.00	-0.25	-0.25	-0.01	-0.01	0.00	0.00	0.28
48	2.46	0.09	0.03	0.00	0.00	0.04	0.07	0.00	0.11	0.11	0.19	0.19	0.00	0.00	1.48
49	-0.50	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	-0.65	-0.64	-0.10	-0.10	-0.01	0.00	-0.30
50	5.98	0.23	0.07	0.00	0.01	0.10	0.17	0.00	0.00	0.00	0.58	0.58	0.00	0.00	3.59
51	-0.77	-0.02	-0.02	0.01	0.01	-0.02	-0.02	0.00	-0.86	-0.86	-0.12	-0.12	-0.01	0.00	-0.46
52	-0.55	-0.02	-0.01	0.01	0.00	-0.01	-0.01	0.00	-0.87	-0.86	-0.08	-0.08	-0.01	0.00	-0.33
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	2.81	0.12	0.03	0.01	0.02	0.04	0.09	0.00	-0.58	-0.57	0.29	0.28	-0.01	0.00	1.69
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.71	-0.02	-0.02	-0.01	0.00	0.00
56	1.59	0.04	0.02	-0.02	-0.02	0.03	0.03	0.00	0.11	0.14	0.13	0.12	0.00	0.00	0.96
57	0.73	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	-0.45	-0.42	0.05	0.04	-0.01	0.00	0.44
58	0.62	0.02	0.00	0.00	0.00	0.01	0.02	0.00	-0.13	-0.13	0.00	0.00	0.00	0.00	0.37
59	-0.52	-0.02	-0.01	0.01	0.00	-0.01	-0.01	0.00	-0.47	-0.47	-0.11	-0.11	-0.01	0.00	-0.31
60	3.18	0.12	0.04	0.00	0.00	0.05	0.09	0.00	0.00	0.00	0.26	0.26	0.00	0.00	1.91
61	-0.99	-0.03	-0.02	0.01	0.01	-0.02	-0.02	0.00	-0.77	-0.77	-0.15	-0.15	-0.01	0.00	-0.60
62	3.60	0.15	0.04	0.00	0.01	0.06	0.11	0.00	-0.71	-0.73	0.33	0.33	-0.01	0.00	2.16
63	-0.96	-0.03	-0.02	0.01	0.01	-0.02	-0.02	0.00	-0.92	-0.91	-0.13	-0.13	-0.01	0.00	-0.58
64	-0.57	-0.02	-0.01	0.01	0.00	-0.01	-0.01	0.00	-0.91	-0.90	-0.08	-0.08	-0.01	0.00	-0.34
65	4.01	0.18	0.04	0.02	0.03	0.06	0.13	0.00							

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
84	-1.52	-0.06	-0.02	0.01	0.00	-0.03	-0.04	0.00	-0.61	-0.61	-0.20	-0.20	-0.01	0.00	-0.91
85	1.73	0.07	0.02	0.00	0.00	0.03	0.05	0.00	-0.16	-0.16	0.12	0.12	0.00	0.00	1.04
86	-1.41	-0.05	-0.02	0.01	0.00	-0.03	-0.04	0.00	-0.83	-0.83	-0.17	-0.17	-0.01	0.00	-0.85
87	2.30	0.10	0.02	0.01	0.01	0.03	0.07	0.00	-1.01	-1.02	0.20	0.20	-0.02	0.00	1.38
88	-1.02	-0.04	-0.02	0.01	0.00	-0.02	-0.03	0.00	-0.96	-0.95	-0.13	-0.13	-0.01	0.00	-0.61
89	-0.42	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-0.99	-0.98	-0.06	-0.06	-0.02	0.00	-0.25
90	3.62	0.17	0.03	0.03	0.04	0.04	0.13	0.00	-2.97	-2.99	0.37	0.37	-0.04	0.00	2.17
91	0.40	0.01	0.01	0.00	0.00	0.01	0.01	0.00	-0.89	-0.87	0.02	0.01	-0.02	0.00	0.24
92	-0.04	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	-0.33	-0.32	-0.01	-0.01	-0.01	0.00	-0.03
93	2.56	0.07	0.04	-0.03	-0.02	0.05	0.05	0.00	-0.54	-0.51	0.18	0.18	-0.02	0.00	1.54
94	2.00	0.04	0.02	-0.04	-0.03	0.03	0.02	0.00	0.09	0.10	0.14	0.14	0.00	0.00	1.78
95	-1.68	-0.07	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.32	-0.32	-0.22	-0.22	0.00	0.00	-1.01
96	-1.36	-0.06	-0.02	0.00	0.00	-0.02	-0.04	0.00	0.00	0.00	-0.20	-0.20	0.00	0.00	-0.82
97	-0.59	-0.03	-0.01	-0.01	-0.01	-0.01	-0.02	0.00	0.25	0.25	-0.12	-0.12	0.00	0.00	-0.36
98	0.45	0.01	0.01	-0.01	-0.01	0.01	0.01	0.00	0.25	0.25	-0.01	-0.01	0.00	0.00	0.27
99	-1.69	-0.06	-0.02	0.01	0.00	-0.03	-0.05	0.00	-0.62	-0.62	-0.20	-0.21	-0.01	0.00	-1.01
100	1.17	0.04	0.01	0.00	0.00	0.02	0.03	0.00	-0.14	-0.14	0.07	0.07	0.00	0.00	0.70
101	-1.42	-0.05	-0.02	0.01	0.00	-0.03	-0.04	0.00	-0.84	-0.84	-0.17	-0.17	-0.01	0.00	-0.85
102	1.84	0.08	0.02	0.01	0.01	0.03	0.06	0.00	-1.09	-1.10	0.16	0.16	-0.02	0.00	1.11
103	-0.93	-0.03	-0.01	0.01	0.00	-0.02	-0.02	0.00	-0.98	-0.97	-0.11	-0.11	-0.02	0.00	-0.56
104	-0.21	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	-1.01	-1.00	-0.04	-0.04	-0.02	0.00	-0.13
105	2.66	0.13	0.01	0.03	0.03	0.03	0.10	0.00	-3.10	-3.15	0.27	0.28	-0.05	0.00	1.60
106	1.02	0.03	0.02	-0.01	-0.01	0.02	0.02	0.00	-0.90	-0.88	0.07	0.06	-0.02	0.00	0.61
107	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.17	0.00	0.00	0.00	0.00	-0.03
108	0.63	0.02	0.01	0.00	0.00	0.02	0.02	0.00	-0.70	-0.69	0.04	0.04	-0.01	0.00	0.56
109	-1.74	-0.07	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	-0.22	-0.22	0.00	0.00	-1.05
110	-1.86	-0.07	-0.03	0.00	0.00	-0.03	-0.05	0.00	-0.33	-0.33	-0.22	-0.22	0.00	0.00	-1.12
111	-1.30	-0.06	-0.02	-0.01	-0.01	-0.02	-0.04	0.00	0.30	0.30	-0.19	-0.19	0.00	0.00	-0.78
112	-0.55	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.47	0.47	-0.11	-0.11	0.01	0.00	-0.33
113	0.21	0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.38	0.37	-0.03	-0.03	0.00	0.00	0.13
114	-1.72	-0.07	-0.02	0.01	0.00	-0.03	-0.05	0.00	-0.62	-0.62	-0.20	-0.20	-0.01	0.00	-1.03
115	0.79	0.03	0.01	0.00	0.00	0.01	0.02	0.00	-0.07	-0.07	0.04	0.04	0.00	0.00	0.47
116	-1.36	-0.05	-0.02	0.01	0.00	-0.03	-0.04	0.00	-0.85	-0.84	-0.15	-0.15	-0.01	0.00	-0.82
117	1.33	0.06	0.01	0.01	0.01	0.02	0.04	0.00	-1.01	-1.02	0.12	0.12	-0.02	0.00	0.80
118	-0.79	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-0.99	-0.99	-0.09	-0.09	-0.02	0.00	-0.47
119	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	-1.03	-0.01	-0.01	-0.02	0.00	0.01
120	1.50	0.07	0.00	0.02	0.02	0.01	0.05	0.00	-2.49	-2.53	0.15	0.16	-0.04	0.00	0.90
121	0.60	0.02	0.01	0.00	0.00	0.01	0.01	0.00	-0.98	-0.97	0.04	0.04	-0.02	0.00	0.36
122	1.56	0.03	0.02	-0.03	-0.02	0.02	0.02	0.00	-0.31	-0.29	0.11	0.11	-0.01	0.00	0.94
123	0.88	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	-0.82	-0.81	0.06	0.06	-0.02	0.00	0.53
124	-1.93	-0.08	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.00	0.00	-0.23	-0.23	0.00	0.00	-1.16
125	-1.69	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.32	0.32	-0.22	-0.22	0.00	0.00	-1.02
126	-1.91	-0.08	-0.03	0.00	0.00	-0.03	-0.05	0.00	-0.33	-0.33	-0.22	-0.22	0.00	0.00	-1.15
127	-1.18	-0.06	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.57	0.57	-0.17	-0.17	0.01	0.00	-0.71
128	-0.53	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.64	0.64	-0.10	-0.10	0.01	0.00	-0.32
129	0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.48	0.48	-0.04	-0.03	0.01	0.00	0.03
130	-1.68	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.62	-0.62	-0.18	-0.18	-0.01	0.00	-1.01
131	0.51	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.03	0.03	0.00	0.00	0.31
132	-1.26	-0.05	-0.02	0.01	0.00	-0.02	-0.03	0.00	-0.85	-0.85	-0.13	-0.13	-0.01	0.00	-0.76
133	0.82	0.04	0.01	0.01	0.01	0.01	0.03	0.00	-0.76	-0.78	0.07	0.07	-0.01	0.00	0.49
134	-0.67	-0.03	-0.01	0.00	0.00	-0.01	-0.02	0.00	-1.01	-1.00	-0.07	-0.07	-0.02	0.00	-0.40
135	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.08	-1.07	-0.01	-0.01	-0.02	0.00	-0.04
136	0.41	0.02	-0.01	0.00	0.00	-0.01	0.01	0.00	-1.34	-1.38	0.04	0.04	-0.02	0.00	0.25
137	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.05	-1.04	0.02	0.02	-0.02	0.00	0.21
138	1.78	0.04	0.02	-0.03	-0.02	0.03	0.03	0.00	-0.33	-0.31	0.12	0.12	-0.01	0.00	1.07
139	0.99	0.02	0.01	-0.01	-0.01	0.01	0.02	0.00	-0.83	-0.82	0.06	0.06	-0.02	0.00	0.59
140	-1.98	-0.08	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.00	0.00	-0.22	-0.22	0.00	0.00	-1.19
141	-1.87	-0.08	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.33	0.32	-0.22	-0.22	0.00	0.00	-1.13
142	-1.54	-0.07	-0.02	-0.01	-0.01	-0.02	-0.05	0.00	0.60	0.60	-0.20	-0.20	0.01	0.00	-0.93
143	-1.88	-0.07	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.33	-0.33	-0.20	-0.20	0.00	0.00	-1.13
144	-1.03	-0.05	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	0.76	0.76	-0.15	-0.15	0.01	0.00	-0.62
145	-0.47	-0.03	0.00	-0.01	-0.01	0.00	-0.02	0.00	0.74	0.74	-0.09	-0.09	0.01	0.00	-0.28
146	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.51	0.50	-0.03	-0.03	0.01	0.00	0.00
147	-1.60	-0.06	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.62	-0.62	-0.16	-0.16	-0.01	0.00	-0.96
148	0.32	0.01	0.01	0.00	0.00	0.									

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
167	-1.12	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.88	-0.87	-0.09	-0.09	-0.01	0.00	-0.67
168	0.19	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.31	-0.32	0.02	0.02	0.00	0.00	0.11
169	-0.70	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.06	-1.06	-0.05	-0.05	-0.02	0.00	-0.42
170	-0.26	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.15	-1.14	-0.01	-0.01	-0.02	0.00	-0.15
171	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.07
172	0.33	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	-1.09	0.02	0.02	-0.02	0.00	0.20
173	1.93	0.05	0.02	-0.03	-0.02	0.03	0.03	0.00	-0.39	-0.38	0.12	0.12	-0.01	0.00	1.16
174	1.08	0.03	0.01	-0.01	-0.01	0.02	0.02	0.00	-0.88	-0.87	0.05	0.05	-0.02	0.00	0.65
175	-1.74	-0.08	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.62	0.61	-0.20	-0.20	0.01	0.00	-1.05
176	-1.89	-0.08	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.33	0.32	-0.20	-0.20	0.00	0.00	-1.13
177	-1.88	-0.08	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.00	0.00	-0.18	-0.18	0.00	0.00	-1.13
178	-1.44	-0.07	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.83	0.83	-0.17	-0.17	0.01	0.00	-0.86
179	-0.99	-0.05	-0.01	-0.01	-0.02	-0.01	-0.04	0.00	0.91	0.91	-0.13	-0.13	0.01	0.00	-0.60
180	-1.73	-0.07	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.33	-0.33	-0.16	-0.16	-0.01	0.00	-1.04
181	-0.49	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.82	0.82	-0.07	-0.07	0.01	0.00	-0.30
182	-0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.54	0.54	-0.01	-0.01	0.01	0.00	-0.03
183	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.03	0.03	0.00	0.00	0.14
184	-1.46	-0.06	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.63	-0.63	-0.12	-0.12	-0.01	0.00	-0.87
185	0.28	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.20	-0.22	0.05	0.05	0.00	0.00	0.17
186	-1.11	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.89	-0.89	-0.08	-0.08	-0.01	0.00	-0.67
187	-0.73	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.08	-1.08	-0.04	-0.04	-0.02	0.00	-0.44
188	-0.26	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.17	-1.16	-0.01	-0.01	-0.02	0.00	-0.16
189	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.12	-1.12	0.02	0.02	-0.02	0.00	0.20
190	1.93	0.05	0.02	-0.02	-0.02	0.03	0.03	0.00	-0.42	-0.42	0.10	0.10	-0.01	0.00	1.16
191	1.04	0.03	0.01	-0.01	-0.01	0.02	0.02	0.00	-0.93	-0.92	0.03	0.03	-0.02	0.00	0.63
192	-1.70	-0.08	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.62	0.62	-0.18	-0.18	0.01	0.00	-1.02
193	-1.45	-0.07	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.84	0.83	-0.17	-0.17	0.01	0.00	-0.87
194	-1.82	-0.08	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.33	0.32	-0.18	-0.18	0.00	0.00	-1.09
195	-1.80	-0.07	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.00	0.00	-0.16	-0.16	0.00	0.00	-1.08
196	-1.07	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.94	0.93	-0.13	-0.13	0.01	0.00	-0.64
197	-0.58	-0.03	0.00	-0.01	-0.01	-0.01	-0.03	0.00	0.87	0.86	-0.08	-0.08	0.01	0.00	-0.35
198	-1.66	-0.07	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.33	-0.33	-0.14	-0.14	-0.01	0.00	-1.00
199	-0.07	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.60	0.59	-0.02	-0.02	0.01	0.00	-0.04
200	0.34	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.17	0.16	0.04	0.05	0.00	0.00	0.20
201	0.57	0.03	0.00	0.01	0.01	0.00	0.02	0.00	-0.34	-0.36	0.08	0.09	0.00	0.00	0.35
202	-1.42	-0.06	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.64	-0.64	-0.10	-0.10	-0.01	0.00	-0.85
203	-1.11	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.91	-0.90	-0.07	-0.07	-0.01	0.00	-0.67
204	-0.74	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.10	-1.10	-0.04	-0.04	-0.02	0.00	-0.44
205	-0.26	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.19	-1.18	-0.01	-0.01	-0.02	0.00	-0.16
206	0.31	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.15	-1.15	0.01	0.01	-0.02	0.00	0.19
207	1.90	0.05	0.02	-0.03	-0.02	0.04	0.03	0.00	-0.51	-0.49	0.05	0.05	-0.01	0.00	1.14
208	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	0.95	0.02	0.01	-0.01	-0.01	0.02	0.02	0.00	-0.97	-0.96	0.02	0.01	-0.02	0.00	0.57
210	-1.62	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.62	0.62	-0.16	-0.16	0.01	0.00	-0.97
211	-1.38	-0.06	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.84	0.84	-0.15	-0.15	0.01	0.00	-0.83
212	-1.05	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.96	0.95	-0.13	-0.13	0.01	0.00	-0.63
213	-1.74	-0.07	-0.02	0.00	-0.01	-0.03	-0.06	0.00	0.33	0.33	-0.16	-0.16	0.01	0.00	-1.04
214	-1.73	-0.07	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	-0.14	-0.14	0.00	0.00	-1.04
215	-0.60	-0.03	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.91	0.90	-0.08	-0.08	0.01	0.00	-0.36
216	-0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.66	0.64	-0.02	-0.02	0.01	0.00	-0.03
217	-1.60	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.33	-0.33	-0.12	-0.12	-0.01	0.00	-0.96
218	0.47	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.19	0.18	0.05	0.05	0.00	0.00	0.28
219	0.86	0.04	0.00	0.01	0.01	0.01	0.03	0.00	-0.42	-0.43	0.11	0.12	0.00	0.00	0.52
220	-1.39	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.65	-0.65	-0.09	-0.09	-0.01	0.00	-0.83
221	-1.10	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.92	-0.92	-0.06	-0.06	-0.01	0.00	-0.66
222	-0.72	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.11	-1.11	-0.03	-0.03	-0.02	0.00	-0.43
223	-0.27	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.21	-1.21	-0.01	-0.01	-0.02	0.00	-0.16
224	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.19	-1.18	0.00	0.00	-0.02	0.00	0.15
225	1.83	0.05	0.02	-0.02	-0.02	0.04	0.03	0.00	-0.56	-0.55	0.03	0.03	-0.01	0.00	1.10
226	0.78	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	-1.01	-1.00	0.01	0.01	-0.02	0.00	0.47
227	-1.28	-0.06	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.85	0.85	-0.13	-0.13	0.01	0.00	-0.77
228	-1.54	-0.07	-0.02	-0.01	-0.01	-0.02	-0.05	0.00	0.63	0.62	-0.14	-0.14	0.01	0.00	-0.92
229	-0.95	-0.05	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	0.98	0.97	-0.11	-0.11	0.02	0.00	-0.57
230	-0.55	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.95	0.94	-0.08	-0.08	0.01	0.00	-0.33
231	-1.67	-0.07	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.33	0.33	-0.14	-0.14	0.01	0.00	-1.00
232	-1.67	-0.07	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	-0.12	-0.12	0.00	0.00	-1.00
233	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.72	0.70	-0.02	-0.02	0.01	0.00	-0.01
234	0.59	0.02	0.00	0.00	0.00	0.01	0.02	0.00	0.26	0.24	0.05	0.05	0.00	0.00	0.36
235	-1.56	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.34	-0.34	-0.10	-0.10	-0.01	0.00	-0.93
236	1.12	0.05	0.01	0.01	0.01	0.01	0.04	0.00	-0.44	-0.46	0.14	0.14	0.00	0.00	0.67
237	-1.35	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.66	-0.66	-0.08	-0.08	-0.01	0.00	-0.81
238	-1.07	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.93	-0.93	-0.05	-0.05	-0.01	0.00	-0.64
239	-0.70	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.14	-1.13	-0.03	-0.03	-0.02	0.00	-0.42
240	-0.27	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.24	-1.24	-0.01	-0.01	-0.02	0.00	-0.16
241	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.22	-1.21	0.00	0.00	-0.02	0.00	0.11
242	1.68	0.04	0.02	-0.02	-0.02	0.03	0.03	0.00	-0.59	-0.58	0.02	0.02	-0.01	0.00	1.01
243	0.57	0.01	0.00	-0.01	-0.01	0.01	0.01	0.00	-1.05	-1.04	0.01	0.01	-0.02	0.00	0.35
244	-1.20	-0.06	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.86	0.86	-0.11	-0.11	0.01	0.00	-0.72
245	-0.81	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.99	0.98	-0.09	-0.09	0.02	0.00	-0.49
246	-1.48	-0.07	-0.02	-0.01	-0.01	-0.02	-0.05	0.00	0.63	0.63	-0.12	-0.12	0.01	0.00	-0.89
247	-0.43	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.99	0.97	-0.06	-0.06	0.02	0.00	-0.26
248	0.03	0.00	0.00	-0.01	-0.01	0									

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
250	-1.62	-0.07	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	-0.10	-0.10	0.00	0.00	-0.97
251	0.69	0.03	0.01	0.00	0.00	0.01	0.02	0.00	0.35	0.33	0.04	0.05	0.01	0.00	0.41
252	1.35	0.06	0.01	0.01	0.02	0.02	0.05	0.00	-0.35	-0.38	0.13	0.13	0.00	0.00	0.81
253	-1.51	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.34	-0.34	-0.08	-0.08	-0.01	0.00	-0.91
254	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255	-1.31	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.67	-0.67	-0.06	-0.06	-0.01	0.00	-0.79
256	-1.02	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.95	-0.95	-0.04	-0.04	-0.01	0.00	-0.61
257	-0.65	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.16	-1.16	-0.02	-0.03	-0.02	0.00	-0.39
258	-0.20	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.28	-1.28	-0.01	-0.01	-0.02	0.00	-0.12
259	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	-1.28	0.00	0.00	-0.02	0.00	0.20
260	1.41	0.03	0.02	-0.02	-0.02	0.03	0.02	0.00	-0.60	-0.59	0.01	0.01	-0.01	0.00	0.85
261	0.80	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	-1.14	-1.12	0.02	0.02	-0.02	0.00	0.48
262	-1.15	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.88	0.87	-0.09	-0.09	0.01	0.00	-0.69
263	-0.70	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.01	1.01	-0.07	-0.07	0.02	0.00	-0.42
264	-0.22	-0.02	0.00	-0.01	-0.01	0.00	-0.01	0.00	1.01	1.00	-0.04	-0.04	0.02	0.00	-0.13
265	-1.44	-0.07	-0.02	-0.01	-0.01	-0.02	-0.05	0.00	0.64	0.64	-0.10	-0.10	0.01	0.00	-0.86
266	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.84	-0.01	-0.01	0.01	0.00	0.09
267	0.74	0.03	0.01	0.00	0.00	0.01	0.02	0.00	0.45	0.42	0.04	0.05	0.01	0.00	0.44
268	-1.57	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.34	0.34	-0.10	-0.10	0.01	0.00	-0.94
269	-1.57	-0.07	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	-0.09	-0.09	0.00	0.00	-0.94
270	1.52	0.07	0.01	0.01	0.02	0.02	0.05	0.00	-0.21	-0.24	0.11	0.12	0.00	0.00	0.91
271	-1.45	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.35	-0.35	-0.07	-0.07	-0.01	0.00	-0.87
272	-1.24	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.68	-0.68	-0.05	-0.05	-0.01	0.00	-0.75
273	-0.94	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.97	-0.97	-0.03	-0.03	-0.02	0.00	-0.56
274	-0.52	-0.02	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.20	-1.20	-0.02	-0.02	-0.02	0.00	-0.31
275	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.36	-1.35	-0.01	-0.01	-0.02	0.00	0.05
276	1.12	0.03	0.01	-0.01	-0.01	0.02	0.02	0.00	-1.41	-1.40	0.01	0.00	-0.03	0.00	0.67
277	0.90	0.02	0.01	-0.02	-0.01	0.02	0.01	0.00	-0.58	-0.58	0.00	0.00	-0.01	0.00	0.54
278	4.82	0.14	0.07	-0.05	-0.04	0.10	0.11	0.00	-1.27	-1.27	0.00	0.00	-0.03	0.00	2.89
279	-1.14	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.89	0.89	-0.08	-0.08	0.01	0.00	-0.68
280	-0.69	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.03	1.03	-0.06	-0.06	0.02	0.00	-0.41
281	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.03	-0.02	-0.01	0.02	0.00	-0.01
282	0.42	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.89	0.87	0.02	0.02	0.02	0.00	0.25
283	-1.41	-0.06	-0.02	-0.01	-0.01	-0.02	-0.05	0.00	0.65	0.65	-0.09	-0.09	0.01	0.00	-0.85
284	0.77	0.03	0.01	0.00	0.00	0.01	0.02	0.00	0.55	0.53	0.05	0.05	0.01	0.00	0.46
285	1.62	0.08	0.01	0.01	0.02	0.02	0.06	0.00	-0.11	-0.14	0.12	0.12	0.00	0.00	0.97
286	-1.52	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.34	0.34	-0.08	-0.08	0.01	0.00	-0.91
287	-1.51	-0.06	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	-0.07	-0.07	0.00	0.00	-0.90
288	-1.38	-0.06	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.35	-0.35	-0.06	-0.06	-0.01	0.00	-0.83
289	-1.15	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.70	-0.69	-0.04	-0.04	-0.01	0.00	-0.69
290	-0.80	-0.03	-0.01	0.00	0.00	-0.02	-0.03	0.00	-1.01	-1.00	-0.03	-0.03	-0.02	0.00	-0.48
291	-0.27	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.26	-1.26	-0.01	-0.01	-0.02	0.00	-0.16
292	0.67	0.02	0.00	-0.01	-0.01	0.01	0.01	0.00	-1.47	-1.46	0.00	0.00	-0.03	0.00	0.40
293	3.20	0.10	0.04	-0.03	-0.02	0.06	0.07	0.00	-1.85	-1.85	0.00	0.00	-0.04	0.00	1.92
294	-0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	-0.50	-0.50	0.00	0.00	-0.01	0.00	-0.03
295	0.80	0.02	0.01	-0.01	-0.01	0.01	0.02	0.00	-1.12	-1.14	-0.02	-0.02	-0.02	0.00	0.48
296	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
297	-1.14	-0.06	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.90	0.90	-0.07	-0.07	0.01	0.00	-0.68
298	-0.73	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.06	1.06	-0.05	-0.05	0.02	0.00	-0.44
299	-0.10	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	1.08	1.07	-0.01	-0.01	0.02	0.00	-0.06
300	0.98	0.04	0.01	0.00	0.01	0.01	0.03	0.00	0.91	0.89	0.06	0.06	0.02	0.00	0.59
301	0.91	0.04	0.01	0.00	0.01	0.01	0.03	0.00	0.64	0.62	0.06	0.06	0.01	0.00	0.54
302	-1.37	-0.06	-0.02	-0.01	-0.01	-0.02	-0.05	0.00	0.66	0.66	-0.08	-0.08	0.01	0.00	-0.83
303	1.64	0.08	0.01	0.01	0.02	0.02	0.06	0.00	0.01	-0.02	0.12	0.12	0.00	0.00	0.99
304	-1.46	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.35	0.35	-0.07	-0.07	0.01	0.00	-0.88
305	-1.43	-0.06	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	-0.06	-0.06	0.00	0.00	-0.86
306	-1.28	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.36	-0.36	-0.05	-0.05	-0.01	0.00	-0.77
307	-1.02	-0.04	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.72	-0.72	-0.03	-0.03	-0.01	0.00	-0.61
308	-0.60	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.05	-1.05	-0.02	-0.02	-0.02	0.00	-0.36
309	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-1.33	-0.01	-0.01	-0.02	0.00	0.05
310	1.31	0.04	0.01	-0.01	-0.01	0.02	0.03	0.00	-1.62	-1.62	0.00	0.00	-0.03	0.00	0.79
311	1.12	0.03	0.01	-0.01	-0.01	0.02	0.02	0.00	-1.40	-1.41	-0.01	0.00	-0.03	0.00	0.67
312	0.90	0.02	0.01	-0.01	-0.01	0.02	0.01	0.00	-0.58	-0.58	0.00	0.00	-0.01	0.00	0.54
313	0.57	0.02	0.00	-0.01	0.00	0.01	0.01	0.00	-1.04	-1.05	-0.01	-0.01	-0.02	0.00	0.35
314	-1.12	-0.06	-0.01	-0.01											

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
333	-0.29	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.00	1.15	1.14	-0.01	-0.01	0.02	0.00	-0.17
334	0.33	0.01	0.00	0.00	0.00	0.01	0.01	0.00	1.04	1.04	0.02	0.02	0.02	0.00	0.20
335	0.92	0.05	0.02	0.01	0.01	0.02	0.04	0.00	0.84	0.83	0.06	0.06	0.02	0.00	0.55
336	1.05	0.05	0.00	0.01	0.01	0.01	0.03	0.00	0.08	0.07	0.07	0.07	0.00	0.00	1.26
337	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.32	-0.01	-0.01	0.01	0.00	-0.03
338	-1.26	-0.06	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.68	0.68	-0.05	-0.05	0.01	0.00	-0.76
339	-1.29	-0.06	-0.02	-0.01	-0.01	-0.02	-0.05	0.00	0.36	0.36	-0.05	-0.05	0.01	0.00	-0.77
340	-1.21	-0.05	-0.02	0.00	-0.01	-0.02	-0.04	0.00	0.00	0.00	-0.04	-0.04	0.00	0.00	-0.73
341	-1.04	-0.04	-0.02	0.00	0.00	-0.02	-0.04	0.00	-0.38	-0.38	-0.02	-0.02	-0.01	0.00	-0.62
342	-0.74	-0.03	-0.01	0.00	0.00	-0.02	-0.03	0.00	-0.77	-0.76	-0.01	-0.01	-0.01	0.00	-0.45
343	-0.32	-0.02	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.11	-1.11	0.00	0.00	-0.02	0.00	-0.19
344	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.33	-1.34	0.01	0.01	-0.02	0.00	0.05
345	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.35	-1.36	0.01	0.01	-0.02	0.00	0.05
346	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.21	-1.22	0.00	0.00	-0.02	0.00	0.11
347	1.68	0.05	0.02	-0.02	-0.01	0.03	0.04	0.00	-0.58	-0.59	-0.02	-0.02	-0.01	0.00	1.01
348	0.95	0.03	0.01	-0.01	-0.01	0.02	0.02	0.00	-0.96	-0.97	-0.02	-0.01	-0.02	0.00	0.57
349	-0.75	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.11	1.11	-0.03	-0.03	0.02	0.00	-0.45
350	-0.29	-0.02	0.00	-0.01	-0.01	-0.01	-0.02	0.00	1.17	1.16	-0.01	-0.01	0.02	0.00	-0.17
351	-1.05	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.95	0.95	-0.04	-0.04	0.01	0.00	-0.63
352	0.29	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.07	1.07	0.02	0.02	0.02	0.00	0.17
353	0.88	0.03	0.01	0.00	0.00	0.01	0.03	0.00	0.82	0.81	0.06	0.06	0.02	0.00	0.53
354	1.60	0.07	0.01	0.01	0.01	0.02	0.05	0.00	0.31	0.30	0.11	0.11	0.01	0.00	0.96
355	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.34	-0.01	-0.01	0.01	0.00	-0.03
356	-1.17	-0.06	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.70	0.69	-0.04	-0.04	0.01	0.00	-0.70
357	-1.17	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.37	0.37	-0.03	-0.03	0.01	0.00	-0.70
358	-1.10	-0.05	-0.02	0.00	-0.01	-0.02	-0.04	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00	-0.66
359	-0.94	-0.04	-0.01	0.00	0.00	-0.02	-0.03	0.00	-0.39	-0.39	-0.01	-0.01	-0.01	0.00	-0.57
360	-0.69	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-0.77	-0.77	0.00	0.00	-0.01	0.00	-0.42
361	-0.40	-0.02	-0.01	0.00	0.00	-0.01	-0.02	0.00	-1.09	-1.09	0.01	0.01	-0.02	0.00	-0.24
362	-0.27	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.26	-1.26	0.01	0.01	-0.02	0.00	-0.16
363	-0.20	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.28	-1.28	0.01	0.01	-0.02	0.00	-0.12
364	0.25	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-1.18	-1.19	0.00	0.00	-0.02	0.00	0.15
365	1.83	0.05	0.02	-0.02	-0.01	0.04	0.04	0.00	-0.55	-0.56	-0.03	-0.03	-0.01	0.00	1.10
366	1.04	0.03	0.01	-0.01	-0.01	0.02	0.03	0.00	-0.92	-0.93	-0.03	-0.03	-0.02	0.00	0.63
367	-0.29	-0.02	0.00	-0.01	-0.01	-0.01	-0.02	0.00	1.19	1.18	-0.01	-0.01	0.02	0.00	-0.17
368	-0.73	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.14	1.13	-0.03	-0.03	0.02	0.00	-0.44
369	0.31	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.09	1.09	0.02	0.02	0.02	0.00	0.19
370	-0.96	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.97	0.97	-0.04	-0.03	0.02	0.00	-0.58
371	0.99	0.04	0.01	0.00	0.00	0.01	0.03	0.00	0.83	0.82	0.06	0.06	0.02	0.00	0.60
372	1.82	0.08	0.01	0.01	0.01	0.02	0.06	0.00	0.33	0.32	0.12	0.12	0.01	0.00	1.09
373	-1.04	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.72	0.72	-0.03	-0.03	0.01	0.00	-0.62
374	-1.05	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.39	0.38	-0.02	-0.02	0.01	0.00	-0.63
375	-1.01	-0.05	-0.01	0.00	-0.01	-0.02	-0.04	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	-0.61
376	-0.91	-0.04	-0.01	0.00	0.00	-0.02	-0.03	0.00	-0.40	-0.40	0.00	0.00	-0.01	0.00	-0.54
377	-0.74	-0.03	-0.01	0.00	0.00	-0.02	-0.03	0.00	-0.76	-0.77	0.01	0.01	-0.01	0.00	-0.45
378	-0.60	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.04	-1.05	0.02	0.02	-0.02	0.00	-0.36
379	-0.52	-0.02	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.20	-1.20	0.02	0.02	-0.02	0.00	-0.31
380	-0.27	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.24	-1.24	0.01	0.01	-0.02	0.00	-0.16
381	0.31	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-1.15	-1.15	-0.01	-0.01	-0.02	0.00	0.19
382	1.90	0.06	0.03	-0.02	-0.01	0.04	0.04	0.00	-0.49	-0.51	-0.05	-0.05	-0.01	0.00	1.14
383	1.08	0.03	0.01	-0.01	-0.01	0.02	0.03	0.00	-0.88	-0.88	-0.05	-0.05	-0.02	0.00	0.65
384	-0.30	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.00	1.21	1.21	-0.01	-0.01	0.02	0.00	-0.18
385	0.32	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.12	1.12	0.02	0.02	0.02	0.00	0.19
386	-0.68	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.16	1.16	-0.03	-0.02	0.02	0.00	-0.41
387	1.06	0.04	0.01	0.00	0.00	0.01	0.03	0.00	0.85	0.84	0.06	0.07	0.02	0.00	0.64
388	-0.82	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.01	1.00	-0.03	-0.03	0.02	0.00	-0.50
389	1.92	0.08	0.01	0.01	0.02	0.02	0.07	0.00	0.36	0.35	0.12	0.12	0.01	0.00	1.15
390	-0.89	-0.04	-0.01	-0.01	-0.01	-0.02	-0.03	0.00	0.74	0.74	-0.02	-0.02	0.01	0.00	-0.53
391	-0.95	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.40	0.39	-0.01	-0.01	0.01	0.00	-0.57
392	-0.98	-0.04	-0.01	0.00	-0.01	-0.02	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59
393	-0.94	-0.04	-0.01	0.00	0.00	-0.02	-0.03	0.00	-0.39	-0.39	0.01	0.01	-0.01	0.00	-0.57
394	-0.87	-0.04	-0.01	0.00	0.00	-0.02	-0.03	0.00	-0.74	-0.74	0.02	0.02	-0.01	0.00	-0.52
395	-0.80	-0.03	-0.01	0.00	0.00	-0.02	-0.03	0.00	-1.00	-1.00	0.03	0.03	-0.02	0.00	-0.48
396	-0.65	-0.02	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.16	-1.16	0.02	0.03	-0.02	0.00	-0.39
397	-0.27	-0.01	-0.01	0.00											

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
416	0.33	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-1.09	-1.09	-0.02	-0.02	-0.02	0.00	0.20
417	1.93	0.06	0.03	-0.02	-0.02	0.04	0.04	0.00	-0.38	-0.39	-0.12	-0.12	-0.01	0.00	1.16
418	0.99	0.03	0.01	-0.01	-0.01	0.02	0.02	0.00	-0.82	-0.83	-0.06	-0.06	-0.02	0.00	0.60
419	1.04	0.04	0.01	0.00	0.00	0.01	0.03	0.00	0.93	0.92	0.03	0.03	0.02	0.00	0.63
420	0.22	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.19	1.18	0.00	0.00	0.02	0.00	0.13
421	-0.23	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.00	1.28	1.28	-0.01	-0.01	0.02	0.00	-0.14
422	1.95	0.09	0.01	0.01	0.02	0.02	0.07	0.00	0.42	0.42	0.10	0.10	0.01	0.00	1.17
423	-0.29	-0.02	0.00	-0.01	-0.01	-0.01	-0.02	0.00	1.27	1.26	-0.01	-0.01	0.02	0.00	-0.17
424	-0.42	-0.03	-0.01	-0.01	-0.01	-0.01	-0.02	0.00	1.09	1.09	-0.01	-0.01	0.02	0.00	-0.25
425	-0.71	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.77	0.77	0.00	0.00	0.01	0.00	-0.43
426	-0.95	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.39	0.40	0.01	0.01	0.01	0.00	-0.57
427	-1.10	-0.05	-0.02	0.00	-0.01	-0.02	-0.04	0.00	0.00	0.00	0.02	0.02	0.00	0.00	-0.66
428	-1.16	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.37	-0.37	0.03	0.03	-0.01	0.00	-0.70
429	-1.15	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.69	-0.70	0.04	0.04	-0.01	0.00	-0.69
430	-1.02	-0.04	-0.02	0.00	0.00	-0.03	-0.03	0.00	-0.95	-0.95	0.04	0.04	-0.01	0.00	-0.61
431	-0.72	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.11	-1.11	0.03	0.03	-0.02	0.00	-0.43
432	-0.26	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.16	-1.17	0.01	0.01	-0.02	0.00	-0.16
433	0.31	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-1.07	-1.07	-0.02	-0.02	-0.02	0.00	0.18
434	1.89	0.06	0.02	-0.02	-0.01	0.04	0.04	0.00	-0.35	-0.36	-0.12	-0.12	-0.01	0.00	1.14
435	0.89	0.03	0.01	-0.01	0.00	0.02	0.02	0.00	-0.81	-0.82	-0.06	-0.06	-0.02	0.00	0.53
436	1.93	0.08	0.01	0.01	0.02	0.03	0.07	0.00	0.51	0.49	0.05	0.05	0.01	0.00	1.16
437	0.95	0.04	0.01	0.00	0.00	0.01	0.03	0.00	0.97	0.96	0.01	0.01	0.02	0.00	0.57
438	0.16	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.22	1.21	0.00	0.00	0.02	0.00	0.10
439	0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	1.36	1.35	-0.01	-0.01	0.02	0.00	0.03
440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
441	0.06	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	1.34	1.33	-0.01	-0.01	0.02	0.00	0.04
442	-0.34	-0.02	0.00	-0.01	-0.01	-0.01	-0.02	0.00	1.11	1.11	0.00	0.00	0.02	0.00	-0.20
443	-0.76	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.77	0.77	0.01	0.01	0.01	0.00	-0.46
444	-1.05	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.39	0.39	0.02	0.02	0.01	0.00	-0.63
445	-1.21	-0.05	-0.02	0.00	-0.01	-0.03	-0.04	0.00	0.00	0.00	0.04	0.04	0.00	0.00	-0.73
446	-1.28	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.36	-0.36	0.05	0.05	-0.01	0.00	-0.77
447	-1.24	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.68	-0.68	0.05	0.05	-0.01	0.00	-0.75
448	-1.07	-0.04	-0.02	0.00	0.00	-0.03	-0.03	0.00	-0.93	-0.93	0.05	0.05	-0.01	0.00	-0.64
449	-0.74	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.09	-1.10	0.04	0.04	-0.02	0.00	-0.44
450	-0.26	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.14	-1.14	0.01	0.01	-0.02	0.00	-0.16
451	0.35	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-1.04	-1.04	-0.02	-0.02	-0.02	0.00	0.21
452	1.79	0.05	0.02	-0.02	-0.01	0.04	0.04	0.00	-0.32	-0.33	-0.12	-0.12	-0.01	0.00	1.08
453	0.92	0.04	0.02	0.01	0.01	0.03	0.03	0.00	-0.83	-0.84	-0.06	-0.06	-0.02	0.00	0.55
454	1.85	0.08	0.01	0.01	0.01	0.03	0.06	0.00	0.56	0.55	0.03	0.03	0.01	0.00	1.11
455	0.78	0.03	0.01	0.00	0.00	0.01	0.02	0.00	1.01	1.00	0.01	0.01	0.02	0.00	0.47
456	0.32	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.29	1.28	0.00	0.00	0.02	0.00	0.19
457	0.65	0.02	0.01	0.00	0.00	0.01	0.02	0.00	1.47	1.46	0.00	0.00	0.03	0.00	0.39
458	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.39	0.00	0.00	0.02	0.00	0.16
459	-0.42	-0.03	-0.01	-0.01	-0.01	-0.01	-0.02	0.00	1.09	1.09	0.01	0.01	0.02	0.00	-0.25
460	-0.89	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.74	0.74	0.02	0.02	0.01	0.00	-0.53
461	-1.17	-0.06	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.37	0.37	0.03	0.03	0.01	0.00	-0.70
462	-1.33	-0.06	-0.02	0.00	-0.01	-0.03	-0.05	0.00	0.00	0.00	0.05	0.05	0.00	0.00	-0.80
463	-1.38	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.35	-0.35	0.06	0.06	-0.01	0.00	-0.83
464	-1.31	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.66	-0.67	0.06	0.06	-0.01	0.00	-0.79
465	-1.10	-0.04	-0.02	0.00	0.00	-0.03	-0.03	0.00	-0.92	-0.92	0.06	0.06	-0.01	0.00	-0.66
466	-0.73	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.08	-1.08	0.04	0.05	-0.02	0.00	-0.44
467	-0.20	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.11	-1.12	0.02	0.02	-0.02	0.00	-0.12
468	0.59	0.02	0.01	0.00	0.00	0.01	0.02	0.00	-0.97	-0.98	-0.04	-0.03	-0.02	0.00	0.35
469	1.57	0.05	0.02	-0.02	-0.01	0.03	0.04	0.00	-0.30	-0.31	-0.11	-0.11	-0.01	0.00	0.95
470	1.93	0.06	0.03	-0.01	-0.01	0.04	0.05	0.00	-0.42	-0.44	-0.14	-0.14	-0.01	0.00	1.51
471	2.07	0.06	0.03	-0.02	-0.02	0.04	0.05	0.00	0.00	-0.01	-0.15	-0.14	-0.01	0.00	1.24
472	1.71	0.07	0.01	0.01	0.01	0.02	0.06	0.00	0.59	0.58	0.02	0.02	0.01	0.00	1.02
473	0.57	0.02	0.00	0.00	0.00	0.01	0.01	0.00	1.05	1.04	0.01	0.01	0.02	0.00	0.34
474	1.11	0.04	0.01	0.00	0.00	0.02	0.03	0.00	1.41	1.40	0.00	0.00	0.03	0.00	0.67
475	1.30	0.05	0.01	0.00	0.01	0.02	0.04	0.00	1.62	1.62	0.00	0.00	0.03	0.00	0.78
476	0.06	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	1.34	1.34	0.01	0.01	0.02	0.00	0.04
477	-0.63	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.05	1.05	0.02	0.02	0.02	0.00	-0.38
478	-1.04	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.72	0.72	0.03	0.03	0.01	0.00	-0.62
479	-1.29	-0.06	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.36	0.36	0.05	0.05	0.01	0.00	-0.77
480	-1.43	-0.06	-0.02	0.00											

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
499	-1.51	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.00	0.00	0.07	0.07	0.00	0.00	-0.90
500	-1.51	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.34	-0.34	0.08	0.08	-0.01	0.00	-0.91
501	-1.39	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.65	-0.65	0.09	0.09	-0.01	0.00	-0.83
502	-1.12	-0.04	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.89	-0.89	0.08	0.08	-0.01	0.00	-0.67
503	-0.66	-0.02	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.03	-1.03	0.06	0.06	-0.02	0.00	-0.40
504	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-1.04	0.01	0.02	-0.02	0.00	0.00
505	0.43	0.02	0.00	0.00	0.00	0.01	0.01	0.00	-0.87	-0.89	-0.02	-0.02	-0.02	0.00	0.26
506	0.77	0.03	0.01	0.00	0.00	0.01	0.02	0.00	-0.53	-0.55	-0.05	-0.05	-0.01	0.00	0.46
507	1.61	0.05	0.02	-0.01	-0.01	0.04	0.04	0.00	0.02	-0.01	-0.12	-0.12	0.00	0.00	0.97
508	0.92	0.04	0.00	0.01	0.01	0.01	0.03	0.00	0.58	0.58	0.00	0.00	0.01	0.00	0.55
509	4.89	0.23	0.04	0.04	0.05	0.07	0.18	0.00	1.27	1.27	0.00	0.00	0.03	0.00	2.94
510	1.11	0.04	0.01	0.00	0.00	0.02	0.03	0.00	1.40	1.41	0.00	0.00	0.03	0.00	0.67
511	0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	1.35	1.36	0.01	0.01	0.02	0.00	0.03
512	-0.55	-0.03	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.20	1.20	0.02	0.02	0.02	0.00	-0.33
513	-0.96	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.97	0.97	0.04	0.03	0.02	0.00	-0.58
514	-1.26	-0.06	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.68	0.68	0.05	0.05	0.01	0.00	-0.76
515	-1.46	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.35	0.35	0.07	0.07	0.01	0.00	-0.88
516	-1.57	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.00	0.00	0.09	0.09	0.00	0.00	-0.94
517	-1.56	-0.07	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.34	-0.34	0.10	0.10	-0.01	0.00	-0.94
518	-1.42	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.64	-0.64	0.10	0.10	-0.01	0.00	-0.85
519	-1.13	-0.04	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.87	-0.88	0.09	0.09	-0.01	0.00	-0.68
520	-0.68	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-1.00	-1.01	0.07	0.07	-0.02	0.00	-0.41
521	-0.20	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-1.00	-1.01	0.04	0.04	-0.02	0.00	-0.12
522	0.16	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.84	-0.85	0.01	0.01	-0.01	0.00	0.09
523	0.74	0.03	0.01	0.00	0.00	0.01	0.02	0.00	-0.42	-0.45	-0.05	-0.04	-0.01	0.00	0.44
524	1.59	0.06	0.02	-0.01	-0.01	0.04	0.05	0.00	0.14	0.11	-0.12	-0.12	0.00	0.00	0.95
525	-0.05	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.50	0.50	0.00	0.00	0.01	0.00	-0.03
526	0.79	0.03	0.01	0.00	0.00	0.01	0.02	0.00	1.12	1.14	-0.02	-0.02	0.02	0.00	0.48
527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
528	0.32	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.28	1.29	0.00	0.00	0.02	0.00	0.19
529	-0.23	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.00	1.28	1.28	0.01	0.01	0.02	0.00	-0.14
530	-0.68	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.16	1.16	0.03	0.02	0.02	0.00	-0.41
531	-1.05	-0.06	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.95	0.95	0.04	0.04	0.01	0.00	-0.63
532	-1.33	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.67	0.67	0.06	0.06	0.01	0.00	-0.80
533	-1.52	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.34	0.34	0.08	0.08	0.01	0.00	-0.91
534	-1.62	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.00	0.00	0.10	0.10	0.00	0.00	-0.97
535	-1.60	-0.07	-0.02	0.00	-0.01	-0.04	-0.06	0.00	-0.33	-0.33	0.12	0.12	-0.01	0.00	-0.96
536	-1.46	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.63	-0.63	0.12	0.12	-0.01	0.00	-0.88
537	-1.17	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.86	-0.86	0.11	0.11	-0.01	0.00	-0.70
538	-0.78	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-0.98	-0.99	0.09	0.09	-0.02	0.00	-0.47
539	-0.41	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	-0.97	-0.98	0.06	0.06	-0.02	0.00	-0.24
540	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.77	-0.79	0.02	0.02	-0.01	0.00	0.03
541	0.69	0.03	0.01	0.00	0.00	0.01	0.02	0.00	-0.33	-0.35	-0.05	-0.04	-0.01	0.00	0.41
542	1.49	0.05	0.02	-0.01	-0.01	0.03	0.04	0.00	0.24	0.21	-0.12	-0.11	0.00	0.00	0.89
543	0.92	0.04	0.00	0.01	0.01	0.01	0.03	0.00	0.58	0.58	0.00	0.00	0.01	0.00	0.55
544	0.57	0.02	0.00	0.00	0.00	0.01	0.02	0.00	1.04	1.05	-0.01	-0.01	0.02	0.00	0.34
545	0.16	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.21	1.22	0.00	0.00	0.02	0.00	0.10
546	-0.30	-0.02	0.00	-0.01	-0.01	-0.01	-0.02	0.00	1.24	1.24	0.01	0.01	0.02	0.00	-0.18
547	-0.73	-0.04	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	1.13	1.14	0.03	0.03	0.02	0.00	-0.44
548	-1.10	-0.06	-0.01	-0.01	-0.02	-0.02	-0.05	0.00	0.93	0.93	0.05	0.05	0.01	0.00	-0.66
549	-1.37	-0.07	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.66	0.66	0.08	0.08	0.01	0.00	-0.83
550	-1.57	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.34	0.34	0.10	0.10	0.01	0.00	-0.94
551	-1.67	-0.07	-0.02	-0.01	-0.01	-0.04	-0.06	0.00	0.00	0.00	0.12	0.12	0.00	0.00	-1.00
552	-1.66	-0.07	-0.02	0.00	-0.01	-0.04	-0.06	0.00	-0.33	-0.33	0.14	0.14	-0.01	0.00	-1.00
553	-1.52	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.62	-0.62	0.14	0.14	-0.01	0.00	-0.91
554	-1.26	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.85	-0.85	0.13	0.13	-0.01	0.00	-0.75
555	-0.92	-0.03	-0.02	0.00	0.00	-0.02	-0.03	0.00	-0.97	-0.98	0.11	0.11	-0.02	0.00	-0.55
556	-0.53	-0.02	-0.01	0.01	0.00	-0.02	-0.01	0.00	-0.94	-0.95	0.08	0.08	-0.01	0.00	-0.32
557	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	-0.72	0.02	0.02	-0.01	0.00	0.00
558	0.59	0.02	0.01	0.00	0.00	0.01	0.02	0.00	-0.24	-0.26	-0.05	-0.05	0.00	0.00	0.36
559	1.32	0.05	0.02	-0.01	-0.01	0.03	0.04	0.00	0.37	0.35	-0.13	-0.13	0.00	0.00	0.79
560	1.43	0.06	0.01	0.01	0.01	0.02	0.05	0.00	0.59	0.60	-0.01	-0.01	0.01	0.00	0.86
561	0.78	0.03	0.01	0.00	0.00	0.01	0.02	0.00	1.00	1.01	-0.01	-0.01	0.02	0.00	0.47
562	0.22	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.18	1.19	0.00	0.00	0.02	0.00	0.13
563	-0.30	-0.02	0.00	-0.01											

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
582	-0.77	-0.04	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	1.10	1.10	0.04	0.04	0.02	0.00	-0.46
583	-1.14	-0.06	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.90	0.91	0.07	0.07	0.01	0.00	-0.68
584	-1.44	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.64	0.64	0.10	0.10	0.01	0.00	-0.86
585	-1.67	-0.08	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.33	0.33	0.14	0.14	0.01	0.00	-1.00
586	-1.80	-0.08	-0.02	-0.01	-0.01	-0.04	-0.07	0.00	0.00	0.00	0.16	0.16	0.00	0.00	-1.08
587	-1.81	-0.08	-0.02	0.00	-0.01	-0.04	-0.06	0.00	-0.32	-0.32	0.18	0.18	0.00	0.00	-1.09
588	-1.68	-0.07	-0.02	0.00	0.00	-0.04	-0.06	0.00	-0.61	-0.62	0.18	0.18	-0.01	0.00	-1.01
589	-1.42	-0.06	-0.02	0.00	0.00	-0.04	-0.05	0.00	-0.83	-0.84	0.17	0.17	-0.01	0.00	-0.85
590	-1.04	-0.04	-0.02	0.01	0.00	-0.03	-0.03	0.00	-0.93	-0.94	0.13	0.13	-0.01	0.00	-0.62
591	-0.55	-0.02	-0.01	0.01	0.01	-0.02	-0.01	0.00	-0.86	-0.87	0.08	0.08	-0.01	0.00	-0.33
592	-0.05	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	-0.59	-0.60	0.02	0.02	-0.01	0.00	-0.03
593	0.34	0.01	0.00	0.00	0.00	0.01	0.01	0.00	-0.16	-0.17	-0.05	-0.04	0.00	0.00	0.21
594	0.84	0.03	0.01	-0.01	-0.01	0.02	0.02	0.00	0.43	0.42	-0.12	-0.12	0.00	0.00	0.50
595	1.85	0.08	0.01	0.01	0.02	0.03	0.07	0.00	0.55	0.56	-0.03	-0.03	0.01	0.00	1.11
596	1.04	0.04	0.01	0.00	0.00	0.02	0.03	0.00	0.92	0.93	-0.03	-0.03	0.02	0.00	0.63
597	0.32	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.12	1.12	-0.02	-0.02	0.02	0.00	0.19
598	-0.29	-0.02	0.00	-0.01	-0.01	-0.01	-0.02	0.00	1.16	1.17	0.01	0.01	0.02	0.00	-0.18
599	-0.76	-0.04	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	1.08	1.08	0.04	0.04	0.02	0.00	-0.46
600	-1.14	-0.06	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.89	0.89	0.08	0.08	0.01	0.00	-0.68
601	-1.47	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.63	0.63	0.12	0.12	0.01	0.00	-0.89
602	-1.74	-0.08	-0.02	-0.01	-0.01	-0.04	-0.07	0.00	0.33	0.33	0.16	0.16	0.01	0.00	-1.04
603	-1.88	-0.08	-0.02	-0.01	-0.01	-0.04	-0.07	0.00	0.00	0.00	0.18	0.18	0.00	0.00	-1.13
604	-1.88	-0.08	-0.03	0.00	-0.01	-0.04	-0.07	0.00	-0.32	-0.32	0.20	0.20	0.00	0.00	-1.13
605	-1.72	-0.07	-0.03	0.00	0.00	-0.04	-0.06	0.00	-0.61	-0.62	0.20	0.20	-0.01	0.00	-1.03
606	-1.41	-0.06	-0.02	0.00	0.00	-0.04	-0.05	0.00	-0.83	-0.83	0.17	0.17	-0.01	0.00	-0.84
607	-0.96	-0.03	-0.02	0.01	0.01	-0.03	-0.03	0.00	-0.91	-0.91	0.13	0.13	-0.01	0.00	-0.58
608	-0.46	-0.01	-0.01	0.01	0.01	-0.02	-0.01	0.00	-0.81	-0.82	0.07	0.07	-0.01	0.00	-0.28
609	-0.03	0.00	0.00	0.01	0.01	0.00	0.00	0.00	-0.54	-0.54	0.01	0.01	-0.01	0.00	-0.02
610	0.24	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.14	-0.15	-0.03	-0.03	0.00	0.00	0.14
611	0.55	0.02	0.01	-0.01	-0.01	0.01	0.01	0.00	0.35	0.33	-0.09	-0.08	0.00	0.00	0.33
612	1.93	0.09	0.01	0.01	0.02	0.03	0.07	0.00	0.49	0.51	-0.05	-0.05	0.01	0.00	1.16
613	1.07	0.04	0.01	0.00	0.00	0.02	0.03	0.00	0.87	0.88	-0.05	-0.05	0.02	0.00	0.64
614	0.31	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.09	1.09	-0.02	-0.02	0.02	0.00	0.19
615	-0.28	-0.02	0.00	-0.01	-0.01	-0.01	-0.02	0.00	1.14	1.15	0.01	0.01	0.02	0.00	-0.17
616	-0.72	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.06	1.06	0.05	0.05	0.02	0.00	-0.44
617	-1.15	-0.06	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.87	0.88	0.09	0.09	0.01	0.00	-0.69
618	-1.54	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.62	0.63	0.14	0.14	0.01	0.00	-0.92
619	-1.82	-0.08	-0.02	-0.01	-0.01	-0.04	-0.07	0.00	0.33	0.33	0.18	0.18	0.00	0.00	-1.09
620	-1.95	-0.09	-0.03	-0.01	-0.01	-0.04	-0.07	0.00	0.00	0.00	0.21	0.21	0.00	0.00	-1.17
621	-1.91	-0.08	-0.03	0.00	-0.01	-0.04	-0.07	0.00	-0.32	-0.32	0.22	0.22	0.00	0.00	-1.15
622	-1.68	-0.07	-0.03	0.00	0.00	-0.04	-0.06	0.00	-0.61	-0.61	0.20	0.21	-0.01	0.00	-1.01
623	-1.28	-0.05	-0.02	0.00	0.00	-0.03	-0.04	0.00	-0.81	-0.81	0.17	0.17	-0.01	0.00	-0.77
624	-0.77	-0.03	-0.02	0.01	0.01	-0.02	-0.02	0.00	-0.86	-0.86	0.12	0.12	-0.01	0.00	-0.46
625	-0.29	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	-0.72	-0.73	0.06	0.06	-0.01	0.00	-0.17
626	0.07	0.01	0.00	0.01	0.01	0.00	0.01	0.00	-0.40	-0.41	0.00	0.01	-0.01	0.00	0.04
627	0.25	0.02	0.02	0.02	0.02	0.02	0.02	0.00	-0.01	-0.03	-0.03	-0.03	0.00	0.00	0.15
628	0.26	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.22	0.20	-0.05	-0.05	0.00	0.00	0.16
629	1.95	0.09	0.01	0.01	0.02	0.03	0.07	0.00	0.42	0.42	-0.10	-0.10	0.01	0.00	1.17
630	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
631	1.06	0.04	0.01	0.00	0.00	0.02	0.03	0.00	0.84	0.85	-0.06	-0.07	0.02	0.00	0.64
632	0.29	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	1.07	1.07	-0.02	-0.02	0.02	0.00	0.17
633	-0.22	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.00	1.11	1.12	0.02	0.02	0.02	0.00	-0.13
634	-0.68	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	1.03	1.03	0.06	0.06	0.02	0.00	-0.41
635	-1.19	-0.06	-0.01	-0.01	-0.01	-0.02	-0.05	0.00	0.86	0.86	0.11	0.11	0.01	0.00	-0.72
636	-1.62	-0.08	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.62	0.62	0.16	0.16	0.01	0.00	-0.97
637	-1.89	-0.09	-0.02	-0.01	-0.01	-0.04	-0.07	0.00	0.33	0.33	0.20	0.20	0.00	0.00	-1.13
638	-1.98	-0.09	-0.03	-0.01	-0.01	-0.04	-0.07	0.00	0.00	0.00	0.22	0.22	0.00	0.00	-1.19
639	-1.86	-0.08	-0.03	0.00	-0.01	-0.04	-0.07	0.00	-0.32	-0.32	0.22	0.22	0.00	0.00	-1.12
640	-1.52	-0.06	-0.02	0.00	0.00	-0.04	-0.05	0.00	-0.60	-0.60	0.20	0.20	-0.01	0.00	-0.91
641	-0.99	-0.04	-0.02	0.01	0.00	-0.03	-0.03	0.00	-0.76	-0.76	0.15	0.15	-0.01	0.00	-0.60
642	-0.43	-0.01	-0.01	0.01	0.01	-0.02	-0.01	0.00	-0.74	-0.74	0.09	0.09	-0.01	0.00	-0.26
643	0.02	0.01	0.00	0.01	0.01	0.00	0.01	0.00	-0.50	-0.51	0.03	0.03	-0.01	0.00	0.01
644	0.33	0.02	0.01	0.01	0.01	0.01	0.02	0.00	-0.05	-0.06	-0.02	-0.02	0.00	0.00	0.20
645	0.35	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.31	0.31	-0.04	-0.04	0.00	0.00	0.27
646	0.17	0.00	0.00	-0.0.											

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
665	1.92	0.09	0.01	0.01	0.02	0.03	0.07	0.00	0.35	0.36	-0.12	-0.12	0.01	0.00	1.15
666	0.88	0.03	0.01	0.00	0.00	0.01	0.03	0.00	0.81	0.82	-0.06	-0.06	0.02	0.00	0.53
667	0.60	0.02	0.01	0.00	0.00	0.01	0.02	0.00	0.97	0.98	-0.04	-0.04	0.02	0.00	0.36
668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	1.04	0.01	0.01	0.02	0.00	0.00
669	-0.81	-0.04	-0.01	-0.01	-0.01	-0.01	-0.04	0.00	0.99	0.99	0.09	0.09	0.02	0.00	-0.49
670	-1.38	-0.07	-0.01	-0.01	-0.02	-0.03	-0.06	0.00	0.84	0.85	0.15	0.15	0.01	0.00	-0.83
671	-1.74	-0.09	-0.02	-0.01	-0.02	-0.04	-0.07	0.00	0.62	0.62	0.20	0.20	0.01	0.00	-1.05
672	-1.88	-0.09	-0.02	-0.01	-0.02	-0.04	-0.07	0.00	0.33	0.33	0.22	0.22	0.00	0.00	-1.13
673	-1.74	-0.08	-0.02	-0.01	-0.01	-0.04	-0.07	0.00	0.00	0.00	0.22	0.22	0.00	0.00	-1.05
674	-1.29	-0.06	-0.02	0.00	0.00	-0.03	-0.05	0.00	-0.30	-0.30	0.19	0.19	0.00	0.00	-0.77
675	-0.52	-0.02	-0.01	0.00	0.00	-0.02	-0.02	0.00	-0.47	-0.47	0.11	0.11	-0.01	0.00	-0.31
676	0.23	0.01	0.00	0.01	0.01	0.00	0.01	0.00	-0.37	-0.38	0.03	0.03	0.00	0.00	0.14
677	0.79	0.03	0.01	0.00	0.01	0.01	0.03	0.00	0.07	0.07	-0.04	-0.04	0.00	0.00	0.48
678	1.30	0.05	0.02	0.00	0.00	0.03	0.04	0.00	1.02	1.01	-0.12	-0.12	0.02	0.00	0.78
679	1.43	0.04	0.02	-0.02	-0.02	0.03	0.03	0.00	2.53	2.48	-0.16	-0.15	0.04	0.00	0.86
680	1.81	0.08	0.01	0.01	0.01	0.03	0.07	0.00	0.31	0.33	-0.12	-0.12	0.01	0.00	1.09
681	0.94	0.05	0.02	0.01	0.01	0.03	0.04	0.00	0.84	0.84	-0.06	-0.06	0.02	0.00	0.56
682	1.03	0.05	0.01	0.01	0.01	0.02	0.04	0.00	0.88	0.90	-0.06	-0.07	0.02	0.00	0.62
683	-0.23	-0.02	0.00	-0.01	-0.01	0.00	-0.01	0.00	1.00	1.01	0.04	0.04	0.02	0.00	-0.14
684	-0.96	-0.05	-0.01	-0.01	-0.01	-0.02	-0.04	0.00	0.97	0.98	0.11	0.11	0.02	0.00	-0.58
685	-1.45	-0.07	-0.02	-0.02	-0.02	-0.03	-0.06	0.00	0.84	0.84	0.17	0.17	0.01	0.00	-0.87
686	-1.71	-0.08	-0.02	-0.02	-0.02	-0.04	-0.07	0.00	0.62	0.62	0.21	0.21	0.01	0.00	-1.03
687	-1.69	-0.08	-0.02	-0.01	-0.02	-0.04	-0.07	0.00	0.32	0.32	0.22	0.22	0.00	0.00	-1.02
688	-1.36	-0.06	-0.02	-0.01	-0.01	-0.03	-0.05	0.00	0.00	0.00	0.20	0.20	0.00	0.00	-0.82
689	-0.58	-0.03	-0.01	0.00	0.00	-0.02	-0.02	0.00	-0.25	-0.25	0.12	0.12	0.00	0.00	-0.35
690	0.46	0.02	0.00	0.00	0.01	0.01	0.02	0.00	-0.25	-0.25	0.01	0.01	0.00	0.00	0.28
691	1.17	0.05	0.01	0.00	0.01	0.02	0.04	0.00	0.14	0.14	-0.07	-0.07	0.00	0.00	0.70
692	1.81	0.07	0.03	0.00	0.00	0.04	0.06	0.00	1.10	1.09	-0.16	-0.16	0.02	0.00	1.09
693	2.56	0.08	0.04	-0.02	-0.02	0.06	0.07	0.00	3.14	3.09	-0.28	-0.27	0.05	0.00	1.54
694	1.58	0.07	0.01	0.01	0.01	0.02	0.06	0.00	0.29	0.31	-0.11	-0.11	0.01	0.00	0.95
695	0.97	0.04	0.00	0.00	0.01	0.01	0.03	0.00	-0.03	-0.03	-0.07	-0.07	0.00	0.00	1.82
696	2.60	0.12	0.02	0.02	0.03	0.05	0.10	0.00	0.51	0.54	-0.18	-0.18	0.02	0.00	1.56
697	0.39	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.87	0.89	-0.01	-0.02	0.02	0.00	0.24
698	-0.44	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.98	0.99	0.06	0.06	0.02	0.00	-0.27
699	-1.05	-0.06	-0.01	-0.02	-0.02	-0.02	-0.05	0.00	0.96	0.96	0.13	0.13	0.01	0.00	-0.63
700	-1.44	-0.08	-0.02	-0.02	-0.02	-0.03	-0.06	0.00	0.83	0.83	0.17	0.17	0.01	0.00	-0.86
701	-1.54	-0.08	-0.02	-0.02	-0.02	-0.03	-0.07	0.00	0.61	0.61	0.20	0.20	0.01	0.00	-0.93
702	-1.30	-0.07	-0.02	-0.01	-0.01	-0.03	-0.06	0.00	0.31	0.31	0.19	0.19	0.00	0.00	-0.78
703	-0.67	-0.03	-0.01	-0.01	-0.01	-0.02	-0.03	0.00	0.00	0.00	0.13	0.13	0.00	0.00	-0.40
704	0.62	0.03	0.01	0.00	0.00	0.01	0.02	0.00	-0.13	-0.13	0.00	0.00	0.00	0.00	0.37
705	1.73	0.07	0.02	0.00	0.01	0.03	0.06	0.00	0.16	0.16	-0.12	-0.12	0.00	0.00	1.04
706	2.26	0.09	0.03	0.00	0.00	0.05	0.07	0.00	1.02	1.01	-0.20	-0.20	0.02	0.00	1.36
707	3.51	0.12	0.06	-0.02	-0.02	0.09	0.10	0.00	2.99	2.96	-0.37	-0.37	0.04	0.00	2.11
708	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.17	0.00	0.00	0.00	0.00	-0.03
709	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.33	0.01	0.01	0.01	0.00	-0.03
710	0.62	0.04	0.02	0.01	0.01	0.02	0.03	0.00	0.68	0.70	-0.04	-0.04	0.01	0.00	0.37
711	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.85	0.01	0.01	0.01	0.00	0.08
712	-0.56	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.94	0.95	0.08	0.08	0.01	0.00	-0.34
713	-1.07	-0.06	-0.01	-0.02	-0.02	-0.02	-0.05	0.00	0.94	0.94	0.13	0.13	0.01	0.00	-0.64
714	-1.31	-0.07	-0.01	-0.02	-0.02	-0.03	-0.06	0.00	0.81	0.82	0.17	0.17	0.01	0.00	-0.79
715	-1.19	-0.06	-0.01	-0.02	-0.02	-0.03	-0.05	0.00	0.57	0.57	0.17	0.17	0.01	0.00	-0.71
716	-0.59	-0.03	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.25	0.26	0.12	0.12	0.00	0.00	-0.36
717	0.57	0.02	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.34
718	2.46	0.10	0.03	0.01	0.01	0.05	0.08	0.00	0.11	0.11	-0.19	-0.19	0.00	0.00	1.48
719	2.72	0.11	0.04	0.00	0.00	0.06	0.09	0.00	0.85	0.84	-0.25	-0.25	0.01	0.00	1.63
720	4.06	0.15	0.06	-0.02	-0.01	0.10	0.12	0.00	2.35	2.35	-0.42	-0.42	0.03	0.00	2.44
721	1.56	0.07	0.01	0.01	0.01	0.02	0.06	0.00	0.12	0.14	-0.11	-0.11	0.01	0.00	0.94
722	0.74	0.03	0.00	0.00	0.00	0.01	0.02	0.00	0.54	0.56	-0.04	-0.05	0.01	0.00	0.44
723	0.03	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.77	0.79	0.02	0.02	0.01	0.00	0.02
724	-0.60	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.90	0.91	0.08	0.08	0.01	0.00	-0.36
725	-1.00	-0.06	-0.01	-0.02	-0.02	-0.02	-0.05	0.00	0.91	0.92	0.13	0.13	0.01	0.00	-0.60
726	-1.03	-0.06	-0.01	-0.02	-0.02	-0.02	-0.05	0.00	0.77	0.77	0.15	0.15	0.01	0.00	-0.62
727	-0.55	-0.04	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.47	0.47	0.11	0.11	0.01	0.00	-0.33
728	0.61	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.13	0.13	0.00	0.00	0.00	0.00	0.37
729	3.19	0.13	0.04	0.01											

NOKTALARIN Y YÖNÜ STATİK SONUÇLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Ms	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	17 Mez
748	1.73	0.07	0.02	0.00	0.01	0.03	0.06	0.00	-0.16	-0.16	-0.12	-0.12	0.00	0.00	1.04
749	3.60	0.16	0.04	0.02	0.02	0.07	0.13	0.00	-0.73	-0.72	-0.33	-0.33	-0.01	0.00	2.16
750	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	-0.02
751	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
752	1.52	0.08	0.01	0.02	0.02	0.02	0.06	0.00	-0.25	-0.21	-0.11	-0.12	0.00	0.00	0.91
753	0.60	0.02	0.01	0.00	0.00	0.01	0.02	0.00	0.24	0.25	-0.05	-0.05	0.00	0.00	0.36
754	-0.07	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.59	0.60	0.02	0.02	0.01	0.00	-0.04
755	-0.31	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.00	0.72	0.73	0.06	0.06	0.01	0.00	-0.19
756	0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.48	0.48	0.04	0.03	0.01	0.00	0.03
757	1.17	0.05	0.01	0.00	0.00	0.02	0.04	0.00	-0.14	-0.14	-0.07	-0.07	0.00	0.00	0.70
758	2.75	0.12	0.03	0.02	0.02	0.05	0.10	0.00	-0.85	-0.85	-0.25	-0.25	-0.01	0.00	1.65
759	2.81	0.13	0.03	0.02	0.03	0.06	0.11	0.00	-0.57	-0.59	-0.29	-0.28	-0.01	0.00	1.69
760	1.35	0.07	0.01	0.01	0.02	0.02	0.06	0.00	-0.38	-0.35	-0.13	-0.13	0.00	0.00	0.81
761	0.47	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.18	0.19	-0.05	-0.05	0.00	0.00	0.28
762	-0.05	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.54	0.54	0.01	0.01	0.01	0.00	-0.03
763	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.50	0.51	0.03	0.03	0.01	0.00	0.00
764	0.79	0.03	0.01	0.00	0.00	0.02	0.02	0.00	-0.08	-0.07	-0.04	-0.04	0.00	0.00	0.47
765	2.30	0.11	0.02	0.02	0.02	0.04	0.09	0.00	-1.02	-1.01	-0.20	-0.20	-0.02	0.00	1.38
766	4.01	0.20	0.04	0.04	0.04	0.08	0.16	0.00	-1.56	-1.57	-0.41	-0.41	-0.02	0.00	2.41
767	1.12	0.05	0.01	0.01	0.01	0.02	0.05	0.00	-0.46	-0.44	-0.14	-0.14	0.00	0.00	0.67
768	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
769	0.34	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.16	0.17	-0.04	-0.05	0.00	0.00	0.20
770	0.06	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.40	0.41	0.00	0.00	0.01	0.00	0.04
771	0.51	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.01	-0.03	-0.03	0.00	0.00	0.31
772	1.84	0.09	0.02	0.01	0.02	0.03	0.07	0.00	-1.11	-1.09	-0.16	-0.16	-0.02	0.00	1.11
773	4.15	0.21	0.04	0.05	0.05	0.08	0.17	0.00	-2.36	-2.36	-0.42	-0.42	-0.03	0.00	2.49
774	0.86	0.04	0.01	0.01	0.01	0.01	0.04	0.00	-0.44	-0.42	-0.11	-0.12	0.00	0.00	0.52
775	0.24	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.13	0.14	-0.03	-0.03	0.00	0.00	0.14
776	0.32	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.05	0.06	-0.02	-0.02	0.00	0.00	0.19
777	1.32	0.06	0.01	0.01	0.01	0.02	0.05	0.00	-1.03	-1.01	-0.12	-0.12	-0.02	0.00	0.80
778	3.62	0.19	0.03	0.05	0.05	0.06	0.16	0.00	-3.00	-2.97	-0.37	-0.37	-0.04	0.00	2.17
779	0.57	0.03	0.00	0.01	0.01	0.01	0.03	0.00	-0.36	-0.34	-0.08	-0.09	0.00	0.00	0.34
780	0.23	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	-0.03	-0.03	0.00	0.00	0.14
781	0.81	0.04	0.01	0.01	0.01	0.01	0.03	0.00	-0.78	-0.76	-0.07	-0.07	-0.01	0.00	0.49
782	2.67	0.14	0.02	0.04	0.04	0.04	0.12	0.00	-3.15	-3.10	-0.27	-0.28	-0.05	0.00	1.60
783	0.28	0.02	0.00	0.01	0.01	0.00	0.01	0.00	-0.22	-0.20	-0.05	-0.05	0.00	0.00	0.17
784	0.35	0.01	0.00	0.00	0.00	0.00	0.01	0.00	-0.34	-0.34	-0.03	-0.03	0.00	0.00	0.34
785	1.51	0.08	0.01	0.03	0.03	0.02	0.07	0.00	-2.54	-2.49	-0.15	-0.16	-0.04	0.00	0.91
786	0.36	0.02	0.00	0.01	0.01	0.01	0.02	0.00	-0.26	-0.25	-0.05	-0.05	0.00	0.00	0.19
787	0.28	0.02	0.00	0.01	0.01	0.00	0.01	0.00	-0.27	-0.27	-0.03	-0.03	0.00	0.00	0.26
788	0.32	0.02	0.00	0.01	0.01	0.01	0.02	0.00	-1.25	-1.21	-0.03	-0.03	-0.02	0.00	0.19
789	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.02	0.00	0.00	0.00	0.00	-0.05

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
1	45	45	-0.100	-0.100	0.000	0.45	-0.45	0.95	-0.67	3.80	3.80	3.80	3.80
2	45	45	0.388	-0.100	0.000	0.67	-0.38	1.43	-0.53	3.80	3.80	3.80	3.80
3	45	45	0.875	-0.100	0.000	0.78	-0.33	2.73	-0.64	3.80	3.80	3.80	3.80
4	45	45	-0.100	0.395	0.000	0.40	-0.07	0.37	-0.07	3.80	3.80	3.80	3.80
5	45	45	0.100	0.300	0.000	0.34	-0.12	0.31	-0.13	3.80	3.80	3.80	3.80
6	45	45	0.388	0.395	0.000	0.36	-0.11	0.86	-0.21	3.80	3.80	3.80	3.80
7	45	45	1.363	-0.100	0.000	1.00	-0.27	3.90	-0.42	3.80	3.80	3.80	3.80
8	45	45	0.875	0.395	0.000	0.39	-0.17	1.63	-0.28	3.80	3.80	3.80	3.80
9	45	45	-0.100	0.891	0.000	1.25	-0.16	0.59	-0.04	3.80	3.80	3.80	3.80
10	45	45	0.388	0.891	0.000	0.87	-0.21	0.69	-0.16	3.80	3.80	3.80	3.80
11	45	45	1.363	0.395	0.000	0.46	-0.20	2.33	-0.23	3.80	3.80	3.80	3.80
12	45	45	1.850	-0.100	0.000	1.14	-0.20	4.62	-0.17	3.80	3.80	4.37	3.80
13	45	45	0.875	0.891	0.000	0.70	-0.43	1.17	-0.32	3.80	3.80	3.80	3.80
14	45	45	-0.100	1.386	0.000	2.54	-0.15	0.76	-0.03	3.80	3.80	3.80	3.80
15	45	45	0.388	1.386	0.000	1.82	-0.38	0.60	-0.06	3.80	3.80	3.80	3.80
16	45	45	1.850	0.395	0.000	0.36	-0.17	2.84	-0.07	3.80	3.80	3.80	3.80
17	45	45	1.363	0.891	0.000	0.52	-0.71	1.65	-0.34	3.80	3.80	3.80	3.80
18	45	45	2.338	-0.100	0.000	1.11	-0.11	4.79	0.00	3.80	3.80	4.54	3.80
19	45	45	0.875	1.386	0.000	1.51	-0.79	0.65	-0.30	3.80	3.80	3.80	3.80
20	45	45	-0.100	1.882	0.000	3.92	-0.17	1.10	0.00	3.80	3.80	3.80	3.80
21	45	45	0.388	1.882	0.000	2.65	-0.48	0.66	-0.08	3.80	3.80	3.80	3.80
22	45	45	2.338	0.395	0.000	0.37	-0.19	3.20	-0.03	3.80	3.80	3.80	3.80
23	45	45	1.850	0.891	0.000	0.32	-0.87	2.02	-0.23	3.80	3.80	3.80	3.80
24	45	45	1.363	1.386	0.000	0.91	-1.31	0.80	-0.51	3.80	3.80	3.80	3.80
25	45	45	2.825	-0.100	0.000	0.83	-0.05	4.56	0.00	3.80	3.80	4.32	3.80
26	45	45	0.875	1.882	0.000	2.18	-1.02	0.53	-0.47	3.80	3.80	3.80	3.80
27	45	45	-0.100	2.377	0.000	5.03	-0.17	1.42	0.00	4.76	3.80	3.80	3.80
28	45	45	0.388	2.377	0.000	3.44	-0.54	0.81	-0.09	3.80	3.80	3.80	3.80
29	45	45	2.338	0.891	0.000	0.21	-0.82	2.30	-0.19	3.80	3.80	3.80	3.80
30	45	45	2.825	0.395	0.000	1.07	-0.15	3.59	0.00	3.80	3.80	3.80	3.80
31	45	45	1.850	1.386	0.000	0.57	-1.65	0.91	-0.56	3.80	3.80	3.80	3.80
32	45	45	1.363	1.882	0.000	1.33	-1.76	0.49	-0.86	3.80	3.80	3.80	3.80

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
33	45	45	3.313	-0.100	0.000	0.82	-0.07	3.72	-0.01	3.80	3.80	3.80	3.80
34	45	45	0.875	2.377	0.000	2.80	-1.16	0.57	-0.61	3.80	3.80	3.80	3.80
35	45	45	-0.100	2.873	0.000	6.01	-0.16	1.68	0.00	5.70	3.80	3.80	3.80
36	500	500	-0.100	2.850	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	45	45	0.388	2.873	0.000	4.19	-0.57	0.98	-0.10	3.96	3.80	3.80	3.80
38	45	45	2.825	0.891	0.000	0.47	-0.64	2.61	-0.14	3.80	3.80	3.80	3.80
39	45	45	2.338	1.386	0.000	0.27	-1.68	1.03	-0.50	3.80	3.80	3.80	3.80
40	45	45	3.313	0.395	0.000	1.14	-0.06	4.41	0.00	3.80	3.80	4.17	3.80
41	45	45	1.850	1.882	0.000	0.81	-2.29	0.42	-1.05	3.80	3.80	3.80	3.80
42	45	45	1.363	2.377	0.000	1.72	-2.09	0.42	-1.15	3.80	3.80	3.80	3.80
43	45	45	3.800	-0.100	0.000	1.58	-0.03	4.32	-0.01	3.80	3.80	4.08	3.80
44	45	45	0.875	2.873	0.000	3.39	-1.23	0.64	-0.69	3.80	3.80	3.80	3.80
45	45	45	-0.100	3.368	0.000	6.82	-0.15	1.88	0.00	6.48	3.80	3.80	3.80
46	45	45	0.388	3.368	0.000	4.83	-0.58	1.14	-0.10	4.57	3.80	3.80	3.80
47	45	45	2.825	1.386	0.000	0.10	-1.38	1.25	-0.42	3.80	3.80	3.80	3.80
48	45	45	3.313	0.891	0.000	0.57	-0.41	2.99	-0.12	3.80	3.80	3.80	3.80
49	45	45	2.338	1.882	0.000	0.39	-2.48	0.41	-1.07	3.80	3.80	3.80	3.80
50	45	45	3.800	0.395	0.000	1.33	-0.10	4.12	-0.01	3.80	3.80	3.89	3.80
51	45	45	1.850	2.377	0.000	1.04	-2.79	0.22	-1.47	3.80	3.80	3.80	3.80
52	45	45	1.363	2.873	0.000	2.08	-2.32	0.40	-1.34	3.80	3.80	3.80	3.80
53	500	500	3.800	0.100	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	45	45	4.288	-0.100	0.000	0.84	-0.07	3.78	-0.01	3.80	3.80	3.80	3.80
55	45	45	0.875	3.368	0.000	3.90	-1.27	0.74	-0.72	3.80	3.80	3.80	3.80
56	45	45	-0.100	3.864	0.000	7.39	-0.13	2.01	0.00	7.03	3.80	3.80	3.80
57	45	45	0.388	3.864	0.000	5.36	-0.58	1.27	-0.13	5.07	3.80	3.80	3.80
58	45	45	3.313	1.386	0.000	0.07	-1.04	1.61	-0.39	3.80	3.80	3.80	3.80
59	45	45	2.825	1.882	0.000	0.14	-2.35	0.49	-1.00	3.80	3.80	3.80	3.80
60	45	45	3.800	0.891	0.000	1.22	-0.24	3.06	-0.15	3.80	3.80	3.80	3.80
61	45	45	2.338	2.377	0.000	0.48	-3.16	0.14	-1.57	3.80	3.80	3.80	3.80
62	45	45	4.288	0.395	0.000	1.14	-0.06	4.44	0.00	3.80	3.80	4.20	3.80
63	45	45	1.850	2.873	0.000	1.23	-3.18	0.14	-1.77	3.80	3.80	3.80	3.80
64	45	45	1.363	3.368	0.000	2.40	-2.48	0.43	-1.41	3.80	3.80	3.80	3.80
65	45	45	4.775	-0.100	0.000	0.85	-0.05	4.65	0.00	3.80	3.80	4.40	3.80
66	45	45	0.875	3.864	0.000	4.35	-1.28	0.88	-0.70	4.11	3.80	3.80	3.80
67	45	45	-0.100	4.359	0.000	7.66	-0.11	1.76	-0.06	7.29	3.80	3.80	3.80
68	45	45	0.388	4.359	0.000	5.60	-0.57	1.37	-0.14	5.30	3.80	3.80	3.80
69	45	45	3.313	1.882	0.000	0.03	-2.10	0.64	-1.03	3.80	3.80	3.80	3.80
70	45	45	3.800	1.386	0.000	0.37	-0.97	2.29	-0.43	3.80	3.80	3.80	3.80
71	45	45	2.825	2.377	0.000	0.18	-3.19	0.11	-1.59	3.80	3.80	3.80	3.80
72	45	45	4.288	0.891	0.000	0.57	-0.42	3.01	-0.13	3.80	3.80	3.80	3.80
73	45	45	2.338	2.873	0.000	0.56	-3.72	0.04	-1.97	3.80	3.80	3.80	3.80
74	45	45	4.775	0.395	0.000	1.08	-0.15	3.64	0.00	3.80	3.80	3.80	3.80
75	45	45	1.850	3.368	0.000	1.41	-3.47	0.12	-1.91	3.80	3.80	3.80	3.80
76	45	45	1.363	3.864	0.000	2.69	-2.59	0.51	-1.41	3.80	3.80	3.80	3.80
77	45	45	5.263	-0.100	0.000	1.14	-0.10	4.90	0.00	3.80	3.80	4.64	3.80
78	45	45	0.875	4.359	0.000	4.72	-1.27	1.10	-0.59	4.46	3.80	3.80	3.80
79	45	45	-0.100	4.855	0.000	5.76	-0.10	1.55	-0.10	5.46	3.80	3.80	3.80
80	45	45	0.388	4.855	0.000	5.27	-0.67	1.81	-0.16	4.99	3.80	3.80	3.80
81	45	45	3.313	2.377	0.000	0.03	-3.06	0.13	-1.67	3.80	3.80	3.80	3.80
82	45	45	3.800	1.882	0.000	0.00	-1.97	0.78	-1.04	3.80	3.80	3.80	3.80
83	45	45	4.288	1.386	0.000	0.06	-1.06	1.61	-0.40	3.80	3.80	3.80	3.80
84	45	45	2.825	2.873	0.000	0.20	-3.87	0.00	-2.08	3.80	3.80	3.80	3.80
85	45	45	4.775	0.891	0.000	0.46	-0.66	2.64	-0.15	3.80	3.80	3.80	3.80
86	45	45	2.338	3.368	0.000	0.62	-4.16	0.00	-2.18	3.80	3.93	3.80	3.80
87	45	45	5.263	0.395	0.000	0.37	-0.20	3.24	-0.03	3.80	3.80	3.80	3.80
88	45	45	1.850	3.864	0.000	1.58	-3.69	0.14	-1.93	3.80	3.80	3.80	3.80
89	45	45	1.363	4.359	0.000	2.98	-2.66	0.64	-1.33	3.80	3.80	3.80	3.80
90	45	45	5.750	-0.100	0.000	1.17	-0.19	4.72	-0.15	3.80	3.80	4.46	3.80
91	45	45	0.875	4.855	0.000	4.82	-1.26	1.27	-0.54	4.56	3.80	3.80	3.80
92	45	45	-0.100	5.350	0.000	3.81	-0.10	1.62	-0.12	3.80	3.80	3.80	3.80
93	45	45	0.388	5.350	0.000	5.03	-0.58	2.32	-0.03	4.77	3.80	3.80	3.80
94	45	45	0.100	5.400	0.000	5.37	-0.09	1.96	-0.07	5.09	3.80	3.80	3.80
95	45	45	3.313	2.873	0.000	0.03	-3.87	0.00	-2.21	3.80	3.80	3.80	3.80
96	45	45	3.800	2.377	0.000	0.00	-3.05	0.12	-1.74	3.80	3.80	3.80	3.80
97	45	45	4.288	1.882	0.000	0.02	-2.13	0.64	-1.04	3.80	3.80	3.80	3.80
98	45	45	4.775	1.386	0.000	0.09	-1.42	1.25	-0.43	3.80	3.80	3.80	3.80
99	45	45	2.825	3.368	0.000	0.22	-4.42	0.00	-2.35	3.80	4.18	3.80	3.80
100	45	45	5.263	0.891	0.000	0.19	-0.84	2.32	-0.20	3.80	3.80	3.80	3.80
101	45	45	2.338	3.864	0.000	0.68	-4.50	0.01	-2.24	3.80	4.25	3.80	3.80
102	45	45	5.750	0.395	0.000	0.36	-0.17	2.88	-0.07	3.80	3.80	3.80	3.80
103	45	45	1.850	4.359	0.000	1.75	-3.85	0.21	-1.88	3.80	3.80	3.80	3.80
104	45	45	1.363	4.855	0.000	3.08	-2.74	0.80	-1.24	3.80	3.80	3.80	3.80
105	45	45	6.238	-0.100	0.000	1.02	-0.26	3.99	-0.39	3.80	3.80	3.80	3.80
106	45	45	0.875	5.350	0.000	4.30	-1.15	1.72	-0.49	4.06	3.80	3.80	3.80
107	45	45	-0.100	5.400	0.000	4.72	-0.08	1.62	-0.12	4.46	3.80	3.80	3.80
108	45	45	0.388	5.845	0.000	6.15	-0.61	1.94	-0.10	5.84	3.80	3.80	3.80
109	45	45	3.800	2.873	0.000	0.00	-3.90	0.00	-2.31	3.80	3.80	3.80	3.80
110	45	45	3.313	3.368	0.000	0.03	-4.51	0.00	-2.56	3.80	4.26	3.80	3.80
111	45	45	4.288	2.377	0.000	0.03	-3.11	0.13	-1.69	3.80	3.80	3.80	3.80
112	45	45	4.775	1.882	0.000	0.13	-2.41	0.49	-1.03	3.80	3.80	3.80	3.80
113	45	45	5.263	1.386	0.000	0.25	-1.74	1.02	-0.52	3.80	3.80	3.80	3.80
114	45	45	2.825	3.864	0.000	0.24	-4.86	0.00	-2.44	3.80	4.60	3.80	3.80
115	45	45	5.750	0.891	0.000	0.30	-0.91	2.04	-0.24	3.80	3.80	3.80	3.80



ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
116	45	45	2.338	4.359	0.000	0.74	-4.76	0.02	-2.21	3.80	4.51	3.80	3.80
117	45	45	6.238	0.395	0.000	0.46	-0.20	2.38	-0.22	3.80	3.80	3.80	3.80
118	45	45	1.850	4.855	0.000	1.90	-3.99	0.31	-1.80	3.80	3.80	3.80	3.80
119	45	45	1.363	5.350	0.000	3.87	-2.81	0.97	-1.12	3.80	3.80	3.80	3.80
120	45	45	6.725	-0.100	0.000	0.79	-0.32	2.79	-0.60	3.80	3.80	3.80	3.80
121	45	45	0.875	5.845	0.000	5.52	-1.37	1.43	-0.54	5.23	3.80	3.80	3.80
122	45	45	-0.100	5.845	0.000	6.63	-0.13	1.55	-0.12	6.30	3.80	3.80	3.80
123	45	45	0.388	6.341	0.000	6.90	-0.66	1.95	-0.13	6.56	3.80	3.80	3.80
124	45	45	3.800	3.368	0.000	0.00	-4.57	0.00	-2.66	3.80	4.32	3.80	3.80
125	45	45	4.288	2.873	0.000	0.02	-3.91	0.00	-2.24	3.80	3.80	3.80	3.80
126	45	45	3.313	3.864	0.000	0.03	-5.02	0.00	-2.68	3.80	4.75	3.80	3.80
127	45	45	4.775	2.377	0.000	0.16	-3.26	0.10	-1.63	3.80	3.80	3.80	3.80
128	45	45	5.263	1.882	0.000	0.35	-2.55	0.40	-1.10	3.80	3.80	3.80	3.80
129	45	45	5.750	1.386	0.000	0.53	-1.71	0.90	-0.58	3.80	3.80	3.80	3.80
130	45	45	2.825	4.359	0.000	0.26	-5.20	0.00	-2.43	3.80	4.93	3.80	3.80
131	45	45	6.238	0.891	0.000	0.50	-0.74	1.67	-0.33	3.80	3.80	3.80	3.80
132	45	45	2.338	4.855	0.000	0.79	-4.98	0.04	-2.14	3.80	4.72	3.80	3.80
133	45	45	6.725	0.395	0.000	0.43	-0.21	1.67	-0.27	3.80	3.80	3.80	3.80
134	45	45	1.850	5.350	0.000	2.03	-4.11	0.39	-1.72	3.80	3.89	3.80	3.80
135	45	45	1.363	5.845	0.000	3.71	-2.91	0.97	-1.18	3.80	3.80	3.80	3.80
136	45	45	7.213	-0.100	0.000	0.70	-0.37	1.47	-0.50	3.80	3.80	3.80	3.80
137	45	45	0.875	6.341	0.000	5.65	-1.49	1.49	-0.59	5.35	3.80	3.80	3.80
138	45	45	-0.100	6.341	0.000	8.69	-0.16	1.78	-0.09	8.29	3.80	3.80	3.80
139	45	45	0.388	6.836	0.000	6.90	-0.73	1.85	-0.14	6.55	3.80	3.80	3.80
140	45	45	3.800	3.864	0.000	0.00	-5.10	0.00	-2.79	3.80	4.83	3.80	3.80
141	45	45	4.288	3.368	0.000	0.02	-4.56	0.00	-2.58	3.80	4.32	3.80	3.80
142	45	45	4.775	2.873	0.000	0.18	-3.95	0.00	-2.13	3.80	3.80	3.80	3.80
143	45	45	3.313	4.359	0.000	0.03	-5.42	0.00	-2.68	3.80	5.14	3.80	3.80
144	45	45	5.263	2.377	0.000	0.44	-3.25	0.13	-1.61	3.80	3.80	3.80	3.80
145	45	45	5.750	1.882	0.000	0.77	-2.36	0.40	-1.09	3.80	3.80	3.80	3.80
146	45	45	6.238	1.386	0.000	0.88	-1.35	0.78	-0.53	3.80	3.80	3.80	3.80
147	45	45	2.825	4.855	0.000	0.27	-5.47	0.00	-2.35	3.80	5.18	3.80	3.80
148	45	45	6.725	0.891	0.000	0.81	-0.45	1.19	-0.31	3.80	3.80	3.80	3.80
149	45	45	2.338	5.350	0.000	0.83	-5.17	0.06	-2.07	3.80	4.89	3.80	3.80
150	45	45	7.213	0.395	0.000	0.48	-0.22	0.81	-0.24	3.80	3.80	3.80	3.80
151	45	45	1.850	5.845	0.000	2.12	-4.23	0.43	-1.72	3.80	4.00	3.80	3.80
152	45	45	1.363	6.341	0.000	3.67	-3.01	0.96	-1.27	3.80	3.80	3.80	3.80
153	45	45	7.700	-0.100	0.000	0.00	-0.53	0.21	-0.12	3.80	3.80	3.80	3.80
154	45	45	0.875	6.836	0.000	5.77	-1.61	1.43	-0.71	5.47	3.80	3.80	3.80
155	45	45	-0.100	6.836	0.000	9.12	-0.20	2.49	0.00	8.71	3.80	3.80	3.80
156	45	45	0.388	7.332	0.000	7.00	-0.77	1.95	-0.12	6.65	3.80	3.80	3.80
157	45	45	4.288	3.864	0.000	0.02	-5.08	0.00	-2.71	3.80	4.81	3.80	3.80
158	45	45	3.800	4.359	0.000	0.00	-5.52	0.00	-2.79	3.80	5.23	3.80	3.80
159	45	45	4.775	3.368	0.000	0.20	-4.51	0.00	-2.39	3.80	4.27	3.80	3.80
160	45	45	5.263	2.873	0.000	0.51	-3.82	0.03	-2.02	3.80	3.80	3.80	3.80
161	45	45	3.313	4.855	0.000	0.03	-5.73	0.00	-2.61	3.80	5.44	3.80	3.80
162	45	45	5.750	2.377	0.000	0.98	-2.88	0.20	-1.51	3.80	3.80	3.80	3.80
163	45	45	6.238	1.882	0.000	1.30	-1.82	0.46	-0.89	3.80	3.80	3.80	3.80
164	45	45	6.725	1.386	0.000	1.51	-0.82	0.65	-0.32	3.80	3.80	3.80	3.80
165	45	45	2.825	5.350	0.000	0.28	-5.68	0.00	-2.27	3.80	5.38	3.80	3.80
166	45	45	7.213	0.891	0.000	1.03	-0.22	0.72	-0.15	3.80	3.80	3.80	3.80
167	45	45	2.338	5.845	0.000	0.89	-5.29	0.06	-2.03	3.80	5.01	3.80	3.80
168	45	45	7.500	0.300	0.000	0.39	-0.27	0.25	-0.13	3.80	3.80	3.80	3.80
169	45	45	1.850	6.341	0.000	2.20	-4.35	0.44	-1.75	3.80	4.11	3.80	3.80
170	45	45	1.363	6.836	0.000	3.73	-3.12	0.94	-1.35	3.80	3.80	3.80	3.80
171	45	45	7.700	0.395	0.000	0.64	-0.27	0.42	-0.10	3.80	3.80	3.80	3.80
172	45	45	0.875	7.332	0.000	5.88	-1.72	1.43	-0.78	5.57	3.80	3.80	3.80
173	45	45	-0.100	7.332	0.000	9.34	-0.23	2.59	0.00	8.92	3.80	3.80	3.80
174	45	45	0.388	7.827	0.000	7.08	-0.81	1.99	-0.13	6.73	3.80	3.80	3.80
175	45	45	4.775	3.864	0.000	0.22	-4.95	0.00	-2.49	3.80	4.69	3.80	3.80
176	45	45	4.288	4.359	0.000	0.02	-5.48	0.00	-2.70	3.80	5.19	3.80	3.80
177	45	45	3.800	4.855	0.000	0.00	-5.84	0.00	-2.71	3.80	5.54	3.80	3.80
178	45	45	5.263	3.368	0.000	0.57	-4.26	0.00	-2.23	3.80	4.03	3.80	3.80
179	45	45	5.750	2.873	0.000	1.17	-3.27	0.12	-1.82	3.80	3.80	3.80	3.80
180	45	45	3.313	5.350	0.000	0.03	-5.96	0.00	-2.51	3.80	5.65	3.80	3.80
181	45	45	6.238	2.377	0.000	1.69	-2.16	0.39	-1.19	3.80	3.80	3.80	3.80
182	45	45	6.725	1.882	0.000	2.19	-1.06	0.51	-0.49	3.80	3.80	3.80	3.80
183	45	45	7.213	1.386	0.000	1.85	-0.40	0.62	-0.06	3.80	3.80	3.80	3.80
184	45	45	2.825	5.845	0.000	0.31	-5.82	0.00	-2.20	3.80	5.52	3.80	3.80
185	45	45	7.700	0.891	0.000	1.45	-0.23	0.55	-0.06	3.80	3.80	3.80	3.80
186	45	45	2.338	6.341	0.000	0.94	-5.38	0.06	-2.02	3.80	5.10	3.80	3.80
187	45	45	1.850	6.836	0.000	2.25	-4.46	0.44	-1.79	3.80	4.22	3.80	3.80
188	45	45	1.363	7.332	0.000	3.81	-3.22	0.94	-1.40	3.80	3.80	3.80	3.80
189	45	45	0.875	7.827	0.000	5.95	-1.79	1.44	-0.82	5.64	3.80	3.80	3.80
190	45	45	-0.100	7.827	0.000	9.38	-0.26	2.61	0.00	8.96	3.80	3.80	3.80
191	45	45	0.388	8.323	0.000	7.10	-0.83	1.98	-0.18	6.75	3.80	3.80	3.80
192	45	45	4.775	4.359	0.000	0.23	-5.30	0.00	-2.47	3.80	5.02	3.80	3.80
193	45	45	5.263	3.864	0.000	0.62	-4.61	0.00	-2.28	3.80	4.36	3.80	3.80
194	45	45	4.288	4.855	0.000	0.02	-5.79	0.00	-2.63	3.80	5.49	3.80	3.80
195	45	45	3.800	5.350	0.000	0.00	-6.08	0.00	-2.62	3.80	5.77	3.80	3.80
196	45	45	5.750	3.368	0.000	1.35	-3.57	0.09	-1.95	3.80	3.80	3.80	3.80
197	45	45	6.238	2.873	0.000	2.04	-2.39	0.37	-1.38	3.80	3.80	3.80	3.80
198	45	45	3.313	5.845	0.000	0.04	-6.12	0.00	-2.42	3.80	5.80	3.80	3.80

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
199	45	45	6.725	2.377	0.000	2.83	-1.20	0.56	-0.64	3.80	3.80	3.80	3.80
200	45	45	7.213	1.882	0.000	2.70	-0.50	0.67	-0.09	3.80	3.80	3.80	3.80
201	45	45	7.700	1.386	0.000	2.80	-0.15	0.81	-0.01	3.80	3.80	3.80	3.80
202	45	45	2.825	6.341	0.000	0.33	-5.92	0.00	-2.15	3.80	5.61	3.80	3.80
203	45	45	2.338	6.836	0.000	0.99	-5.47	0.06	-2.02	3.80	5.18	3.80	3.80
204	45	45	1.850	7.332	0.000	2.32	-4.55	0.46	-1.82	3.80	4.30	3.80	3.80
205	45	45	1.363	7.827	0.000	3.90	-3.29	0.96	-1.43	3.80	3.80	3.80	3.80
206	45	45	0.875	8.323	0.000	6.01	-1.84	1.45	-0.86	5.70	3.80	3.80	3.80
207	45	45	-0.100	8.323	0.000	9.29	-0.28	2.56	0.00	8.87	3.80	3.80	3.80
208	500	500	-0.100	8.100	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	45	45	0.388	8.818	0.000	7.07	-0.84	1.92	-0.27	6.72	3.80	3.80	3.80
210	45	45	4.775	4.855	0.000	0.25	-5.57	0.00	-2.39	3.80	5.28	3.80	3.80
211	45	45	5.263	4.359	0.000	0.68	-4.88	0.02	-2.25	3.80	4.62	3.80	3.80
212	45	45	5.750	3.864	0.000	1.52	-3.80	0.12	-1.97	3.80	3.80	3.80	3.80
213	45	45	4.288	5.350	0.000	0.02	-6.02	0.00	-2.53	3.80	5.71	3.80	3.80
214	45	45	3.800	5.845	0.000	0.00	-6.24	0.00	-2.52	3.80	5.92	3.80	3.80
215	45	45	6.238	3.368	0.000	2.36	-2.56	0.41	-1.45	3.80	3.80	3.80	3.80
216	45	45	6.725	2.873	0.000	3.42	-1.28	0.63	-0.71	3.80	3.80	3.80	3.80
217	45	45	3.313	6.341	0.000	0.05	-6.22	0.00	-2.34	3.80	5.90	3.80	3.80
218	45	45	7.213	2.377	0.000	3.53	-0.56	0.82	-0.10	3.80	3.80	3.80	3.80
219	45	45	7.700	1.882	0.000	4.07	-0.17	1.16	0.00	3.85	3.80	3.80	3.80
220	45	45	2.825	6.836	0.000	0.35	-5.99	0.00	-2.11	3.80	5.68	3.80	3.80
221	45	45	2.338	7.332	0.000	1.03	-5.53	0.07	-2.02	3.80	5.24	3.80	3.80
222	45	45	1.850	7.827	0.000	2.39	-4.62	0.48	-1.82	3.80	4.37	3.80	3.80
223	45	45	1.363	8.323	0.000	4.00	-3.33	0.99	-1.45	3.80	3.80	3.80	3.80
224	45	45	0.875	8.818	0.000	6.06	-1.85	1.48	-0.90	5.75	3.80	3.80	3.80
225	45	45	-0.100	8.818	0.000	9.03	-0.29	2.43	-0.02	8.62	3.80	3.80	3.80
226	45	45	0.388	9.314	0.000	7.02	-0.82	1.88	-0.35	6.67	3.80	3.80	3.80
227	45	45	5.263	4.855	0.000	0.73	-5.10	0.04	-2.18	3.80	4.83	3.80	3.80
228	45	45	4.775	5.350	0.000	0.26	-5.78	0.00	-2.30	3.80	5.48	3.80	3.80
229	45	45	5.750	4.359	0.000	1.68	-3.96	0.20	-1.92	3.80	3.80	3.80	3.80
230	45	45	6.238	3.864	0.000	2.65	-2.67	0.49	-1.44	3.80	3.80	3.80	3.80
231	45	45	4.288	5.845	0.000	0.03	-6.18	0.00	-2.44	3.80	5.86	3.80	3.80
232	45	45	3.800	6.341	0.000	0.00	-6.34	0.00	-2.43	3.80	6.02	3.80	3.80
233	45	45	6.725	3.368	0.000	3.94	-1.32	0.73	-0.74	3.80	3.80	3.80	3.80
234	45	45	7.213	2.873	0.000	4.29	-0.59	0.99	-0.10	4.05	3.80	3.80	3.80
235	45	45	3.313	6.836	0.000	0.05	-6.28	0.00	-2.27	3.80	5.96	3.80	3.80
236	45	45	7.700	2.377	0.000	5.23	-0.17	1.48	0.00	4.95	3.80	3.80	3.80
237	45	45	2.825	7.332	0.000	0.37	-6.04	0.00	-2.08	3.80	5.73	3.80	3.80
238	45	45	2.338	7.827	0.000	1.09	-5.58	0.09	-2.00	3.80	5.29	3.80	3.80
239	45	45	1.850	8.323	0.000	2.48	-4.65	0.53	-1.81	3.80	4.40	3.80	3.80
240	45	45	1.363	8.818	0.000	4.12	-3.33	1.07	-1.44	3.90	3.80	3.80	3.80
241	45	45	0.875	9.314	0.000	6.13	-1.79	1.63	-0.87	5.82	3.80	3.80	3.80
242	45	45	-0.100	9.314	0.000	8.51	-0.28	2.19	-0.05	8.11	3.80	3.80	3.80
243	45	45	0.388	9.809	0.000	7.03	-0.75	2.57	-0.34	6.68	3.80	3.80	3.80
244	45	45	5.263	5.350	0.000	0.77	-5.29	0.05	-2.11	3.80	5.01	3.80	3.80
245	45	45	5.750	4.855	0.000	1.83	-4.10	0.29	-1.83	3.80	3.87	3.80	3.80
246	45	45	4.775	5.845	0.000	0.28	-5.92	0.00	-2.23	3.80	5.61	3.80	3.80
247	45	45	6.238	4.359	0.000	2.94	-2.74	0.63	-1.36	3.80	3.80	3.80	3.80
248	45	45	6.725	3.864	0.000	4.38	-1.33	0.87	-0.71	4.14	3.80	3.80	3.80
249	45	45	4.288	6.341	0.000	0.03	-6.28	0.00	-2.36	3.80	5.96	3.80	3.80
250	45	45	3.800	6.836	0.000	0.00	-6.41	0.00	-2.35	3.80	6.08	3.80	3.80
251	45	45	7.213	3.368	0.000	4.93	-0.60	1.16	-0.11	4.66	3.80	3.80	3.80
252	45	45	7.700	2.873	0.000	6.25	-0.17	1.75	0.00	5.93	3.80	3.80	3.80
253	45	45	3.313	7.332	0.000	0.06	-6.31	0.00	-2.19	3.80	5.99	3.80	3.80
254	500	500	7.700	2.850	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255	45	45	2.825	7.827	0.000	0.39	-6.07	0.00	-2.03	3.80	5.76	3.80	3.80
256	45	45	2.338	8.323	0.000	1.15	-5.60	0.14	-1.96	3.80	5.31	3.80	3.80
257	45	45	1.850	8.818	0.000	2.59	-4.66	0.63	-1.76	3.80	4.40	3.80	3.80
258	45	45	1.363	9.314	0.000	4.30	-3.28	1.26	-1.35	4.06	3.80	3.80	3.80
259	45	45	0.875	9.809	0.000	6.24	-1.65	2.18	-0.75	5.92	3.80	3.80	3.80
260	45	45	-0.100	9.809	0.000	7.57	-0.22	1.78	-0.18	7.20	3.80	3.80	3.80
261	45	45	0.388	10.305	0.000	7.46	-0.65	2.63	-0.30	7.10	3.80	3.80	3.80
262	45	45	5.263	5.845	0.000	0.83	-5.41	0.06	-2.07	3.80	5.13	3.80	3.80
263	45	45	5.750	5.350	0.000	1.96	-4.23	0.37	-1.76	3.80	4.00	3.80	3.80
264	45	45	6.238	4.855	0.000	3.24	-2.82	0.78	-1.26	3.80	3.80	3.80	3.80
265	45	45	4.775	6.341	0.000	0.30	-6.02	0.00	-2.18	3.80	5.71	3.80	3.80
266	45	45	6.725	4.359	0.000	4.76	-1.31	1.10	-0.60	4.50	3.80	3.80	3.80
267	45	45	7.213	3.864	0.000	5.47	-0.60	1.33	-0.11	5.18	3.80	3.80	3.80
268	45	45	4.288	6.836	0.000	0.04	-6.34	0.00	-2.29	3.80	6.02	3.80	3.80
269	45	45	3.800	7.332	0.000	0.00	-6.44	0.00	-2.27	3.80	6.12	3.80	3.80
270	45	45	7.700	3.368	0.000	7.07	-0.15	1.96	0.00	6.72	3.80	3.80	3.80
271	45	45	3.313	7.827	0.000	0.07	-6.33	0.00	-2.11	3.80	6.01	3.80	3.80
272	45	45	2.825	8.323	0.000	0.41	-6.09	0.00	-1.97	3.80	5.78	3.80	3.80
273	45	45	2.338	8.818	0.000	1.23	-5.61	0.22	-1.89	3.80	5.31	3.80	3.80
274	45	45	1.850	9.314	0.000	2.73	-4.62	0.81	-1.66	3.80	4.37	3.80	3.80
275	45	45	1.363	9.809	0.000	4.54	-3.19	1.62	-1.16	4.29	3.80	3.80	3.80
276	45	45	0.875	10.305	0.000	6.40	-1.45	2.49	-0.59	6.08	3.80	3.80	3.80
277	45	45	-0.100	10.305	0.000	5.93	-0.15	1.65	-0.16	5.63	3.80	3.80	3.80
278	45	45	0.388	10.800	0.000	6.93	-0.60	2.82	-0.35	6.59	3.80	3.80	3.80
279	45	45	5.263	6.341	0.000	0.88	-5.51	0.06	-2.06	3.80	5.22	3.80	3.80
280	45	45	5.750	5.845	0.000	2.05	-4.35	0.41	-1.76	3.80	4.11	3.80	3.80
281	45	45	6.238	5.350	0.000	3.82	-2.90	0.95	-1.15	3.80	3.80	3.80	3.80

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
282	45	45	6.725	4.855	0.000	4.61	-1.31	1.29	-0.53	4.36	3.80	3.80	3.80
283	45	45	4.775	6.836	0.000	0.32	-6.09	0.00	-2.14	3.80	5.78	3.80	3.80
284	45	45	7.213	4.359	0.000	5.95	-0.59	1.77	-0.10	5.64	3.80	3.80	3.80
285	45	45	7.700	3.864	0.000	7.64	-0.14	1.96	0.00	7.27	3.80	3.80	3.80
286	45	45	4.288	7.332	0.000	0.05	-6.38	0.00	-2.22	3.80	6.05	3.80	3.80
287	45	45	3.800	7.827	0.000	0.00	-6.46	0.00	-2.17	3.80	6.13	3.80	3.80
288	45	45	3.313	8.323	0.000	0.08	-6.34	0.00	-2.00	3.80	6.02	3.80	3.80
289	45	45	2.825	8.818	0.000	0.44	-6.10	0.02	-1.88	3.80	5.78	3.80	3.80
290	45	45	2.338	9.314	0.000	1.32	-5.60	0.34	-1.79	3.80	5.30	3.80	3.80
291	45	45	1.850	9.809	0.000	2.92	-4.56	1.05	-1.50	3.80	4.31	3.80	3.80
292	45	45	1.363	10.305	0.000	4.87	-3.11	1.97	-0.95	4.61	3.80	3.80	3.80
293	45	45	0.875	10.800	0.000	6.26	-1.42	3.36	-0.46	5.94	3.80	3.80	3.80
294	45	45	-0.100	10.800	0.000	6.34	-0.05	2.42	-0.09	6.02	3.80	3.80	3.80
295	45	45	0.388	11.295	0.000	7.46	-0.65	2.63	-0.30	7.10	3.80	3.80	3.80
296	500	500	0.100	10.800	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
297	45	45	5.263	6.836	0.000	0.93	-5.59	0.06	-2.06	3.80	5.30	3.80	3.80
298	45	45	5.750	6.341	0.000	2.12	-4.47	0.42	-1.80	3.80	4.22	3.80	3.80
299	45	45	6.238	5.845	0.000	3.37	-3.00	0.95	-1.22	3.80	3.80	3.80	3.80
300	45	45	6.725	5.350	0.000	4.64	-1.20	1.71	-0.50	4.38	3.80	3.80	3.80
301	45	45	7.213	4.855	0.000	6.19	-0.57	1.79	-0.07	5.88	3.80	3.80	3.80
302	45	45	4.775	7.332	0.000	0.34	-6.14	0.00	-2.11	3.80	5.83	3.80	3.80
303	45	45	7.700	4.359	0.000	7.28	-0.12	1.70	-0.06	6.92	3.80	3.80	3.80
304	45	45	4.288	7.827	0.000	0.06	-6.39	0.00	-2.13	3.80	6.07	3.80	3.80
305	45	45	3.800	8.323	0.000	0.00	-6.47	0.00	-2.06	3.80	6.14	3.80	3.80
306	45	45	3.313	8.818	0.000	0.09	-6.35	0.00	-1.87	3.80	6.03	3.80	3.80
307	45	45	2.825	9.314	0.000	0.48	-6.11	0.05	-1.77	3.80	5.79	3.80	3.80
308	45	45	2.338	9.809	0.000	1.40	-5.59	0.50	-1.66	3.80	5.29	3.80	3.80
309	45	45	1.850	10.305	0.000	3.10	-4.49	1.31	-1.33	3.80	4.25	3.80	3.80
310	45	45	1.363	10.800	0.000	5.60	-3.04	2.42	-0.84	5.31	3.80	3.80	3.80
311	45	45	0.875	11.295	0.000	6.41	-1.45	2.49	-0.59	6.08	3.80	3.80	3.80
312	45	45	-0.100	11.295	0.000	5.94	-0.15	1.65	-0.16	5.63	3.80	3.80	3.80
313	45	45	0.388	11.791	0.000	7.04	-0.75	2.58	-0.34	6.69	3.80	3.80	3.80
314	45	45	5.263	7.332	0.000	0.97	-5.66	0.06	-2.06	3.80	5.36	3.80	3.80
315	45	45	5.750	6.836	0.000	2.18	-4.58	0.42	-1.83	3.80	4.33	3.80	3.80
316	45	45	6.238	6.341	0.000	3.61	-3.10	0.93	-1.30	3.80	3.80	3.80	3.80
317	45	45	6.725	5.845	0.000	5.28	-1.43	1.48	-0.54	5.00	3.80	3.80	3.80
318	45	45	7.213	5.350	0.000	5.94	-0.02	1.96	-0.01	5.63	3.80	3.80	3.80
319	45	45	7.700	4.855	0.000	5.60	-0.10	1.64	-0.08	5.31	3.80	3.80	3.80
320	45	45	4.775	7.827	0.000	0.36	-6.17	0.00	-2.06	3.80	5.86	3.80	3.80
321	45	45	4.288	8.323	0.000	0.07	-6.40	0.00	-2.02	3.80	6.08	3.80	3.80
322	45	45	3.800	8.818	0.000	0.00	-6.49	0.00	-1.92	3.80	6.16	3.80	3.80
323	45	45	3.313	9.314	0.000	0.10	-6.37	0.00	-1.72	3.80	6.05	3.80	3.80
324	45	45	2.825	9.809	0.000	0.50	-6.13	0.11	-1.65	3.80	5.81	3.80	3.80
325	45	45	2.338	10.305	0.000	1.44	-5.60	0.65	-1.54	3.80	5.31	3.80	3.80
326	45	45	1.850	10.800	0.000	3.31	-4.45	1.48	-1.23	3.80	4.20	3.80	3.80
327	45	45	1.363	11.295	0.000	4.88	-3.11	1.97	-0.95	4.61	3.80	3.80	3.80
328	45	45	0.875	11.791	0.000	6.25	-1.65	2.18	-0.75	5.93	3.80	3.80	3.80
329	45	45	-0.100	11.791	0.000	7.58	-0.22	1.79	-0.18	7.21	3.80	3.80	3.80
330	45	45	0.388	12.286	0.000	7.03	-0.82	1.89	-0.35	6.68	3.80	3.80	3.80
331	45	45	5.750	7.332	0.000	2.24	-4.67	0.43	-1.86	3.80	4.42	3.80	3.80
332	45	45	5.263	7.827	0.000	1.02	-5.71	0.08	-2.04	3.80	5.41	3.80	3.80
333	45	45	6.238	6.836	0.000	3.66	-3.21	0.91	-1.38	3.80	3.80	3.80	3.80
334	45	45	6.725	6.341	0.000	5.67	-1.55	1.48	-0.61	5.38	3.80	3.80	3.80
335	45	45	7.213	5.845	0.000	7.38	0.00	1.86	-0.01	7.02	3.80	3.80	3.80
336	45	45	7.500	5.400	0.000	4.79	-0.02	1.38	-0.09	4.53	3.80	3.80	3.80
337	45	45	7.700	5.350	0.000	3.17	-0.02	1.41	-0.13	3.80	3.80	3.80	3.80
338	45	45	4.775	8.323	0.000	0.39	-6.19	0.00	-2.00	3.80	5.87	3.80	3.80
339	45	45	4.288	8.818	0.000	0.08	-6.41	0.00	-1.89	3.80	6.09	3.80	3.80
340	45	45	3.800	9.314	0.000	0.00	-6.51	0.00	-1.77	3.80	6.18	3.80	3.80
341	45	45	3.313	9.809	0.000	0.11	-6.40	0.00	-1.59	3.80	6.08	3.80	3.80
342	45	45	2.825	10.305	0.000	0.50	-6.16	0.15	-1.56	3.80	5.84	3.80	3.80
343	45	45	2.338	10.800	0.000	1.42	-5.63	0.73	-1.49	3.80	5.34	3.80	3.80
344	45	45	1.850	11.295	0.000	3.10	-4.49	1.31	-1.33	3.80	4.25	3.80	3.80
345	45	45	1.363	11.791	0.000	4.54	-3.19	1.62	-1.16	4.29	3.80	3.80	3.80
346	45	45	0.875	12.286	0.000	6.14	-1.79	1.63	-0.87	5.82	3.80	3.80	3.80
347	45	45	-0.100	12.286	0.000	8.52	-0.28	2.20	-0.05	8.13	3.80	3.80	3.80
348	45	45	0.388	12.782	0.000	7.09	-0.84	1.93	-0.27	6.74	3.80	3.80	3.80
349	45	45	5.750	7.827	0.000	2.31	-4.74	0.46	-1.87	3.80	4.48	3.80	3.80
350	45	45	6.238	7.332	0.000	3.74	-3.31	0.91	-1.43	3.80	3.80	3.80	3.80
351	45	45	5.263	8.323	0.000	1.09	-5.73	0.12	-2.00	3.80	5.43	3.80	3.80
352	45	45	6.725	6.836	0.000	5.80	-1.67	1.42	-0.73	5.50	3.80	3.80	3.80
353	45	45	7.213	6.341	0.000	6.68	-0.69	1.85	-0.11	6.34	3.80	3.80	3.80
354	45	45	7.700	5.845	0.000	6.70	-0.02	1.99	-0.08	6.36	3.80	3.80	3.80
355	45	45	7.700	5.400	0.000	5.51	-0.03	1.72	-0.10	5.22	3.80	3.80	3.80
356	45	45	4.775	8.818	0.000	0.42	-6.20	0.02	-1.91	3.80	5.88	3.80	3.80
357	45	45	4.288	9.314	0.000	0.09	-6.43	0.00	-1.74	3.80	6.11	3.80	3.80
358	45	45	3.800	9.809	0.000	0.00	-6.54	0.00	-1.62	3.80	6.21	3.80	3.80
359	45	45	3.313	10.305	0.000	0.11	-6.44	0.01	-1.48	3.80	6.11	3.80	3.80
360	45	45	2.825	10.800	0.000	0.48	-6.19	0.17	-1.52	3.80	5.87	3.80	3.80
361	45	45	2.338	11.295	0.000	1.44	-5.60	0.65	-1.54	3.80	5.31	3.80	3.80
362	45	45	1.850	11.791	0.000	2.92	-4.56	1.05	-1.50	3.80	4.32	3.80	3.80
363	45	45	1.363	12.286	0.000	4.30	-3.28	1.26	-1.35	4.07	3.80	3.80	3.80
364	45	45	0.875	12.782	0.000	6.07	-1.85	1.48	-0.90	5.76	3.80	3.80	3.80

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
365	45	45	-0.100	12.782	0.000	9.05	-0.29	2.44	-0.02	8.64	3.80	3.80	3.80
366	45	45	0.388	13.277	0.000	7.12	-0.83	1.99	-0.18	6.77	3.80	3.80	3.80
367	45	45	6.238	7.827	0.000	3.83	-3.38	0.93	-1.47	3.80	3.80	3.80	3.80
368	45	45	5.750	8.323	0.000	2.40	-4.77	0.51	-1.85	3.80	4.51	3.80	3.80
369	45	45	6.725	7.332	0.000	5.90	-1.77	1.42	-0.80	5.59	3.80	3.80	3.80
370	45	45	5.263	8.818	0.000	1.17	-5.73	0.20	-1.93	3.80	5.43	3.80	3.80
371	45	45	7.213	6.836	0.000	6.99	-0.75	1.93	-0.12	6.64	3.80	3.80	3.80
372	45	45	7.700	6.341	0.000	8.96	-0.17	2.13	-0.07	8.55	3.80	3.80	3.80
373	45	45	4.775	9.314	0.000	0.45	-6.21	0.05	-1.80	3.80	5.89	3.80	3.80
374	45	45	4.288	9.809	0.000	0.10	-6.46	0.00	-1.60	3.80	6.14	3.80	3.80
375	45	45	3.800	10.305	0.000	0.00	-6.58	0.00	-1.52	3.80	6.25	3.80	3.80
376	45	45	3.313	10.800	0.000	0.10	-6.46	0.02	-1.44	3.80	6.13	3.80	3.80
377	45	45	2.825	11.295	0.000	0.50	-6.16	0.15	-1.56	3.80	5.84	3.80	3.80
378	45	45	2.338	11.791	0.000	1.40	-5.59	0.50	-1.66	3.80	5.30	3.80	3.80
379	45	45	1.850	12.286	0.000	2.74	-4.63	0.81	-1.65	3.80	4.37	3.80	3.80
380	45	45	1.363	12.782	0.000	4.13	-3.33	1.07	-1.44	3.90	3.80	3.80	3.80
381	45	45	0.875	13.277	0.000	6.02	-1.84	1.46	-0.86	5.71	3.80	3.80	3.80
382	45	45	-0.100	13.277	0.000	9.32	-0.28	2.57	0.00	8.90	3.80	3.80	3.80
383	45	45	0.388	13.773	0.000	7.10	-0.81	2.00	-0.13	6.75	3.80	3.80	3.80
384	45	45	6.238	8.323	0.000	3.93	-3.41	0.96	-1.49	3.80	3.80	3.80	3.80
385	45	45	6.725	7.827	0.000	5.97	-1.85	1.43	-0.83	5.66	3.80	3.80	3.80
386	45	45	5.750	8.818	0.000	2.52	-4.77	0.61	-1.80	3.80	4.51	3.80	3.80
387	45	45	7.213	7.332	0.000	7.08	-0.80	1.98	-0.12	6.73	3.80	3.80	3.80
388	45	45	5.263	9.314	0.000	1.25	-5.72	0.33	-1.82	3.80	5.42	3.80	3.80
389	45	45	7.700	6.836	0.000	9.39	-0.21	2.57	0.00	8.97	3.80	3.80	3.80
390	45	45	4.775	9.809	0.000	0.48	-6.22	0.10	-1.68	3.80	5.91	3.80	3.80
391	45	45	4.288	10.305	0.000	0.09	-6.50	0.01	-1.50	3.80	6.17	3.80	3.80
392	45	45	3.800	10.800	0.000	0.00	-6.60	0.00	-1.48	3.80	6.27	3.80	3.80
393	45	45	3.313	11.295	0.000	0.11	-6.44	0.01	-1.48	3.80	6.11	3.80	3.80
394	45	45	2.825	11.791	0.000	0.50	-6.13	0.11	-1.65	3.80	5.81	3.80	3.80
395	45	45	2.338	12.286	0.000	1.32	-5.60	0.34	-1.78	3.80	5.31	3.80	3.80
396	45	45	1.850	12.782	0.000	2.59	-4.66	0.63	-1.76	3.80	4.41	3.80	3.80
397	45	45	1.363	13.277	0.000	4.00	-3.33	0.99	-1.45	3.80	3.80	3.80	3.80
398	45	45	0.875	13.773	0.000	5.97	-1.79	1.45	-0.81	5.66	3.80	3.80	3.80
399	45	45	-0.100	13.773	0.000	9.42	-0.26	2.62	0.00	9.00	3.80	3.80	3.80
400	500	500	-0.100	13.500	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
401	45	45	0.388	14.268	0.000	7.02	-0.77	1.96	-0.12	6.67	3.80	3.80	3.80
402	45	45	6.725	8.323	0.000	6.02	-1.89	1.44	-0.88	5.71	3.80	3.80	3.80
403	45	45	6.238	8.818	0.000	4.06	-3.41	1.04	-1.47	3.83	3.80	3.80	3.80
404	45	45	7.213	7.827	0.000	7.15	-0.83	2.01	-0.14	6.80	3.80	3.80	3.80
405	45	45	5.750	9.314	0.000	2.66	-4.74	0.78	-1.69	3.80	4.48	3.80	3.80
406	45	45	7.700	7.332	0.000	9.59	-0.24	2.67	0.00	9.16	3.80	3.80	3.80
407	45	45	5.263	9.809	0.000	1.34	-5.71	0.48	-1.69	3.80	5.41	3.80	3.80
408	45	45	4.775	10.305	0.000	0.48	-6.26	0.14	-1.58	3.80	5.94	3.80	3.80
409	45	45	4.288	10.800	0.000	0.09	-6.52	0.02	-1.46	3.80	6.19	3.80	3.80
410	45	45	3.800	11.295	0.000	0.00	-6.58	0.00	-1.52	3.80	6.25	3.80	3.80
411	45	45	3.313	11.791	0.000	0.11	-6.41	0.00	-1.59	3.80	6.08	3.80	3.80
412	45	45	2.825	12.286	0.000	0.48	-6.11	0.05	-1.77	3.80	5.80	3.80	3.80
413	45	45	2.338	12.782	0.000	1.23	-5.61	0.22	-1.89	3.80	5.32	3.80	3.80
414	45	45	1.850	13.277	0.000	2.48	-4.66	0.53	-1.81	3.80	4.40	3.80	3.80
415	45	45	1.363	13.773	0.000	3.90	-3.29	0.96	-1.43	3.80	3.80	3.80	3.80
416	45	45	0.875	14.268	0.000	5.89	-1.72	1.43	-0.78	5.59	3.80	3.80	3.80
417	45	45	-0.100	14.268	0.000	9.38	-0.23	2.60	0.00	8.96	3.80	3.80	3.80
418	45	45	0.388	14.764	0.000	6.92	-0.73	1.92	-0.12	6.58	3.80	3.80	3.80
419	45	45	7.213	8.323	0.000	7.17	-0.85	2.00	-0.19	6.82	3.80	3.80	3.80
420	45	45	6.725	8.818	0.000	6.07	-1.90	1.46	-0.92	5.76	3.80	3.80	3.80
421	45	45	6.238	9.314	0.000	4.23	-3.36	1.24	-1.38	4.00	3.80	3.80	3.80
422	45	45	7.700	7.827	0.000	9.63	-0.27	2.69	0.00	9.20	3.80	3.80	3.80
423	45	45	5.750	9.809	0.000	2.85	-4.67	1.03	-1.53	3.80	4.42	3.80	3.80
424	45	45	5.263	10.305	0.000	1.38	-5.72	0.64	-1.57	3.80	5.42	3.80	3.80
425	45	45	4.775	10.800	0.000	0.46	-6.29	0.16	-1.55	3.80	5.97	3.80	3.80
426	45	45	4.288	11.295	0.000	0.09	-6.50	0.01	-1.50	3.80	6.17	3.80	3.80
427	45	45	3.800	11.791	0.000	0.00	-6.55	0.00	-1.62	3.80	6.22	3.80	3.80
428	45	45	3.313	12.286	0.000	0.10	-6.38	0.00	-1.73	3.80	6.05	3.80	3.80
429	45	45	2.825	12.782	0.000	0.44	-6.10	0.02	-1.88	3.80	5.79	3.80	3.80
430	45	45	2.338	13.277	0.000	1.15	-5.61	0.14	-1.96	3.80	5.31	3.80	3.80
431	45	45	1.850	13.773	0.000	2.39	-4.62	0.48	-1.82	3.80	4.37	3.80	3.80
432	45	45	1.363	14.268	0.000	3.81	-3.22	0.94	-1.40	3.80	3.80	3.80	3.80
433	45	45	0.875	14.764	0.000	5.79	-1.62	1.44	-0.72	5.49	3.80	3.80	3.80
434	45	45	-0.100	14.764	0.000	9.18	-0.20	2.51	0.00	8.76	3.80	3.80	3.80
435	45	45	0.388	15.259	0.000	6.93	-0.67	2.02	-0.11	6.59	3.80	3.80	3.80
436	45	45	7.700	8.323	0.000	9.52	-0.29	2.64	0.00	9.10	3.80	3.80	3.80
437	45	45	7.213	8.818	0.000	7.14	-0.86	1.94	-0.28	6.79	3.80	3.80	3.80
438	45	45	6.725	9.314	0.000	6.14	-1.84	1.62	-0.89	5.83	3.80	3.80	3.80
439	45	45	6.238	9.809	0.000	4.48	-3.27	1.60	-1.19	4.23	3.80	3.80	3.80
440	500	500	7.700	8.100	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
441	45	45	5.750	10.305	0.000	3.04	-4.60	1.29	-1.36	3.80	4.35	3.80	3.80
442	45	45	5.263	10.800	0.000	1.36	-5.75	0.71	-1.52	3.80	5.46	3.80	3.80
443	45	45	4.775	11.295	0.000	0.48	-6.26	0.14	-1.58	3.80	5.94	3.80	3.80
444	45	45	4.288	11.791	0.000	0.10	-6.47	0.00	-1.60	3.80	6.14	3.80	3.80
445	45	45	3.800	12.286	0.000	0.00	-6.51	0.00	-1.77	3.80	6.19	3.80	3.80
446	45	45	3.313	12.782	0.000	0.09	-6.36	0.00	-1.87	3.80	6.04	3.80	3.80
447	45	45	2.825	13.277	0.000	0.41	-6.09	0.00	-1.97	3.80	5.78	3.80	3.80

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
448	45	45	2.338	13.773	0.000	1.09	-5.59	0.09	-2.00	3.80	5.29	3.80	3.80
449	45	45	1.850	14.268	0.000	2.32	-4.56	0.45	-1.82	3.80	4.31	3.80	3.80
450	45	45	1.363	14.764	0.000	3.73	-3.13	0.94	-1.35	3.80	3.80	3.80	3.80
451	45	45	0.875	15.259	0.000	5.67	-1.50	1.49	-0.59	5.37	3.80	3.80	3.80
452	45	45	-0.100	15.259	0.000	8.76	-0.16	2.07	-0.07	8.35	3.80	3.80	3.80
453	45	45	0.388	15.755	0.000	7.19	-0.73	2.01	-0.09	6.83	3.80	3.80	3.80
454	45	45	7.700	8.818	0.000	9.25	-0.30	2.50	-0.02	8.84	3.80	3.80	3.80
455	45	45	7.213	9.314	0.000	7.08	-0.84	1.90	-0.35	6.73	3.80	3.80	3.80
456	45	45	6.725	9.809	0.000	6.25	-1.69	2.18	-0.76	5.93	3.80	3.80	3.80
457	45	45	6.238	10.305	0.000	4.82	-3.18	1.96	-0.97	4.56	3.80	3.80	3.80
458	45	45	5.750	10.800	0.000	3.25	-4.55	1.46	-1.25	3.80	4.31	3.80	3.80
459	45	45	5.263	11.295	0.000	1.38	-5.72	0.64	-1.57	3.80	5.42	3.80	3.80
460	45	45	4.775	11.791	0.000	0.48	-6.23	0.10	-1.68	3.80	5.91	3.80	3.80
461	45	45	4.288	12.286	0.000	0.09	-6.44	0.00	-1.75	3.80	6.11	3.80	3.80
462	45	45	3.800	12.782	0.000	0.00	-6.49	0.00	-1.92	3.80	6.16	3.80	3.80
463	45	45	3.313	13.277	0.000	0.08	-6.35	0.00	-2.00	3.80	6.03	3.80	3.80
464	45	45	2.825	13.773	0.000	0.39	-6.08	0.00	-2.03	3.80	5.77	3.80	3.80
465	45	45	2.338	14.268	0.000	1.03	-5.54	0.07	-2.02	3.80	5.25	3.80	3.80
466	45	45	1.850	14.764	0.000	2.25	-4.47	0.44	-1.79	3.80	4.22	3.80	3.80
467	45	45	1.363	15.259	0.000	3.67	-3.02	0.95	-1.27	3.80	3.80	3.80	3.80
468	45	45	0.875	15.755	0.000	5.55	-1.38	1.49	-0.53	5.26	3.80	3.80	3.80
469	45	45	-0.100	15.755	0.000	6.69	-0.13	1.94	-0.08	6.35	3.80	3.80	3.80
470	45	45	0.388	16.250	0.000	5.18	-0.49	2.07	-0.01	4.90	3.80	3.80	3.80
471	45	45	0.100	16.200	0.000	4.86	-0.08	1.90	-0.09	4.60	3.80	3.80	3.80
472	45	45	7.700	9.314	0.000	8.71	-0.28	2.25	-0.05	8.31	3.80	3.80	3.80
473	45	45	7.213	9.809	0.000	7.09	-0.77	2.61	-0.34	6.74	3.80	3.80	3.80
474	45	45	6.725	10.305	0.000	6.41	-1.50	2.49	-0.60	6.09	3.80	3.80	3.80
475	45	45	6.238	10.800	0.000	5.58	-3.11	2.42	-0.86	5.29	3.80	3.80	3.80
476	45	45	5.750	11.295	0.000	3.04	-4.60	1.29	-1.36	3.80	4.35	3.80	3.80
477	45	45	5.263	11.791	0.000	1.34	-5.71	0.48	-1.69	3.80	5.41	3.80	3.80
478	45	45	4.775	12.286	0.000	0.45	-6.21	0.05	-1.80	3.80	5.89	3.80	3.80
479	45	45	4.288	12.782	0.000	0.08	-6.42	0.00	-1.89	3.80	6.09	3.80	3.80
480	45	45	3.800	13.277	0.000	0.00	-6.48	0.00	-2.06	3.80	6.15	3.80	3.80
481	45	45	3.313	13.773	0.000	0.07	-6.34	0.00	-2.11	3.80	6.02	3.80	3.80
482	45	45	2.825	14.268	0.000	0.37	-6.05	0.00	-2.08	3.80	5.74	3.80	3.80
483	45	45	2.338	14.764	0.000	0.99	-5.48	0.06	-2.03	3.80	5.19	3.80	3.80
484	45	45	1.850	15.259	0.000	2.19	-4.36	0.44	-1.76	3.80	4.12	3.80	3.80
485	45	45	1.363	15.755	0.000	3.71	-2.92	0.97	-1.19	3.80	3.80	3.80	3.80
486	45	45	0.875	16.250	0.000	4.20	-1.15	1.59	-0.49	3.96	3.80	3.80	3.80
487	45	45	-0.100	16.200	0.000	4.56	-0.12	1.65	-0.20	4.32	3.80	3.80	3.80
488	45	45	0.388	16.745	0.000	6.12	-0.55	1.65	-0.07	5.81	3.80	3.80	3.80
489	45	45	-0.100	16.250	0.000	4.86	-0.08	1.78	-0.09	4.60	3.80	3.80	3.80
490	45	45	-0.100	16.745	0.000	5.48	-0.08	1.60	-0.08	5.19	3.80	3.80	3.80
491	45	45	7.700	9.809	0.000	7.74	-0.23	1.83	-0.18	7.37	3.80	3.80	3.80
492	45	45	7.213	10.305	0.000	7.55	-0.66	2.67	-0.30	7.18	3.80	3.80	3.80
493	45	45	6.725	10.800	0.000	6.27	-1.46	3.39	-0.47	5.95	3.80	3.80	3.80
494	45	45	6.238	11.295	0.000	4.82	-3.18	1.96	-0.97	4.56	3.80	3.80	3.80
495	45	45	5.750	11.791	0.000	2.85	-4.67	1.03	-1.53	3.80	4.42	3.80	3.80
496	45	45	5.263	12.286	0.000	1.25	-5.72	0.33	-1.82	3.80	5.42	3.80	3.80
497	45	45	4.775	12.782	0.000	0.42	-6.20	0.02	-1.91	3.80	5.89	3.80	3.80
498	45	45	4.288	13.277	0.000	0.07	-6.41	0.00	-2.03	3.80	6.09	3.80	3.80
499	45	45	3.800	13.773	0.000	0.00	-6.47	0.00	-2.18	3.80	6.14	3.80	3.80
500	45	45	3.313	14.268	0.000	0.06	-6.33	0.00	-2.20	3.80	6.00	3.80	3.80
501	45	45	2.825	14.764	0.000	0.35	-6.00	0.00	-2.11	3.80	5.69	3.80	3.80
502	45	45	2.338	15.259	0.000	0.94	-5.39	0.06	-2.03	3.80	5.11	3.80	3.80
503	45	45	1.850	15.755	0.000	2.12	-4.24	0.43	-1.73	3.80	4.01	3.80	3.80
504	45	45	1.363	16.250	0.000	3.87	-2.82	0.97	-1.13	3.80	3.80	3.80	3.80
505	45	45	0.875	16.745	0.000	4.62	-1.26	1.30	-0.52	4.37	3.80	3.80	3.80
506	45	45	0.388	17.241	0.000	5.87	-0.57	1.62	-0.10	5.57	3.80	3.80	3.80
507	45	45	-0.100	17.241	0.000	7.10	-0.11	1.66	-0.06	6.75	3.80	3.80	3.80
508	45	45	7.700	10.305	0.000	6.04	-0.15	1.68	-0.17	5.73	3.80	3.80	3.80
509	45	45	7.213	10.800	0.000	6.99	-0.62	2.87	-0.36	6.64	3.80	3.80	3.80
510	45	45	6.725	11.295	0.000	6.41	-1.50	2.49	-0.60	6.09	3.80	3.80	3.80
511	45	45	6.238	11.791	0.000	4.48	-3.27	1.60	-1.19	4.23	3.80	3.80	3.80
512	45	45	5.750	12.286	0.000	2.66	-4.74	0.78	-1.69	3.80	4.48	3.80	3.80
513	45	45	5.263	12.782	0.000	1.17	-5.73	0.20	-1.93	3.80	5.43	3.80	3.80
514	45	45	4.775	13.277	0.000	0.39	-6.20	0.00	-2.00	3.80	5.88	3.80	3.80
515	45	45	4.288	13.773	0.000	0.06	-6.40	0.00	-2.13	3.80	6.08	3.80	3.80
516	45	45	3.800	14.268	0.000	0.00	-6.45	0.00	-2.27	3.80	6.13	3.80	3.80
517	45	45	3.313	14.764	0.000	0.05	-6.29	0.00	-2.27	3.80	5.97	3.80	3.80
518	45	45	2.825	15.259	0.000	0.33	-5.93	0.00	-2.15	3.80	5.62	3.80	3.80
519	45	45	2.338	15.755	0.000	0.89	-5.30	0.06	-2.04	3.80	5.02	3.80	3.80
520	45	45	1.850	16.250	0.000	2.03	-4.12	0.39	-1.73	3.80	3.90	3.80	3.80
521	45	45	1.363	16.745	0.000	3.30	-2.74	0.80	-1.23	3.80	3.80	3.80	3.80
522	45	45	0.875	17.241	0.000	4.75	-1.27	1.12	-0.59	4.49	3.80	3.80	3.80
523	45	45	0.388	17.736	0.000	5.39	-0.58	1.32	-0.11	5.11	3.80	3.80	3.80
524	45	45	-0.100	17.736	0.000	7.43	-0.13	1.91	0.00	7.07	3.80	3.80	3.80
525	45	45	7.700	10.800	0.000	6.48	-0.05	2.49	-0.09	6.15	3.80	3.80	3.80
526	45	45	7.213	11.295	0.000	7.55	-0.66	2.67	-0.30	7.18	3.80	3.80	3.80
527	500	500	7.500	10.800	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
528	45	45	6.725	11.791	0.000	6.25	-1.69	2.18	-0.76	5.93	3.80	3.80	3.80
529	45	45	6.238	12.286	0.000	4.23	-3.36	1.23	-1.39	4.00	3.80	3.80	3.80
530	45	45	5.750	12.782	0.000	2.52	-4.77	0.61	-1.80	3.80	4.52	3.80	3.80



ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
531	45	45	5.263	13.277	0.000	1.09	-5.73	0.12	-2.00	3.80	5.43	3.80	3.80
532	45	45	4.775	13.773	0.000	0.36	-6.18	0.00	-2.07	3.80	5.86	3.80	3.80
533	45	45	4.288	14.268	0.000	0.05	-6.39	0.00	-2.22	3.80	6.06	3.80	3.80
534	45	45	3.800	14.764	0.000	0.00	-6.42	0.00	-2.36	3.80	6.09	3.80	3.80
535	45	45	3.313	15.259	0.000	0.04	-6.23	0.00	-2.34	3.80	5.91	3.80	3.80
536	45	45	2.825	15.755	0.000	0.31	-5.83	0.00	-2.20	3.80	5.53	3.80	3.80
537	45	45	2.338	16.250	0.000	0.83	-5.18	0.06	-2.08	3.80	4.90	3.80	3.80
538	45	45	1.850	16.745	0.000	1.90	-3.99	0.31	-1.80	3.80	3.80	3.80	3.80
539	45	45	1.363	17.241	0.000	2.99	-2.66	0.65	-1.33	3.80	3.80	3.80	3.80
540	45	45	0.875	17.736	0.000	4.37	-1.28	0.89	-0.69	4.13	3.80	3.80	3.80
541	45	45	0.388	18.232	0.000	4.86	-0.58	1.15	-0.10	4.60	3.80	3.80	3.80
542	45	45	-0.100	18.232	0.000	6.86	-0.15	1.90	0.00	6.52	3.80	3.80	3.80
543	45	45	7.700	11.295	0.000	6.05	-0.15	1.68	-0.17	5.73	3.80	3.80	3.80
544	45	45	7.213	11.791	0.000	7.09	-0.77	2.61	-0.34	6.74	3.80	3.80	3.80
545	45	45	6.725	12.286	0.000	6.14	-1.84	1.62	-0.89	5.83	3.80	3.80	3.80
546	45	45	6.238	12.782	0.000	4.06	-3.41	1.04	-1.47	3.83	3.80	3.80	3.80
547	45	45	5.750	13.277	0.000	2.40	-4.77	0.51	-1.86	3.80	4.52	3.80	3.80
548	45	45	5.263	13.773	0.000	1.03	-5.71	0.08	-2.04	3.80	5.41	3.80	3.80
549	45	45	4.775	14.268	0.000	0.34	-6.15	0.00	-2.11	3.80	5.83	3.80	3.80
550	45	45	4.288	14.764	0.000	0.04	-6.35	0.00	-2.29	3.80	6.03	3.80	3.80
551	45	45	3.800	15.259	0.000	0.00	-6.36	0.00	-2.44	3.80	6.04	3.80	3.80
552	45	45	3.313	15.755	0.000	0.04	-6.13	0.00	-2.42	3.80	5.82	3.80	3.80
553	45	45	2.825	16.250	0.000	0.28	-5.69	0.00	-2.27	3.80	5.39	3.80	3.80
554	45	45	2.338	16.745	0.000	0.79	-4.99	0.04	-2.14	3.80	4.72	3.80	3.80
555	45	45	1.850	17.241	0.000	1.75	-3.86	0.21	-1.88	3.80	3.80	3.80	3.80
556	45	45	1.363	17.736	0.000	2.71	-2.59	0.51	-1.40	3.80	3.80	3.80	3.80
557	45	45	0.875	18.232	0.000	3.93	-1.27	0.75	-0.72	3.80	3.80	3.80	3.80
558	45	45	0.388	18.727	0.000	4.22	-0.57	0.99	-0.10	3.98	3.80	3.80	3.80
559	45	45	-0.100	18.727	0.000	6.05	-0.16	1.69	0.00	5.74	3.80	3.80	3.80
560	45	45	7.700	11.791	0.000	7.74	-0.23	1.83	-0.18	7.37	3.80	3.80	3.80
561	45	45	7.213	12.286	0.000	7.08	-0.84	1.90	-0.35	6.73	3.80	3.80	3.80
562	45	45	6.725	12.782	0.000	6.07	-1.90	1.46	-0.92	5.76	3.80	3.80	3.80
563	45	45	6.238	13.277	0.000	3.93	-3.41	0.96	-1.49	3.80	3.80	3.80	3.80
564	45	45	5.750	13.773	0.000	2.32	-4.74	0.46	-1.87	3.80	4.48	3.80	3.80
565	45	45	5.263	14.268	0.000	0.97	-5.67	0.06	-2.06	3.80	5.37	3.80	3.80
566	45	45	4.775	14.764	0.000	0.32	-6.10	0.00	-2.15	3.80	5.79	3.80	3.80
567	45	45	4.288	15.259	0.000	0.03	-6.29	0.00	-2.36	3.80	5.97	3.80	3.80
568	45	45	3.800	15.755	0.000	0.00	-6.26	0.00	-2.53	3.80	5.94	3.80	3.80
569	45	45	3.313	16.250	0.000	0.03	-5.98	0.00	-2.52	3.80	5.67	3.80	3.80
570	45	45	2.825	16.745	0.000	0.27	-5.48	0.00	-2.36	3.80	5.20	3.80	3.80
571	45	45	2.338	17.241	0.000	0.74	-4.77	0.02	-2.21	3.80	4.51	3.80	3.80
572	45	45	1.850	17.736	0.000	1.58	-3.69	0.14	-1.93	3.80	3.80	3.80	3.80
573	45	45	1.363	18.232	0.000	2.41	-2.48	0.43	-1.41	3.80	3.80	3.80	3.80
574	45	45	0.875	18.727	0.000	3.41	-1.23	0.65	-0.69	3.80	3.80	3.80	3.80
575	45	45	0.388	19.223	0.000	3.47	-0.54	0.81	-0.09	3.80	3.80	3.80	3.80
576	45	45	-0.100	19.223	0.000	5.07	-0.17	1.43	0.00	4.79	3.80	3.80	3.80
577	500	500	-0.100	18.751	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
578	45	45	7.700	12.286	0.000	8.72	-0.28	2.25	-0.05	8.32	3.80	3.80	3.80
579	45	45	7.213	12.782	0.000	7.14	-0.86	1.94	-0.28	6.79	3.80	3.80	3.80
580	45	45	6.725	13.277	0.000	6.03	-1.89	1.44	-0.88	5.71	3.80	3.80	3.80
581	45	45	6.238	13.773	0.000	3.83	-3.38	0.93	-1.47	3.80	3.80	3.80	3.80
582	45	45	5.750	14.268	0.000	2.25	-4.67	0.43	-1.86	3.80	4.42	3.80	3.80
583	45	45	5.263	14.764	0.000	0.93	-5.60	0.06	-2.07	3.80	5.31	3.80	3.80
584	45	45	4.775	15.259	0.000	0.30	-6.03	0.00	-2.18	3.80	5.72	3.80	3.80
585	45	45	4.288	15.755	0.000	0.03	-6.20	0.00	-2.44	3.80	5.88	3.80	3.80
586	45	45	3.800	16.250	0.000	0.00	-6.10	0.00	-2.63	3.80	5.78	3.80	3.80
587	45	45	3.313	16.745	0.000	0.03	-5.75	0.00	-2.61	3.80	5.45	3.80	3.80
588	45	45	2.825	17.241	0.000	0.26	-5.21	0.00	-2.43	3.80	4.94	3.80	3.80
589	45	45	2.338	17.736	0.000	0.68	-4.50	0.01	-2.24	3.80	4.26	3.80	3.80
590	45	45	1.850	18.232	0.000	1.41	-3.47	0.12	-1.90	3.80	3.80	3.80	3.80
591	45	45	1.363	18.727	0.000	2.08	-2.32	0.40	-1.34	3.80	3.80	3.80	3.80
592	45	45	0.875	19.223	0.000	2.82	-1.16	0.57	-0.61	3.80	3.80	3.80	3.80
593	45	45	0.388	19.718	0.000	2.67	-0.49	0.67	-0.08	3.80	3.80	3.80	3.80
594	45	45	-0.100	19.718	0.000	3.95	-0.17	1.12	0.00	3.80	3.80	3.80	3.80
595	45	45	7.700	12.782	0.000	9.26	-0.29	2.50	-0.02	8.84	3.80	3.80	3.80
596	45	45	7.213	13.277	0.000	7.18	-0.85	2.00	-0.19	6.82	3.80	3.80	3.80
597	45	45	6.725	13.773	0.000	5.97	-1.84	1.43	-0.83	5.66	3.80	3.80	3.80
598	45	45	6.238	14.268	0.000	3.75	-3.31	0.91	-1.44	3.80	3.80	3.80	3.80
599	45	45	5.750	14.764	0.000	2.18	-4.58	0.42	-1.83	3.80	4.33	3.80	3.80
600	45	45	5.263	15.259	0.000	0.88	-5.51	0.06	-2.07	3.80	5.22	3.80	3.80
601	45	45	4.775	15.755	0.000	0.28	-5.93	0.00	-2.23	3.80	5.63	3.80	3.80
602	45	45	4.288	16.250	0.000	0.02	-6.04	0.00	-2.54	3.80	5.73	3.80	3.80
603	45	45	3.800	16.745	0.000	0.00	-5.86	0.00	-2.72	3.80	5.56	3.80	3.80
604	45	45	3.313	17.241	0.000	0.03	-5.44	0.00	-2.69	3.80	5.15	3.80	3.80
605	45	45	2.825	17.736	0.000	0.24	-4.87	0.00	-2.45	3.80	4.61	3.80	3.80
606	45	45	2.338	18.232	0.000	0.62	-4.16	0.00	-2.18	3.80	3.93	3.80	3.80
607	45	45	1.850	18.727	0.000	1.23	-3.18	0.14	-1.77	3.80	3.80	3.80	3.80
608	45	45	1.363	19.223	0.000	1.73	-2.09	0.42	-1.15	3.80	3.80	3.80	3.80
609	45	45	0.875	19.718	0.000	2.19	-1.03	0.53	-0.47	3.80	3.80	3.80	3.80
610	45	45	0.388	20.214	0.000	1.82	-0.39	0.58	-0.05	3.80	3.80	3.80	3.80
611	45	45	-0.100	20.214	0.000	2.71	-0.15	0.78	-0.03	3.80	3.80	3.80	3.80
612	45	45	7.700	13.277	0.000	9.53	-0.29	2.64	0.00	9.11	3.80	3.80	3.80
613	45	45	7.213	13.773	0.000	7.15	-0.83	2.01	-0.14	6.80	3.80	3.80	3.80

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
614	45	45	6.725	14.268	0.000	5.90	-1.77	1.41	-0.80	5.59	3.80	3.80	3.80
615	45	45	6.238	14.764	0.000	3.67	-3.21	0.91	-1.38	3.80	3.80	3.80	3.80
616	45	45	5.750	15.259	0.000	2.13	-4.47	0.42	-1.79	3.80	4.22	3.80	3.80
617	45	45	5.263	15.755	0.000	0.83	-5.42	0.06	-2.07	3.80	5.13	3.80	3.80
618	45	45	4.775	16.250	0.000	0.26	-5.80	0.00	-2.31	3.80	5.49	3.80	3.80
619	45	45	4.288	16.745	0.000	0.02	-5.81	0.00	-2.64	3.80	5.51	3.80	3.80
620	45	45	3.800	17.241	0.000	0.00	-5.54	0.00	-2.80	3.80	5.25	3.80	3.80
621	45	45	3.313	17.736	0.000	0.03	-5.04	0.00	-2.69	3.80	4.77	3.80	3.80
622	45	45	2.825	18.232	0.000	0.22	-4.43	0.00	-2.35	3.80	4.19	3.80	3.80
623	45	45	2.338	18.727	0.000	0.56	-3.72	0.03	-1.98	3.80	3.80	3.80	3.80
624	45	45	1.850	19.223	0.000	1.04	-2.79	0.22	-1.47	3.80	3.80	3.80	3.80
625	45	45	1.363	19.718	0.000	1.33	-1.76	0.49	-0.86	3.80	3.80	3.80	3.80
626	45	45	0.875	20.214	0.000	1.52	-0.79	0.66	-0.30	3.80	3.80	3.80	3.80
627	45	45	0.388	20.709	0.000	0.88	-0.26	0.76	-0.21	3.80	3.80	3.80	3.80
628	45	45	-0.100	20.709	0.000	1.41	-0.16	0.54	-0.06	3.80	3.80	3.80	3.80
629	45	45	7.700	13.773	0.000	9.63	-0.27	2.69	0.00	9.20	3.80	3.80	3.80
630	500	500	7.700	13.500	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
631	45	45	7.213	14.268	0.000	7.08	-0.79	1.97	-0.12	6.73	3.80	3.80	3.80
632	45	45	6.725	14.764	0.000	5.80	-1.66	1.42	-0.73	5.50	3.80	3.80	3.80
633	45	45	6.238	15.259	0.000	3.61	-3.10	0.94	-1.30	3.80	3.80	3.80	3.80
634	45	45	5.750	15.755	0.000	2.06	-4.35	0.41	-1.76	3.80	4.12	3.80	3.80
635	45	45	5.263	16.250	0.000	0.77	-5.30	0.05	-2.11	3.80	5.02	3.80	3.80
636	45	45	4.775	16.745	0.000	0.25	-5.59	0.00	-2.40	3.80	5.29	3.80	3.80
637	45	45	4.288	17.241	0.000	0.02	-5.50	0.00	-2.72	3.80	5.21	3.80	3.80
638	45	45	3.800	17.736	0.000	0.00	-5.12	0.00	-2.80	3.80	4.85	3.80	3.80
639	45	45	3.313	18.232	0.000	0.03	-4.53	0.00	-2.57	3.80	4.28	3.80	3.80
640	45	45	2.825	18.727	0.000	0.20	-3.88	0.00	-2.09	3.80	3.80	3.80	3.80
641	45	45	2.338	19.223	0.000	0.48	-3.17	0.14	-1.57	3.80	3.80	3.80	3.80
642	45	45	1.850	19.718	0.000	0.81	-2.29	0.42	-1.05	3.80	3.80	3.80	3.80
643	45	45	1.363	20.214	0.000	0.91	-1.31	0.80	-0.51	3.80	3.80	3.80	3.80
644	45	45	0.875	20.709	0.000	0.81	-0.44	1.18	-0.32	3.80	3.80	3.80	3.80
645	45	45	0.388	21.205	0.000	0.35	-0.11	0.98	-0.25	3.80	3.80	3.80	3.80
646	45	45	0.100	21.300	0.000	0.20	-0.14	0.32	-0.13	3.80	3.80	3.80	3.80
647	45	45	-0.100	21.205	0.000	0.20	-0.14	0.21	-0.18	3.80	3.80	3.80	3.80
648	45	45	7.700	14.268	0.000	9.59	-0.24	2.67	0.00	9.16	3.80	3.80	3.80
649	45	45	7.213	14.764	0.000	6.99	-0.75	1.93	-0.12	6.64	3.80	3.80	3.80
650	45	45	6.725	15.259	0.000	5.68	-1.54	1.48	-0.60	5.38	3.80	3.80	3.80
651	45	45	6.238	15.755	0.000	3.67	-2.99	0.96	-1.21	3.80	3.80	3.80	3.80
652	45	45	5.750	16.250	0.000	1.97	-4.24	0.38	-1.76	3.80	4.00	3.80	3.80
653	45	45	5.263	16.745	0.000	0.73	-5.12	0.04	-2.19	3.80	4.84	3.80	3.80
654	45	45	4.775	17.241	0.000	0.23	-5.31	0.00	-2.48	3.80	5.03	3.80	3.80
655	45	45	4.288	17.736	0.000	0.02	-5.10	0.00	-2.72	3.80	4.83	3.80	3.80
656	45	45	3.800	18.232	0.000	0.00	-4.59	0.00	-2.67	3.80	4.34	3.80	3.80
657	45	45	3.313	18.727	0.000	0.03	-3.88	0.00	-2.22	3.80	3.80	3.80	3.80
658	45	45	2.825	19.223	0.000	0.18	-3.19	0.10	-1.60	3.80	3.80	3.80	3.80
659	45	45	2.338	19.718	0.000	0.39	-2.48	0.41	-1.07	3.80	3.80	3.80	3.80
660	45	45	1.850	20.214	0.000	0.57	-1.65	0.91	-0.56	3.80	3.80	3.80	3.80
661	45	45	1.363	20.709	0.000	0.51	-0.71	1.66	-0.34	3.80	3.80	3.80	3.80
662	45	45	0.875	21.205	0.000	0.39	-0.17	1.60	-0.27	3.80	3.80	3.80	3.80
663	45	45	0.388	21.700	0.000	0.68	-0.37	1.39	-0.50	3.80	3.80	3.80	3.80
664	45	45	-0.100	21.700	0.000	0.41	-0.33	0.79	-0.47	3.80	3.80	3.80	3.80
665	45	45	7.700	14.764	0.000	9.38	-0.21	2.57	0.00	8.96	3.80	3.80	3.80
666	45	45	7.213	15.259	0.000	7.01	-0.68	1.83	-0.11	6.66	3.80	3.80	3.80
667	45	45	6.725	15.755	0.000	5.56	-1.42	1.49	-0.53	5.27	3.80	3.80	3.80
668	45	45	6.238	16.250	0.000	3.49	-2.89	0.96	-1.15	3.80	3.80	3.80	3.80
669	45	45	5.750	16.745	0.000	1.83	-4.11	0.29	-1.84	3.80	3.88	3.80	3.80
670	45	45	5.263	17.241	0.000	0.68	-4.89	0.02	-2.26	3.80	4.63	3.80	3.80
671	45	45	4.775	17.736	0.000	0.22	-4.97	0.00	-2.50	3.80	4.70	3.80	3.80
672	45	45	4.288	18.232	0.000	0.02	-4.58	0.00	-2.60	3.80	4.33	3.80	3.80
673	45	45	3.800	18.727	0.000	0.00	-3.91	0.00	-2.33	3.80	3.80	3.80	3.80
674	45	45	3.313	19.223	0.000	0.03	-3.07	0.13	-1.68	3.80	3.80	3.80	3.80
675	45	45	2.825	19.718	0.000	0.14	-2.36	0.49	-1.01	3.80	3.80	3.80	3.80
676	45	45	2.338	20.214	0.000	0.27	-1.68	1.03	-0.50	3.80	3.80	3.80	3.80
677	45	45	1.850	20.709	0.000	0.33	-0.88	2.03	-0.23	3.80	3.80	3.80	3.80
678	45	45	1.363	21.205	0.000	0.46	-0.20	2.34	-0.23	3.80	3.80	3.80	3.80
679	45	45	0.875	21.700	0.000	0.78	-0.33	2.73	-0.64	3.80	3.80	3.80	3.80
680	45	45	7.700	15.259	0.000	8.94	-0.16	1.84	-0.09	8.53	3.80	3.80	3.80
681	45	45	7.213	15.755	0.000	6.80	-0.75	1.71	-0.12	6.46	3.80	3.80	3.80
682	45	45	6.725	16.250	0.000	4.44	-1.19	1.73	-0.50	4.20	3.80	3.80	3.80
683	45	45	6.238	16.745	0.000	3.03	-2.82	0.78	-1.27	3.80	3.80	3.80	3.80
684	45	45	5.750	17.241	0.000	1.68	-3.97	0.20	-1.93	3.80	3.80	3.80	3.80
685	45	45	5.263	17.736	0.000	0.62	-4.62	0.00	-2.30	3.80	4.37	3.80	3.80
686	45	45	4.775	18.232	0.000	0.20	-4.53	0.00	-2.41	3.80	4.28	3.80	3.80
687	45	45	4.288	18.727	0.000	0.02	-3.93	0.00	-2.25	3.80	3.80	3.80	3.80
688	45	45	3.800	19.223	0.000	0.00	-3.06	0.12	-1.75	3.80	3.80	3.80	3.80
689	45	45	3.313	19.718	0.000	0.03	-2.11	0.65	-1.03	3.80	3.80	3.80	3.80
690	45	45	2.825	20.214	0.000	0.10	-1.39	1.25	-0.42	3.80	3.80	3.80	3.80
691	45	45	2.338	20.709	0.000	0.21	-0.82	2.31	-0.19	3.80	3.80	3.80	3.80
692	45	45	1.850	21.205	0.000	0.37	-0.17	2.85	-0.07	3.80	3.80	3.80	3.80
693	45	45	1.363	21.700	0.000	1.00	-0.27	3.91	-0.42	3.80	3.80	3.80	3.80
694	45	45	7.700	15.755	0.000	6.81	-0.13	1.77	-0.08	6.47	3.80	3.80	3.80
695	45	45	7.500	16.200	0.000	5.18	-0.10	1.70	-0.08	4.90	3.80	3.80	3.80
696	45	45	7.213	16.250	0.000	4.86	-0.60	1.99	-0.03	4.60	3.80	3.80	3.80

ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
697	45	45	6.725	16.745	0.000	4.85	-1.31	1.26	-0.56	4.59	3.80	3.80	3.80
698	45	45	6.238	17.241	0.000	2.93	-2.75	0.62	-1.37	3.80	3.80	3.80	3.80
699	45	45	5.750	17.736	0.000	1.52	-3.81	0.12	-1.98	3.80	3.80	3.80	3.80
700	45	45	5.263	18.232	0.000	0.57	-4.28	0.00	-2.24	3.80	4.04	3.80	3.80
701	45	45	4.775	18.727	0.000	0.18	-3.97	0.00	-2.14	3.80	3.80	3.80	3.80
702	45	45	4.288	19.223	0.000	0.03	-3.12	0.13	-1.70	3.80	3.80	3.80	3.80
703	45	45	3.800	19.718	0.000	0.00	-1.98	0.79	-1.04	3.80	3.80	3.80	3.80
704	45	45	3.313	20.214	0.000	0.07	-1.04	1.62	-0.39	3.80	3.80	3.80	3.80
705	45	45	2.825	20.709	0.000	0.47	-0.64	2.62	-0.15	3.80	3.80	3.80	3.80
706	45	45	2.338	21.205	0.000	0.37	-0.19	3.21	-0.03	3.80	3.80	3.80	3.80
707	45	45	1.850	21.700	0.000	1.14	-0.20	4.62	-0.17	3.80	3.80	4.37	3.80
708	45	45	7.700	16.200	0.000	5.01	-0.09	1.53	-0.10	4.74	3.80	3.80	3.80
709	45	45	7.700	16.250	0.000	5.96	-0.09	1.61	-0.09	5.65	3.80	3.80	3.80
710	45	45	7.213	16.745	0.000	5.78	-0.69	1.50	-0.14	5.48	3.80	3.80	3.80
711	45	45	6.725	17.241	0.000	4.76	-1.32	1.10	-0.61	4.50	3.80	3.80	3.80
712	45	45	6.238	17.736	0.000	2.65	-2.67	0.48	-1.45	3.80	3.80	3.80	3.80
713	45	45	5.750	18.232	0.000	1.35	-3.58	0.09	-1.96	3.80	3.80	3.80	3.80
714	45	45	5.263	18.727	0.000	0.51	-3.83	0.03	-2.03	3.80	3.80	3.80	3.80
715	45	45	4.775	19.223	0.000	0.16	-3.27	0.10	-1.64	3.80	3.80	3.80	3.80
716	45	45	4.288	19.718	0.000	0.02	-2.14	0.64	-1.05	3.80	3.80	3.80	3.80
717	45	45	3.800	20.214	0.000	0.37	-0.98	2.30	-0.43	3.80	3.80	3.80	3.80
718	45	45	3.313	20.709	0.000	0.57	-0.41	3.01	-0.12	3.80	3.80	3.80	3.80
719	45	45	2.825	21.205	0.000	1.08	-0.15	3.60	0.00	3.80	3.80	3.80	3.80
720	45	45	2.338	21.700	0.000	1.11	-0.11	4.81	0.00	3.80	3.80	4.55	3.80
721	45	45	7.700	16.745	0.000	5.94	-0.10	1.76	-0.10	5.63	3.80	3.80	3.80
722	45	45	7.213	17.241	0.000	5.71	-0.59	1.40	-0.15	5.41	3.80	3.80	3.80
723	45	45	6.725	17.736	0.000	4.39	-1.33	0.87	-0.72	4.15	3.80	3.80	3.80
724	45	45	6.238	18.232	0.000	2.36	-2.56	0.41	-1.46	3.80	3.80	3.80	3.80
725	45	45	5.750	18.727	0.000	1.18	-3.28	0.12	-1.82	3.80	3.80	3.80	3.80
726	45	45	5.263	19.223	0.000	0.44	-3.26	0.13	-1.62	3.80	3.80	3.80	3.80
727	45	45	4.775	19.718	0.000	0.13	-2.42	0.49	-1.04	3.80	3.80	3.80	3.80
728	45	45	4.288	20.214	0.000	0.06	-1.07	1.62	-0.40	3.80	3.80	3.80	3.80
729	45	45	3.800	20.709	0.000	1.22	-0.24	3.07	-0.15	3.80	3.80	3.80	3.80
730	45	45	3.313	21.205	0.000	1.14	-0.06	4.44	0.00	3.80	3.80	4.19	3.80
731	45	45	2.825	21.700	0.000	0.83	-0.05	4.58	0.00	3.80	3.80	4.33	3.80
732	45	45	7.700	17.241	0.000	7.92	-0.12	1.83	-0.06	7.55	3.80	3.80	3.80
733	45	45	7.213	17.736	0.000	5.47	-0.60	1.29	-0.13	5.19	3.80	3.80	3.80
734	45	45	6.725	18.232	0.000	3.94	-1.32	0.73	-0.74	3.80	3.80	3.80	3.80
735	45	45	6.238	18.727	0.000	2.04	-2.40	0.37	-1.39	3.80	3.80	3.80	3.80
736	45	45	5.750	19.223	0.000	0.98	-2.89	0.20	-1.52	3.80	3.80	3.80	3.80
737	45	45	5.263	19.718	0.000	0.36	-2.56	0.40	-1.11	3.80	3.80	3.80	3.80
738	45	45	4.775	20.214	0.000	0.09	-1.43	1.25	-0.44	3.80	3.80	3.80	3.80
739	45	45	4.288	20.709	0.000	0.57	-0.42	3.02	-0.13	3.80	3.80	3.80	3.80
740	45	45	3.800	21.205	0.000	1.33	-0.10	4.14	-0.01	3.80	3.80	3.91	3.80
741	45	45	3.313	21.700	0.000	0.82	-0.07	3.74	-0.01	3.80	3.80	3.80	3.80
742	45	45	7.700	17.736	0.000	7.66	-0.14	2.10	0.00	7.30	3.80	3.80	3.80
743	45	45	7.213	18.232	0.000	4.94	-0.60	1.16	-0.11	4.67	3.80	3.80	3.80
744	45	45	6.725	18.727	0.000	3.43	-1.28	0.63	-0.72	3.80	3.80	3.80	3.80
745	45	45	6.238	19.223	0.000	1.69	-2.16	0.39	-1.20	3.80	3.80	3.80	3.80
746	45	45	5.750	19.718	0.000	0.77	-2.37	0.40	-1.09	3.80	3.80	3.80	3.80
747	45	45	5.263	20.214	0.000	0.25	-1.74	1.02	-0.53	3.80	3.80	3.80	3.80
748	45	45	4.775	20.709	0.000	0.46	-0.67	2.65	-0.15	3.80	3.80	3.80	3.80
749	45	45	4.288	21.205	0.000	1.14	-0.06	4.46	0.00	3.80	3.80	4.22	3.80
750	45	45	3.800	21.700	0.000	1.59	-0.03	4.34	-0.01	3.80	3.80	4.10	3.80
751	500	500	3.800	21.500	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
752	45	45	7.700	18.232	0.000	7.09	-0.15	1.97	0.00	6.74	3.80	3.80	3.80
753	45	45	7.213	18.727	0.000	4.29	-0.59	1.00	-0.10	4.06	3.80	3.80	3.80
754	45	45	6.725	19.223	0.000	2.83	-1.20	0.56	-0.64	3.80	3.80	3.80	3.80
755	45	45	6.238	19.718	0.000	1.30	-1.83	0.46	-0.90	3.80	3.80	3.80	3.80
756	45	45	5.750	20.214	0.000	0.53	-1.71	0.90	-0.59	3.80	3.80	3.80	3.80
757	45	45	5.263	20.709	0.000	0.19	-0.85	2.33	-0.20	3.80	3.80	3.80	3.80
758	45	45	4.775	21.205	0.000	1.09	-0.15	3.66	0.00	3.80	3.80	3.80	3.80
759	45	45	4.288	21.700	0.000	0.84	-0.07	3.80	-0.01	3.80	3.80	3.80	3.80
760	45	45	7.700	18.727	0.000	6.26	-0.17	1.75	0.00	5.95	3.80	3.80	3.80
761	45	45	7.213	19.223	0.000	3.54	-0.56	0.82	-0.10	3.80	3.80	3.80	3.80
762	45	45	6.725	19.718	0.000	2.19	-1.06	0.51	-0.49	3.80	3.80	3.80	3.80
763	45	45	6.238	20.214	0.000	0.88	-1.36	0.78	-0.53	3.80	3.80	3.80	3.80
764	45	45	5.750	20.709	0.000	0.30	-0.91	2.04	-0.24	3.80	3.80	3.80	3.80
765	45	45	5.263	21.205	0.000	0.38	-0.20	3.26	-0.03	3.80	3.80	3.80	3.80
766	45	45	4.775	21.700	0.000	0.85	-0.05	4.67	0.00	3.80	3.80	4.42	3.80
767	45	45	7.700	19.223	0.000	5.24	-0.17	1.48	0.00	4.97	3.80	3.80	3.80
768	500	500	7.700	18.751	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
769	45	45	7.213	19.718	0.000	2.71	-0.50	0.66	-0.09	3.80	3.80	3.80	3.80
770	45	45	6.725	20.214	0.000	1.51	-0.82	0.64	-0.32	3.80	3.80	3.80	3.80
771	45	45	6.238	20.709	0.000	0.50	-0.74	1.67	-0.33	3.80	3.80	3.80	3.80
772	45	45	5.750	21.205	0.000	0.36	-0.17	2.89	-0.07	3.80	3.80	3.80	3.80
773	45	45	5.263	21.700	0.000	1.14	-0.10	4.92	0.00	3.80	3.80	4.65	3.80
774	45	45	7.700	19.718	0.000	4.08	-0.17	1.16	0.00	3.86	3.80	3.80	3.80
775	45	45	7.213	20.214	0.000	1.86	-0.40	0.58	-0.06	3.80	3.80	3.80	3.80
776	45	45	6.725	20.709	0.000	0.81	-0.45	1.18	-0.31	3.80	3.80	3.80	3.80
777	45	45	6.238	21.205	0.000	0.47	-0.21	2.38	-0.22	3.80	3.80	3.80	3.80
778	45	45	5.750	21.700	0.000	1.17	-0.19	4.73	-0.15	3.80	3.80	4.48	3.80
779	45	45	7.700	20.214	0.000	2.81	-0.15	0.92	0.00	3.80	3.80	3.80	3.80



ANALİZ SONUÇLARI

Nokta no	dx cm	dy cm	X m	Y m	Z m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm ²	Asux cm ²	Asay cm ²	Asuy cm ²
780	45	45	7.213	20.709	0.000	1.04	-0.22	0.65	-0.14	3.80	3.80	3.80	3.80
781	45	45	6.725	21.205	0.000	0.41	-0.17	1.64	-0.27	3.80	3.80	3.80	3.80
782	45	45	6.238	21.700	0.000	0.99	-0.22	4.01	-0.39	3.80	3.80	3.80	3.80
783	45	45	7.700	20.709	0.000	1.48	-0.13	0.63	-0.01	3.80	3.80	3.80	3.80
784	45	45	7.213	21.205	0.000	0.22	-0.07	1.14	-0.26	3.80	3.80	3.80	3.80
785	45	45	6.725	21.700	0.000	0.76	-0.23	2.75	-0.59	3.80	3.80	3.80	3.80
786	45	45	7.700	21.205	0.000	0.19	-0.08	0.45	-0.04	3.80	3.80	3.80	3.80
787	45	45	7.500	21.300	0.000	0.25	-0.07	0.88	-0.25	3.80	3.80	3.80	3.80
788	45	45	7.213	21.700	0.000	0.69	-0.33	1.91	-0.74	3.80	3.80	3.80	3.80
789	45	45	7.700	21.700	0.000	0.38	-0.20	0.72	-0.36	3.80	3.80	3.80	3.80

Noktaların tasarım momentleri, bağlı düğüm noktalarının tasarım momentlerinin ortalaması alınmıştır.

TEMEL DONATI SONUÇLARI

Genel donatılar:

H cm	X üst	X alt	Y üst	Y alt
45	ø20 / 20	ø20 / 20	ø20 / 20	ø20 / 20

Donatı Asal açısı=0°

İLAVE DONATILAR

İLAVE DONATI	As (cm ² /m)	donati koordinati	Adet	Boy (m)

└ 50 Ø ─┬─ As>0 ─┬─ 50 Ø ─┘

Ek donatılar, gerekli donatialani kenarından 50 Ø uzatılmaktadır

WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
1	0.17	0.27	0.28	0.27	0.27	0.28	0.27	0.00	0.23	0.23	0.02	0.02	0.00	0.00	0.07
2	0.32	0.52	0.52	0.51	0.51	0.52	0.51	0.00	0.37	0.37	0.03	0.03	0.00	0.00	0.12
3	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.37	0.38	0.04	0.04	0.01	0.00	0.15
4	0.08	0.12	0.13	0.12	0.12	0.13	0.12	0.00	0.10	0.10	0.01	0.01	0.00	0.00	0.03
5	0.38	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.47	0.48	0.04	0.03	0.01	0.00	0.14
6	0.67	1.09	1.09	1.07	1.07	1.10	1.09	0.00	0.78	0.79	0.06	0.06	0.01	0.00	0.26
7	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.31	0.32	0.04	0.04	0.00	0.00	0.15
8	0.75	1.22	1.22	1.19	1.20	1.22	1.21	0.00	0.74	0.75	0.07	0.07	0.01	0.00	0.29
9	0.39	0.63	0.64	0.62	0.62	0.64	0.63	0.00	0.52	0.52	0.04	0.03	0.01	0.00	0.15
10	0.73	1.18	1.19	1.16	1.16	1.19	1.18	0.00	0.84	0.84	0.06	0.06	0.01	0.00	0.28
11	0.75	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.62	0.62	0.07	0.07	0.01	0.00	0.29
12	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.25	0.25	0.04	0.04	0.00	0.00	0.15
13	0.75	1.22	1.22	1.19	1.20	1.22	1.21	0.00	0.74	0.74	0.07	0.07	0.01	0.00	0.29
14	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.49	0.49	0.03	0.03	0.01	0.00	0.14
15	0.75	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.85	0.86	0.06	0.06	0.01	0.00	0.29
16	0.76	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.49	0.50	0.07	0.07	0.01	0.00	0.29
17	0.75	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.61	0.62	0.07	0.07	0.01	0.00	0.29
18	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.19	0.19	0.04	0.04	0.00	0.00	0.15
19	0.75	1.22	1.22	1.19	1.20	1.22	1.21	0.00	0.73	0.74	0.06	0.06	0.01	0.00	0.29
20	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.49	0.49	0.03	0.03	0.01	0.00	0.14
21	0.75	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.85	0.85	0.06	0.06	0.01	0.00	0.29
22	0.76	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.37	0.37	0.07	0.07	0.00	0.00	0.29
23	0.75	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.49	0.49	0.07	0.06	0.01	0.00	0.29
24	0.74	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.60	0.61	0.06	0.06	0.01	0.00	0.28
25	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.12	0.13	0.04	0.04	0.00	0.00	0.15
26	0.74	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.72	0.73	0.06	0.06	0.01	0.00	0.28
27	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.48	0.49	0.03	0.03	0.01	0.00	0.14
28	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.84	0.85	0.06	0.06	0.01	0.00	0.28
29	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.37	0.37	0.07	0.06	0.00	0.00	0.29
30	0.76	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.25	0.25	0.07	0.07	0.00	0.00	0.29
31	0.74	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.48	0.49	0.06	0.06	0.01	0.00	0.28
32	0.74	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.60	0.60	0.06	0.06	0.01	0.00	0.28
33	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.06	0.06	0.04	0.04	0.00	0.00	0.15
34	0.74	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.71	0.72	0.06	0.05	0.01	0.00	0.28
35	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.48	0.48	0.03	0.03	0.01	0.00	0.14
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.83	0.84	0.05	0.05	0.01	0.00	0.28
38	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.24	0.25	0.06	0.06	0.00	0.00	0.29
39	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.36	0.36	0.06	0.06	0.00	0.00	0.28
40	0.76	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.13	0.07	0.07	0.00	0.00	0.30
41	0.74	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.48	0.48	0.06	0.06	0.01	0.00	0.28
42	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.59	0.60	0.05	0.05	0.01	0.00	0.28
43	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.15



WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
44	0.74	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.71	0.71	0.05	0.05	0.01	0.00	0.28
45	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.48	0.48	0.03	0.02	0.01	0.00	0.14
46	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.83	0.83	0.05	0.05	0.01	0.00	0.28
47	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.24	0.24	0.06	0.06	0.00	0.00	0.28
48	0.76	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.12	0.06	0.06	0.00	0.00	0.29
49	0.73	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.35	0.36	0.06	0.06	0.00	0.00	0.28
50	0.77	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.30
51	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.47	0.47	0.05	0.05	0.01	0.00	0.27
52	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.59	0.59	0.05	0.05	0.01	0.00	0.28
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.39	0.61	0.61	0.60	0.61	0.61	0.61	0.00	-0.06	-0.06	0.04	0.04	0.00	0.00	0.15
55	0.73	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.70	0.71	0.05	0.05	0.01	0.00	0.28
56	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.47	0.48	0.02	0.02	0.01	0.00	0.14
57	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.82	0.83	0.05	0.05	0.01	0.00	0.28
58	0.74	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.12	0.06	0.06	0.00	0.00	0.28
59	0.73	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.24	0.24	0.06	0.06	0.00	0.00	0.28
60	0.76	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.29
61	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.35	0.35	0.05	0.05	0.00	0.00	0.27
62	0.77	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.12	-0.12	0.07	0.07	0.00	0.00	0.30
63	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.46	0.47	0.05	0.05	0.01	0.00	0.27
64	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.58	0.58	0.05	0.05	0.01	0.00	0.27
65	0.39	0.62	0.61	0.61	0.61	0.61	0.61	0.00	-0.12	-0.13	0.04	0.04	0.00	0.00	0.15
66	0.73	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.70	0.70	0.05	0.04	0.01	0.00	0.28
67	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.47	0.47	0.02	0.02	0.01	0.00	0.14
68	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.82	0.82	0.04	0.04	0.01	0.00	0.28
69	0.73	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.12	0.06	0.06	0.00	0.00	0.28
70	0.75	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.29
71	0.72	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.23	0.23	0.05	0.05	0.00	0.00	0.27
72	0.76	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.12	-0.12	0.06	0.06	0.00	0.00	0.29
73	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.35	0.35	0.05	0.05	0.00	0.00	0.27
74	0.77	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.25	-0.25	0.07	0.07	0.00	0.00	0.30
75	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.46	0.46	0.05	0.05	0.01	0.00	0.27
76	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.57	0.58	0.04	0.04	0.01	0.00	0.27
77	0.39	0.62	0.61	0.61	0.61	0.61	0.61	0.00	-0.19	-0.19	0.04	0.04	0.00	0.00	0.15
78	0.73	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.69	0.70	0.04	0.04	0.01	0.00	0.28
79	0.33	0.53	0.54	0.52	0.52	0.54	0.53	0.00	0.41	0.41	0.02	0.02	0.01	0.00	0.12
80	0.75	1.23	1.23	1.21	1.21	1.24	1.22	0.00	0.82	0.83	0.04	0.04	0.01	0.00	0.28
81	0.72	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.12	0.05	0.05	0.00	0.00	0.27
82	0.74	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.28
83	0.75	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.12	-0.12	0.06	0.06	0.00	0.00	0.29
84	0.71	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.23	0.23	0.05	0.05	0.00	0.00	0.26
85	0.76	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.24	-0.24	0.06	0.06	0.00	0.00	0.30
86	0.71	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.34	0.34	0.05	0.05	0.00	0.00	0.26
87	0.77	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.37	-0.37	0.07	0.07	0.00	0.00	0.30
88	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.45	0.46	0.04	0.04	0.01	0.00	0.26
89	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.57	0.57	0.04	0.04	0.01	0.00	0.27
90	0.39	0.62	0.61	0.61	0.61	0.61	0.61	0.00	-0.25	-0.25	0.04	0.04	0.00	0.00	0.15
91	0.73	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.69	0.69	0.04	0.04	0.01	0.00	0.28
92	0.14	0.23	0.24	0.23	0.23	0.24	0.23	0.00	0.18	0.18	0.01	0.01	0.00	0.00	0.05
93	0.48	0.79	0.79	0.77	0.77	0.79	0.78	0.00	0.52	0.53	0.02	0.02	0.01	0.00	0.18
94	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.44	0.44	0.02	0.02	0.01	0.00	0.14
95	0.71	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.12	0.05	0.05	0.00	0.00	0.26
96	0.72	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.27
97	0.74	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.12	-0.12	0.06	0.06	0.00	0.00	0.28
98	0.75	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.24	-0.24	0.06	0.06	0.00	0.00	0.29
99	0.70	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.23	0.23	0.04	0.04	0.00	0.00	0.26
100	0.77	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.36	-0.37	0.06	0.07	0.00	0.00	0.30
101	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.34	0.34	0.04	0.04	0.00	0.00	0.26
102	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.49	-0.50	0.07	0.07	-0.01	0.00	0.30
103	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.45	0.45	0.04	0.04	0.01	0.00	0.26
104	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.56	0.57	0.04	0.04	0.01	0.00	0.27
105	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.31	-0.31	0.04	0.04	0.00	0.00	0.15
106	0.73	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.68	0.69	0.04	0.03	0.01	0.00	0.27
107	0.12	0.20	0.20	0.19	0.20	0.20	0.20	0.00	0.15	0.15	0.01	0.01	0.00	0.00	0.05
108	0.72	1.19	1.20	1.17	1.17	1.20	1.19	0.00	0.79	0.79	0.03	0.03	0.01	0.00	0.27
109	0.71	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.26
110	0.70	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	0.04	0.04	0.00	0.00	0.26
111	0.73	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.12	-0.12	0.05	0.05	0.00	0.00	0.27
112	0.74	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.23	-0.24	0.06	0.06	0.00	0.00	0.28
113	0.76	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.36	-0.36	0.06	0.06	0.00	0.00	0.29
114	0.70	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.22	0.23	0.04	0.04	0.00	0.00	0.26
115	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.49	-0.49	0.06	0.07	-0.01	0.00	0.30
116	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.33	0.34	0.04	0.04	0.00	0.00	0.26
117	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.62	-0.62	0.07	0.07	-0.01	0.00	0.31
118	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.45	0.45	0.04	0.04	0.01	0.00	0.26
119	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.56	0.56	0.03	0.03	0.01	0.00	0.27
120	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.37	-0.38	0.04	0.04	-0.01	0.00	0.16
121	0.73	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.68	0.68	0.03	0.03	0.01	0.00	0.27
122	0.30	0.49	0.50	0.49	0.49	0.50	0.49	0.00	0.38	0.38	0.01	0.01	0.00	0.00	0.12
123	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.80	0.80	0.03	0.03	0.01	0.00	0.28
124	0.70	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.26
125	0.72	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0					

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 109	
PROJE : havuz												(HAVUZ40.ST4)			
WINKLER YAY YÜKLERİ (t)															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
127	0.73	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.23	-0.23	0.05	0.05	0.00	0.00	0.28
128	0.75	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.35	-0.36	0.06	0.06	0.00	0.00	0.29
129	0.76	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.48	-0.49	0.06	0.06	-0.01	0.00	0.30
130	0.69	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.22	0.22	0.04	0.04	0.00	0.00	0.25
131	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.61	-0.62	0.06	0.07	-0.01	0.00	0.30
132	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.33	0.33	0.04	0.04	0.00	0.00	0.25
133	0.79	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.74	-0.75	0.07	0.07	-0.01	0.00	0.31
134	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.44	0.45	0.03	0.03	0.01	0.00	0.26
135	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.56	0.56	0.03	0.03	0.01	0.00	0.27
136	0.34	0.53	0.51	0.52	0.52	0.51	0.52	0.00	-0.37	-0.37	0.03	0.03	0.00	0.00	0.13
137	0.73	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.67	0.68	0.03	0.03	0.01	0.00	0.27
138	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.46	0.46	0.01	0.01	0.01	0.00	0.14
139	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.79	0.80	0.03	0.03	0.01	0.00	0.28
140	0.70	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.25
141	0.71	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	0.04	0.04	0.00	0.00	0.26
142	0.72	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.23	-0.23	0.05	0.05	0.00	0.00	0.27
143	0.69	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	0.04	0.04	0.00	0.00	0.25
144	0.74	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.35	-0.35	0.05	0.05	0.00	0.00	0.28
145	0.76	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.47	-0.48	0.06	0.06	-0.01	0.00	0.29
146	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.60	-0.61	0.06	0.06	-0.01	0.00	0.30
147	0.69	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.22	0.22	0.03	0.03	0.00	0.00	0.25
148	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.73	-0.74	0.07	0.07	-0.01	0.00	0.31
149	0.69	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.33	0.33	0.03	0.03	0.00	0.00	0.25
150	0.59	0.93	0.90	0.91	0.92	0.91	0.92	0.00	-0.65	-0.65	0.05	0.05	-0.01	0.00	0.23
151	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.44	0.44	0.03	0.03	0.01	0.00	0.26
152	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.55	0.56	0.03	0.03	0.01	0.00	0.26
153	0.18	0.28	0.27	0.28	0.28	0.27	0.28	0.00	-0.22	-0.23	0.02	0.02	0.00	0.00	0.07
154	0.72	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.67	0.67	0.03	0.03	0.01	0.00	0.27
155	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.46	0.46	0.01	0.01	0.01	0.00	0.14
156	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.79	0.79	0.02	0.02	0.01	0.00	0.28
157	0.70	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	0.04	0.04	0.00	0.00	0.26
158	0.69	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.25
159	0.72	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.23	-0.23	0.04	0.04	0.00	0.00	0.27
160	0.73	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.34	-0.35	0.05	0.05	0.00	0.00	0.28
161	0.68	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	0.03	0.03	0.00	0.00	0.25
162	0.75	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.47	-0.47	0.05	0.05	-0.01	0.00	0.29
163	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.60	-0.60	0.06	0.06	-0.01	0.00	0.30
164	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.73	-0.73	0.06	0.06	-0.01	0.00	0.31
165	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.22	0.22	0.03	0.03	0.00	0.00	0.25
166	0.81	1.27	1.24	1.25	1.25	1.24	1.26	0.00	-0.88	-0.89	0.07	0.07	-0.01	0.00	0.32
167	0.69	1.22	1.21	1.20	1.20	1.22	1.21	0.00	0.33	0.33	0.03	0.03	0.00	0.00	0.25
168	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.47	-0.47	0.03	0.04	-0.01	0.00	0.16
169	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.44	0.44	0.03	0.03	0.01	0.00	0.26
170	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.55	0.55	0.02	0.02	0.01	0.00	0.26
171	0.20	0.31	0.30	0.31	0.31	0.30	0.31	0.00	-0.25	-0.25	0.02	0.02	0.00	0.00	0.08
172	0.72	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.67	0.67	0.02	0.02	0.01	0.00	0.27
173	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.46	0.46	0.01	0.01	0.01	0.00	0.14
174	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.79	0.79	0.02	0.02	0.01	0.00	0.28
175	0.71	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.22	-0.22	0.04	0.04	0.00	0.00	0.26
176	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	0.04	0.04	0.00	0.00	0.25
177	0.68	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.25
178	0.73	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.34	-0.34	0.05	0.05	0.00	0.00	0.27
179	0.74	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.46	-0.47	0.05	0.05	-0.01	0.00	0.28
180	0.68	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	0.03	0.03	0.00	0.00	0.24
181	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.59	-0.60	0.05	0.05	-0.01	0.00	0.29
182	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.72	-0.73	0.06	0.06	-0.01	0.00	0.30
183	0.79	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.85	-0.86	0.06	0.06	-0.01	0.00	0.31
184	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.22	0.22	0.03	0.03	0.00	0.00	0.25
185	0.36	0.56	0.54	0.55	0.55	0.55	0.56	0.00	-0.44	-0.45	0.03	0.03	-0.01	0.00	0.14
186	0.69	1.22	1.21	1.20	1.20	1.22	1.21	0.00	0.32	0.33	0.03	0.03	0.00	0.00	0.25
187	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.43	0.44	0.02	0.02	0.01	0.00	0.26
188	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.55	0.55	0.02	0.02	0.01	0.00	0.26
189	0.72	1.21	1.												

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 110		
PROJE : havuz												(HAVUZ40.ST4)				
WINKLER YAY YÜKLERİ (t)																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	
210	0.70	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.22	-0.22	0.03	0.03	0.00	0.00	0.26	
211	0.72	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.33	-0.34	0.04	0.04	0.00	0.00	0.27	
212	0.73	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.45	-0.46	0.04	0.04	-0.01	0.00	0.28	
213	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	0.03	0.03	0.00	0.00	0.25	
214	0.68	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.24	
215	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.58	-0.58	0.05	0.05	-0.01	0.00	0.29	
216	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.71	-0.71	0.05	0.05	-0.01	0.00	0.30	
217	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	0.02	0.02	0.00	0.00	0.24	
218	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.84	-0.85	0.06	0.06	-0.01	0.00	0.31	
219	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.49	-0.49	0.03	0.03	-0.01	0.00	0.16	
220	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.02	0.02	0.00	0.00	0.24	
221	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.32	0.32	0.02	0.02	0.00	0.00	0.25	
222	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.43	0.43	0.02	0.02	0.01	0.00	0.25	
223	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	0.02	0.02	0.01	0.00	0.26	
224	0.72	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	0.01	0.01	0.01	0.00	0.27	
225	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.45	0.46	0.01	0.01	0.01	0.00	0.14	
226	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.78	0.78	0.01	0.01	0.01	0.00	0.28	
227	0.71	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.33	-0.33	0.03	0.04	0.00	0.00	0.26	
228	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.22	-0.22	0.03	0.03	0.00	0.00	0.25	
229	0.73	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.45	-0.45	0.04	0.04	-0.01	0.00	0.28	
230	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.57	-0.58	0.04	0.04	-0.01	0.00	0.29	
231	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	0.03	0.03	0.00	0.00	0.25	
232	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.24	
233	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.70	-0.71	0.05	0.05	-0.01	0.00	0.30	
234	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.83	-0.84	0.05	0.05	-0.01	0.00	0.31	
235	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	0.02	0.02	0.00	0.00	0.24	
236	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.48	-0.49	0.03	0.03	-0.01	0.00	0.16	
237	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.02	0.02	0.00	0.00	0.24	
238	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.32	0.32	0.02	0.02	0.00	0.00	0.25	
239	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.43	0.43	0.01	0.01	0.01	0.00	0.25	
240	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	0.01	0.01	0.01	0.00	0.26	
241	0.72	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	0.01	0.01	0.01	0.00	0.27	
242	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.45	0.45	0.00	0.00	0.01	0.00	0.14	
243	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.78	0.78	0.01	0.01	0.01	0.00	0.28	
244	0.71	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.33	-0.33	0.03	0.03	0.00	0.00	0.26	
245	0.73	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.45	-0.45	0.04	0.04	-0.01	0.00	0.27	
246	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.22	-0.22	0.03	0.03	0.00	0.00	0.25	
247	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.57	-0.57	0.04	0.04	-0.01	0.00	0.29	
248	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.70	-0.70	0.04	0.05	-0.01	0.00	0.30	
249	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	0.02	0.02	0.00	0.00	0.24	
250	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.24	
251	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.83	-0.83	0.05	0.05	-0.01	0.00	0.31	
252	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.48	-0.48	0.03	0.03	-0.01	0.00	0.16	
253	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.11	0.02	0.02	0.00	0.00	0.24	
254	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
255	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.02	0.02	0.00	0.00	0.24	
256	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.32	0.32	0.01	0.01	0.00	0.00	0.25	
257	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.43	0.43	0.01	0.01	0.01	0.00	0.26	
258	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	0.01	0.01	0.01	0.00	0.26	
259	0.73	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	0.01	0.01	0.01	0.00	0.27	
260	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.45	0.45	0.00	0.00	0.01	0.00	0.14	
261	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.78	0.78	0.00	0.00	0.01	0.00	0.28	
262	0.71	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.33	-0.33	0.03	0.03	0.00	0.00	0.26	
263	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.44	-0.45	0.03	0.03	-0.01	0.00	0.27	
264	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.56	-0.57	0.04	0.04	-0.01	0.00	0.28	
265	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.03	0.03	0.00	0.00	0.25	
266	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.69	-0.70	0.04	0.04	-0.01	0.00	0.30	
267	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.82	-0.83	0.05	0.05	-0.01	0.00	0.30	
268	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	0.02	0.02	0.00	0.00	0.24	
269	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.24	
270	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.48	-0.48	0.02	0.02	-0.01	0.00	0.16	
271	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	0.02	0.02	0.00	0.00	0.24	
272	0.67	1.22	1.21	1.20	1.20	1										

WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
293	0.73	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	0.00	0.00	0.01	0.00	0.27
294	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.45	0.45	0.00	0.00	0.01	0.00	0.14
295	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.78	0.78	0.00	0.00	0.01	0.00	0.28
296	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
297	0.70	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.32	-0.32	0.02	0.02	0.00	0.00	0.26
298	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.44	-0.44	0.03	0.03	-0.01	0.00	0.27
299	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.56	-0.56	0.03	0.03	-0.01	0.00	0.28
300	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.68	-0.69	0.03	0.04	-0.01	0.00	0.29
301	0.75	1.19	1.16	1.17	1.18	1.16	1.19	0.00	-0.78	-0.78	0.04	0.04	-0.01	0.00	0.29
302	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.02	0.02	0.00	0.00	0.25
303	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.47	-0.47	0.02	0.02	-0.01	0.00	0.16
304	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	0.02	0.02	0.00	0.00	0.24
305	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.24
306	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	0.01	0.01	0.00	0.00	0.24
307	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.01	0.01	0.00	0.00	0.24
308	0.69	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.31	0.31	0.01	0.01	0.00	0.00	0.25
309	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.42	0.42	0.00	0.00	0.01	0.00	0.26
310	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	0.00	0.00	0.01	0.00	0.27
311	0.73	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	0.00	0.00	0.01	0.00	0.27
312	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.45	0.45	0.00	0.00	0.01	0.00	0.14
313	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.78	0.78	-0.01	-0.01	0.01	0.00	0.28
314	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	0.02	0.02	0.00	0.00	0.26
315	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.44	0.02	0.02	-0.01	0.00	0.27
316	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.55	-0.56	0.03	0.03	-0.01	0.00	0.28
317	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.68	-0.68	0.03	0.03	-0.01	0.00	0.29
318	0.61	0.97	0.95	0.96	0.96	0.95	0.97	0.00	-0.63	-0.64	0.03	0.03	-0.01	0.00	0.24
319	0.40	0.64	0.62	0.63	0.63	0.62	0.63	0.00	-0.48	-0.48	0.02	0.02	-0.01	0.00	0.16
320	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.02	0.02	0.00	0.00	0.25
321	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	0.01	0.01	0.00	0.00	0.24
322	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.24
323	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	0.01	0.01	0.00	0.00	0.24
324	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.01	0.01	0.00	0.00	0.24
325	0.69	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.31	0.31	0.00	0.00	0.00	0.00	0.25
326	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.42	0.42	0.00	0.00	0.01	0.00	0.26
327	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	0.00	0.00	0.01	0.00	0.27
328	0.73	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	-0.01	-0.01	0.01	0.00	0.27
329	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.45	0.45	0.00	0.00	0.01	0.00	0.14
330	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.78	0.78	-0.01	-0.01	0.01	0.00	0.28
331	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	0.02	0.02	-0.01	0.00	0.27
332	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	0.02	0.02	0.00	0.00	0.26
333	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.55	-0.55	0.02	0.02	-0.01	0.00	0.28
334	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.67	-0.68	0.03	0.03	-0.01	0.00	0.29
335	0.76	1.22	1.19	1.20	1.20	1.19	1.21	0.00	-0.79	-0.79	0.03	0.03	-0.01	0.00	0.30
336	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.44	-0.44	0.02	0.02	-0.01	0.00	0.15
337	0.04	0.07	0.07	0.07	0.07	0.07	0.07	0.00	-0.05	-0.05	0.00	0.00	0.00	0.00	0.02
338	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.01	0.01	0.00	0.00	0.25
339	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	0.01	0.01	0.00	0.00	0.24
340	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.24
341	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	0.01	0.01	0.00	0.00	0.24
342	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.00	0.00	0.00	0.00	0.24
343	0.69	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.31	0.31	0.00	0.00	0.00	0.00	0.25
344	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.42	0.42	0.00	0.00	0.01	0.00	0.26
345	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	-0.01	-0.01	0.01	0.00	0.26
346	0.72	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	-0.01	-0.01	0.01	0.00	0.27
347	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.45	0.45	0.00	0.00	0.01	0.00	0.14
348	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.78	0.78	-0.01	-0.01	0.01	0.00	0.28
349	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	0.02	0.02	-0.01	0.00	0.27
350	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.55	-0.55	0.02	0.02	-0.01	0.00	0.28
351	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	0.01	0.01	0.00	0.00	0.26
352	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.67	-0.67	0.03	0.03	-0.01	0.00	0.29
353	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.80	-0.80	0.03	0.03	-0.01	0.00	0.30
354	0.32	0.51	0.49	0.50	0.50	0.49	0.50	0.00	-0.38	-0.38	0.01	0.01	0.00	0.00	0.13
355	0.13	0.20	0.20	0.20	0.20	0.20	0.20	0.00	-0.15	-0.15	0.01	0.01	0.00	0.00	0.05
356	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.01	0.01	0.00	0.00	0.25
357	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	0.01	0.01	0.00	0.00	0.24
358	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.24
359	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.24
360	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.00	0.00	0.00	0.00	0.24
361	0.69	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.31	0.31	0.00	0.00	0.00	0.00	0.25
362	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.42	0.42	-0.01	-0.01	0.01	0.00	0.26
363	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	-0.01	-0.01	0.01	0.00	0.26
364	0.72	1.21	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	-0.01	-0.01	0.01	0.00	0.27
365	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.46	0.45	-0.01	-0.01	0.01	0.00	0.14
366	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.79	0.78	-0.02	-0.02	0.01	0.00	0.28
367	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.55	0.02	0.02	-0.01	0.00	0.28
368	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	0.01	0.01	-0.01	0.00	0.27
369	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.67	-0.67	0.02	0.02	-0.01	0.00	0.29
370	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.32	0.01	0.01	0.00	0.00	0.26
371	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.79	-0.80	0.03	0.03	-0.01	0.00	0.30
372	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	0.01	0.01	-0.01	0.00	0.15
373	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.01	0.01	0.00	0.00	0.25
374	0.68	1.23	1.21												

WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
376	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.24
377	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	0.00	0.00	0.00	0.00	0.24
378	0.69	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.31	0.31	-0.01	-0.01	0.00	0.00	0.25
379	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.42	0.42	-0.01	-0.01	0.01	0.00	0.26
380	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	-0.01	-0.01	0.01	0.00	0.26
381	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.66	0.66	-0.02	-0.02	0.01	0.00	0.27
382	0.37	0.61	0.61	0.60	0.60	0.61	0.60	0.00	0.46	0.46	-0.01	-0.01	0.01	0.00	0.14
383	0.73	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.79	0.79	-0.02	-0.02	0.01	0.00	0.28
384	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	0.02	0.02	-0.01	0.00	0.28
385	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.67	0.02	0.02	-0.01	0.00	0.29
386	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	0.01	0.01	-0.01	0.00	0.27
387	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.79	-0.79	0.02	0.02	-0.01	0.00	0.30
388	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.31	0.01	0.01	0.00	0.00	0.26
389	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	0.01	0.01	-0.01	0.00	0.15
390	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.01	0.01	0.00	0.00	0.25
391	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	0.00	0.00	0.00	0.00	0.24
392	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
393	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.24
394	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	-0.01	-0.01	0.00	0.00	0.24
395	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.31	0.31	-0.01	-0.01	0.00	0.00	0.25
396	0.70	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.43	0.43	-0.01	-0.01	0.01	0.00	0.26
397	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.54	0.54	-0.02	-0.02	0.01	0.00	0.26
398	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.67	0.66	-0.02	-0.02	0.01	0.00	0.27
399	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.46	0.46	-0.01	-0.01	0.01	0.00	0.14
400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
401	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.79	0.79	-0.02	-0.02	0.01	0.00	0.28
402	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	0.02	0.02	-0.01	0.00	0.29
403	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	0.01	0.01	-0.01	0.00	0.28
404	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.79	-0.79	0.02	0.02	-0.01	0.00	0.30
405	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.42	-0.43	0.01	0.01	-0.01	0.00	0.27
406	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	0.01	0.01	-0.01	0.00	0.15
407	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.31	0.01	0.01	0.00	0.00	0.26
408	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.00	0.00	0.00	0.00	0.25
409	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	0.00	0.00	0.00	0.00	0.24
410	0.67	1.22	1.21	1.21	1.21	1.21	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
411	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	-0.01	-0.01	0.00	0.00	0.24
412	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	-0.01	-0.01	0.00	0.00	0.24
413	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.32	0.31	-0.01	-0.01	0.00	0.00	0.25
414	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.43	0.43	-0.01	-0.01	0.01	0.00	0.25
415	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.55	0.54	-0.02	-0.02	0.01	0.00	0.26
416	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.67	0.67	-0.02	-0.02	0.01	0.00	0.27
417	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.46	0.46	-0.01	-0.01	0.01	0.00	0.14
418	0.74	1.21	1.22	1.19	1.19	1.22	1.21	0.00	0.80	0.79	-0.03	-0.03	0.01	0.00	0.28
419	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.79	0.02	0.02	-0.01	0.00	0.30
420	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	0.01	0.01	-0.01	0.00	0.29
421	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	0.01	0.01	-0.01	0.00	0.28
422	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	0.01	0.01	-0.01	0.00	0.15
423	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.42	-0.42	0.01	0.01	-0.01	0.00	0.27
424	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.31	0.00	0.00	0.00	0.00	0.26
425	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.00	0.00	0.00	0.00	0.25
426	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	0.00	0.00	0.00	0.00	0.24
427	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.24
428	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	-0.01	-0.01	0.00	0.00	0.24
429	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	-0.01	-0.01	0.00	0.00	0.24
430	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.32	0.32	-0.01	-0.01	0.00	0.00	0.25
431	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.43	0.43	-0.02	-0.02	0.01	0.00	0.25
432	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.55	0.55	-0.02	-0.02	0.01	0.00	0.26
433	0.72	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.67	0.67	-0.03	-0.03	0.01	0.00	0.27
434	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.46	0.46	-0.01	-0.01	0.01	0.00	0.14
435	0.74	1.21	1.22	1.19	1.20	1.22	1.21	0.00	0.80	0.80	-0.03	-0.03	0.01	0.00	0.28
436	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	0.01	0.01	-0.01	0.00	0.15
437	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	0.01	0.01	-0.01	0.00	0.30
438	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	0.01	0.01	-0.01	0.00	0.29
439	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	0.01	0.01	-0.01	0.00	0.28
440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
441	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.42	-0.42	0.00	0.00	-0.01	0.00	0.27
442	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.31	0.00	0.00	0.00	0.00	0.26
443	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	0.00	0.00	0.00	0.00	0.25
444	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	-0.01	-0.01	0.00	0.00	0.24
445	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.24
446	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	-0.01	-0.01	0.00	0.00	0.24
447	0.67	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	-0.01	-0.01	0.00	0.00	0.24
448	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.32	0.32	-0.02	-0.02	0.00	0.00	0.25
449	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.43	0.43	-0.02	-0.02	0.01	0.00	0.26
450	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.55	0.55	-0.02	-0.02	0.01	0.00	0.26
451	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.68	0.67	-0.03	-0.03	0.01	0.00	0.27
452	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.46	0.46	-0.01	-0.01	0.01	0.00	0.14
453	0.72	1.19	1.20	1.17	1.17	1.20	1.19	0.00	0.79	0.79	-0.03	-0.03	0.01	0.00	0.27
454	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.46	0.01	0.01	-0.01	0.00	0.15
455	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	0.01	0.01	-0.01	0.00	0.30
456	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0					

WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
459	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.31	0.00	0.00	0.00	0.00	0.26
460	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	-0.01	-0.01	0.00	0.00	0.25
461	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	-0.01	-0.01	0.00	0.00	0.24
462	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.24
463	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	-0.01	-0.01	0.00	0.00	0.24
464	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	-0.02	-0.02	0.00	0.00	0.24
465	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.32	0.32	-0.02	-0.02	0.00	0.00	0.25
466	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.44	0.43	-0.02	-0.02	0.01	0.00	0.26
467	0.71	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.56	0.55	-0.03	-0.03	0.01	0.00	0.26
468	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.68	0.68	-0.03	-0.03	0.01	0.00	0.27
469	0.30	0.50	0.50	0.49	0.49	0.50	0.49	0.00	0.38	0.38	-0.01	-0.01	0.00	0.00	0.12
470	0.58	0.95	0.96	0.94	0.94	0.96	0.95	0.00	0.64	0.63	-0.03	-0.03	0.01	0.00	0.22
471	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.44	0.44	-0.02	-0.02	0.01	0.00	0.14
472	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.45	0.00	0.00	-0.01	0.00	0.15
473	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	0.01	0.01	-0.01	0.00	0.30
474	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	0.00	0.00	-0.01	0.00	0.29
475	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	0.00	0.00	-0.01	0.00	0.28
476	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.42	-0.42	0.00	0.00	-0.01	0.00	0.27
477	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.31	-0.01	-0.01	0.00	0.00	0.26
478	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	-0.01	-0.01	0.00	0.00	0.25
479	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	-0.01	-0.01	0.00	0.00	0.24
480	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.24
481	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.10	0.10	-0.02	-0.02	0.00	0.00	0.24
482	0.68	1.22	1.21	1.20	1.20	1.22	1.22	0.00	0.21	0.21	-0.02	-0.02	0.00	0.00	0.24
483	0.69	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.32	0.32	-0.02	-0.02	0.00	0.00	0.25
484	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.44	0.44	-0.03	-0.03	0.01	0.00	0.26
485	0.71	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.56	0.56	-0.03	-0.03	0.01	0.00	0.27
486	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.69	0.68	-0.04	-0.03	0.01	0.00	0.27
487	0.12	0.20	0.20	0.20	0.20	0.20	0.20	0.00	0.15	0.15	-0.01	-0.01	0.00	0.00	0.05
488	0.71	1.17	1.17	1.15	1.15	1.18	1.17	0.00	0.78	0.78	-0.04	-0.04	0.01	0.00	0.27
489	0.04	0.07	0.07	0.07	0.07	0.07	0.07	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.02
490	0.38	0.62	0.63	0.61	0.61	0.63	0.62	0.00	0.48	0.48	-0.02	-0.02	0.01	0.00	0.15
491	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.45	0.00	0.00	-0.01	0.00	0.15
492	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	0.00	0.00	-0.01	0.00	0.30
493	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	0.00	0.00	-0.01	0.00	0.29
494	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	0.00	0.00	-0.01	0.00	0.28
495	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.42	-0.42	-0.01	-0.01	-0.01	0.00	0.27
496	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.31	-0.31	-0.01	-0.01	0.00	0.00	0.26
497	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	-0.01	-0.01	0.00	0.00	0.25
498	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	-0.01	-0.01	0.00	0.00	0.24
499	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00	0.24
500	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.10	-0.02	-0.02	0.00	0.00	0.24
501	0.68	1.22	1.21	1.20	1.21	1.22	1.22	0.00	0.21	0.21	-0.02	-0.02	0.00	0.00	0.24
502	0.69	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.32	0.32	-0.03	-0.03	0.00	0.00	0.25
503	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.44	0.44	-0.03	-0.03	0.01	0.00	0.26
504	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.56	0.56	-0.03	-0.03	0.01	0.00	0.27
505	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.69	0.69	-0.04	-0.04	0.01	0.00	0.28
506	0.74	1.22	1.22	1.19	1.20	1.22	1.21	0.00	0.82	0.82	-0.04	-0.04	0.01	0.00	0.28
507	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.47	0.47	-0.02	-0.02	0.01	0.00	0.14
508	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.45	0.00	0.00	-0.01	0.00	0.15
509	0.78	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	0.00	0.00	-0.01	0.00	0.30
510	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	0.00	0.00	-0.01	0.00	0.29
511	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	-0.01	-0.01	-0.01	0.00	0.28
512	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.42	-0.01	-0.01	-0.01	0.00	0.27
513	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	-0.01	-0.01	0.00	0.00	0.26
514	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	-0.01	-0.01	0.00	0.00	0.25
515	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.10	-0.10	-0.02	-0.02	0.00	0.00	0.24
516	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00	0.24
517	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.02	-0.02	0.00	0.00	0.24
518	0.68	1.22	1.21	1.20	1.21	1.22	1.22	0.00	0.21	0.21	-0.03	-0.03	0.00	0.00	0.24
519	0.69	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.33	0.33	-0.03	-0.03	0.00	0.00	0.25
520	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.45	0.44	-0.03	-0.03	0.01	0.00	0.26
521	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.57	0.56	-0.04	-0.04	0.01	0.00	0.27
522	0.73	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.70	0.69	-0.04	-0.04	0.01	0.00	0.28
523	0.74	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.83	0.82	-0.05	-0.05	0.01	0.00	0.28
524	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.48	0.47	-0.02	-0.02	0.01	0.00	0.14
525	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.45	0.00	0.00	-0.01	0.00	0.15
526	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	0.00	0.00	-0.01	0.00	0.30
527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
528	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	-0.01	-0.01	-0.01	0.00	0.29
529	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	-0.01	-0.01	-0.01	0.00	0.28
530	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	-0.01	-0.01	-0.01	0.00	0.27
531	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	-0.01	-0.01	0.00	0.00	0.26
532	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	-0.02	-0.02	0.00	0.00	0.25
533	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	-0.02	-0.02	0.00	0.00	0.24
534	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00	0.24
535	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.02	-0.02	0.00	0.00	0.24
536	0.68	1.22	1.21	1.20	1.21	1.22	1.22	0.00	0.22	0.21	-0.03	-0.03	0.00	0.00	0.25
537	0.69	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.33	0.33	-0.03	-0.03	0.00	0.00	0.25
538	0.71	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.45	0.45	-0.04	-0.04	0.01	0.00	0.26
539	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.57	0.57	-0.04	-0.04	0.01	0.00	0.27
540	0.73	1.22	1.22												

WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
542	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.48	0.48	-0.03	-0.02	0.01	0.00	0.14
543	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.45	0.00	0.00	-0.01	0.00	0.15
544	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	-0.01	-0.01	-0.01	0.00	0.30
545	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	-0.01	-0.01	-0.01	0.00	0.29
546	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	-0.01	-0.01	-0.01	0.00	0.28
547	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	-0.01	-0.01	-0.01	0.00	0.27
548	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	-0.02	-0.02	0.00	0.00	0.26
549	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	-0.02	-0.02	0.00	0.00	0.25
550	0.68	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.11	-0.11	-0.02	-0.02	0.00	0.00	0.24
551	0.67	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00	0.24
552	0.68	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.03	-0.03	0.00	0.00	0.24
553	0.68	1.22	1.21	1.20	1.21	1.22	1.22	0.00	0.22	0.22	-0.03	-0.03	0.00	0.00	0.25
554	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.33	0.33	-0.04	-0.04	0.00	0.00	0.25
555	0.71	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.45	0.45	-0.04	-0.04	0.01	0.00	0.26
556	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.58	0.57	-0.04	-0.04	0.01	0.00	0.27
557	0.73	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.71	0.70	-0.05	-0.05	0.01	0.00	0.28
558	0.74	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.84	0.83	-0.05	-0.05	0.01	0.00	0.28
559	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.48	0.48	-0.03	-0.03	0.01	0.00	0.14
560	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.45	0.00	0.00	-0.01	0.00	0.15
561	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	-0.01	-0.01	-0.01	0.00	0.30
562	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	-0.01	-0.01	-0.01	0.00	0.29
563	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.54	-0.54	-0.02	-0.02	-0.01	0.00	0.28
564	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	-0.02	-0.02	-0.01	0.00	0.27
565	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	-0.02	-0.02	0.00	0.00	0.26
566	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.21	-0.21	-0.02	-0.02	0.00	0.00	0.25
567	0.68	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.11	-0.11	-0.02	-0.02	0.00	0.00	0.24
568	0.68	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	0.24
569	0.68	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.03	-0.03	0.00	0.00	0.24
570	0.69	1.22	1.21	1.20	1.21	1.22	1.22	0.00	0.22	0.22	-0.03	-0.03	0.00	0.00	0.25
571	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.34	0.33	-0.04	-0.04	0.00	0.00	0.26
572	0.71	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.46	0.45	-0.04	-0.04	0.01	0.00	0.26
573	0.73	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.58	0.58	-0.05	-0.05	0.01	0.00	0.27
574	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.71	0.71	-0.05	-0.05	0.01	0.00	0.28
575	0.74	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.85	0.84	-0.06	-0.06	0.01	0.00	0.28
576	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.49	0.48	-0.03	-0.03	0.01	0.00	0.14
577	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
578	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.45	-0.45	0.00	0.00	-0.01	0.00	0.15
579	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.78	-0.78	-0.01	-0.01	-0.01	0.00	0.30
580	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.66	-0.66	-0.02	-0.02	-0.01	0.00	0.29
581	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.55	-0.54	-0.02	-0.02	-0.01	0.00	0.28
582	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.43	-0.43	-0.02	-0.02	-0.01	0.00	0.27
583	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.32	-0.32	-0.02	-0.02	0.00	0.00	0.26
584	0.69	1.23	1.21	1.21	1.21	1.21	1.22	0.00	-0.22	-0.21	-0.03	-0.03	0.00	0.00	0.25
585	0.68	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.11	-0.11	-0.03	-0.03	0.00	0.00	0.25
586	0.68	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	0.25
587	0.68	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.03	-0.03	0.00	0.00	0.25
588	0.69	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.22	0.22	-0.04	-0.04	0.00	0.00	0.25
589	0.70	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.34	0.34	-0.04	-0.04	0.00	0.00	0.26
590	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.46	0.46	-0.05	-0.05	0.01	0.00	0.27
591	0.73	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.59	0.58	-0.05	-0.05	0.01	0.00	0.28
592	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.72	0.71	-0.06	-0.05	0.01	0.00	0.28
593	0.75	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.85	0.85	-0.06	-0.06	0.01	0.00	0.29
594	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.49	0.49	-0.03	-0.03	0.01	0.00	0.14
595	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.45	-0.01	-0.01	-0.01	0.00	0.15
596	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.79	-0.79	-0.02	-0.02	-0.01	0.00	0.30
597	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.67	-0.66	-0.02	-0.02	-0.01	0.00	0.29
598	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.55	-0.55	-0.02	-0.02	-0.01	0.00	0.28
599	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.44	-0.43	-0.02	-0.02	-0.01	0.00	0.27
600	0.70	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.33	-0.32	-0.03	-0.03	0.00	0.00	0.26
601	0.69	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.22	-0.22	-0.03	-0.03	0.00	0.00	0.25
602	0.68	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.11	-0.11	-0.03	-0.03	0.00	0.00	0.25
603	0.68	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	0.25
604	0.69	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.04	-0.04	0.00	0.00	0.25
605	0.70	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.22	0.22	-0.04	-0.04	0.00	0.00	0.26
606	0.71	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.34	0.34	-0.05	-0.05	0.00	0.00	0.26
607	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.47	0.46	-0.05	-0.05	0.01	0.00	0.27
608	0.73	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.60	0.59	-0.05	-0.05	0.01	0.00	0.28
609	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.73	0.72	-0.06	-0.06	0.01	0.00	0.28
610	0.75	1.22	1.22	1.20	1.20	1.22	1.21	0.00	0.86	0.85	-0.06	-0.06	0.01	0.00	0.29
611	0.37	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.49	0.49	-0.03	-0.03	0.01	0.00	0.14
612	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	-0.01	-0.01	-0.01	0.00	0.15
613	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.79	-0.79	-0.02	-0.02	-0.01	0.00	0.30
614	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.67	-0.67	-0.02	-0.02	-0.01	0.00	0.29
615	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.55	-0.55	-0.02	-0.02	-0.01	0.00	0.28
616	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.44	-0.44	-0.03	-0.03	-0.01	0.00	0.27
617	0.71	1.23	1.21	1.21	1.22	1.21	1.23	0.00	-0.33	-0.33	-0.03	-0.03	0.00	0.00	0.26
618	0.69	1.23	1.21	1.21	1.21	1.21	1.23	0.00	-0.22	-0.22	-0.03	-0.03	0.00	0.00	0.25
619	0.69	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.11	-0.11	-0.03	-0.03	0.00	0.00	0.25
620	0.69	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.04	-0.04	0.00	0.00	0.25
621	0.70	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.04	-0.04	0.00	0.00	0.25
622	0.70	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.23	0.23	-0.04	-0.04	0.00	0.00	0.26
623	0.72	1.22	1.22												

WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
625	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.60	0.60	-0.06	-0.06	0.01	0.00	0.28
626	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.73	0.73	-0.06	-0.06	0.01	0.00	0.29
627	0.77	1.25	1.25	1.22	1.23	1.25	1.24	0.00	0.89	0.88	-0.07	-0.07	0.01	0.00	0.29
628	0.34	0.55	0.55	0.54	0.54	0.55	0.55	0.00	0.45	0.44	-0.03	-0.03	0.01	0.00	0.13
629	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	-0.01	-0.01	-0.01	0.00	0.15
630	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
631	0.77	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.79	-0.79	-0.02	-0.02	-0.01	0.00	0.30
632	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.67	-0.67	-0.03	-0.03	-0.01	0.00	0.29
633	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.56	-0.55	-0.03	-0.03	-0.01	0.00	0.28
634	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.44	-0.44	-0.03	-0.03	-0.01	0.00	0.27
635	0.71	1.23	1.21	1.21	1.22	1.21	1.23	0.00	-0.33	-0.33	-0.03	-0.03	0.00	0.00	0.26
636	0.70	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.22	-0.22	-0.03	-0.03	0.00	0.00	0.26
637	0.69	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.11	-0.11	-0.04	-0.04	0.00	0.00	0.25
638	0.70	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.04	-0.04	0.00	0.00	0.25
639	0.70	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.04	-0.04	0.00	0.00	0.26
640	0.71	1.22	1.21	1.21	1.21	1.22	1.22	0.00	0.23	0.23	-0.05	-0.05	0.00	0.00	0.27
641	0.72	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.35	0.35	-0.05	-0.05	0.00	0.00	0.27
642	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.48	0.47	-0.06	-0.06	0.01	0.00	0.28
643	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.61	0.60	-0.06	-0.06	0.01	0.00	0.28
644	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.74	0.73	-0.07	-0.07	0.01	0.00	0.29
645	0.56	0.91	0.91	0.90	0.90	0.92	0.91	0.00	0.65	0.65	-0.05	-0.05	0.01	0.00	0.22
646	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.47	0.47	-0.04	-0.03	0.01	0.00	0.14
647	0.19	0.31	0.31	0.30	0.30	0.31	0.31	0.00	0.25	0.25	-0.02	-0.02	0.00	0.00	0.07
648	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	-0.01	-0.01	-0.01	0.00	0.15
649	0.77	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.80	-0.79	-0.03	-0.03	-0.01	0.00	0.30
650	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.68	-0.67	-0.03	-0.03	-0.01	0.00	0.29
651	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.56	-0.56	-0.03	-0.03	-0.01	0.00	0.28
652	0.72	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.45	-0.44	-0.03	-0.03	-0.01	0.00	0.27
653	0.71	1.23	1.21	1.21	1.22	1.21	1.23	0.00	-0.33	-0.33	-0.03	-0.04	0.00	0.00	0.26
654	0.70	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.22	-0.22	-0.04	-0.04	0.00	0.00	0.26
655	0.70	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.11	-0.11	-0.04	-0.04	0.00	0.00	0.26
656	0.70	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.04	-0.04	0.00	0.00	0.26
657	0.71	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.11	0.11	-0.05	-0.05	0.00	0.00	0.26
658	0.72	1.22	1.22	1.21	1.21	1.22	1.22	0.00	0.23	0.23	-0.05	-0.05	0.00	0.00	0.27
659	0.73	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.36	0.35	-0.06	-0.06	0.00	0.00	0.28
660	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.48	0.48	-0.06	-0.06	0.01	0.00	0.28
661	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.62	0.61	-0.07	-0.07	0.01	0.00	0.29
662	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.75	0.74	-0.07	-0.07	0.01	0.00	0.29
663	0.32	0.52	0.52	0.51	0.51	0.52	0.52	0.00	0.37	0.37	-0.03	-0.03	0.00	0.00	0.12
664	0.17	0.27	0.28	0.27	0.27	0.28	0.27	0.00	0.23	0.22	-0.02	-0.02	0.00	0.00	0.07
665	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	-0.01	-0.01	-0.01	0.00	0.15
666	0.77	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.80	-0.80	-0.03	-0.03	-0.01	0.00	0.30
667	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.68	-0.68	-0.03	-0.03	-0.01	0.00	0.29
668	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.56	-0.56	-0.03	-0.03	-0.01	0.00	0.28
669	0.73	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.45	-0.45	-0.04	-0.04	-0.01	0.00	0.27
670	0.72	1.23	1.21	1.21	1.22	1.21	1.23	0.00	-0.34	-0.33	-0.04	-0.04	0.00	0.00	0.27
671	0.71	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.23	-0.22	-0.04	-0.04	0.00	0.00	0.26
672	0.71	1.23	1.21	1.21	1.21	1.22	1.22	0.00	-0.11	-0.11	-0.04	-0.04	0.00	0.00	0.26
673	0.71	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.05	-0.05	0.00	0.00	0.26
674	0.72	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.11	-0.05	-0.05	0.00	0.00	0.27
675	0.73	1.22	1.22	1.21	1.21	1.22	1.22	0.00	0.24	0.23	-0.06	-0.06	0.00	0.00	0.28
676	0.74	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.36	0.36	-0.06	-0.06	0.00	0.00	0.28
677	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.49	0.49	-0.07	-0.06	0.01	0.00	0.29
678	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.62	0.62	-0.07	-0.07	0.01	0.00	0.29
679	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.38	0.37	-0.04	-0.04	0.01	0.00	0.15
680	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.46	-0.46	-0.01	-0.01	-0.01	0.00	0.15
681	0.76	1.22	1.19	1.20	1.20	1.19	1.21	0.00	-0.79	-0.79	-0.03	-0.03	-0.01	0.00	0.30
682	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.69	-0.68	-0.03	-0.04	-0.01	0.00	0.29
683	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.57	-0.57	-0.04	-0.04	-0.01	0.00	0.28
684	0.73	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.45	-0.45	-0.04	-0.04	-0.01	0.00	0.28
685	0.72	1.23	1.21	1.21	1.22	1.21	1.23	0.00	-0.34	-0.34	-0.04	-0.04	0.00	0.00	0.27
686	0.72	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.23	-0.23	-0.04	-0.04	0.00	0.00	0.27
687	0.72	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.12	-0.11	-0.05	-0.05	0.00	0.00	0.27
688	0.72	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.00	0.00	-0.05	-0.05	0.00	0.00	0.27
689	0.73	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.12	-0.06	-0.06	0.00	0.00	0.28
690	0.74	1.23	1.22	1.21	1.21	1.22	1.22	0.00	0.24	0.24	-0.06	-0.06	0.00	0.00	0.28
691	0.75	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.37	0.36	-0.07	-0.06	0.00	0.00	0.29
692	0.76	1.22	1.22	1.20	1.20	1.22	1.22	0.00	0.50	0.49	-0.07	-0.07	0.01	0.00	0.29
693	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.31	0.31	-0.04	-0.04	0.00	0.00	0.15
694	0.32	0.51	0.49	0.50	0.50	0.50	0.51	0.00	-0.38	-0.38	-0.01	-0.01	0.00	0.00	0.13
695	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.44	-0.44	-0.02	-0.02	-0.01	0.00	0.15
696	0.50	0.80	0.78	0.79	0.79	0.79	0.80	0.00	-0.53	-0.52	-0.02	-0.02	-0.01	0.00	0.20
697	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.69	-0.69	-0.04	-0.04	-0.01	0.00	0.29
698	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.57	-0.57	-0.04	-0.04	-0.01	0.00	0.29
699	0.73	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.46	-0.45	-0.04	-0.04	-0.01	0.00	0.28
700	0.73	1.23	1.21	1.21	1.22	1.22	1.23	0.00	-0.34	-0.34	-0.05	-0.05	0.00	0.00	0.27
701	0.72	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.23	-0.23	-0.05	-0.05	0.00	0.00	0.27
702	0.73	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.12	-0.12	-0.05	-0.05	0.00	0.00	0.27
703	0.74	1.23	1.21	1.21	1.21	1.22	1.23	0.00	0.00	0.00	-0.06	-0.06	0.00	0.00	0.28
704	0.74	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.12	-0.06	-0.06	0.00	0.00	0.28
705	0.75	1.23	1.22	1.21	1.21	1.22	1.22	0.00	0.24	0.24	-0.06	-0.06	0.00	0.00	0.29
706	0.76	1.22	1.22												

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 116

PROJE : havuz

(HAVUZ40.ST4)

WINKLER YAY YÜKLERİ (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
708	0.13	0.20	0.20	0.20	0.20	0.20	0.20	0.00	-0.15	-0.15	-0.01	-0.01	0.00	0.00	0.05
709	0.15	0.24	0.23	0.24	0.24	0.24	0.24	0.00	-0.18	-0.18	-0.01	-0.01	0.00	0.00	0.06
710	0.79	1.26	1.22	1.24	1.24	1.23	1.25	0.00	-0.83	-0.82	-0.04	-0.04	-0.01	0.00	0.31
711	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.70	-0.69	-0.04	-0.04	-0.01	0.00	0.30
712	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.58	-0.57	-0.04	-0.04	-0.01	0.00	0.29
713	0.74	1.23	1.21	1.22	1.22	1.21	1.23	0.00	-0.46	-0.46	-0.05	-0.05	-0.01	0.00	0.28
714	0.73	1.23	1.21	1.22	1.22	1.22	1.23	0.00	-0.35	-0.35	-0.05	-0.05	0.00	0.00	0.28
715	0.73	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.23	-0.23	-0.05	-0.05	0.00	0.00	0.28
716	0.74	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.12	-0.12	-0.06	-0.06	0.00	0.00	0.28
717	0.75	1.23	1.21	1.21	1.21	1.22	1.23	0.00	0.00	0.00	-0.06	-0.06	0.00	0.00	0.29
718	0.76	1.23	1.21	1.21	1.21	1.22	1.22	0.00	0.12	0.12	-0.06	-0.06	0.00	0.00	0.29
719	0.76	1.23	1.22	1.21	1.21	1.22	1.22	0.00	0.25	0.25	-0.07	-0.07	0.00	0.00	0.29
720	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.19	0.19	-0.04	-0.04	0.00	0.00	0.15
721	0.35	0.55	0.53	0.54	0.54	0.53	0.54	0.00	-0.41	-0.41	-0.02	-0.02	-0.01	0.00	0.14
722	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.82	-0.82	-0.04	-0.04	-0.01	0.00	0.30
723	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.70	-0.70	-0.04	-0.05	-0.01	0.00	0.30
724	0.75	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.58	-0.58	-0.05	-0.05	-0.01	0.00	0.29
725	0.74	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.47	-0.46	-0.05	-0.05	-0.01	0.00	0.28
726	0.74	1.23	1.21	1.22	1.22	1.22	1.23	0.00	-0.35	-0.35	-0.05	-0.05	0.00	0.00	0.28
727	0.74	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.24	-0.24	-0.06	-0.06	0.00	0.00	0.28
728	0.75	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.12	-0.12	-0.06	-0.06	0.00	0.00	0.29
729	0.76	1.23	1.21	1.21	1.21	1.22	1.23	0.00	0.00	0.00	-0.06	-0.06	0.00	0.00	0.29
730	0.76	1.23	1.22	1.21	1.21	1.22	1.23	0.00	0.12	0.12	-0.07	-0.07	0.00	0.00	0.30
731	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.13	0.12	-0.04	-0.04	0.00	0.00	0.15
732	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.47	-0.47	-0.02	-0.02	-0.01	0.00	0.16
733	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.83	-0.82	-0.05	-0.05	-0.01	0.00	0.30
734	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.71	-0.70	-0.05	-0.05	-0.01	0.00	0.30
735	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.59	-0.59	-0.05	-0.05	-0.01	0.00	0.29
736	0.75	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.47	-0.47	-0.05	-0.05	-0.01	0.00	0.29
737	0.75	1.23	1.21	1.22	1.22	1.22	1.23	0.00	-0.36	-0.35	-0.06	-0.06	0.00	0.00	0.29
738	0.75	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.24	-0.24	-0.06	-0.06	0.00	0.00	0.29
739	0.76	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.12	-0.12	-0.06	-0.06	0.00	0.00	0.29
740	0.77	1.23	1.21	1.21	1.21	1.22	1.23	0.00	0.00	0.00	-0.07	-0.07	0.00	0.00	0.30
741	0.38	0.61	0.61	0.60	0.60	0.61	0.61	0.00	0.06	0.06	-0.04	-0.04	0.00	0.00	0.15
742	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.48	-0.47	-0.02	-0.02	-0.01	0.00	0.16
743	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.83	-0.83	-0.05	-0.05	-0.01	0.00	0.31
744	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.71	-0.71	-0.05	-0.05	-0.01	0.00	0.30
745	0.76	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.60	-0.59	-0.05	-0.05	-0.01	0.00	0.29
746	0.76	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.48	-0.48	-0.06	-0.06	-0.01	0.00	0.29
747	0.76	1.23	1.21	1.22	1.22	1.22	1.23	0.00	-0.36	-0.36	-0.06	-0.06	0.00	0.00	0.29
748	0.76	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.25	-0.24	-0.06	-0.06	0.00	0.00	0.30
749	0.77	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.13	-0.12	-0.07	-0.07	0.00	0.00	0.30
750	0.38	0.62	0.61	0.61	0.61	0.61	0.61	0.00	0.00	0.00	-0.04	-0.04	0.00	0.00	0.15
751	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
752	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.48	-0.48	-0.02	-0.02	-0.01	0.00	0.16
753	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.84	-0.83	-0.05	-0.05	-0.01	0.00	0.31
754	0.77	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.72	-0.72	-0.05	-0.06	-0.01	0.00	0.30
755	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.60	-0.60	-0.06	-0.06	-0.01	0.00	0.30
756	0.77	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.49	-0.48	-0.06	-0.06	-0.01	0.00	0.30
757	0.77	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.37	-0.37	-0.06	-0.07	0.00	0.00	0.30
758	0.77	1.23	1.21	1.21	1.21	1.22	1.23	0.00	-0.25	-0.25	-0.07	-0.07	0.00	0.00	0.30
759	0.39	0.62	0.61	0.61	0.61	0.61	0.61	0.00	-0.06	-0.06	-0.04	-0.04	0.00	0.00	0.15
760	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.48	-0.48	-0.03	-0.03	-0.01	0.00	0.16
761	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.85	-0.84	-0.06	-0.06	-0.01	0.00	0.31
762	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.73	-0.72	-0.06	-0.06	-0.01	0.00	0.30
763	0.77	1.24	1.21	1.22	1.22	1.21	1.23	0.00	-0.61	-0.60	-0.06	-0.06	-0.01	0.00	0.30
764	0.77	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.49	-0.49	-0.06	-0.07	-0.01	0.00	0.30
765	0.77	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.37	-0.37	-0.07	-0.07	0.00	0.00	0.30
766	0.39	0.62	0.61	0.61	0.61	0.61	0.62	0.00	-0.13	-0.12	-0.04	-0.04	0.00	0.00	0.15
767	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.49	-0.48	-0.03	-0.03	-0.01	0.00	0.16
768	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
769	0.79	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.85	-0.85	-0.06	-0.06	-0.01	0.00	0.31
770	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.74	-0.73	-0.06	-0.06	-0.01	0.00	0.31
771	0.78	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.62	-0.61	-0.07	-0.07	-0.01	0.00	0.30
772	0.78	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.50	-0.49	-0.07	-0.07	-0.01	0.00	0.30
773	0.39	0.62	0.61	0.61	0.61	0.61	0.62	0.00	-0.19	-0.19	-0.04	-0.04	0.00	0.00	0.15
774	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.49	-0.49	-0.03	-0.03	-0.01	0.00	0.16
775	0.79	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.86	-0.85	-0.06	-0.06	-0.01	0.00	0.31
776	0.78	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.74	-0.74	-0.07	-0.07	-0.01	0.00	0.31
777	0.78	1.24	1.21	1.22	1.22	1.22	1.23	0.00	-0.62	-0.62	-0.07	-0.07	-0.01	0.00	0.31
778	0.39	0.62	0.61	0.61	0.61	0.61	0.62	0.00	-0.25	-0.25	-0.04	-0.04	0.00	0.00	0.15
779	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.49	-0.49	-0.03	-0.03	-0.01	0.00	0.16
780	0.79	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.87	-0.86	-0.07	-0.07	-0.01	0.00	0.31
781	0.79	1.24	1.21	1.22	1.22	1.21	1.24	0.00	-0.75	-0.74	-0.07	-0.07	-0.01	0.00	0.31
782	0.39	0.62	0.61	0.61	0.61	0.61	0.62	0.00	-0.32	-0.31	-0.04	-0.04	0.00	0.00	0.15
783	0.40	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.50	-0.49	-0.03	-0.03	-0.01	0.00	0.16
784	0.71	1.12	1.09	1.10	1.10	1.09	1.11	0.00	-0.79	-0.78	-0.06	-0.06	-0.01	0.00	0.28
785	0.39	0.62	0.60	0.61	0.61	0.61	0.62	0.00	-0.38	-0.37	-0.04	-0.04	-0.01	0.00	0.16
786	0.26	0.41	0.39	0.40	0.40	0.39	0.40	0.00	-0.33	-0.32	-0.02	-0.02	0.00	0.00	0.10
787	0.20	0.31	0.30	0.31	0.31	0.30	0.31	0.00	-0.24	-0.24	-0.02	-0.02	0.00	0.00	0.08
788	0.34	0.53	0.51	0.52	0.52	0.52	0.53	0.00	-0.37	-0.37	-0.				

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 117

PROJE : havuz

(HAVUZ40.ST4)

LOADS CHECK

DEAD LOADS CHECK

Wg=319.71 (t) (G JOINT LOADS) +191.29 (DEAD LOAD) =511.00 (t) (G WINKLER SPRING REACTION)

LIVE LOADS CHECK

Wq=11.73 (t) (Q JOINT LOADS) +850.20 (LIVE LOAD) =861.93 (t) (Q WINKLER SPRING REACTION)

ZEMİN GERİLMESİ t/m²

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
1	3.111	5.016	5.052	4.929	4.934	5.057	5.002	0.00	4.13	4.17	0.31	0.30	0.06	0.00	1.19	12.446
2	3.118	5.024	5.049	4.938	4.943	5.054	5.009	0.00	3.61	3.65	0.31	0.30	0.05	0.00	1.20	12.451
3	3.126	5.033	5.046	4.946	4.952	5.051	5.016	0.00	3.10	3.13	0.30	0.30	0.04	0.00	1.20	12.457
4	3.107	5.016	5.052	4.929	4.934	5.057	5.002	0.00	4.10	4.14	0.29	0.29	0.06	0.00	1.19	12.441
5	3.111	5.019	5.051	4.932	4.937	5.055	5.005	0.00	3.90	3.94	0.29	0.29	0.05	0.00	1.19	12.444
6	3.113	5.024	5.049	4.938	4.943	5.054	5.009	0.00	3.59	3.62	0.29	0.29	0.05	0.00	1.19	12.444
7	3.134	5.041	5.042	4.955	4.960	5.048	5.023	0.00	2.58	2.61	0.30	0.30	0.03	0.00	1.21	12.464
8	3.117	5.032	5.045	4.946	4.952	5.051	5.016	0.00	3.07	3.10	0.29	0.29	0.04	0.00	1.20	12.445
9	3.103	5.015	5.052	4.929	4.934	5.057	5.002	0.00	4.08	4.12	0.28	0.27	0.05	0.00	1.19	12.435
10	3.105	5.023	5.048	4.938	4.943	5.054	5.009	0.00	3.56	3.60	0.28	0.27	0.05	0.00	1.19	12.433
11	3.122	5.040	5.042	4.955	4.960	5.048	5.023	0.00	2.56	2.58	0.29	0.29	0.03	0.00	1.20	12.447
12	3.142	5.049	5.039	4.964	4.969	5.045	5.030	0.00	2.06	2.09	0.30	0.30	0.03	0.00	1.21	12.479
13	3.105	5.032	5.045	4.946	4.951	5.051	5.016	0.00	3.04	3.07	0.27	0.27	0.04	0.00	1.19	12.428
14	3.099	5.015	5.051	4.929	4.934	5.057	5.002	0.00	4.05	4.09	0.26	0.26	0.05	0.00	1.19	12.430
15	3.098	5.023	5.048	4.937	4.942	5.054	5.009	0.00	3.53	3.57	0.26	0.26	0.05	0.00	1.18	12.423
16	3.128	5.049	5.039	4.964	4.969	5.045	5.030	0.00	2.04	2.07	0.29	0.28	0.03	0.00	1.20	12.457
17	3.104	5.040	5.041	4.955	4.960	5.048	5.022	0.00	2.53	2.56	0.27	0.27	0.03	0.00	1.19	12.421
18	3.152	5.058	5.036	4.973	4.978	5.043	5.037	0.00	1.55	1.56	0.30	0.30	0.02	0.00	1.22	12.505
19	3.091	5.031	5.045	4.946	4.951	5.050	5.015	0.00	3.01	3.04	0.26	0.26	0.04	0.00	1.18	12.408
20	3.096	5.015	5.051	4.929	4.933	5.057	5.002	0.00	4.03	4.06	0.25	0.25	0.05	0.00	1.18	12.425
21	3.090	5.022	5.048	4.937	4.942	5.054	5.008	0.00	3.51	3.54	0.25	0.24	0.05	0.00	1.18	12.412
22	3.136	5.057	5.035	4.973	4.978	5.042	5.037	0.00	1.53	1.55	0.29	0.28	0.02	0.00	1.21	12.481
23	3.104	5.048	5.038	4.964	4.969	5.045	5.029	0.00	2.02	2.04	0.27	0.27	0.03	0.00	1.19	12.422
24	3.082	5.039	5.041	4.955	4.960	5.047	5.022	0.00	2.50	2.53	0.26	0.25	0.03	0.00	1.18	12.391
25	3.162	5.066	5.032	4.982	4.987	5.040	5.044	0.00	1.03	1.04	0.30	0.30	0.01	0.00	1.22	12.532
26	3.077	5.030	5.044	4.946	4.951	5.050	5.015	0.00	2.99	3.01	0.24	0.24	0.04	0.00	1.17	12.388
27	3.092	5.014	5.051	4.929	4.933	5.057	5.002	0.00	4.00	4.04	0.24	0.23	0.05	0.00	1.18	12.420
28	3.084	5.022	5.048	4.937	4.942	5.053	5.008	0.00	3.48	3.51	0.23	0.23	0.05	0.00	1.18	12.403
29	3.108	5.056	5.035	4.973	4.978	5.042	5.036	0.00	1.51	1.53	0.27	0.27	0.02	0.00	1.19	12.440
30	3.146	5.065	5.032	4.982	4.987	5.040	5.044	0.00	1.02	1.03	0.29	0.28	0.01	0.00	1.21	12.508
31	3.076	5.046	5.038	4.964	4.969	5.044	5.029	0.00	1.99	2.01	0.25	0.25	0.03	0.00	1.17	12.380
32	3.061	5.038	5.041	4.955	4.960	5.047	5.021	0.00	2.47	2.50	0.24	0.24	0.03	0.00	1.16	12.360
33	3.172	5.074	5.029	4.991	4.996	5.037	5.052	0.00	0.52	0.52	0.30	0.30	0.01	0.00	1.23	12.560
34	3.064	5.029	5.044	4.946	4.951	5.050	5.015	0.00	2.96	2.99	0.23	0.23	0.04	0.00	1.16	12.370
35	3.089	5.014	5.051	4.928	4.933	5.057	5.002	0.00	3.98	4.01	0.22	0.22	0.05	0.00	1.18	12.415
37	3.077	5.022	5.047	4.937	4.942	5.053	5.008	0.00	3.45	3.48	0.22	0.22	0.05	0.00	1.17	12.394
38	3.116	5.064	5.031	4.982	4.987	5.039	5.043	0.00	1.01	1.02	0.27	0.27	0.01	0.00	1.20	12.464
39	3.073	5.054	5.034	4.973	4.978	5.041	5.035	0.00	1.49	1.50	0.25	0.25	0.02	0.00	1.17	12.389
40	3.159	5.074	5.029	4.990	4.996	5.037	5.051	0.00	0.51	0.52	0.29	0.28	0.01	0.00	1.22	12.541
41	3.046	5.045	5.037	4.964	4.969	5.044	5.028	0.00	1.97	1.99	0.24	0.24	0.03	0.00	1.15	12.337
42	3.040	5.037	5.040	4.955	4.960	5.047	5.021	0.00	2.45	2.47	0.23	0.22	0.03	0.00	1.15	12.331
43	3.184	5.083	5.026	4.999	5.004	5.034	5.059	0.00	0.00	0.00	0.30	0.30	0.00	0.00	1.24	12.590
44	3.052	5.029	5.044	4.946	4.951	5.050	5.014	0.00	2.93	2.96	0.22	0.21	0.04	0.00	1.16	12.353
45	3.086	5.014	5.051	4.928	4.933	5.057	5.002	0.00	3.95	3.98	0.21	0.20	0.05	0.00	1.18	12.411
46	3.072	5.021	5.047	4.937	4.942	5.054	5.008	0.00	3.43	3.46	0.20	0.20	0.05	0.00	1.17	12.386
47	3.076	5.062	5.031	4.982	4.987	5.038	5.042	0.00	0.99	1.00	0.25	0.25	0.01	0.00	1.17	12.406
48	3.128	5.072	5.028	4.990	4.995	5.036	5.050	0.00	0.50	0.51	0.27	0.27	0.01	0.00	1.20	12.494
49	3.037	5.053	5.033	4.973	4.978	5.041	5.034	0.00	1.47	1.48	0.24	0.23	0.02	0.00	1.15	12.335
50	3.177	5.082	5.026	4.999	5.004	5.034	5.058	0.00	0.00	0.00	0.29	0.29	0.00	0.00	1.23	12.580
51	3.018	5.044	5.036	4.964	4.969	5.043	5.027	0.00	1.94	1.96	0.22	0.22	0.03	0.00	1.14	12.295
52	3.022	5.036	5.040	4.955	4.960	5.046	5.021	0.00	2.42	2.44	0.21	0.21	0.03	0.00	1.14	12.304
54	3.196	5.091	5.023	5.008	5.013	5.031	5.066	0.00	-0.51	-0.52	0.30	0.30	-0.01	0.00	1.24	12.620
55	3.042	5.028	5.043	4.946	4.951	5.050	5.014	0.00	2.91	2.93	0.20	0.20	0.04	0.00	1.15	12.338
56	3.082	5.013	5.050	4.928	4.933	5.057	5.002	0.00	3.93	3.96	0.19	0.19	0.05	0.00	1.18	12.406
57	3.067	5.021	5.047	4.937	4.942	5.054	5.008	0.00	3.40	3.43	0.19	0.19	0.05	0.00	1.17	12.379
58	3.083	5.070	5.028	4.990	4.995	5.036	5.049	0.00	0.50	0.50	0.25	0.25	0.01	0.00	1.18	12.429
59	3.033	5.060	5.030	4.982	4.986	5.038	5.041	0.00	0.98	0.98	0.23	0.23	0.01	0.00	1.15	12.342
60	3.142	5.081	5.025	4.999	5.004	5.034	5.057	0.00	0.00	0.00	0.27	0.27	0.00	0.00	1.21	12.528
61	3.001	5.051	5.033	4.973	4.978	5.040	5.034	0.00	1.45	1.46	0.22	0.22	0.02	0.00	1.13	12.283
62	3.183	5.090	5.022	5.008	5.013	5.031	5.065	0.00	-0.51	-0.51	0.28	0.29	-0.01	0.00	1.24	12.600
63	2.992	5.043	5.036	4.964	4.969											

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 118

PROJE : havuz

(HAVUZ40.ST4)

ZEMİN GERİLMESİ t/m²

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
78	3.027	5.027	5.043	4.946	4.951	5.050	5.014	0.00	2.86	2.89	0.17	0.17	0.04	0.00	1.14	12.317
79	3.077	5.013	5.050	4.929	4.933	5.057	5.002	0.00	3.88	3.91	0.17	0.16	0.05	0.00	1.17	12.398
80	3.061	5.020	5.047	4.937	4.942	5.054	5.008	0.00	3.36	3.38	0.16	0.16	0.04	0.00	1.16	12.371
81	2.989	5.066	5.026	4.990	4.995	5.034	5.047	0.00	0.48	0.48	0.22	0.22	0.01	0.00	1.12	12.290
82	3.044	5.076	5.024	4.999	5.003	5.032	5.055	0.00	0.00	0.00	0.23	0.23	0.00	0.00	1.15	12.383
83	3.106	5.087	5.021	5.008	5.012	5.030	5.063	0.00	-0.49	-0.50	0.25	0.25	-0.01	0.00	1.19	12.487
84	2.952	5.057	5.029	4.982	4.986	5.036	5.039	0.00	0.95	0.96	0.20	0.20	0.01	0.00	1.10	12.223
85	3.161	5.097	5.018	5.016	5.021	5.028	5.071	0.00	-1.00	-1.01	0.27	0.27	-0.01	0.00	1.22	12.581
86	2.939	5.048	5.032	4.973	4.977	5.039	5.032	0.00	1.41	1.43	0.19	0.19	0.02	0.00	1.09	12.192
87	3.205	5.107	5.016	5.025	5.030	5.025	5.079	0.00	-1.53	-1.54	0.28	0.29	-0.02	0.00	1.25	12.658
88	2.950	5.041	5.035	4.964	4.969	5.042	5.026	0.00	1.88	1.90	0.18	0.18	0.02	0.00	1.10	12.198
89	2.981	5.034	5.039	4.956	4.960	5.046	5.020	0.00	2.36	2.38	0.17	0.17	0.03	0.00	1.11	12.247
90	3.235	5.116	5.013	5.034	5.039	5.023	5.087	0.00	-2.06	-2.08	0.30	0.30	-0.03	0.00	1.27	12.715
91	3.022	5.027	5.043	4.947	4.951	5.050	5.014	0.00	2.84	2.86	0.16	0.16	0.04	0.00	1.14	12.311
92	3.074	5.013	5.050	4.929	4.933	5.057	5.002	0.00	3.86	3.88	0.15	0.15	0.05	0.00	1.17	12.395
93	3.060	5.020	5.046	4.938	4.942	5.054	5.008	0.00	3.34	3.36	0.15	0.15	0.04	0.00	1.16	12.370
94	3.073	5.016	5.049	4.932	4.937	5.056	5.005	0.00	3.65	3.67	0.15	0.15	0.05	0.00	1.17	12.392
95	2.946	5.064	5.025	4.990	4.995	5.033	5.045	0.00	0.47	0.48	0.20	0.20	0.01	0.00	1.09	12.228
96	2.996	5.074	5.023	4.999	5.003	5.031	5.053	0.00	0.00	0.00	0.22	0.22	0.00	0.00	1.12	12.312
97	3.058	5.084	5.020	5.007	5.012	5.029	5.062	0.00	-0.48	-0.49	0.23	0.23	-0.01	0.00	1.16	12.416
98	3.121	5.095	5.018	5.016	5.021	5.027	5.070	0.00	-0.99	-1.00	0.25	0.25	-0.01	0.00	1.20	12.522
99	2.918	5.055	5.028	4.982	4.986	5.036	5.038	0.00	0.94	0.94	0.19	0.18	0.01	0.00	1.08	12.174
100	3.177	5.105	5.015	5.025	5.030	5.025	5.079	0.00	-1.51	-1.52	0.27	0.27	-0.02	0.00	1.23	12.616
101	2.915	5.047	5.031	4.973	4.977	5.039	5.031	0.00	1.40	1.41	0.17	0.17	0.02	0.00	1.07	12.156
102	3.220	5.115	5.012	5.034	5.039	5.023	5.087	0.00	-2.04	-2.06	0.28	0.29	-0.03	0.00	1.26	12.693
103	2.935	5.040	5.035	4.964	4.969	5.042	5.025	0.00	1.86	1.88	0.16	0.16	0.02	0.00	1.09	12.176
104	2.972	5.033	5.039	4.956	4.960	5.046	5.020	0.00	2.34	2.36	0.15	0.15	0.03	0.00	1.11	12.235
105	3.250	5.125	5.009	5.043	5.048	5.020	5.094	0.00	-2.58	-2.60	0.30	0.30	-0.03	0.00	1.28	12.749
106	3.018	5.027	5.043	4.947	4.951	5.050	5.014	0.00	2.82	2.84	0.15	0.14	0.04	0.00	1.14	12.305
107	3.074	5.013	5.050	4.929	4.933	5.057	5.002	0.00	3.86	3.88	0.15	0.15	0.05	0.00	1.17	12.395
108	3.054	5.020	5.046	4.938	4.942	5.054	5.008	0.00	3.32	3.34	0.14	0.13	0.04	0.00	1.16	12.362
109	2.952	5.072	5.022	4.999	5.003	5.031	5.052	0.00	0.00	0.00	0.20	0.20	0.00	0.00	1.10	12.248
110	2.909	5.063	5.025	4.990	4.994	5.033	5.044	0.00	0.47	0.47	0.18	0.18	0.01	0.00	1.07	12.173
111	3.011	5.082	5.020	5.007	5.012	5.029	5.060	0.00	-0.48	-0.48	0.22	0.22	-0.01	0.00	1.13	12.347
112	3.078	5.093	5.017	5.016	5.021	5.027	5.069	0.00	-0.97	-0.98	0.23	0.23	-0.01	0.00	1.17	12.457
113	3.142	5.103	5.015	5.025	5.030	5.025	5.077	0.00	-1.49	-1.50	0.25	0.25	-0.02	0.00	1.21	12.564
114	2.890	5.054	5.028	4.982	4.986	5.036	5.037	0.00	0.93	0.93	0.17	0.17	0.01	0.00	1.06	12.132
115	3.196	5.114	5.012	5.034	5.039	5.022	5.086	0.00	-2.01	-2.04	0.27	0.27	-0.03	0.00	1.24	12.657
116	2.895	5.046	5.031	4.973	4.977	5.039	5.031	0.00	1.38	1.39	0.16	0.16	0.02	0.00	1.06	12.127
117	3.238	5.124	5.009	5.043	5.048	5.020	5.094	0.00	-2.55	-2.58	0.28	0.29	-0.03	0.00	1.27	12.731
118	2.922	5.039	5.035	4.964	4.968	5.042	5.025	0.00	1.85	1.86	0.15	0.15	0.02	0.00	1.08	12.158
119	2.965	5.033	5.038	4.956	4.960	5.046	5.020	0.00	2.32	2.34	0.14	0.14	0.03	0.00	1.11	12.225
120	3.265	5.133	5.006	5.052	5.057	5.017	5.101	0.00	-3.09	-3.13	0.30	0.30	-0.04	0.00	1.29	12.784
121	3.012	5.027	5.042	4.947	4.951	5.050	5.014	0.00	2.81	2.82	0.13	0.13	0.04	0.00	1.13	12.297
122	3.072	5.013	5.050	4.929	4.933	5.057	5.002	0.00	3.84	3.86	0.14	0.13	0.05	0.00	1.17	12.392
123	3.049	5.020	5.046	4.938	4.942	5.054	5.008	0.00	3.30	3.32	0.12	0.12	0.04	0.00	1.16	12.355
124	2.913	5.070	5.022	4.999	5.003	5.030	5.051	0.00	0.00	0.00	0.18	0.18	0.00	0.00	1.07	12.191
125	2.968	5.080	5.019	5.007	5.012	5.028	5.059	0.00	-0.47	-0.47	0.20	0.20	-0.01	0.00	1.11	12.284
126	2.878	5.061	5.024	4.990	4.994	5.032	5.044	0.00	0.46	0.47	0.17	0.17	0.01	0.00	1.05	12.127
127	3.035	5.091	5.017	5.016	5.020	5.026	5.068	0.00	-0.96	-0.97	0.22	0.22	-0.01	0.00	1.15	12.395
128	3.104	5.102	5.014	5.025	5.029	5.024	5.076	0.00	-1.46	-1.48	0.23	0.24	-0.02	0.00	1.19	12.509
129	3.167	5.112	5.011	5.033	5.038	5.022	5.085	0.00	-1.99	-2.01	0.25	0.25	-0.03	0.00	1.23	12.614
130	2.866	5.053	5.027	4.982	4.986	5.035	5.037	0.00	0.92	0.92	0.16	0.16	0.01	0.00	1.05	12.097
131	3.219	5.123	5.009	5.042	5.047	5.020	5.093	0.00	-2.53	-2.55	0.27	0.27	-0.03	0.00	1.26	12.702
132	2.878	5.046	5.031	4.973	4.977	5.039	5.031	0.00	1.37	1.38	0.15	0.14	0.02	0.00	1.05	12.103
133	3.256	5.132	5.006	5.051	5.056	5.017	5.101	0.00	-3.07	-3.10	0.28	0.29	-0.04	0.00	1.28	12.770
134	2.912	5.039	5.034	4.964	4.968	5.042	5.025	0.00	1.83	1.85	0.14	0.14	0.02	0.00	1.07	12.144
135	2.958	5.033	5.038	4.956	4.960	5.046	5.020	0.00	2.31	2.32	0.13	0.13	0.03	0.00	1.10	12.215
136	3.281	5.141	5.003	5.060	5.065	5.014	5.108	0.00	-3.61	-3.65	0.30	0.30	-0.05	0.00	1.29	12.819
137	3.006	5.026	5.042	4.947	4.951	5.050	5.014	0.00	2.79	2.80	0.12	0.12	0.04	0.00	1.13	12.288
138	3.069	5.013	5.050	4.929	4.933	5.057	5.002	0.00	3.82	3.84	0.12	0.12	0.05	0.00	1.17	12.389
139	3.046	5.020	5.046	4.938	4.942	5.054	5.009	0.00	3.29	3.30	0.11	0.11	0.04	0.00	1.15	12.350
140	2.881	5.069	5.021	4.999	5.003	5.030	5.050	0.00	0.00	0.00	0.17	0.17	0.00	0.00	1.05	12.143
141	2.931	5.079	5.018	5.007	5.011	5.027	5.058	0.00	-0.46	-0.47	0.18	0.18	-0.01	0.00	1.08	12.230
142	2.996	5.089	5.016	5.016	5.020	5.025	5.067	0.00	-0.95	-0.95	0.20	0.20	-0.01	0.00	1.12	12.338
143	2.852	5.060	5.024	4.990	4.994	5.032	5.043	0.00	0.46	0.46	0.15	0.15	0.01	0.00	1.04	12.088
144	3.068	5.100	5.014	5.024	5.029	5.024	5.075	0.00	-1.44	-1.46	0.22	0.22	-0.02	0.00	1.17	12.455
145	3.137	5.111	5.011	5.033	5.038	5.022	5.084	0.00	-1.96	-1.98	0.24	0.24	-0.03	0.00	1.21	12.569
146	3.197	5.121	5.008	5.042	5.047	5.019	5.093	0.00	-2.50	-2.52	0.25	0.26	-0.03	0.00	1.24	12.670
147	2.847	5.052	5.027	4.982	4.986	5.035	5.036	0.00	0.91	0.91	0.14	0.14	0.01	0.00	1.03	12.069
148	3.243	5.131	5.005	5.051	5.056	5.017	5.101	0.00	-3.04	-3.07	0.27	0.27	-0.04	0.00	1.27	12.750
149	2.865	5.045	5.030	4.973	4.977	5.038	5.030	0.00	1.36	1.37	0.13	0.13	0.02	0.00	1.04	12.083
150	3.275	5.141	5.002	5.060	5.065	5.014	5.108	0								

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 119		
PROJE : havuz												(HAVUZ40.ST4)				
ZEMİN GERİLMESİ t/m ²																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
161	2.831	5.059	5.023	4.990	4.994	5.032	5.043	0.00	0.45	0.46	0.14	0.14	0.01	0.00	1.02	12.057
162	3.108	5.109	5.011	5.033	5.038	5.021	5.083	0.00	-1.94	-1.96	0.22	0.22	-0.03	0.00	1.19	12.526
163	3.175	5.120	5.008	5.042	5.047	5.019	5.092	0.00	-2.47	-2.49	0.24	0.24	-0.03	0.00	1.23	12.637
164	3.229	5.130	5.005	5.051	5.056	5.017	5.100	0.00	-3.01	-3.04	0.26	0.26	-0.04	0.00	1.26	12.729
165	2.831	5.051	5.027	4.982	4.986	5.035	5.036	0.00	0.90	0.91	0.13	0.13	0.01	0.00	1.02	12.046
166	3.267	5.140	5.002	5.060	5.065	5.014	5.108	0.00	-3.56	-3.59	0.27	0.28	-0.05	0.00	1.29	12.798
167	2.854	5.044	5.030	4.973	4.977	5.038	5.030	0.00	1.35	1.36	0.12	0.12	0.02	0.00	1.04	12.067
168	3.287	5.146	5.000	5.065	5.070	5.013	5.113	0.00	-3.89	-3.93	0.29	0.29	-0.05	0.00	1.30	12.835
169	2.895	5.038	5.034	4.965	4.968	5.042	5.025	0.00	1.81	1.82	0.11	0.11	0.02	0.00	1.06	12.120
170	2.946	5.032	5.038	4.956	4.960	5.046	5.020	0.00	2.28	2.29	0.10	0.10	0.03	0.00	1.09	12.198
171	3.293	5.149	4.999	5.069	5.074	5.011	5.115	0.00	-4.10	-4.14	0.29	0.29	-0.06	0.00	1.30	12.849
172	2.998	5.026	5.042	4.947	4.951	5.050	5.014	0.00	2.76	2.77	0.09	0.09	0.04	0.00	1.12	12.278
173	3.066	5.013	5.050	4.929	4.933	5.058	5.003	0.00	3.79	3.81	0.10	0.09	0.05	0.00	1.17	12.384
174	3.041	5.020	5.046	4.938	4.942	5.054	5.009	0.00	3.26	3.27	0.08	0.08	0.04	0.00	1.15	12.345
175	2.934	5.086	5.015	5.016	5.020	5.025	5.065	0.00	-0.92	-0.93	0.17	0.17	-0.01	0.00	1.09	12.245
176	2.874	5.076	5.018	5.007	5.011	5.027	5.057	0.00	-0.45	-0.46	0.15	0.15	-0.01	0.00	1.05	12.145
177	2.832	5.067	5.020	4.999	5.002	5.029	5.049	0.00	0.00	0.00	0.14	0.14	0.00	0.00	1.03	12.072
178	3.006	5.097	5.013	5.024	5.028	5.023	5.074	0.00	-1.41	-1.42	0.19	0.19	-0.02	0.00	1.13	12.363
179	3.082	5.108	5.010	5.033	5.037	5.021	5.082	0.00	-1.92	-1.93	0.20	0.21	-0.03	0.00	1.18	12.487
180	2.814	5.058	5.023	4.990	4.994	5.032	5.042	0.00	0.45	0.45	0.13	0.13	0.01	0.00	1.01	12.032
181	3.154	5.119	5.008	5.042	5.046	5.019	5.091	0.00	-2.44	-2.47	0.22	0.23	-0.03	0.00	1.22	12.605
182	3.214	5.129	5.005	5.051	5.055	5.017	5.100	0.00	-2.98	-3.01	0.24	0.24	-0.04	0.00	1.25	12.707
183	3.259	5.139	5.002	5.060	5.065	5.014	5.108	0.00	-3.53	-3.56	0.26	0.26	-0.05	0.00	1.28	12.786
184	2.819	5.051	5.026	4.982	4.986	5.035	5.036	0.00	0.89	0.90	0.12	0.12	0.01	0.00	1.02	12.028
185	3.289	5.149	4.999	5.069	5.074	5.011	5.115	0.00	-4.07	-4.11	0.27	0.28	-0.05	0.00	1.30	12.842
186	2.846	5.044	5.030	4.973	4.977	5.038	5.030	0.00	1.34	1.35	0.11	0.11	0.02	0.00	1.03	12.055
187	2.889	5.038	5.034	4.965	4.968	5.042	5.025	0.00	1.80	1.80	0.10	0.10	0.02	0.00	1.06	12.112
188	2.942	5.032	5.038	4.956	4.960	5.046	5.020	0.00	2.27	2.28	0.09	0.09	0.03	0.00	1.09	12.193
189	2.996	5.026	5.042	4.947	4.951	5.050	5.015	0.00	2.75	2.76	0.08	0.08	0.04	0.00	1.12	12.275
190	3.064	5.013	5.049	4.929	4.933	5.058	5.003	0.00	3.78	3.79	0.08	0.08	0.05	0.00	1.16	12.383
191	3.040	5.020	5.046	4.938	4.942	5.055	5.009	0.00	3.25	3.26	0.07	0.07	0.04	0.00	1.15	12.343
192	2.910	5.085	5.015	5.016	5.019	5.024	5.064	0.00	-0.91	-0.92	0.16	0.16	-0.01	0.00	1.07	12.210
193	2.981	5.096	5.012	5.024	5.028	5.022	5.073	0.00	-1.40	-1.41	0.17	0.17	-0.02	0.00	1.11	12.327
194	2.852	5.075	5.017	5.007	5.011	5.026	5.056	0.00	-0.45	-0.45	0.14	0.14	-0.01	0.00	1.04	12.114
195	2.815	5.066	5.020	4.999	5.002	5.029	5.049	0.00	0.00	0.00	0.13	0.13	0.00	0.00	1.01	12.046
196	3.059	5.107	5.010	5.033	5.037	5.021	5.082	0.00	-1.90	-1.91	0.19	0.19	-0.03	0.00	1.16	12.453
197	3.135	5.118	5.007	5.042	5.046	5.019	5.091	0.00	-2.42	-2.44	0.21	0.21	-0.03	0.00	1.21	12.577
198	2.800	5.058	5.023	4.990	4.994	5.032	5.042	0.00	0.44	0.45	0.12	0.11	0.01	0.00	1.01	12.013
199	3.201	5.129	5.005	5.051	5.055	5.016	5.099	0.00	-2.96	-2.98	0.23	0.23	-0.04	0.00	1.25	12.687
200	3.251	5.139	5.002	5.060	5.064	5.014	5.108	0.00	-3.50	-3.54	0.24	0.25	-0.05	0.00	1.28	12.774
201	3.284	5.148	4.999	5.068	5.073	5.011	5.115	0.00	-4.05	-4.09	0.26	0.26	-0.05	0.00	1.30	12.835
202	2.809	5.050	5.026	4.982	4.986	5.035	5.036	0.00	0.89	0.89	0.10	0.10	0.01	0.00	1.01	12.014
203	2.839	5.044	5.030	4.973	4.977	5.038	5.030	0.00	1.33	1.34	0.10	0.09	0.02	0.00	1.03	12.045
204	2.885	5.038	5.034	4.965	4.968	5.042	5.025	0.00	1.79	1.79	0.09	0.08	0.02	0.00	1.06	12.106
205	2.940	5.032	5.038	4.956	4.960	5.046	5.020	0.00	2.25	2.26	0.08	0.08	0.03	0.00	1.09	12.190
206	2.995	5.026	5.042	4.947	4.951	5.051	5.015	0.00	2.74	2.75	0.07	0.06	0.04	0.00	1.12	12.274
207	3.063	5.013	5.049	4.930	4.934	5.058	5.003	0.00	3.77	3.78	0.07	0.07	0.05	0.00	1.16	12.381
209	3.040	5.020	5.046	4.939	4.943	5.055	5.010	0.00	3.24	3.25	0.05	0.05	0.04	0.00	1.15	12.343
210	2.891	5.084	5.014	5.016	5.019	5.024	5.064	0.00	-0.91	-0.91	0.14	0.14	-0.01	0.00	1.06	12.181
211	2.961	5.095	5.012	5.024	5.028	5.022	5.073	0.00	-1.38	-1.39	0.16	0.16	-0.02	0.00	1.10	12.297
212	3.040	5.106	5.009	5.033	5.037	5.020	5.081	0.00	-1.88	-1.89	0.18	0.18	-0.02	0.00	1.15	12.425
213	2.835	5.074	5.017	5.007	5.011	5.026	5.056	0.00	-0.45	-0.45	0.13	0.13	-0.01	0.00	1.03	12.089
214	2.801	5.065	5.020	4.999	5.002	5.029	5.049	0.00	0.00	0.00	0.11	0.11	0.00	0.00	1.01	12.026
215	3.118	5.117	5.007	5.042	5.046	5.018	5.090	0.00	-2.40	-2.42	0.19	0.20	-0.03	0.00	1.20	12.553
216	3.189	5.128	5.004	5.050	5.055	5.016	5.099	0.00	-2.93	-2.96	0.21	0.21	-0.04	0.00	1.24	12.669
217	2.790	5.057	5.023	4.990	4.994	5.031	5.042	0.00	0.44	0.44	0.10					

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 120

PROJE : havuz

(HAVUZ40.ST4)

ZEMİN GERİLMESİ t/m²

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
245	3.011	5.104	5.009	5.033	5.037	5.020	5.081	0.00	-1.85	-1.86	0.15	0.15	-0.02	0.00	1.13	12.382
246	2.863	5.083	5.014	5.016	5.019	5.024	5.063	0.00	-0.89	-0.90	0.12	0.12	-0.01	0.00	1.04	12.140
247	3.093	5.116	5.006	5.041	5.046	5.018	5.090	0.00	-2.36	-2.37	0.17	0.17	-0.03	0.00	1.18	12.516
248	3.169	5.127	5.004	5.050	5.055	5.016	5.099	0.00	-2.88	-2.91	0.18	0.19	-0.04	0.00	1.23	12.640
249	2.812	5.073	5.016	5.007	5.011	5.026	5.056	0.00	-0.44	-0.44	0.10	0.10	-0.01	0.00	1.01	12.054
250	2.783	5.065	5.019	4.999	5.002	5.029	5.048	0.00	0.00	0.00	0.09	0.09	0.00	0.00	1.00	12.000
251	3.232	5.137	5.001	5.059	5.064	5.014	5.107	0.00	-3.43	-3.45	0.20	0.20	-0.05	0.00	1.27	12.744
252	3.273	5.147	4.998	5.068	5.073	5.011	5.115	0.00	-3.97	-4.01	0.22	0.22	-0.05	0.00	1.29	12.817
253	2.778	5.057	5.022	4.991	4.994	5.032	5.042	0.00	0.43	0.44	0.08	0.08	0.01	0.00	0.99	11.980
255	2.795	5.050	5.026	4.982	4.986	5.035	5.036	0.00	0.87	0.87	0.07	0.07	0.01	0.00	1.00	11.992
256	2.831	5.044	5.030	4.974	4.977	5.039	5.031	0.00	1.31	1.31	0.06	0.06	0.02	0.00	1.02	12.034
257	2.883	5.038	5.034	4.965	4.969	5.043	5.026	0.00	1.76	1.77	0.05	0.05	0.02	0.00	1.06	12.105
258	2.943	5.033	5.038	4.957	4.960	5.047	5.021	0.00	2.23	2.24	0.04	0.04	0.03	0.00	1.09	12.196
259	3.002	5.027	5.042	4.948	4.952	5.052	5.017	0.00	2.72	2.72	0.03	0.03	0.04	0.00	1.13	12.285
260	3.061	5.014	5.049	4.931	4.934	5.059	5.005	0.00	3.75	3.75	0.03	0.03	0.05	0.00	1.16	12.379
261	3.047	5.022	5.046	4.940	4.943	5.056	5.012	0.00	3.22	3.22	0.01	0.01	0.04	0.00	1.15	12.355
262	2.920	5.093	5.011	5.024	5.028	5.022	5.072	0.00	-1.35	-1.36	0.12	0.12	-0.02	0.00	1.08	12.237
263	3.000	5.104	5.009	5.033	5.037	5.020	5.081	0.00	-1.83	-1.84	0.14	0.14	-0.02	0.00	1.13	12.366
264	3.084	5.115	5.006	5.041	5.045	5.018	5.090	0.00	-2.34	-2.35	0.15	0.15	-0.03	0.00	1.18	12.502
265	2.853	5.082	5.014	5.016	5.019	5.024	5.063	0.00	-0.88	-0.89	0.10	0.10	-0.01	0.00	1.04	12.126
266	3.163	5.126	5.004	5.050	5.055	5.016	5.099	0.00	-2.86	-2.88	0.17	0.17	-0.04	0.00	1.22	12.630
267	3.227	5.137	5.001	5.059	5.064	5.014	5.107	0.00	-3.40	-3.43	0.19	0.19	-0.05	0.00	1.26	12.736
268	2.804	5.073	5.016	5.007	5.011	5.026	5.056	0.00	-0.44	-0.44	0.09	0.09	-0.01	0.00	1.01	12.043
269	2.778	5.064	5.019	4.999	5.002	5.029	5.049	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.99	11.992
270	3.269	5.147	4.998	5.068	5.073	5.011	5.115	0.00	-3.95	-3.98	0.20	0.21	-0.05	0.00	1.29	12.812
271	2.775	5.057	5.022	4.991	4.994	5.032	5.042	0.00	0.43	0.43	0.07	0.07	0.01	0.00	0.99	11.975
272	2.794	5.050	5.026	4.982	4.986	5.035	5.036	0.00	0.86	0.87	0.06	0.06	0.01	0.00	1.00	11.991
273	2.832	5.044	5.030	4.974	4.977	5.039	5.031	0.00	1.30	1.31	0.05	0.05	0.02	0.00	1.03	12.036
274	2.886	5.038	5.034	4.966	4.969	5.043	5.026	0.00	1.76	1.76	0.04	0.04	0.02	0.00	1.06	12.109
275	2.948	5.033	5.038	4.957	4.961	5.048	5.022	0.00	2.23	2.23	0.03	0.03	0.02	0.00	1.09	12.203
276	3.009	5.028	5.042	4.948	4.952	5.052	5.017	0.00	2.71	2.72	0.01	0.01	0.03	0.00	1.13	12.295
277	3.060	5.014	5.049	4.931	4.935	5.059	5.005	0.00	3.75	3.75	0.01	0.01	0.05	0.00	1.16	12.379
278	3.055	5.022	5.046	4.940	4.944	5.056	5.012	0.00	3.22	3.22	0.00	0.00	0.04	0.00	1.16	12.368
279	2.911	5.092	5.011	5.024	5.028	5.022	5.072	0.00	-1.34	-1.35	0.11	0.11	-0.02	0.00	1.07	12.224
280	2.991	5.103	5.008	5.033	5.036	5.020	5.081	0.00	-1.82	-1.83	0.12	0.12	-0.02	0.00	1.12	12.353
281	3.077	5.115	5.006	5.041	5.045	5.018	5.090	0.00	-2.32	-2.33	0.14	0.14	-0.03	0.00	1.17	12.491
282	3.158	5.126	5.003	5.050	5.054	5.016	5.099	0.00	-2.84	-2.86	0.16	0.16	-0.04	0.00	1.22	12.622
283	2.846	5.082	5.013	5.016	5.019	5.024	5.063	0.00	-0.88	-0.88	0.09	0.09	-0.01	0.00	1.03	12.115
284	3.223	5.137	5.001	5.059	5.063	5.014	5.107	0.00	-3.38	-3.40	0.17	0.18	-0.04	0.00	1.26	12.730
285	3.266	5.146	4.998	5.068	5.072	5.012	5.115	0.00	-3.93	-3.95	0.19	0.19	-0.05	0.00	1.29	12.806
286	2.799	5.073	5.016	5.007	5.011	5.026	5.056	0.00	-0.43	-0.44	0.08	0.08	-0.01	0.00	1.01	12.035
287	2.775	5.064	5.019	4.999	5.002	5.029	5.049	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.99	11.988
288	2.774	5.057	5.022	4.991	4.994	5.032	5.042	0.00	0.43	0.43	0.06	0.06	0.01	0.00	0.99	11.974
289	2.795	5.050	5.026	4.983	4.986	5.035	5.037	0.00	0.86	0.86	0.05	0.05	0.01	0.00	1.00	11.993
290	2.835	5.044	5.030	4.974	4.977	5.039	5.032	0.00	1.30	1.30	0.04	0.03	0.02	0.00	1.03	12.039
291	2.890	5.039	5.034	4.966	4.969	5.043	5.027	0.00	1.75	1.75	0.02	0.02	0.02	0.00	1.06	12.115
292	2.953	5.034	5.038	4.957	4.961	5.048	5.023	0.00	2.22	2.22	0.01	0.01	0.03	0.00	1.10	12.211
293	3.014	5.029	5.042	4.949	4.952	5.052	5.018	0.00	2.71	2.71	0.00	0.00	0.03	0.00	1.13	12.304
294	3.060	5.015	5.049	4.931	4.935	5.059	5.006	0.00	3.75	3.75	0.00	0.00	0.05	0.00	1.16	12.379
295	3.047	5.022	5.046	4.940	4.944	5.056	5.013	0.00	3.23	3.22	-0.01	-0.01	0.04	0.00	1.15	12.356
297	2.905	5.092	5.011	5.024	5.028	5.022	5.072	0.00	-1.33	-1.34	0.09	0.09	-0.02	0.00	1.07	12.214
298	2.983	5.103	5.008	5.033	5.036	5.020	5.081	0.00	-1.81	-1.82	0.11	0.11	-0.02	0.00	1.12	12.341
299	3.069	5.114	5.006	5.041	5.045	5.018	5.090	0.00	-2.30	-2.32	0.13	0.13	-0.03	0.00	1.17	12.480
300	3.153	5.126	5.003	5.050	5.054	5.016	5.099	0.00	-2.82	-2.84	0.14	0.15	-0.04	0.00	1.22	12.616
301	3.220	5.136	5.001	5.059	5.063	5.014	5.107	0.00	-3.36	-3.38	0.16	0.16	-0.04	0.00	1.26	12.726
302	2.841	5.082	5.013	5.016	5.019	5.024	5.063	0.00	-0.87	-0.88	0.08	0.08	-0.01	0.00	1.03	12.108
303	3.263	5.146	4.998	5.068	5.072	5.012	5.115	0.00	-3.90	-3.93	0.17	0.18	-0.05	0.00	1.28	12.801
304	2.796	5.073	5.016	5.007	5.011	5.026	5.056	0.00	-0.43	-0.43	0.07	0.07	-0.01	0.00	1.00	12.031
305	2.774	5.064	5.019	4.999	5.002	5.029	5.049	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.99	11.986
306	2.774	5.057	5.022	4.991	4.994	5.032	5.043	0.00	0.43	0.43	0.04	0.04	0.01	0.00	0.99	11.975
307	2.796	5.050	5.026	4.983	4.986	5.036	5.037	0.00	0.86	0.86	0.03	0.03	0.01	0.00	1.00	11.996
308	2.838	5.045	5.030	4.974	4.978	5.039	5.032	0.00	1.30	1.30	0.02	0.02	0.02	0.00	1.03	12.044
309	2.893	5.039	5.034	4.966	4.969	5.044	5.028	0.00	1.75	1.75	0.01	0.01	0.02	0.00	1.06	12.121
310	2.956	5.034	5.038	4.958	4.961	5.048	5.023	0.00	2.22	2.22	0.00	0.00	0.03	0.00	1.10	12.215
311	3.009	5.029	5.042	4.949	4.953	5.053	5.018	0.00	2.72	2.71	-0.01	-0.01	0.03	0.00	1.13	12.296
312	3.060	5.015	5.049	4.932	4.936	5.060	5.007	0.00	3.75	3.75	-0.01	-0.01	0.05	0.00	1.16	12.380
313	3.042	5.023	5.046	4.941	4.945	5.057	5.013	0.00	3.23	3.23	-0.03	-0.03	0.04	0.00	1.15	12.350
314	2.900	5.092	5.011	5.024	5.028	5.022	5.072	0.00	-1.32	-1.33	0.08	0.08	-0.02	0.00	1.07	12.207
315	2.977	5.103	5.008	5.033	5.036	5.020	5.081	0.00	-1.79	-1.80	0.10	0.10	-0.02	0.00	1.11	12.332
316	3.062	5.114	5.006	5.041	5.045	5.018	5.090	0.00	-2.29	-2.30	0.11	0.11	-0.03	0.00	1.16	12.469
317	3.147	5.125	5.003	5.050	5.054	5.016	5.099	0.00	-2.80	-2.82	0.13	0.13	-0.04	0.00	1.21	12.606
318	3.219	5.136	5.001	5.059	5.063	5.014	5.108	0.00	-3.34	-3.36	0.15	0.15	-0.04	0.00	1.26	12.724
319	3.260	5.146	4.998	5.068	5.072											

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 121		
PROJE : havuz												(HAVUZ40.ST4)				
ZEMİN GERİLMESİ t/m ²																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
330	3.040	5.023	5.046	4.941	4.945	5.057	5.014	0.00	3.24	3.23	-0.04	-0.04	0.04	0.00	1.15	12.347
331	2.973	5.102	5.008	5.033	5.036	5.020	5.081	0.00	-1.79	-1.79	0.08	0.09	-0.02	0.00	1.11	12.326
332	2.898	5.092	5.011	5.024	5.028	5.022	5.072	0.00	-1.31	-1.32	0.07	0.07	-0.02	0.00	1.06	12.203
333	3.057	5.114	5.006	5.041	5.045	5.018	5.090	0.00	-2.28	-2.29	0.10	0.10	-0.03	0.00	1.16	12.461
334	3.141	5.125	5.003	5.050	5.054	5.016	5.099	0.00	-2.79	-2.80	0.12	0.12	-0.04	0.00	1.21	12.597
335	3.213	5.136	5.000	5.059	5.063	5.014	5.108	0.00	-3.32	-3.34	0.13	0.14	-0.04	0.00	1.25	12.715
336	3.246	5.142	4.999	5.064	5.068	5.013	5.112	0.00	-3.64	-3.67	0.15	0.15	-0.05	0.00	1.27	12.772
337	3.257	5.145	4.997	5.068	5.072	5.012	5.115	0.00	-3.86	-3.88	0.15	0.15	-0.05	0.00	1.28	12.792
338	2.837	5.082	5.013	5.016	5.019	5.024	5.064	0.00	-0.86	-0.87	0.06	0.06	-0.01	0.00	1.03	12.103
339	2.796	5.073	5.016	5.008	5.011	5.027	5.056	0.00	-0.43	-0.43	0.04	0.04	-0.01	0.00	1.00	12.031
340	2.776	5.065	5.019	4.999	5.003	5.029	5.050	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.99	11.989
341	2.777	5.057	5.022	4.991	4.994	5.032	5.044	0.00	0.42	0.43	0.02	0.02	0.01	0.00	0.99	11.980
342	2.800	5.051	5.026	4.983	4.986	5.036	5.038	0.00	0.85	0.85	0.01	0.01	0.01	0.00	1.01	12.002
343	2.841	5.045	5.030	4.975	4.978	5.040	5.033	0.00	1.29	1.29	0.00	0.00	0.02	0.00	1.03	12.050
344	2.893	5.040	5.034	4.967	4.970	5.044	5.029	0.00	1.75	1.75	-0.01	-0.01	0.02	0.00	1.06	12.122
345	2.948	5.035	5.038	4.958	4.962	5.049	5.024	0.00	2.23	2.23	-0.03	-0.02	0.03	0.00	1.09	12.205
346	2.998	5.029	5.042	4.950	4.954	5.053	5.020	0.00	2.73	2.72	-0.04	-0.04	0.04	0.00	1.12	12.281
347	3.061	5.016	5.050	4.933	4.936	5.060	5.008	0.00	3.76	3.75	-0.04	-0.04	0.05	0.00	1.16	12.383
348	3.040	5.024	5.046	4.942	4.945	5.057	5.015	0.00	3.25	3.24	-0.05	-0.05	0.04	0.00	1.15	12.347
349	2.971	5.102	5.008	5.033	5.036	5.020	5.081	0.00	-1.78	-1.78	0.07	0.07	-0.02	0.00	1.11	12.322
350	3.053	5.113	5.005	5.041	5.045	5.018	5.090	0.00	-2.26	-2.27	0.09	0.09	-0.03	0.00	1.16	12.456
351	2.897	5.092	5.011	5.024	5.028	5.022	5.072	0.00	-1.31	-1.31	0.06	0.06	-0.02	0.00	1.06	12.202
352	3.136	5.124	5.003	5.050	5.054	5.016	5.099	0.00	-2.77	-2.79	0.10	0.11	-0.04	0.00	1.21	12.589
353	3.208	5.135	5.000	5.059	5.063	5.014	5.108	0.00	-3.30	-3.32	0.12	0.12	-0.04	0.00	1.25	12.707
354	3.254	5.145	4.997	5.068	5.072	5.012	5.115	0.00	-3.84	-3.86	0.13	0.14	-0.05	0.00	1.28	12.788
355	3.257	5.145	4.997	5.068	5.072	5.012	5.115	0.00	-3.86	-3.88	0.15	0.15	-0.05	0.00	1.28	12.791
356	2.838	5.082	5.013	5.016	5.019	5.024	5.064	0.00	-0.86	-0.86	0.05	0.05	-0.01	0.00	1.03	12.104
357	2.797	5.073	5.016	5.008	5.011	5.027	5.057	0.00	-0.43	-0.43	0.03	0.03	-0.01	0.00	1.00	12.033
358	2.777	5.065	5.019	5.000	5.003	5.030	5.050	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.99	11.992
359	2.779	5.058	5.022	4.991	4.995	5.033	5.044	0.00	0.42	0.42	0.01	0.01	0.01	0.00	0.99	11.983
360	2.801	5.051	5.026	4.983	4.986	5.036	5.039	0.00	0.85	0.85	0.00	0.00	0.01	0.00	1.01	12.004
361	2.840	5.046	5.030	4.975	4.978	5.040	5.034	0.00	1.30	1.29	-0.01	-0.01	0.02	0.00	1.03	12.049
362	2.890	5.040	5.034	4.967	4.970	5.045	5.029	0.00	1.75	1.75	-0.02	-0.02	0.02	0.00	1.06	12.117
363	2.943	5.035	5.038	4.959	4.962	5.049	5.025	0.00	2.23	2.23	-0.04	-0.04	0.03	0.00	1.09	12.199
364	2.995	5.030	5.042	4.951	4.954	5.053	5.020	0.00	2.74	2.73	-0.05	-0.05	0.04	0.00	1.12	12.279
365	3.062	5.017	5.050	4.933	4.937	5.061	5.009	0.00	3.77	3.76	-0.05	-0.05	0.05	0.00	1.16	12.384
366	3.040	5.024	5.046	4.943	4.946	5.058	5.016	0.00	3.26	3.25	-0.07	-0.07	0.04	0.00	1.15	12.349
367	3.051	5.113	5.005	5.041	5.045	5.019	5.090	0.00	-2.25	-2.26	0.07	0.08	-0.03	0.00	1.16	12.452
368	2.970	5.102	5.008	5.033	5.036	5.020	5.081	0.00	-1.77	-1.77	0.06	0.06	-0.02	0.00	1.11	12.322
369	3.132	5.124	5.003	5.050	5.054	5.017	5.099	0.00	-2.76	-2.77	0.09	0.09	-0.04	0.00	1.21	12.584
370	2.898	5.092	5.010	5.024	5.028	5.022	5.073	0.00	-1.30	-1.31	0.05	0.05	-0.02	0.00	1.06	12.204
371	3.204	5.135	5.000	5.059	5.063	5.014	5.108	0.00	-3.29	-3.30	0.11	0.11	-0.04	0.00	1.25	12.702
372	3.252	5.145	4.997	5.068	5.072	5.012	5.116	0.00	-3.82	-3.84	0.12	0.12	-0.05	0.00	1.28	12.784
373	2.840	5.082	5.013	5.016	5.019	5.025	5.065	0.00	-0.86	-0.86	0.03	0.03	-0.01	0.00	1.03	12.107
374	2.799	5.073	5.016	5.008	5.011	5.027	5.057	0.00	-0.43	-0.43	0.02	0.02	-0.01	0.00	1.01	12.036
375	2.779	5.065	5.019	5.000	5.003	5.030	5.050	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.99	11.994
376	2.779	5.058	5.022	4.992	4.995	5.033	5.044	0.00	0.42	0.42	0.00	0.00	0.01	0.00	0.99	11.984
377	2.800	5.052	5.026	4.984	4.987	5.037	5.039	0.00	0.85	0.85	-0.01	-0.01	0.01	0.00	1.01	12.003
378	2.838	5.046	5.030	4.976	4.979	5.041	5.034	0.00	1.30	1.30	-0.02	-0.02	0.02	0.00	1.03	12.046
379	2.886	5.041	5.034	4.968	4.971	5.045	5.030	0.00	1.76	1.76	-0.04	-0.04	0.02	0.00	1.06	12.112
380	2.940	5.035	5.038	4.959	4.963	5.049	5.025	0.00	2.24	2.24	-0.05	-0.05	0.03	0.00	1.09	12.195
381	2.995	5.030	5.042	4.951	4.955	5.054	5.021	0.00	2.75	2.74	-0.07	-0.06	0.04	0.00	1.12	12.279
382	3.063	5.018	5.050	4.934	4.937	5.061	5.010	0.00	3.78	3.77	-0.07	-0.07	0.05	0.00	1.16	12.387
383	3.041	5.025	5.046	4.943	4.946	5.058	5.016	0.00	3.27	3.26	-0.08	-0.08	0.04	0.00	1.15	12.351
384	3.050	5.113	5.005	5.041	5.045	5.019	5.090	0.00	-2.25	-2.25	0.06	0.06	-0.03	0.00	1.16	12.451
385	3.130	5.124	5.003	5.050	5.054	5.017	5.099	0.00	-2.75	-2.76	0.08	0.08	-0.04	0.00	1.20	12.581
3																

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 122		
PROJE : havuz												(HAVUZ40.ST4)				
ZEMİN GERİLMESİ t/m²																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
414	2.882	5.041	5.034	4.968	4.971	5.045	5.031	0.00	1.77	1.77	-0.06	-0.06	0.02	0.00	1.06	12.108
415	2.940	5.037	5.038	4.960	4.964	5.050	5.027	0.00	2.26	2.25	-0.08	-0.08	0.03	0.00	1.09	12.196
416	2.998	5.032	5.042	4.952	4.956	5.055	5.023	0.00	2.77	2.76	-0.09	-0.09	0.04	0.00	1.12	12.285
417	3.066	5.019	5.050	4.935	4.938	5.062	5.011	0.00	3.81	3.79	-0.10	-0.09	0.05	0.00	1.17	12.392
418	3.046	5.027	5.046	4.944	4.947	5.059	5.018	0.00	3.30	3.29	-0.11	-0.11	0.04	0.00	1.15	12.359
419	3.198	5.135	5.000	5.059	5.063	5.015	5.108	0.00	-3.25	-3.26	0.07	0.07	-0.04	0.00	1.24	12.693
420	3.130	5.124	5.003	5.050	5.054	5.017	5.100	0.00	-2.73	-2.74	0.05	0.05	-0.04	0.00	1.20	12.580
421	3.054	5.113	5.005	5.042	5.045	5.019	5.091	0.00	-2.23	-2.24	0.04	0.04	-0.03	0.00	1.16	12.457
422	3.246	5.144	4.997	5.068	5.071	5.012	5.116	0.00	-3.78	-3.79	0.08	0.08	-0.05	0.00	1.27	12.775
423	2.978	5.103	5.008	5.033	5.037	5.021	5.082	0.00	-1.75	-1.75	0.02	0.02	-0.02	0.00	1.11	12.334
424	2.906	5.093	5.011	5.025	5.028	5.023	5.074	0.00	-1.29	-1.30	0.01	0.01	-0.02	0.00	1.07	12.216
425	2.845	5.083	5.013	5.017	5.020	5.025	5.066	0.00	-0.85	-0.85	0.00	0.00	-0.01	0.00	1.03	12.115
426	2.801	5.074	5.016	5.009	5.011	5.028	5.058	0.00	-0.42	-0.42	-0.01	-0.01	-0.01	0.00	1.01	12.039
427	2.777	5.066	5.019	5.001	5.003	5.031	5.052	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00	0.99	11.994
428	2.776	5.059	5.022	4.993	4.995	5.034	5.046	0.00	0.43	0.43	-0.03	-0.03	0.01	0.00	0.99	11.980
429	2.795	5.052	5.026	4.985	4.988	5.037	5.041	0.00	0.86	0.86	-0.05	-0.05	0.01	0.00	1.00	11.997
430	2.832	5.047	5.030	4.977	4.980	5.041	5.036	0.00	1.31	1.31	-0.06	-0.06	0.02	0.00	1.02	12.039
431	2.883	5.042	5.034	4.969	4.972	5.046	5.032	0.00	1.78	1.78	-0.07	-0.07	0.02	0.00	1.06	12.109
432	2.942	5.037	5.038	4.961	4.964	5.050	5.028	0.00	2.27	2.26	-0.09	-0.09	0.03	0.00	1.09	12.199
433	3.001	5.033	5.043	4.953	4.956	5.055	5.024	0.00	2.79	2.77	-0.11	-0.10	0.04	0.00	1.13	12.290
434	3.068	5.020	5.050	4.936	4.939	5.063	5.012	0.00	3.82	3.81	-0.11	-0.11	0.05	0.00	1.17	12.395
435	3.049	5.027	5.047	4.945	4.948	5.060	5.019	0.00	3.32	3.30	-0.12	-0.12	0.04	0.00	1.16	12.364
436	3.245	5.144	4.997	5.068	5.071	5.013	5.116	0.00	-3.77	-3.78	0.07	0.07	-0.05	0.00	1.27	12.773
437	3.198	5.135	5.000	5.059	5.063	5.015	5.109	0.00	-3.24	-3.25	0.05	0.05	-0.04	0.00	1.24	12.692
438	3.132	5.124	5.003	5.050	5.054	5.017	5.100	0.00	-2.72	-2.73	0.04	0.04	-0.04	0.00	1.20	12.584
439	3.059	5.114	5.005	5.042	5.045	5.019	5.092	0.00	-2.23	-2.23	0.02	0.03	-0.03	0.00	1.16	12.464
441	2.981	5.103	5.008	5.033	5.037	5.021	5.083	0.00	-1.75	-1.75	0.01	0.01	-0.02	0.00	1.11	12.339
442	2.907	5.093	5.011	5.025	5.028	5.023	5.074	0.00	-1.29	-1.29	0.00	0.00	-0.02	0.00	1.07	12.218
443	2.844	5.083	5.013	5.017	5.020	5.026	5.066	0.00	-0.86	-0.85	-0.01	-0.01	-0.01	0.00	1.03	12.114
444	2.799	5.074	5.016	5.009	5.012	5.028	5.059	0.00	-0.43	-0.43	-0.02	-0.02	-0.01	0.00	1.01	12.037
445	2.776	5.066	5.019	5.001	5.004	5.031	5.052	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	0.99	11.992
446	2.774	5.059	5.023	4.993	4.996	5.034	5.046	0.00	0.43	0.43	-0.04	-0.04	0.01	0.00	0.99	11.979
447	2.794	5.053	5.026	4.985	4.988	5.038	5.041	0.00	0.87	0.86	-0.06	-0.06	0.01	0.00	1.00	11.996
448	2.832	5.048	5.030	4.977	4.980	5.042	5.037	0.00	1.32	1.31	-0.07	-0.07	0.02	0.00	1.03	12.041
449	2.885	5.043	5.034	4.969	4.972	5.046	5.032	0.00	1.79	1.78	-0.09	-0.08	0.02	0.00	1.06	12.113
450	2.946	5.038	5.038	4.961	4.964	5.051	5.028	0.00	2.29	2.28	-0.10	-0.10	0.03	0.00	1.09	12.205
451	3.006	5.033	5.043	4.953	4.957	5.056	5.025	0.00	2.80	2.79	-0.12	-0.12	0.04	0.00	1.13	12.297
452	3.070	5.021	5.050	4.936	4.940	5.063	5.013	0.00	3.84	3.82	-0.12	-0.12	0.05	0.00	1.17	12.399
453	3.054	5.028	5.047	4.945	4.949	5.060	5.020	0.00	3.34	3.32	-0.14	-0.13	0.04	0.00	1.16	12.372
454	3.244	5.144	4.997	5.068	5.071	5.013	5.117	0.00	-3.76	-3.77	0.05	0.05	-0.05	0.00	1.27	12.772
455	3.198	5.135	5.000	5.059	5.063	5.015	5.109	0.00	-3.23	-3.24	0.04	0.04	-0.04	0.00	1.24	12.693
456	3.136	5.125	5.003	5.051	5.054	5.018	5.101	0.00	-2.72	-2.72	0.03	0.03	-0.04	0.00	1.21	12.590
457	3.064	5.114	5.005	5.042	5.045	5.020	5.092	0.00	-2.22	-2.22	0.01	0.01	-0.03	0.00	1.16	12.472
458	2.983	5.103	5.008	5.034	5.037	5.022	5.083	0.00	-1.75	-1.75	0.00	0.00	-0.02	0.00	1.12	12.342
459	2.906	5.093	5.011	5.025	5.028	5.024	5.075	0.00	-1.30	-1.30	-0.01	-0.01	-0.02	0.00	1.07	12.217
460	2.842	5.083	5.013	5.017	5.020	5.026	5.067	0.00	-0.86	-0.86	-0.02	-0.02	-0.01	0.00	1.03	12.112
461	2.797	5.074	5.016	5.009	5.012	5.028	5.059	0.00	-0.43	-0.43	-0.03	-0.03	-0.01	0.00	1.00	12.035
462	2.774	5.066	5.019	5.001	5.004	5.031	5.053	0.00	0.00	0.00	-0.04	-0.04	0.00	0.00	0.99	11.990
463	2.774	5.059	5.023	4.993	4.996	5.034	5.047	0.00	0.43	0.43	-0.06	-0.06	0.01	0.00	0.99	11.979
464	2.795	5.053	5.026	4.986	4.988	5.038	5.042	0.00	0.87	0.87	-0.07	-0.07	0.01	0.00	1.00	11.998
465	2.835	5.048	5.030	4.978	4.981	5.042	5.037	0.00	1.33	1.32	-0.08	-0.08	0.02	0.00	1.03	12.046
466	2.889	5.043	5.034	4.970	4.973	5.047	5.033	0.00	1.80	1.79	-0.10	-0.10	0.02	0.00	1.06	12.119
467	2.951	5.039	5.039	4.962	4.965	5.051	5.029	0.00	2.30	2.29	-0.12	-0.11	0.03	0.00	1.10	12.214
468	3.012	5.034	5.043	4.954	4.957	5.056	5.026	0.00	2.82	2.80	-0.13	-0.13	0.04	0.00	1.13	12.307
469	3.072	5.021	5.051	4.937	4.940	5.064	5.014	0.00	3.86	3.84	-0.14	-0.13	0.05	0.00	1.17	12.403
470	3.060	5.029	5.047	4.946	4.949	5.061	5.021	0.00	3.36	3.34	-0.15	-0.15	0.04	0.00		

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 123		
PROJE : havuz												(HAVUZ40.ST4)				
ZEMİN GERİLMESİ t/m²																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
498	2.796	5.075	5.016	5.010	5.012	5.029	5.060	0.00	-0.43	-0.43	-0.06	-0.06	-0.01	0.00	1.00	12.034
499	2.775	5.067	5.020	5.002	5.005	5.032	5.054	0.00	0.00	0.00	-0.07	-0.07	0.00	0.00	0.99	11.993
500	2.778	5.061	5.023	4.994	4.997	5.035	5.048	0.00	0.43	0.43	-0.08	-0.08	0.01	0.00	0.99	11.986
501	2.802	5.055	5.027	4.986	4.989	5.039	5.043	0.00	0.88	0.88	-0.09	-0.09	0.01	0.00	1.01	12.011
502	2.846	5.050	5.031	4.979	4.982	5.043	5.039	0.00	1.34	1.34	-0.11	-0.11	0.02	0.00	1.03	12.064
503	2.903	5.045	5.035	4.971	4.974	5.048	5.035	0.00	1.83	1.82	-0.12	-0.12	0.02	0.00	1.07	12.140
504	2.965	5.041	5.039	4.963	4.966	5.053	5.032	0.00	2.33	2.32	-0.14	-0.14	0.03	0.00	1.10	12.236
505	3.022	5.036	5.043	4.955	4.958	5.057	5.028	0.00	2.86	2.84	-0.16	-0.16	0.04	0.00	1.14	12.323
506	3.063	5.031	5.048	4.947	4.950	5.062	5.023	0.00	3.40	3.38	-0.18	-0.17	0.04	0.00	1.16	12.388
507	3.080	5.024	5.051	4.939	4.942	5.065	5.017	0.00	3.93	3.90	-0.18	-0.18	0.05	0.00	1.17	12.416
508	3.242	5.144	4.997	5.068	5.072	5.013	5.118	0.00	-3.75	-3.75	0.01	0.01	-0.05	0.00	1.27	12.769
509	3.214	5.136	5.000	5.060	5.063	5.016	5.111	0.00	-3.22	-3.22	0.00	0.00	-0.04	0.00	1.25	12.717
510	3.143	5.125	5.003	5.051	5.054	5.019	5.102	0.00	-2.72	-2.72	-0.01	-0.01	-0.03	0.00	1.21	12.601
511	3.059	5.115	5.006	5.043	5.046	5.021	5.093	0.00	-2.23	-2.23	-0.02	-0.03	-0.03	0.00	1.16	12.466
512	2.974	5.104	5.008	5.034	5.037	5.022	5.084	0.00	-1.76	-1.76	-0.04	-0.04	-0.02	0.00	1.11	12.330
513	2.898	5.093	5.011	5.026	5.029	5.024	5.076	0.00	-1.31	-1.30	-0.05	-0.05	-0.02	0.00	1.06	12.207
514	2.837	5.084	5.014	5.018	5.021	5.027	5.068	0.00	-0.87	-0.86	-0.06	-0.06	-0.01	0.00	1.03	12.107
515	2.797	5.075	5.017	5.010	5.013	5.029	5.061	0.00	-0.43	-0.43	-0.07	-0.07	-0.01	0.00	1.00	12.036
516	2.778	5.068	5.020	5.002	5.005	5.032	5.055	0.00	0.00	0.00	-0.08	-0.08	0.00	0.00	0.99	11.998
517	2.783	5.061	5.023	4.995	4.997	5.036	5.049	0.00	0.44	0.44	-0.09	-0.09	0.01	0.00	1.00	11.994
518	2.810	5.056	5.027	4.987	4.990	5.039	5.044	0.00	0.89	0.88	-0.10	-0.10	0.01	0.00	1.01	12.022
519	2.855	5.051	5.031	4.979	4.982	5.044	5.040	0.00	1.36	1.35	-0.12	-0.12	0.02	0.00	1.04	12.077
520	2.912	5.046	5.035	4.972	4.974	5.048	5.036	0.00	1.84	1.83	-0.14	-0.14	0.02	0.00	1.07	12.154
521	2.973	5.042	5.039	4.964	4.967	5.053	5.033	0.00	2.35	2.34	-0.15	-0.15	0.03	0.00	1.11	12.247
522	3.027	5.037	5.044	4.956	4.959	5.058	5.029	0.00	2.88	2.86	-0.17	-0.17	0.04	0.00	1.14	12.331
523	3.067	5.032	5.048	4.948	4.951	5.062	5.024	0.00	3.43	3.40	-0.19	-0.19	0.05	0.00	1.17	12.394
524	3.083	5.025	5.051	4.940	4.943	5.066	5.018	0.00	3.95	3.92	-0.19	-0.19	0.05	0.00	1.18	12.421
525	3.242	5.144	4.997	5.068	5.072	5.014	5.118	0.00	-3.75	-3.75	0.00	0.00	-0.05	0.00	1.27	12.769
526	3.205	5.136	5.000	5.060	5.063	5.017	5.111	0.00	-3.23	-3.23	-0.01	-0.01	-0.04	0.00	1.25	12.704
528	3.136	5.125	5.003	5.051	5.055	5.019	5.102	0.00	-2.72	-2.72	-0.03	-0.03	-0.04	0.00	1.21	12.592
529	3.054	5.115	5.006	5.043	5.046	5.021	5.094	0.00	-2.24	-2.23	-0.04	-0.04	-0.03	0.00	1.16	12.459
530	2.971	5.104	5.008	5.034	5.037	5.023	5.085	0.00	-1.77	-1.76	-0.05	-0.05	-0.02	0.00	1.11	12.326
531	2.897	5.094	5.011	5.026	5.029	5.025	5.076	0.00	-1.31	-1.31	-0.06	-0.06	-0.02	0.00	1.06	12.206
532	2.838	5.084	5.014	5.018	5.021	5.027	5.069	0.00	-0.87	-0.87	-0.07	-0.07	-0.01	0.00	1.03	12.109
533	2.800	5.076	5.017	5.010	5.013	5.030	5.062	0.00	-0.44	-0.43	-0.08	-0.08	-0.01	0.00	1.01	12.041
534	2.783	5.068	5.020	5.003	5.005	5.033	5.055	0.00	0.00	0.00	-0.09	-0.09	0.00	0.00	1.00	12.006
535	2.790	5.062	5.023	4.995	4.998	5.036	5.050	0.00	0.44	0.44	-0.10	-0.10	0.01	0.00	1.00	12.006
536	2.819	5.057	5.027	4.987	4.990	5.040	5.045	0.00	0.90	0.89	-0.12	-0.12	0.01	0.00	1.02	12.037
537	2.865	5.052	5.031	4.980	4.983	5.044	5.041	0.00	1.37	1.36	-0.13	-0.13	0.02	0.00	1.04	12.094
538	2.922	5.047	5.035	4.972	4.975	5.049	5.038	0.00	1.86	1.85	-0.15	-0.15	0.02	0.00	1.08	12.170
539	2.981	5.043	5.040	4.964	4.967	5.054	5.034	0.00	2.37	2.35	-0.17	-0.17	0.03	0.00	1.11	12.260
540	3.034	5.038	5.044	4.957	4.960	5.059	5.030	0.00	2.90	2.88	-0.19	-0.18	0.04	0.00	1.15	12.341
541	3.072	5.033	5.048	4.949	4.952	5.063	5.026	0.00	3.45	3.42	-0.20	-0.20	0.05	0.00	1.17	12.402
542	3.086	5.026	5.052	4.940	4.943	5.066	5.019	0.00	3.98	3.95	-0.21	-0.20	0.05	0.00	1.18	12.427
543	3.242	5.145	4.997	5.068	5.072	5.014	5.118	0.00	-3.75	-3.75	-0.01	-0.01	-0.05	0.00	1.27	12.770
544	3.200	5.136	5.000	5.060	5.063	5.017	5.111	0.00	-3.23	-3.23	-0.03	-0.03	-0.04	0.00	1.25	12.697
545	3.132	5.125	5.003	5.051	5.055	5.019	5.103	0.00	-2.73	-2.72	-0.04	-0.04	-0.04	0.00	1.21	12.585
546	3.051	5.115	5.006	5.043	5.046	5.021	5.094	0.00	-2.24	-2.24	-0.05	-0.05	-0.03	0.00	1.16	12.455
547	2.970	5.104	5.008	5.035	5.038	5.023	5.085	0.00	-1.78	-1.77	-0.06	-0.06	-0.02	0.00	1.11	12.325
548	2.898	5.094	5.011	5.026	5.029	5.025	5.077	0.00	-1.32	-1.32	-0.07	-0.07	-0.02	0.00	1.06	12.208
549	2.841	5.085	5.014	5.018	5.021	5.027	5.069	0.00	-0.88	-0.87	-0.08	-0.08	-0.01	0.00	1.03	12.113
550	2.805	5.077	5.017	5.011	5.013	5.030	5.062	0.00	-0.44	-0.44	-0.09	-0.09	-0.01	0.00	1.01	12.049
551	2.791	5.069	5.020	5.003	5.006	5.033	5.056	0.00	0.00	0.00	-0.10	-0.10	0.00	0.00	1.00	12.018
552	2.801	5.063	5.024	4.995	4.998	5.037	5.051	0.00	0.44	0.44	-0.12	-0.11	0.01	0.00	1.01	12.022
553	2.832	5.058	5.027	4.988	4.991	5.041	5.047	0.00	0.90	0.90	-0.13	-0.13	0.01	0.00	1.02	12.056
554	2.879	5.053	5.032	4.980	4.983	5.045	5.043	0.00	1.38	1.37	-0.15	-0.14	0.02	0.00	1.	

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 124		
PROJE : havuz												(HAVUZ40.ST4)				
ZEMİN GERİLMESİ t/m ²																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
583	2.905	5.095	5.011	5.027	5.030	5.026	5.078	0.00	-1.34	-1.33	-0.09	-0.10	-0.02	0.00	1.07	12.219
584	2.853	5.086	5.014	5.019	5.022	5.028	5.071	0.00	-0.89	-0.89	-0.10	-0.10	-0.01	0.00	1.04	12.133
585	2.822	5.078	5.017	5.012	5.014	5.031	5.064	0.00	-0.45	-0.44	-0.11	-0.12	-0.01	0.00	1.02	12.077
586	2.815	5.071	5.021	5.004	5.007	5.034	5.058	0.00	0.00	0.00	-0.13	-0.13	0.00	0.00	1.01	12.055
587	2.831	5.065	5.024	4.996	4.999	5.038	5.054	0.00	0.45	0.45	-0.14	-0.14	0.01	0.00	1.02	12.068
588	2.866	5.060	5.028	4.989	4.992	5.042	5.049	0.00	0.92	0.91	-0.16	-0.16	0.01	0.00	1.05	12.110
589	2.915	5.056	5.032	4.981	4.984	5.047	5.045	0.00	1.41	1.39	-0.17	-0.17	0.02	0.00	1.07	12.171
590	2.970	5.052	5.037	4.974	4.977	5.051	5.042	0.00	1.91	1.90	-0.19	-0.19	0.03	0.00	1.11	12.240
591	3.022	5.047	5.041	4.966	4.969	5.056	5.038	0.00	2.44	2.42	-0.21	-0.21	0.03	0.00	1.14	12.321
592	3.064	5.042	5.045	4.958	4.961	5.061	5.034	0.00	2.98	2.96	-0.23	-0.23	0.04	0.00	1.16	12.387
593	3.091	5.036	5.049	4.951	4.954	5.065	5.029	0.00	3.53	3.50	-0.25	-0.24	0.05	0.00	1.18	12.431
594	3.096	5.029	5.053	4.942	4.945	5.068	5.023	0.00	4.06	4.02	-0.25	-0.25	0.05	0.00	1.18	12.444
595	3.244	5.145	4.997	5.069	5.072	5.015	5.120	0.00	-3.77	-3.76	-0.05	-0.05	-0.05	0.00	1.27	12.774
596	3.198	5.136	5.000	5.060	5.064	5.018	5.112	0.00	-3.26	-3.25	-0.07	-0.07	-0.04	0.00	1.24	12.696
597	3.131	5.126	5.003	5.052	5.055	5.020	5.104	0.00	-2.76	-2.75	-0.08	-0.08	-0.04	0.00	1.20	12.585
598	3.053	5.116	5.006	5.044	5.047	5.022	5.096	0.00	-2.28	-2.27	-0.09	-0.09	-0.03	0.00	1.16	12.460
599	2.978	5.106	5.009	5.036	5.038	5.024	5.087	0.00	-1.81	-1.80	-0.10	-0.10	-0.02	0.00	1.11	12.338
600	2.912	5.096	5.012	5.027	5.030	5.027	5.079	0.00	-1.35	-1.34	-0.11	-0.11	-0.02	0.00	1.07	12.230
601	2.863	5.087	5.015	5.020	5.022	5.029	5.072	0.00	-0.90	-0.89	-0.12	-0.12	-0.01	0.00	1.04	12.148
602	2.836	5.079	5.018	5.012	5.015	5.032	5.065	0.00	-0.45	-0.45	-0.13	-0.13	-0.01	0.00	1.03	12.097
603	2.833	5.073	5.021	5.004	5.007	5.035	5.060	0.00	0.00	0.00	-0.14	-0.14	0.00	0.00	1.03	12.082
604	2.852	5.067	5.025	4.997	5.000	5.039	5.055	0.00	0.46	0.45	-0.15	-0.15	0.01	0.00	1.04	12.100
605	2.890	5.062	5.029	4.990	4.992	5.043	5.051	0.00	0.93	0.92	-0.17	-0.17	0.01	0.00	1.06	12.145
606	2.940	5.058	5.033	4.982	4.985	5.048	5.047	0.00	1.42	1.41	-0.19	-0.19	0.02	0.00	1.09	12.208
607	2.993	5.053	5.037	4.975	4.977	5.052	5.043	0.00	1.93	1.92	-0.21	-0.21	0.03	0.00	1.12	12.275
608	3.041	5.049	5.041	4.967	4.970	5.057	5.040	0.00	2.46	2.44	-0.23	-0.22	0.03	0.00	1.15	12.348
609	3.077	5.043	5.046	4.959	4.962	5.062	5.035	0.00	3.01	2.98	-0.24	-0.24	0.04	0.00	1.17	12.407
610	3.098	5.038	5.049	4.951	4.954	5.066	5.030	0.00	3.56	3.53	-0.26	-0.26	0.05	0.00	1.18	12.443
611	3.100	5.030	5.053	4.943	4.946	5.069	5.024	0.00	4.09	4.05	-0.26	-0.26	0.05	0.00	1.19	12.450
612	3.245	5.146	4.997	5.069	5.072	5.015	5.121	0.00	-3.78	-3.77	-0.07	-0.07	-0.05	0.00	1.27	12.776
613	3.200	5.137	5.001	5.061	5.064	5.018	5.113	0.00	-3.27	-3.26	-0.08	-0.08	-0.04	0.00	1.25	12.698
614	3.133	5.127	5.004	5.052	5.055	5.021	5.105	0.00	-2.77	-2.76	-0.09	-0.09	-0.04	0.00	1.21	12.589
615	3.057	5.116	5.006	5.044	5.047	5.023	5.096	0.00	-2.29	-2.28	-0.10	-0.10	-0.03	0.00	1.16	12.467
616	2.984	5.106	5.009	5.036	5.039	5.025	5.088	0.00	-1.82	-1.81	-0.11	-0.11	-0.02	0.00	1.12	12.347
617	2.921	5.097	5.012	5.028	5.031	5.027	5.080	0.00	-1.36	-1.35	-0.12	-0.12	-0.02	0.00	1.08	12.244
618	2.875	5.088	5.015	5.020	5.023	5.030	5.073	0.00	-0.91	-0.90	-0.13	-0.13	-0.01	0.00	1.05	12.167
619	2.853	5.081	5.018	5.012	5.015	5.033	5.067	0.00	-0.46	-0.45	-0.14	-0.14	-0.01	0.00	1.04	12.123
620	2.854	5.074	5.022	5.005	5.007	5.036	5.061	0.00	0.00	0.00	-0.15	-0.15	0.00	0.00	1.04	12.115
621	2.878	5.069	5.025	4.998	5.000	5.040	5.057	0.00	0.46	0.46	-0.17	-0.17	0.01	0.00	1.05	12.139
622	2.919	5.064	5.029	4.990	4.993	5.044	5.053	0.00	0.94	0.93	-0.19	-0.18	0.01	0.00	1.08	12.188
623	2.968	5.060	5.033	4.983	4.985	5.049	5.049	0.00	1.44	1.43	-0.20	-0.20	0.02	0.00	1.11	12.251
624	3.019	5.055	5.038	4.975	4.978	5.054	5.045	0.00	1.96	1.94	-0.22	-0.22	0.03	0.00	1.14	12.314
625	3.061	5.050	5.042	4.967	4.970	5.058	5.041	0.00	2.49	2.47	-0.24	-0.24	0.03	0.00	1.16	12.379
626	3.091	5.045	5.046	4.960	4.963	5.062	5.037	0.00	3.04	3.01	-0.26	-0.26	0.04	0.00	1.18	12.428
627	3.106	5.039	5.050	4.952	4.955	5.066	5.032	0.00	3.59	3.55	-0.28	-0.27	0.05	0.00	1.19	12.455
628	3.104	5.031	5.053	4.944	4.947	5.069	5.025	0.00	4.11	4.07	-0.28	-0.27	0.05	0.00	1.19	12.457
629	3.246	5.146	4.998	5.069	5.072	5.016	5.121	0.00	-3.79	-3.78	-0.08	-0.08	-0.05	0.00	1.27	12.779
631	3.202	5.137	5.001	5.061	5.064	5.019	5.114	0.00	-3.29	-3.27	-0.09	-0.09	-0.04	0.00	1.25	12.702
632	3.136	5.127	5.004	5.053	5.056	5.021	5.106	0.00	-2.79	-2.78	-0.10	-0.11	-0.04	0.00	1.21	12.594
633	3.063	5.117	5.007	5.044	5.047	5.023	5.097	0.00	-2.30	-2.29	-0.11	-0.11	-0.03	0.00	1.16	12.475
634	2.992	5.107	5.009	5.036	5.039	5.025	5.089	0.00	-1.83	-1.82	-0.12	-0.12	-0.02	0.00	1.12	12.360
635	2.932	5.098	5.012	5.028	5.031	5.028	5.081	0.00	-1.37	-1.36	-0.13	-0.13	-0.02	0.00	1.08	12.261
636	2.891	5.089	5.015	5.021	5.023	5.030	5.074	0.00	-0.91	-0.91	-0.14	-0.14	-0.01	0.00	1.06	12.190
637	2.874	5.082	5.019	5.013	5.015	5.033	5.068	0.00	-0.46	-0.46	-0.15	-0.15	-0.01	0.00	1.05	12.155
638	2.881	5.076	5.022	5.005	5.008	5.037	5.063	0.00	0.00	0.00	-0.17	-0.17	0.00	0.00	1.05	12.155
639	2.910	5.071	5.026	4.998	5.001	5.041	5.059	0.00	0.47	0.46	-0.18	-0.18	0.01	0.00	1.07	12.187

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 125

PROJE : havuz

(HAVUZ40.ST4)

ZEMİN GERİLMESİ t/m²

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
667	3.148	5.129	5.004	5.053	5.056	5.022	5.107	0.00	-2.82	-2.81	-0.13	-0.13	-0.04	0.00	1.21	12.612
668	3.077	5.119	5.007	5.045	5.048	5.024	5.099	0.00	-2.34	-2.32	-0.14	-0.14	-0.03	0.00	1.17	12.498
669	3.012	5.109	5.010	5.037	5.040	5.027	5.091	0.00	-1.86	-1.85	-0.15	-0.15	-0.02	0.00	1.13	12.390
670	2.962	5.100	5.013	5.029	5.032	5.029	5.084	0.00	-1.40	-1.39	-0.16	-0.16	-0.02	0.00	1.10	12.306
671	2.934	5.092	5.016	5.022	5.024	5.032	5.077	0.00	-0.93	-0.93	-0.17	-0.17	-0.01	0.00	1.09	12.256
672	2.932	5.086	5.020	5.014	5.017	5.036	5.072	0.00	-0.47	-0.47	-0.18	-0.18	-0.01	0.00	1.08	12.242
673	2.952	5.080	5.023	5.007	5.009	5.039	5.067	0.00	0.00	0.00	-0.20	-0.20	0.00	0.00	1.10	12.262
674	2.989	5.075	5.027	4.999	5.002	5.044	5.063	0.00	0.48	0.48	-0.22	-0.22	0.01	0.00	1.12	12.306
675	3.033	5.071	5.031	4.992	4.995	5.048	5.059	0.00	0.98	0.97	-0.23	-0.23	0.01	0.00	1.15	12.360
676	3.074	5.066	5.036	4.984	4.987	5.053	5.055	0.00	1.50	1.48	-0.25	-0.25	0.02	0.00	1.17	12.409
677	3.105	5.061	5.040	4.977	4.980	5.057	5.051	0.00	2.03	2.01	-0.27	-0.27	0.03	0.00	1.19	12.444
678	3.123	5.055	5.044	4.969	4.972	5.061	5.046	0.00	2.58	2.55	-0.29	-0.29	0.03	0.00	1.20	12.470
679	3.126	5.049	5.047	4.962	4.964	5.065	5.041	0.00	3.12	3.09	-0.30	-0.30	0.04	0.00	1.20	12.481
680	3.252	5.147	4.998	5.070	5.073	5.017	5.123	0.00	-3.84	-3.82	-0.12	-0.12	-0.05	0.00	1.28	12.789
681	3.214	5.139	5.001	5.062	5.065	5.020	5.116	0.00	-3.34	-3.32	-0.13	-0.14	-0.04	0.00	1.25	12.721
682	3.154	5.129	5.004	5.054	5.057	5.023	5.108	0.00	-2.84	-2.83	-0.14	-0.15	-0.04	0.00	1.22	12.623
683	3.085	5.119	5.007	5.046	5.048	5.025	5.100	0.00	-2.36	-2.34	-0.15	-0.15	-0.03	0.00	1.18	12.510
684	3.024	5.110	5.010	5.038	5.040	5.027	5.092	0.00	-1.88	-1.86	-0.16	-0.16	-0.02	0.00	1.14	12.410
685	2.982	5.102	5.013	5.030	5.032	5.030	5.085	0.00	-1.41	-1.40	-0.17	-0.17	-0.02	0.00	1.11	12.337
686	2.963	5.094	5.017	5.022	5.025	5.033	5.079	0.00	-0.95	-0.94	-0.18	-0.19	-0.01	0.00	1.10	12.299
687	2.969	5.088	5.020	5.015	5.017	5.037	5.074	0.00	-0.48	-0.47	-0.20	-0.20	-0.01	0.00	1.11	12.297
688	2.996	5.083	5.024	5.007	5.010	5.041	5.069	0.00	0.00	0.00	-0.22	-0.22	0.00	0.00	1.12	12.327
689	3.036	5.078	5.028	5.000	5.003	5.045	5.066	0.00	0.49	0.48	-0.23	-0.23	0.01	0.00	1.15	12.376
690	3.077	5.073	5.032	4.993	4.995	5.050	5.062	0.00	1.00	0.99	-0.25	-0.25	0.01	0.00	1.17	12.425
691	3.109	5.068	5.036	4.985	4.988	5.054	5.057	0.00	1.52	1.51	-0.27	-0.27	0.02	0.00	1.19	12.461
692	3.129	5.063	5.040	4.977	4.980	5.058	5.053	0.00	2.06	2.04	-0.29	-0.28	0.03	0.00	1.20	12.480
693	3.135	5.056	5.044	4.970	4.973	5.062	5.047	0.00	2.60	2.58	-0.30	-0.30	0.03	0.00	1.21	12.488
694	3.255	5.148	4.998	5.070	5.074	5.018	5.124	0.00	-3.86	-3.84	-0.13	-0.14	-0.05	0.00	1.28	12.793
695	3.247	5.145	5.000	5.067	5.070	5.019	5.122	0.00	-3.67	-3.65	-0.15	-0.15	-0.05	0.00	1.27	12.778
696	3.220	5.140	5.002	5.062	5.065	5.021	5.117	0.00	-3.36	-3.34	-0.15	-0.15	-0.04	0.00	1.26	12.731
697	3.158	5.130	5.005	5.054	5.057	5.023	5.109	0.00	-2.86	-2.84	-0.16	-0.16	-0.04	0.00	1.22	12.629
698	3.094	5.120	5.008	5.046	5.049	5.026	5.101	0.00	-2.38	-2.36	-0.17	-0.17	-0.03	0.00	1.18	12.524
699	3.040	5.111	5.011	5.038	5.041	5.028	5.093	0.00	-1.90	-1.88	-0.18	-0.18	-0.02	0.00	1.15	12.434
700	3.006	5.103	5.014	5.030	5.033	5.031	5.087	0.00	-1.43	-1.41	-0.19	-0.19	-0.02	0.00	1.13	12.374
701	2.997	5.096	5.017	5.023	5.025	5.034	5.081	0.00	-0.96	-0.95	-0.20	-0.20	-0.01	0.00	1.12	12.350
702	3.012	5.091	5.021	5.015	5.018	5.038	5.076	0.00	-0.49	-0.48	-0.22	-0.22	-0.01	0.00	1.13	12.361
703	3.045	5.086	5.025	5.008	5.011	5.042	5.072	0.00	0.00	0.00	-0.23	-0.23	0.00	0.00	1.15	12.400
704	3.084	5.081	5.029	5.001	5.003	5.047	5.068	0.00	0.50	0.49	-0.25	-0.25	0.01	0.00	1.18	12.447
705	3.116	5.076	5.033	4.993	4.996	5.051	5.064	0.00	1.01	1.00	-0.27	-0.27	0.01	0.00	1.20	12.484
706	3.136	5.070	5.037	4.986	4.988	5.055	5.059	0.00	1.54	1.53	-0.29	-0.28	0.02	0.00	1.21	12.503
707	3.143	5.064	5.041	4.978	4.981	5.059	5.054	0.00	2.08	2.06	-0.30	-0.30	0.03	0.00	1.21	12.503
708	3.257	5.149	4.998	5.071	5.074	5.018	5.125	0.00	-3.88	-3.86	-0.15	-0.15	-0.05	0.00	1.28	12.797
709	3.257	5.149	4.999	5.071	5.074	5.018	5.125	0.00	-3.88	-3.86	-0.15	-0.15	-0.05	0.00	1.28	12.798
710	3.221	5.140	5.002	5.063	5.066	5.021	5.118	0.00	-3.38	-3.36	-0.16	-0.16	-0.04	0.00	1.26	12.733
711	3.163	5.131	5.005	5.055	5.057	5.024	5.110	0.00	-2.89	-2.86	-0.17	-0.17	-0.04	0.00	1.22	12.638
712	3.105	5.121	5.008	5.046	5.049	5.026	5.102	0.00	-2.40	-2.38	-0.18	-0.18	-0.03	0.00	1.19	12.541
713	3.060	5.113	5.011	5.039	5.041	5.029	5.095	0.00	-1.92	-1.90	-0.19	-0.19	-0.03	0.00	1.16	12.464
714	3.035	5.105	5.014	5.031	5.033	5.032	5.089	0.00	-1.44	-1.43	-0.20	-0.20	-0.02	0.00	1.15	12.418
715	3.036	5.099	5.018	5.023	5.026	5.036	5.083	0.00	-0.97	-0.96	-0.22	-0.22	-0.01	0.00	1.15	12.408
716	3.059	5.093	5.022	5.016	5.019	5.040	5.079	0.00	-0.49	-0.49	-0.23	-0.23	-0.01	0.00	1.16	12.431
717	3.095	5.089	5.026	5.009	5.011	5.044	5.075	0.00	0.00	0.00	-0.25	-0.25	0.00	0.00	1.18	12.475
718	3.129	5.084	5.030	5.001	5.004	5.048	5.071	0.00	0.50	0.50	-0.27	-0.27	0.01	0.00	1.20	12.514
719	3.146	5.078	5.034	4.994	4.997	5.052	5.066	0.00	1.03	1.02	-0.29	-0.28	0.01	0.00	1.21	12.530
720	3.153	5.072	5.037	4.986	4.989	5.056	5.061	0.00	1.56	1.54	-0.30	-0.30	0.02	0.00	1.22	12.528
721	3.260	5.149	4.999	5.071	5.074	5.019	5.125	0.00	-3.91	-3.88	-0.16	-0.16	-0.05	0.00	1.28	12.803
722	3.223	5.141	5.002	5.063	5.066	5.022	5.118	0.00	-3.41	-3.38	-0.17	-0.18	-0.04	0.00	1.26	12.738
723	3.170	5.132	5.005	5.055	5.058	5.024	5.111	0.00	-2.91	-2.89	-0.18	-0.19	-0.04	0.00	1.23	12.648
724	3.119	5.123	5.008	5.047	5.050	5.027	5.103	0.00	-2.42	-2.40	-0.19	-0.20	-0.03	0.00	1.20	12.562
725	3.082	5.114	5.012	5.039	5.042	5.030	5.096	0.00	-1.94	-1.92	-0.20	-0.21	-0.03	0.00	1.18	12.498
726	3.069	5.107	5.015	5.031	5.034	5.033	5.091	0.00	-1.46	-1.45	-0.22	-0.22	-0.02	0.00	1.17	12.468
727	3.078	5.101	5.019	5.024	5.027	5.037	5.086	0.00	-0.99	-0.98	-0.23	-0.23	-0.01	0.00	1.17	12.472
728	3.107	5.096	5.023	5.017	5.019	5.041	5.081	0.00	-0.50	-0.50	-0.25	-0.25	-0.01	0.00	1.19	12.503
729	3.143	5.091	5.027	5.009	5.012	5.045	5.077	0.00	0.00	0.00	-0.27	-0.27	0.00	0.00	1.21	12.546
730	3.160	5.086	5.031	5.002	5.005	5.049	5.073	0.00	0.51	0.51	-0.29	-0.28	0.01	0.00	1.22	12.561
731	3.163	5.079	5.034	4.994	4.997	5.053	5.067	0.00	1.04	1.03	-0.30	-0.30	0.01	0.00	1.22	12.555
732	3.263	5.150	4.999	5.072	5.075	5.019	5.126	0.00	-3.93	-3.90	-0.18	-0.18	-0.05	0.00	1.28	12.808
733	3.227	5.141	5.002	5.064	5.066	5.022	5.119	0.00	-3.43	-3.41	-0.19	-0.19	-0.05	0.00	1.26	12.744
734	3.179	5.132	5.005	5.055	5.058	5.025	5.112	0.00	-2.93	-2.91	-0.20	-0.20	-0.04	0.00	1.23	12.662
735	3.135	5.124	5.009	5.047	5.050	5.028	5.105	0.00	-2.44	-2.42	-0.21	-0.21	-0.03	0.00	1.21	12.588
736	3.109	5.116	5.012	5.040	5.042	5.031	5.098	0.00	-1.96	-1.94	-0.22	-0.22	-0.03	0.00	1.19	12.538
737	3.105	5.109	5.016	5.032	5.035	5.034	5.093	0.00	-1.48	-1.47	-0.23	-0.24	-0.02	0.00	1.19	12.522
738	3.122	5.104	5.019	5.025	5.027	5.038	5.088	0.00	-1.00	-0.99	-0.25	-0.25	-0.01	0.00	1.20	12.537
739	3.151	5.099	5.023	5.017	5.020											

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 126

PROJE : havuz

(HAVUZ40.ST4)

ZEMİN GERİLMESİ t/m²

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	max. σ
750	3.185	5.095	5.028	5.011	5.013	5.047	5.081	0.00	0.00	0.00	-0.30	-0.30	0.00	0.00	1.24	12.610
752	3.270	5.151	4.999	5.072	5.075	5.020	5.128	0.00	-3.98	-3.95	-0.20	-0.21	-0.05	0.00	1.29	12.820
753	3.238	5.143	5.003	5.064	5.067	5.023	5.121	0.00	-3.48	-3.45	-0.21	-0.22	-0.05	0.00	1.27	12.763
754	3.202	5.135	5.006	5.056	5.059	5.026	5.114	0.00	-2.99	-2.96	-0.23	-0.23	-0.04	0.00	1.25	12.698
755	3.176	5.127	5.010	5.049	5.051	5.029	5.108	0.00	-2.50	-2.47	-0.24	-0.24	-0.03	0.00	1.23	12.649
756	3.168	5.120	5.013	5.041	5.044	5.033	5.102	0.00	-2.01	-1.99	-0.25	-0.25	-0.03	0.00	1.23	12.627
757	3.177	5.114	5.017	5.034	5.036	5.037	5.097	0.00	-1.53	-1.51	-0.27	-0.27	-0.02	0.00	1.23	12.631
758	3.193	5.109	5.021	5.026	5.029	5.041	5.093	0.00	-1.03	-1.02	-0.28	-0.29	-0.01	0.00	1.24	12.644
759	3.196	5.102	5.024	5.019	5.022	5.044	5.087	0.00	-0.52	-0.52	-0.30	-0.30	-0.01	0.00	1.24	12.639
760	3.274	5.152	5.000	5.073	5.076	5.021	5.129	0.00	-4.01	-3.98	-0.22	-0.22	-0.05	0.00	1.29	12.826
761	3.245	5.144	5.003	5.065	5.068	5.024	5.122	0.00	-3.51	-3.48	-0.23	-0.23	-0.05	0.00	1.27	12.773
762	3.215	5.136	5.007	5.057	5.060	5.027	5.116	0.00	-3.01	-2.99	-0.24	-0.24	-0.04	0.00	1.25	12.719
763	3.198	5.129	5.010	5.049	5.052	5.030	5.109	0.00	-2.53	-2.50	-0.25	-0.26	-0.03	0.00	1.24	12.683
764	3.197	5.122	5.014	5.042	5.044	5.034	5.104	0.00	-2.04	-2.02	-0.27	-0.27	-0.03	0.00	1.24	12.671
765	3.206	5.116	5.017	5.034	5.037	5.038	5.099	0.00	-1.55	-1.53	-0.28	-0.29	-0.02	0.00	1.25	12.674
766	3.209	5.110	5.021	5.027	5.030	5.042	5.094	0.00	-1.04	-1.03	-0.30	-0.30	-0.01	0.00	1.25	12.669
767	3.277	5.153	5.000	5.073	5.076	5.021	5.130	0.00	-4.04	-4.00	-0.23	-0.23	-0.05	0.00	1.29	12.832
769	3.252	5.145	5.003	5.065	5.068	5.025	5.123	0.00	-3.54	-3.51	-0.24	-0.25	-0.05	0.00	1.28	12.785
770	3.229	5.137	5.007	5.058	5.060	5.028	5.117	0.00	-3.04	-3.02	-0.26	-0.26	-0.04	0.00	1.26	12.741
771	3.220	5.130	5.011	5.050	5.053	5.031	5.111	0.00	-2.56	-2.53	-0.27	-0.27	-0.03	0.00	1.26	12.716
772	3.221	5.124	5.014	5.043	5.045	5.035	5.106	0.00	-2.07	-2.05	-0.28	-0.29	-0.03	0.00	1.26	12.708
773	3.222	5.118	5.018	5.035	5.038	5.039	5.101	0.00	-1.57	-1.55	-0.30	-0.30	-0.02	0.00	1.26	12.700
774	3.281	5.153	5.000	5.074	5.076	5.022	5.131	0.00	-4.06	-4.03	-0.24	-0.25	-0.05	0.00	1.29	12.839
775	3.260	5.146	5.004	5.066	5.069	5.025	5.124	0.00	-3.57	-3.53	-0.26	-0.26	-0.05	0.00	1.28	12.797
776	3.244	5.139	5.007	5.058	5.061	5.029	5.118	0.00	-3.07	-3.04	-0.27	-0.27	-0.04	0.00	1.27	12.763
777	3.239	5.132	5.011	5.051	5.053	5.032	5.113	0.00	-2.59	-2.56	-0.28	-0.29	-0.03	0.00	1.27	12.745
778	3.236	5.126	5.015	5.043	5.046	5.036	5.107	0.00	-2.09	-2.07	-0.30	-0.30	-0.03	0.00	1.27	12.732
779	3.285	5.154	5.001	5.074	5.077	5.022	5.131	0.00	-4.09	-4.05	-0.26	-0.26	-0.05	0.00	1.30	12.846
780	3.268	5.147	5.004	5.066	5.069	5.026	5.125	0.00	-3.60	-3.56	-0.27	-0.28	-0.05	0.00	1.29	12.810
781	3.257	5.140	5.008	5.059	5.061	5.029	5.120	0.00	-3.10	-3.07	-0.29	-0.29	-0.04	0.00	1.28	12.784
782	3.251	5.133	5.011	5.051	5.054	5.033	5.114	0.00	-2.61	-2.58	-0.30	-0.30	-0.03	0.00	1.28	12.765
783	3.290	5.155	5.001	5.075	5.077	5.023	5.132	0.00	-4.12	-4.08	-0.27	-0.28	-0.05	0.00	1.30	12.853
784	3.276	5.148	5.004	5.067	5.070	5.026	5.127	0.00	-3.62	-3.59	-0.29	-0.29	-0.05	0.00	1.29	12.823
785	3.266	5.141	5.008	5.059	5.062	5.030	5.121	0.00	-3.13	-3.10	-0.30	-0.30	-0.04	0.00	1.29	12.798
786	3.294	5.156	5.001	5.075	5.078	5.024	5.133	0.00	-4.14	-4.10	-0.29	-0.29	-0.06	0.00	1.30	12.861
787	3.288	5.153	5.003	5.072	5.075	5.025	5.131	0.00	-3.94	-3.90	-0.29	-0.29	-0.05	0.00	1.30	12.847
788	3.282	5.149	5.005	5.068	5.070	5.027	5.128	0.00	-3.65	-3.61	-0.30	-0.30	-0.05	0.00	1.29	12.833
789	3.298	5.157	5.001	5.076	5.078	5.024	5.134	0.00	-4.17	-4.13	-0.30	-0.31	-0.06	0.00	1.30	12.868

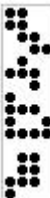
max ZEMİN GERİLMESİ=12.868 t/m²ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLÜ t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
1	3.111	5.057	0.566	0.056	12.446	< 13.000 ✓	8.734	< 13.000 ✓	8.223	< 13.000 ✓
2	3.118	5.054	0.501	0.049	12.451	< 13.000 ✓	8.673	< 13.000 ✓	8.221	< 13.000 ✓
3	3.126	5.051	0.436	0.042	12.457	< 13.000 ✓	8.613	< 13.000 ✓	8.218	< 13.000 ✓
4	3.107	5.057	0.563	0.055	12.441	< 13.000 ✓	8.727	< 13.000 ✓	8.219	< 13.000 ✓
5	3.111	5.055	0.537	0.052	12.444	< 13.000 ✓	8.703	< 13.000 ✓	8.219	< 13.000 ✓
6	3.113	5.054	0.498	0.048	12.444	< 13.000 ✓	8.664	< 13.000 ✓	8.215	< 13.000 ✓
7	3.134	5.048	0.371	0.035	12.464	< 13.000 ✓	8.553	< 13.000 ✓	8.217	< 13.000 ✓
8	3.117	5.051	0.433	0.041	12.445	< 13.000 ✓	8.601	< 13.000 ✓	8.209	< 13.000 ✓
9	3.103	5.057	0.559	0.055	12.435	< 13.000 ✓	8.719	< 13.000 ✓	8.215	< 13.000 ✓
10	3.105	5.054	0.494	0.048	12.433	< 13.000 ✓	8.653	< 13.000 ✓	8.207	< 13.000 ✓
11	3.122	5.048	0.368	0.034	12.447	< 13.000 ✓	8.538	< 13.000 ✓	8.204	< 13.000 ✓
12	3.142	5.049	0.306	0.028	12.479	< 13.000 ✓	8.498	< 13.000 ✓	8.220	< 13.000 ✓
13	3.105	5.051	0.429	0.041	12.428	< 13.000 ✓	8.584	< 13.000 ✓	8.196	< 13.000 ✓
14	3.099	5.057	0.556	0.054	12.430	< 13.000 ✓	8.712	< 13.000 ✓	8.210	< 13.000 ✓
15	3.098	5.054	0.490	0.047	12.423	< 13.000 ✓	8.642	< 13.000 ✓	8.199	< 13.000 ✓
16	3.128	5.049	0.303	0.028	12.457	< 13.000 ✓	8.480	< 13.000 ✓	8.204	< 13.000 ✓
17	3.104	5.048	0.364	0.034	12.421	< 13.000 ✓	8.515	< 13.000 ✓	8.185	< 13.000 ✓
18	3.152	5.058	0.241	0.021	12.505	< 13.000 ✓	8.451	< 13.000 ✓	8.230	< 13.000 ✓
19	3.091	5.050	0.425	0.040	12.408	< 13.000 ✓	8.566	< 13.000 ✓	8.182	< 13.000 ✓
20	3.096	5.057	0.552	0.054	12.425	< 13.000 ✓	8.705	< 13.000 ✓	8.206	< 13.000 ✓
21	3.090	5.054	0.487	0.047	12.412	< 13.000 ✓	8.631	< 13.000 ✓	8.191	< 13.000 ✓
22	3.136	5.057	0.239	0.021	12.481	< 13.000 ✓	8.431	< 13.000 ✓	8.213	< 13.000 ✓
23	3.104	5.048	0.299	0.027	12.422	< 13.000 ✓	8.451	< 13.000 ✓	8.179	< 13.000 ✓
24	3.082	5.047	0.360	0.033	12.391	< 13.000 ✓	8.490	< 13.000 ✓	8.163	< 13.000 ✓
25	3.162	5.066	0.176	0.014	12.532	< 13.000 ✓	8.404	< 13.000 ✓	8.242	< 13.000 ✓
26	3.077	5.050	0.421	0.040	12.388	< 13.000 ✓	8.548	< 13.000 ✓	8.167	< 13.000 ✓
27	3.092	5.057	0.549	0.053	12.420	< 13.000 ✓	8.698	< 13.000 ✓	8.202	< 13.000 ✓
28	3.084	5.053	0.483	0.046	12.403	< 13.000 ✓	8.620	< 13.000 ✓	8.183	< 13.000 ✓
29	3.108	5.056	0.236	0.020	12.440	< 13.000 ✓	8.399	< 13.000 ✓	8.184	< 13.000 ✓
30	3.146	5.065	0.175	0.014	12.508	< 13.000 ✓	8.385	< 13.000 ✓	8.225	< 13.000 ✓
31	3.076	5.046	0.295	0.027	12.380	< 13.000 ✓	8.418	< 13.000 ✓	8.149	< 13.000 ✓
32	3.061	5.047	0.356	0.033	12.360	< 13.000 ✓	8.463	< 13.000 ✓	8.141	< 13.000 ✓
33	3.172	5.074	0.111	0.007	12.560	< 13.000 ✓	8.358	< 13.000 ✓	8.254	< 13.000 ✓
34	3.064	5.050	0.417	0.039	12.370	< 13.000 ✓	8.531	< 13.000 ✓	8.153	< 13.000 ✓
35	3.089	5.057	0.545	0.053	12.415	< 13.000 ✓	8.691	< 13.000 ✓	8.199	< 13.000 ✓
37	3.077	5.053	0.479	0.046	12.394	< 13.000 ✓	8.610	< 13.000 ✓	8.177	< 13.000 ✓



ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
38	3.116	5.064	0.172	0.014	12.464	< 13.000 ✓	8.351	< 13.000 ✓	8.193	< 13.000 ✓
39	3.073	5.054	0.232	0.020	12.389	< 13.000 ✓	8.359	< 13.000 ✓	8.147	< 13.000 ✓
40	3.159	5.074	0.111	0.007	12.541	< 13.000 ✓	8.344	< 13.000 ✓	8.240	< 13.000 ✓
41	3.046	5.045	0.291	0.026	12.337	< 13.000 ✓	8.383	< 13.000 ✓	8.118	< 13.000 ✓
42	3.040	5.047	0.352	0.033	12.331	< 13.000 ✓	8.439	< 13.000 ✓	8.119	< 13.000 ✓
43	3.184	5.083	0.084	0.000	12.590	< 13.000 ✓	8.350	< 13.000 ✓	8.266	< 13.000 ✓
44	3.052	5.050	0.413	0.039	12.353	< 13.000 ✓	8.515	< 13.000 ✓	8.141	< 13.000 ✓
45	3.086	5.057	0.542	0.053	12.411	< 13.000 ✓	8.684	< 13.000 ✓	8.195	< 13.000 ✓
46	3.072	5.054	0.476	0.046	12.386	< 13.000 ✓	8.601	< 13.000 ✓	8.171	< 13.000 ✓
47	3.076	5.062	0.169	0.013	12.406	< 13.000 ✓	8.307	< 13.000 ✓	8.151	< 13.000 ✓
48	3.128	5.072	0.109	0.007	12.494	< 13.000 ✓	8.309	< 13.000 ✓	8.207	< 13.000 ✓
49	3.037	5.053	0.228	0.020	12.335	< 13.000 ✓	8.317	< 13.000 ✓	8.109	< 13.000 ✓
50	3.177	5.082	0.082	0.000	12.580	< 13.000 ✓	8.341	< 13.000 ✓	8.259	< 13.000 ✓
51	3.018	5.044	0.288	0.026	12.295	< 13.000 ✓	8.349	< 13.000 ✓	8.088	< 13.000 ✓
52	3.022	5.046	0.348	0.032	12.304	< 13.000 ✓	8.416	< 13.000 ✓	8.100	< 13.000 ✓
54	3.196	5.091	0.111	0.007	12.620	< 13.000 ✓	8.398	< 13.000 ✓	8.294	< 13.000 ✓
55	3.042	5.050	0.410	0.039	12.338	< 13.000 ✓	8.502	< 13.000 ✓	8.130	< 13.000 ✓
56	3.082	5.057	0.539	0.052	12.406	< 13.000 ✓	8.678	< 13.000 ✓	8.191	< 13.000 ✓
57	3.067	5.054	0.473	0.045	12.379	< 13.000 ✓	8.593	< 13.000 ✓	8.165	< 13.000 ✓
58	3.083	5.070	0.107	0.007	12.429	< 13.000 ✓	8.260	< 13.000 ✓	8.160	< 13.000 ✓
59	3.033	5.060	0.166	0.013	12.342	< 13.000 ✓	8.259	< 13.000 ✓	8.106	< 13.000 ✓
60	3.142	5.081	0.079	0.000	12.528	< 13.000 ✓	8.302	< 13.000 ✓	8.223	< 13.000 ✓
61	3.001	5.051	0.225	0.019	12.283	< 13.000 ✓	8.277	< 13.000 ✓	8.071	< 13.000 ✓
62	3.183	5.090	0.111	0.007	12.600	< 13.000 ✓	8.383	< 13.000 ✓	8.280	< 13.000 ✓
63	2.992	5.043	0.284	0.025	12.258	< 13.000 ✓	8.319	< 13.000 ✓	8.060	< 13.000 ✓
64	3.005	5.046	0.345	0.032	12.282	< 13.000 ✓	8.396	< 13.000 ✓	8.083	< 13.000 ✓
65	3.208	5.100	0.177	0.014	12.651	< 13.000 ✓	8.484	< 13.000 ✓	8.322	< 13.000 ✓
66	3.033	5.050	0.407	0.038	12.326	< 13.000 ✓	8.490	< 13.000 ✓	8.121	< 13.000 ✓
67	3.079	5.057	0.535	0.052	12.402	< 13.000 ✓	8.672	< 13.000 ✓	8.188	< 13.000 ✓
68	3.063	5.054	0.469	0.045	12.374	< 13.000 ✓	8.586	< 13.000 ✓	8.161	< 13.000 ✓
69	3.035	5.068	0.105	0.007	12.359	< 13.000 ✓	8.208	< 13.000 ✓	8.110	< 13.000 ✓
70	3.094	5.078	0.076	0.000	12.458	< 13.000 ✓	8.248	< 13.000 ✓	8.173	< 13.000 ✓
71	2.991	5.058	0.163	0.013	12.280	< 13.000 ✓	8.212	< 13.000 ✓	8.062	< 13.000 ✓
72	3.151	5.089	0.109	0.007	12.553	< 13.000 ✓	8.348	< 13.000 ✓	8.246	< 13.000 ✓
73	2.968	5.050	0.222	0.019	12.234	< 13.000 ✓	8.239	< 13.000 ✓	8.036	< 13.000 ✓
74	3.192	5.098	0.175	0.014	12.626	< 13.000 ✓	8.465	< 13.000 ✓	8.304	< 13.000 ✓
75	2.969	5.043	0.281	0.025	12.225	< 13.000 ✓	8.293	< 13.000 ✓	8.037	< 13.000 ✓
76	2.992	5.046	0.342	0.031	12.262	< 13.000 ✓	8.380	< 13.000 ✓	8.069	< 13.000 ✓
77	3.221	5.108	0.242	0.021	12.683	< 13.000 ✓	8.572	< 13.000 ✓	8.350	< 13.000 ✓
78	3.027	5.050	0.403	0.038	12.317	< 13.000 ✓	8.480	< 13.000 ✓	8.114	< 13.000 ✓
79	3.077	5.057	0.532	0.051	12.398	< 13.000 ✓	8.666	< 13.000 ✓	8.185	< 13.000 ✓
80	3.061	5.054	0.466	0.044	12.371	< 13.000 ✓	8.581	< 13.000 ✓	8.159	< 13.000 ✓
81	2.989	5.066	0.103	0.006	12.290	< 13.000 ✓	8.157	< 13.000 ✓	8.061	< 13.000 ✓
82	3.044	5.076	0.072	0.000	12.383	< 13.000 ✓	8.192	< 13.000 ✓	8.120	< 13.000 ✓
83	3.106	5.087	0.107	0.007	12.487	< 13.000 ✓	8.299	< 13.000 ✓	8.199	< 13.000 ✓
84	2.952	5.057	0.161	0.013	12.223	< 13.000 ✓	8.169	< 13.000 ✓	8.021	< 13.000 ✓
85	3.161	5.097	0.173	0.013	12.581	< 13.000 ✓	8.431	< 13.000 ✓	8.272	< 13.000 ✓
86	2.939	5.048	0.219	0.019	12.192	< 13.000 ✓	8.206	< 13.000 ✓	8.006	< 13.000 ✓
87	3.205	5.107	0.240	0.021	12.658	< 13.000 ✓	8.551	< 13.000 ✓	8.332	< 13.000 ✓
88	2.950	5.042	0.278	0.025	12.198	< 13.000 ✓	8.271	< 13.000 ✓	8.018	< 13.000 ✓
89	2.981	5.046	0.339	0.031	12.247	< 13.000 ✓	8.366	< 13.000 ✓	8.058	< 13.000 ✓
90	3.235	5.116	0.308	0.028	12.715	< 13.000 ✓	8.659	< 13.000 ✓	8.379	< 13.000 ✓
91	3.022	5.050	0.401	0.037	12.311	< 13.000 ✓	8.472	< 13.000 ✓	8.109	< 13.000 ✓
92	3.074	5.057	0.529	0.051	12.395	< 13.000 ✓	8.661	< 13.000 ✓	8.182	< 13.000 ✓
93	3.060	5.054	0.464	0.044	12.370	< 13.000 ✓	8.578	< 13.000 ✓	8.158	< 13.000 ✓
94	3.073	5.056	0.502	0.048	12.392	< 13.000 ✓	8.631	< 13.000 ✓	8.177	< 13.000 ✓
95	2.946	5.064	0.101	0.006	12.228	< 13.000 ✓	8.111	< 13.000 ✓	8.017	< 13.000 ✓
96	2.996	5.074	0.069	0.000	12.312	< 13.000 ✓	8.139	< 13.000 ✓	8.070	< 13.000 ✓
97	3.058	5.084	0.105	0.006	12.416	< 13.000 ✓	8.247	< 13.000 ✓	8.149	< 13.000 ✓
98	3.121	5.095	0.170	0.013	12.522	< 13.000 ✓	8.386	< 13.000 ✓	8.229	< 13.000 ✓
99	2.918	5.055	0.158	0.012	12.174	< 13.000 ✓	8.132	< 13.000 ✓	7.986	< 13.000 ✓
100	3.177	5.105	0.237	0.020	12.616	< 13.000 ✓	8.518	< 13.000 ✓	8.302	< 13.000 ✓
101	2.915	5.047	0.216	0.018	12.156	< 13.000 ✓	8.178	< 13.000 ✓	7.980	< 13.000 ✓
102	3.220	5.115	0.305	0.027	12.693	< 13.000 ✓	8.640	< 13.000 ✓	8.363	< 13.000 ✓
103	2.935	5.042	0.276	0.024	12.176	< 13.000 ✓	8.253	< 13.000 ✓	8.002	< 13.000 ✓
104	2.972	5.046	0.336	0.031	12.235	< 13.000 ✓	8.355	< 13.000 ✓	8.049	< 13.000 ✓
105	3.250	5.125	0.373	0.035	12.749	< 13.000 ✓	8.748	< 13.000 ✓	8.409	< 13.000 ✓
106	3.018	5.050	0.398	0.037	12.305	< 13.000 ✓	8.466	< 13.000 ✓	8.105	< 13.000 ✓
107	3.074	5.057	0.529	0.051	12.395	< 13.000 ✓	8.660	< 13.000 ✓	8.182	< 13.000 ✓
108	3.054	5.054	0.461	0.044	12.362	< 13.000 ✓	8.569	< 13.000 ✓	8.152	< 13.000 ✓
109	2.952	5.072	0.066	0.000	12.248	< 13.000 ✓	8.090	< 13.000 ✓	8.024	< 13.000 ✓
110	2.909	5.063	0.099	0.006	12.173	< 13.000 ✓	8.071	< 13.000 ✓	7.978	< 13.000 ✓
111	3.011	5.082	0.103	0.006	12.347	< 13.000 ✓	8.196	< 13.000 ✓	8.100	< 13.000 ✓
112	3.078	5.093	0.167	0.013	12.457	< 13.000 ✓	8.337	< 13.000 ✓	8.184	< 13.000 ✓
113	3.142	5.103	0.233	0.020	12.564	< 13.000 ✓	8.478	< 13.000 ✓	8.265	< 13.000 ✓
114	2.890	5.054	0.156	0.012	12.132	< 13.000 ✓	8.100	< 13.000 ✓	7.956	< 13.000 ✓
115	3.196	5.114	0.301	0.027	12.657	< 13.000 ✓	8.611	< 13.000 ✓	8.337	< 13.000 ✓
116	2.895	5.046	0.214	0.018	12.127	< 13.000 ✓	8.155	< 13.000 ✓	7.959	< 13.000 ✓
117	3.238	5.124	0.370	0.034	12.731	< 13.000 ✓	8.731	< 13.000 ✓	8.396	< 13.000 ✓
118	2.922	5.042	0.273	0.024	12.158	< 13.000 ✓	8.237	< 13.000 ✓	7.988	< 13.000 ✓
119	2.965	5.046	0.334	0.030	12.225	< 13.000 ✓	8.345	< 13.000 ✓	8.042	< 13.000 ✓
120	3.265	5.133	0.439	0.042	12.784	< 13.000 ✓	8.837	< 13.000 ✓	8.440	< 13.000 ✓
121	3.012	5.050	0.395	0.037	12.297	< 13.000 ✓	8.457	< 13.000 ✓	8.099	< 13.000 ✓
122	3.072	5.057	0.527	0.051	12.392	< 13.000 ✓	8.656	< 13.000 ✓	8.179	< 13.000 ✓



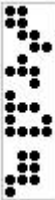
ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
123	3.049	5.054	0.458	0.043	12.355 <	13.000 ✓	8.561 <	13.000 ✓	8.146 <	13.000 ✓
124	2.913	5.070	0.063	0.000	12.191 <	13.000 ✓	8.047 <	13.000 ✓	7.984 <	13.000 ✓
125	2.968	5.080	0.101	0.006	12.284 <	13.000 ✓	8.150 <	13.000 ✓	8.055 <	13.000 ✓
126	2.878	5.061	0.098	0.006	12.127 <	13.000 ✓	8.037 <	13.000 ✓	7.945 <	13.000 ✓
127	3.035	5.091	0.164	0.013	12.395 <	13.000 ✓	8.290 <	13.000 ✓	8.139 <	13.000 ✓
128	3.104	5.102	0.229	0.020	12.509 <	13.000 ✓	8.435 <	13.000 ✓	8.225 <	13.000 ✓
129	3.167	5.112	0.297	0.027	12.614 <	13.000 ✓	8.576 <	13.000 ✓	8.306 <	13.000 ✓
130	2.866	5.053	0.155	0.012	12.097 <	13.000 ✓	8.073 <	13.000 ✓	7.931 <	13.000 ✓
131	3.219	5.123	0.366	0.034	12.702 <	13.000 ✓	8.707 <	13.000 ✓	8.375 <	13.000 ✓
132	2.878	5.046	0.212	0.018	12.103 <	13.000 ✓	8.136 <	13.000 ✓	7.942 <	13.000 ✓
133	3.256	5.132	0.435	0.041	12.770 <	13.000 ✓	8.824 <	13.000 ✓	8.430 <	13.000 ✓
134	2.912	5.042	0.271	0.024	12.144 <	13.000 ✓	8.225 <	13.000 ✓	7.978 <	13.000 ✓
135	2.958	5.046	0.331	0.030	12.215 <	13.000 ✓	8.335 <	13.000 ✓	8.034 <	13.000 ✓
136	3.281	5.141	0.504	0.049	12.819 <	13.000 ✓	8.926 <	13.000 ✓	8.471 <	13.000 ✓
137	3.006	5.050	0.393	0.036	12.288 <	13.000 ✓	8.449 <	13.000 ✓	8.092 <	13.000 ✓
138	3.069	5.057	0.524	0.050	12.389 <	13.000 ✓	8.651 <	13.000 ✓	8.177 <	13.000 ✓
139	3.046	5.054	0.456	0.043	12.350 <	13.000 ✓	8.556 <	13.000 ✓	8.143 <	13.000 ✓
140	2.881	5.069	0.060	0.000	12.143 <	13.000 ✓	8.010 <	13.000 ✓	7.950 <	13.000 ✓
141	2.931	5.079	0.099	0.006	12.230 <	13.000 ✓	8.109 <	13.000 ✓	8.016 <	13.000 ✓
142	2.996	5.089	0.161	0.013	12.338 <	13.000 ✓	8.247 <	13.000 ✓	8.098 <	13.000 ✓
143	2.852	5.060	0.096	0.006	12.088 <	13.000 ✓	8.008 <	13.000 ✓	7.918 <	13.000 ✓
144	3.068	5.100	0.226	0.019	12.455 <	13.000 ✓	8.394 <	13.000 ✓	8.187 <	13.000 ✓
145	3.137	5.111	0.293	0.026	12.569 <	13.000 ✓	8.541 <	13.000 ✓	8.274 <	13.000 ✓
146	3.197	5.121	0.362	0.033	12.670 <	13.000 ✓	8.680 <	13.000 ✓	8.352 <	13.000 ✓
147	2.847	5.052	0.153	0.012	12.069 <	13.000 ✓	8.052 <	13.000 ✓	7.911 <	13.000 ✓
148	3.243	5.131	0.431	0.041	12.750 <	13.000 ✓	8.806 <	13.000 ✓	8.415 <	13.000 ✓
149	2.865	5.045	0.210	0.018	12.083 <	13.000 ✓	8.120 <	13.000 ✓	7.928 <	13.000 ✓
150	3.275	5.141	0.501	0.048	12.810 <	13.000 ✓	8.917 <	13.000 ✓	8.464 <	13.000 ✓
151	2.903	5.042	0.269	0.024	12.131 <	13.000 ✓	8.214 <	13.000 ✓	7.968 <	13.000 ✓
152	2.951	5.046	0.329	0.030	12.205 <	13.000 ✓	8.326 <	13.000 ✓	8.027 <	13.000 ✓
153	3.297	5.150	0.570	0.056	12.856 <	13.000 ✓	9.017 <	13.000 ✓	8.502 <	13.000 ✓
154	3.001	5.050	0.391	0.036	12.282 <	13.000 ✓	8.442 <	13.000 ✓	8.087 <	13.000 ✓
155	3.068	5.057	0.522	0.050	12.386 <	13.000 ✓	8.647 <	13.000 ✓	8.175 <	13.000 ✓
156	3.043	5.054	0.454	0.043	12.347 <	13.000 ✓	8.551 <	13.000 ✓	8.140 <	13.000 ✓
157	2.900	5.077	0.098	0.006	12.183 <	13.000 ✓	8.075 <	13.000 ✓	7.983 <	13.000 ✓
158	2.854	5.068	0.058	0.000	12.104 <	13.000 ✓	7.980 <	13.000 ✓	7.922 <	13.000 ✓
159	2.962	5.088	0.159	0.012	12.287 <	13.000 ✓	8.209 <	13.000 ✓	8.062 <	13.000 ✓
160	3.035	5.098	0.223	0.019	12.406 <	13.000 ✓	8.356 <	13.000 ✓	8.152 <	13.000 ✓
161	2.831	5.059	0.095	0.006	12.057 <	13.000 ✓	7.985 <	13.000 ✓	7.896 <	13.000 ✓
162	3.108	5.109	0.289	0.026	12.526 <	13.000 ✓	8.507 <	13.000 ✓	8.243 <	13.000 ✓
163	3.175	5.120	0.358	0.033	12.637 <	13.000 ✓	8.653 <	13.000 ✓	8.328 <	13.000 ✓
164	3.229	5.130	0.427	0.040	12.729 <	13.000 ✓	8.786 <	13.000 ✓	8.399 <	13.000 ✓
165	2.831	5.051	0.152	0.012	12.046 <	13.000 ✓	8.034 <	13.000 ✓	7.894 <	13.000 ✓
166	3.267	5.140	0.497	0.048	12.798 <	13.000 ✓	8.905 <	13.000 ✓	8.455 <	13.000 ✓
167	2.854	5.044	0.209	0.018	12.067 <	13.000 ✓	8.107 <	13.000 ✓	7.916 <	13.000 ✓
168	3.287	5.146	0.540	0.052	12.835 <	13.000 ✓	8.973 <	13.000 ✓	8.485 <	13.000 ✓
169	2.895	5.042	0.267	0.023	12.120 <	13.000 ✓	8.204 <	13.000 ✓	7.961 <	13.000 ✓
170	2.946	5.046	0.327	0.030	12.198 <	13.000 ✓	8.319 <	13.000 ✓	8.021 <	13.000 ✓
171	3.293	5.149	0.566	0.055	12.849 <	13.000 ✓	9.008 <	13.000 ✓	8.497 <	13.000 ✓
172	2.998	5.050	0.389	0.036	12.278 <	13.000 ✓	8.437 <	13.000 ✓	8.084 <	13.000 ✓
173	3.066	5.058	0.520	0.050	12.384 <	13.000 ✓	8.643 <	13.000 ✓	8.173 <	13.000 ✓
174	3.041	5.054	0.452	0.042	12.345 <	13.000 ✓	8.548 <	13.000 ✓	8.138 <	13.000 ✓
175	2.934	5.086	0.157	0.012	12.245 <	13.000 ✓	8.177 <	13.000 ✓	8.032 <	13.000 ✓
176	2.874	5.076	0.097	0.006	12.145 <	13.000 ✓	8.046 <	13.000 ✓	7.956 <	13.000 ✓
177	2.832	5.067	0.056	0.000	12.072 <	13.000 ✓	7.955 <	13.000 ✓	7.899 <	13.000 ✓
178	3.006	5.097	0.220	0.019	12.363 <	13.000 ✓	8.323 <	13.000 ✓	8.121 <	13.000 ✓
179	3.082	5.108	0.286	0.025	12.487 <	13.000 ✓	8.476 <	13.000 ✓	8.215 <	13.000 ✓
180	2.814	5.058	0.094	0.006	12.032 <	13.000 ✓	7.966 <	13.000 ✓	7.878 <	13.000 ✓
181	3.154	5.119	0.354	0.033	12.605 <	13.000 ✓	8.626 <	13.000 ✓	8.305 <	13.000 ✓
182	3.214	5.129	0.423	0.040	12.707 <	13.000 ✓	8.767 <	13.000 ✓	8.384 <	13.000 ✓
183	3.259	5.139	0.493	0.047	12.786 <	13.000 ✓	8.892 <	13.000 ✓	8.446 <	13.000 ✓
184	2.819	5.051	0.150	0.012	12.028 <	13.000 ✓	8.020 <	13.000 ✓	7.881 <	13.000 ✓
185	3.289	5.149	0.563	0.055	12.842 <	13.000 ✓	9.000 <	13.000 ✓	8.492 <	13.000 ✓
186	2.846	5.044	0.207	0.017	12.055 <	13.000 ✓	8.097 <	13.000 ✓	7.907 <	13.000 ✓
187	2.889	5.042	0.265	0.023	12.112 <	13.000 ✓	8.196 <	13.000 ✓	7.954 <	13.000 ✓
188	2.942	5.046	0.325	0.029	12.193 <	13.000 ✓	8.313 <	13.000 ✓	8.017 <	13.000 ✓
189	2.996	5.050	0.387	0.036	12.275 <	13.000 ✓	8.433 <	13.000 ✓	8.082 <	13.000 ✓
190	3.064	5.058	0.518	0.049	12.383 <	13.000 ✓	8.640 <	13.000 ✓	8.172 <	13.000 ✓
191	3.040	5.055	0.451	0.042	12.343 <	13.000 ✓	8.545 <	13.000 ✓	8.137 <	13.000 ✓
192	2.910	5.085	0.155	0.012	12.210 <	13.000 ✓	8.150 <	13.000 ✓	8.007 <	13.000 ✓
193	2.981	5.096	0.218	0.018	12.327 <	13.000 ✓	8.295 <	13.000 ✓	8.095 <	13.000 ✓
194	2.852	5.075	0.096	0.006	12.114 <	13.000 ✓	8.023 <	13.000 ✓	7.933 <	13.000 ✓
195	2.815	5.066	0.054	0.000	12.046 <	13.000 ✓	7.935 <	13.000 ✓	7.881 <	13.000 ✓
196	3.059	5.107	0.283	0.025	12.453 <	13.000 ✓	8.448 <	13.000 ✓	8.191 <	13.000 ✓
197	3.135	5.118	0.350	0.032	12.577 <	13.000 ✓	8.603 <	13.000 ✓	8.285 <	13.000 ✓
198	2.800	5.058	0.094	0.006	12.013 <	13.000 ✓	7.952 <	13.000 ✓	7.864 <	13.000 ✓
199	3.201	5.129	0.420	0.039	12.687 <	13.000 ✓	8.749 <	13.000 ✓	8.369 <	13.000 ✓
200	3.251	5.139	0.490	0.047	12.774 <	13.000 ✓	8.880 <	13.000 ✓	8.437 <	13.000 ✓
201	3.284	5.148	0.560	0.054	12.835 <	13.000 ✓	8.992 <	13.000 ✓	8.487 <	13.000 ✓
202	2.809	5.050	0.149	0.011	12.014 <	13.000 ✓	7.909 <	13.000 ✓	7.871 <	13.000 ✓
203	2.839	5.044	0.206	0.017	12.045 <	13.000 ✓	8.089 <	13.000 ✓	7.900 <	13.000 ✓
204	2.885	5.042	0.264	0.023	12.106 <	13.000 ✓	8.191 <	13.000 ✓	7.950 <	13.000 ✓
205	2.940	5.046	0.324	0.029	12.190 <	13.000 ✓	8.310 <	13.000 ✓	8.015 <	13.000 ✓
206	2.995	5.051	0.386	0.035	12.274 <	13.000 ✓	8.431 <	13.000 ✓	8.081 <	13.000 ✓



ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
207	3.063	5.058	0.516	0.049	12.381	< 13.000 ✓	8.638	< 13.000 ✓	8.170	< 13.000 ✓
209	3.040	5.055	0.449	0.042	12.343	< 13.000 ✓	8.544	< 13.000 ✓	8.136	< 13.000 ✓
210	2.891	5.084	0.154	0.012	12.181	< 13.000 ✓	8.128	< 13.000 ✓	7.986	< 13.000 ✓
211	2.961	5.095	0.215	0.018	12.297	< 13.000 ✓	8.271	< 13.000 ✓	8.074	< 13.000 ✓
212	3.040	5.106	0.280	0.025	12.425	< 13.000 ✓	8.425	< 13.000 ✓	8.170	< 13.000 ✓
213	2.835	5.074	0.095	0.006	12.089	< 13.000 ✓	8.004	< 13.000 ✓	7.916	< 13.000 ✓
214	2.801	5.065	0.052	0.000	12.026	< 13.000 ✓	7.919	< 13.000 ✓	7.867	< 13.000 ✓
215	3.118	5.117	0.347	0.032	12.553	< 13.000 ✓	8.582	< 13.000 ✓	8.267	< 13.000 ✓
216	3.189	5.128	0.416	0.039	12.669	< 13.000 ✓	8.733	< 13.000 ✓	8.356	< 13.000 ✓
217	2.790	5.057	0.093	0.006	11.998	< 13.000 ✓	7.940	< 13.000 ✓	7.853	< 13.000 ✓
218	3.244	5.138	0.486	0.046	12.763	< 13.000 ✓	8.869	< 13.000 ✓	8.429	< 13.000 ✓
219	3.280	5.148	0.556	0.054	12.829	< 13.000 ✓	8.984	< 13.000 ✓	8.482	< 13.000 ✓
220	2.802	5.050	0.148	0.011	12.003	< 13.000 ✓	8.001	< 13.000 ✓	7.864	< 13.000 ✓
221	2.835	5.044	0.205	0.017	12.038	< 13.000 ✓	8.083	< 13.000 ✓	7.895	< 13.000 ✓
222	2.882	5.042	0.263	0.023	12.103	< 13.000 ✓	8.187	< 13.000 ✓	7.948	< 13.000 ✓
223	2.939	5.047	0.322	0.029	12.189	< 13.000 ✓	8.308	< 13.000 ✓	8.015	< 13.000 ✓
224	2.995	5.051	0.384	0.035	12.275	< 13.000 ✓	8.431	< 13.000 ✓	8.082	< 13.000 ✓
225	3.062	5.058	0.515	0.049	12.380	< 13.000 ✓	8.635	< 13.000 ✓	8.169	< 13.000 ✓
226	3.040	5.055	0.448	0.042	12.344	< 13.000 ✓	8.543	< 13.000 ✓	8.137	< 13.000 ✓
227	2.945	5.094	0.213	0.018	12.273	< 13.000 ✓	8.252	< 13.000 ✓	8.056	< 13.000 ✓
228	2.875	5.083	0.152	0.012	12.158	< 13.000 ✓	8.111	< 13.000 ✓	7.970	< 13.000 ✓
229	3.024	5.105	0.277	0.024	12.401	< 13.000 ✓	8.406	< 13.000 ✓	8.153	< 13.000 ✓
230	3.104	5.116	0.344	0.031	12.532	< 13.000 ✓	8.564	< 13.000 ✓	8.252	< 13.000 ✓
231	2.822	5.074	0.094	0.006	12.069	< 13.000 ✓	7.990	< 13.000 ✓	7.902	< 13.000 ✓
232	2.791	5.065	0.050	0.000	12.011	< 13.000 ✓	7.906	< 13.000 ✓	7.856	< 13.000 ✓
233	3.178	5.127	0.413	0.039	12.653	< 13.000 ✓	8.718	< 13.000 ✓	8.344	< 13.000 ✓
234	3.238	5.138	0.483	0.046	12.753	< 13.000 ✓	8.858	< 13.000 ✓	8.421	< 13.000 ✓
235	2.783	5.057	0.092	0.006	11.987	< 13.000 ✓	7.932	< 13.000 ✓	7.845	< 13.000 ✓
236	3.277	5.147	0.553	0.053	12.823	< 13.000 ✓	8.977	< 13.000 ✓	8.477	< 13.000 ✓
237	2.797	5.050	0.147	0.011	11.996	< 13.000 ✓	7.995	< 13.000 ✓	7.859	< 13.000 ✓
238	2.832	5.044	0.204	0.017	12.035	< 13.000 ✓	8.079	< 13.000 ✓	7.893	< 13.000 ✓
239	2.882	5.043	0.261	0.023	12.103	< 13.000 ✓	8.186	< 13.000 ✓	7.947	< 13.000 ✓
240	2.940	5.047	0.321	0.029	12.191	< 13.000 ✓	8.308	< 13.000 ✓	8.016	< 13.000 ✓
241	2.998	5.051	0.383	0.035	12.278	< 13.000 ✓	8.432	< 13.000 ✓	8.084	< 13.000 ✓
242	3.061	5.059	0.514	0.049	12.379	< 13.000 ✓	8.634	< 13.000 ✓	8.169	< 13.000 ✓
243	3.042	5.055	0.447	0.042	12.348	< 13.000 ✓	8.545	< 13.000 ✓	8.139	< 13.000 ✓
244	2.931	5.093	0.212	0.018	12.253	< 13.000 ✓	8.236	< 13.000 ✓	8.042	< 13.000 ✓
245	3.011	5.104	0.275	0.024	12.382	< 13.000 ✓	8.390	< 13.000 ✓	8.139	< 13.000 ✓
246	2.863	5.083	0.151	0.012	12.140	< 13.000 ✓	8.096	< 13.000 ✓	7.957	< 13.000 ✓
247	3.093	5.116	0.341	0.031	12.516	< 13.000 ✓	8.550	< 13.000 ✓	8.240	< 13.000 ✓
248	3.169	5.127	0.409	0.038	12.640	< 13.000 ✓	8.705	< 13.000 ✓	8.334	< 13.000 ✓
249	2.812	5.073	0.093	0.006	12.054	< 13.000 ✓	7.978	< 13.000 ✓	7.891	< 13.000 ✓
250	2.783	5.065	0.049	0.000	12.000	< 13.000 ✓	7.896	< 13.000 ✓	7.848	< 13.000 ✓
251	3.232	5.137	0.479	0.045	12.744	< 13.000 ✓	8.848	< 13.000 ✓	8.414	< 13.000 ✓
252	3.273	5.147	0.549	0.053	12.817	< 13.000 ✓	8.969	< 13.000 ✓	8.473	< 13.000 ✓
253	2.778	5.057	0.092	0.006	11.980	< 13.000 ✓	7.926	< 13.000 ✓	7.840	< 13.000 ✓
255	2.795	5.050	0.147	0.011	11.992	< 13.000 ✓	7.991	< 13.000 ✓	7.856	< 13.000 ✓
256	2.831	5.044	0.203	0.017	12.034	< 13.000 ✓	8.078	< 13.000 ✓	7.892	< 13.000 ✓
257	2.883	5.043	0.260	0.023	12.105	< 13.000 ✓	8.186	< 13.000 ✓	7.949	< 13.000 ✓
258	2.943	5.047	0.320	0.029	12.196	< 13.000 ✓	8.311	< 13.000 ✓	8.019	< 13.000 ✓
259	3.002	5.052	0.383	0.035	12.285	< 13.000 ✓	8.436	< 13.000 ✓	8.089	< 13.000 ✓
260	3.061	5.059	0.513	0.049	12.379	< 13.000 ✓	8.632	< 13.000 ✓	8.168	< 13.000 ✓
261	3.047	5.056	0.447	0.042	12.355	< 13.000 ✓	8.550	< 13.000 ✓	8.145	< 13.000 ✓
262	2.920	5.093	0.210	0.017	12.237	< 13.000 ✓	8.223	< 13.000 ✓	8.030	< 13.000 ✓
263	3.000	5.104	0.273	0.024	12.366	< 13.000 ✓	8.377	< 13.000 ✓	8.128	< 13.000 ✓
264	3.084	5.115	0.338	0.031	12.502	< 13.000 ✓	8.538	< 13.000 ✓	8.230	< 13.000 ✓
265	2.853	5.082	0.150	0.011	12.126	< 13.000 ✓	8.085	< 13.000 ✓	7.947	< 13.000 ✓
266	3.163	5.126	0.406	0.038	12.630	< 13.000 ✓	8.695	< 13.000 ✓	8.327	< 13.000 ✓
267	3.227	5.137	0.476	0.045	12.736	< 13.000 ✓	8.839	< 13.000 ✓	8.409	< 13.000 ✓
268	2.804	5.073	0.093	0.006	12.043	< 13.000 ✓	7.970	< 13.000 ✓	7.883	< 13.000 ✓
269	2.778	5.064	0.047	0.000	11.992	< 13.000 ✓	7.889	< 13.000 ✓	7.842	< 13.000 ✓
270	3.269	5.147	0.546	0.053	12.812	< 13.000 ✓	8.962	< 13.000 ✓	8.468	< 13.000 ✓
271	2.775	5.057	0.091	0.006	11.975	< 13.000 ✓	7.923	< 13.000 ✓	7.837	< 13.000 ✓
272	2.794	5.050	0.146	0.011	11.991	< 13.000 ✓	7.990	< 13.000 ✓	7.855	< 13.000 ✓
273	2.832	5.044	0.202	0.017	12.036	< 13.000 ✓	8.078	< 13.000 ✓	7.893	< 13.000 ✓
274	2.886	5.043	0.260	0.022	12.109	< 13.000 ✓	8.189	< 13.000 ✓	7.952	< 13.000 ✓
275	2.948	5.048	0.320	0.029	12.203	< 13.000 ✓	8.315	< 13.000 ✓	8.024	< 13.000 ✓
276	3.009	5.052	0.382	0.035	12.295	< 13.000 ✓	8.443	< 13.000 ✓	8.096	< 13.000 ✓
277	3.060	5.059	0.512	0.049	12.379	< 13.000 ✓	8.632	< 13.000 ✓	8.168	< 13.000 ✓
278	3.055	5.056	0.446	0.042	12.368	< 13.000 ✓	8.558	< 13.000 ✓	8.153	< 13.000 ✓
279	2.911	5.092	0.208	0.017	12.224	< 13.000 ✓	8.212	< 13.000 ✓	8.021	< 13.000 ✓
280	2.991	5.103	0.271	0.024	12.353	< 13.000 ✓	8.365	< 13.000 ✓	8.118	< 13.000 ✓
281	3.077	5.115	0.336	0.030	12.491	< 13.000 ✓	8.527	< 13.000 ✓	8.222	< 13.000 ✓
282	3.158	5.126	0.403	0.037	12.622	< 13.000 ✓	8.687	< 13.000 ✓	8.321	< 13.000 ✓
283	2.846	5.082	0.149	0.011	12.115	< 13.000 ✓	8.077	< 13.000 ✓	7.939	< 13.000 ✓
284	3.223	5.137	0.473	0.045	12.730	< 13.000 ✓	8.832	< 13.000 ✓	8.404	< 13.000 ✓
285	3.266	5.146	0.542	0.052	12.806	< 13.000 ✓	8.955	< 13.000 ✓	8.464	< 13.000 ✓
286	2.799	5.073	0.092	0.006	12.035	< 13.000 ✓	7.964	< 13.000 ✓	7.877	< 13.000 ✓
287	2.775	5.064	0.046	0.000	11.988	< 13.000 ✓	7.885	< 13.000 ✓	7.839	< 13.000 ✓
288	2.774	5.057	0.091	0.005	11.974	< 13.000 ✓	7.922	< 13.000 ✓	7.836	< 13.000 ✓
289	2.795	5.050	0.145	0.011	11.993	< 13.000 ✓	7.990	< 13.000 ✓	7.856	< 13.000 ✓
290	2.835	5.044	0.201	0.017	12.039	< 13.000 ✓	8.080	< 13.000 ✓	7.896	< 13.000 ✓
291	2.890	5.043	0.259	0.022	12.115	< 13.000 ✓	8.192	< 13.000 ✓	7.956	< 13.000 ✓
292	2.953	5.048	0.319	0.028	12.211	< 13.000 ✓	8.320	< 13.000 ✓	8.029	< 13.000 ✓



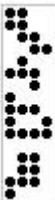
ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
293	3.014	5.052	0.382	0.035	12.304	< 13.000 ✓	8.449	< 13.000 ✓	8.102	< 13.000 ✓
294	3.060	5.059	0.512	0.049	12.379	< 13.000 ✓	8.631	< 13.000 ✓	8.168	< 13.000 ✓
295	3.047	5.056	0.447	0.042	12.356	< 13.000 ✓	8.550	< 13.000 ✓	8.145	< 13.000 ✓
297	2.905	5.092	0.207	0.017	12.214	< 13.000 ✓	8.204	< 13.000 ✓	8.014	< 13.000 ✓
298	2.983	5.103	0.269	0.023	12.341	< 13.000 ✓	8.355	< 13.000 ✓	8.110	< 13.000 ✓
299	3.069	5.114	0.333	0.030	12.480	< 13.000 ✓	8.517	< 13.000 ✓	8.214	< 13.000 ✓
300	3.153	5.126	0.401	0.037	12.616	< 13.000 ✓	8.680	< 13.000 ✓	8.316	< 13.000 ✓
301	3.220	5.136	0.470	0.044	12.726	< 13.000 ✓	8.826	< 13.000 ✓	8.400	< 13.000 ✓
302	2.841	5.082	0.148	0.011	12.108	< 13.000 ✓	8.071	< 13.000 ✓	7.934	< 13.000 ✓
303	3.263	5.146	0.539	0.052	12.801	< 13.000 ✓	8.948	< 13.000 ✓	8.460	< 13.000 ✓
304	2.796	5.073	0.092	0.006	12.031	< 13.000 ✓	7.961	< 13.000 ✓	7.874	< 13.000 ✓
305	2.774	5.064	0.044	0.000	11.986	< 13.000 ✓	7.882	< 13.000 ✓	7.838	< 13.000 ✓
306	2.774	5.057	0.091	0.005	11.975	< 13.000 ✓	7.922	< 13.000 ✓	7.837	< 13.000 ✓
307	2.796	5.050	0.145	0.011	11.996	< 13.000 ✓	7.992	< 13.000 ✓	7.858	< 13.000 ✓
308	2.838	5.045	0.201	0.017	12.044	< 13.000 ✓	8.083	< 13.000 ✓	7.899	< 13.000 ✓
309	2.893	5.044	0.259	0.022	12.121	< 13.000 ✓	8.196	< 13.000 ✓	7.959	< 13.000 ✓
310	2.956	5.048	0.319	0.028	12.215	< 13.000 ✓	8.323	< 13.000 ✓	8.033	< 13.000 ✓
311	3.009	5.053	0.382	0.035	12.296	< 13.000 ✓	8.443	< 13.000 ✓	8.096	< 13.000 ✓
312	3.060	5.060	0.512	0.049	12.380	< 13.000 ✓	8.632	< 13.000 ✓	8.169	< 13.000 ✓
313	3.042	5.057	0.447	0.042	12.350	< 13.000 ✓	8.546	< 13.000 ✓	8.141	< 13.000 ✓
314	2.900	5.092	0.206	0.017	12.207	< 13.000 ✓	8.198	< 13.000 ✓	8.009	< 13.000 ✓
315	2.977	5.103	0.267	0.023	12.332	< 13.000 ✓	8.347	< 13.000 ✓	8.103	< 13.000 ✓
316	3.062	5.114	0.331	0.030	12.469	< 13.000 ✓	8.508	< 13.000 ✓	8.206	< 13.000 ✓
317	3.147	5.125	0.398	0.037	12.606	< 13.000 ✓	8.670	< 13.000 ✓	8.309	< 13.000 ✓
318	3.219	5.136	0.467	0.044	12.724	< 13.000 ✓	8.822	< 13.000 ✓	8.399	< 13.000 ✓
319	3.260	5.146	0.536	0.051	12.796	< 13.000 ✓	8.941	< 13.000 ✓	8.456	< 13.000 ✓
320	2.838	5.082	0.147	0.011	12.104	< 13.000 ✓	8.067	< 13.000 ✓	7.931	< 13.000 ✓
321	2.795	5.073	0.091	0.005	12.030	< 13.000 ✓	7.959	< 13.000 ✓	7.873	< 13.000 ✓
322	2.774	5.064	0.043	0.000	11.987	< 13.000 ✓	7.881	< 13.000 ✓	7.839	< 13.000 ✓
323	2.776	5.057	0.091	0.005	11.977	< 13.000 ✓	7.923	< 13.000 ✓	7.838	< 13.000 ✓
324	2.799	5.051	0.145	0.011	11.999	< 13.000 ✓	7.994	< 13.000 ✓	7.860	< 13.000 ✓
325	2.840	5.045	0.201	0.016	12.048	< 13.000 ✓	8.086	< 13.000 ✓	7.902	< 13.000 ✓
326	2.895	5.044	0.259	0.022	12.124	< 13.000 ✓	8.198	< 13.000 ✓	7.961	< 13.000 ✓
327	2.953	5.048	0.319	0.028	12.212	< 13.000 ✓	8.321	< 13.000 ✓	8.030	< 13.000 ✓
328	3.002	5.053	0.382	0.035	12.287	< 13.000 ✓	8.437	< 13.000 ✓	8.090	< 13.000 ✓
329	3.061	5.060	0.513	0.049	12.381	< 13.000 ✓	8.634	< 13.000 ✓	8.170	< 13.000 ✓
330	3.040	5.057	0.448	0.042	12.347	< 13.000 ✓	8.545	< 13.000 ✓	8.139	< 13.000 ✓
331	2.973	5.102	0.266	0.023	12.326	< 13.000 ✓	8.341	< 13.000 ✓	8.098	< 13.000 ✓
332	2.898	5.092	0.205	0.017	12.203	< 13.000 ✓	8.194	< 13.000 ✓	8.006	< 13.000 ✓
333	3.057	5.114	0.329	0.030	12.461	< 13.000 ✓	8.500	< 13.000 ✓	8.200	< 13.000 ✓
334	3.141	5.125	0.396	0.036	12.597	< 13.000 ✓	8.661	< 13.000 ✓	8.302	< 13.000 ✓
335	3.213	5.136	0.464	0.044	12.715	< 13.000 ✓	8.813	< 13.000 ✓	8.392	< 13.000 ✓
336	3.246	5.142	0.506	0.048	12.772	< 13.000 ✓	8.894	< 13.000 ✓	8.436	< 13.000 ✓
337	3.257	5.145	0.533	0.051	12.792	< 13.000 ✓	8.935	< 13.000 ✓	8.453	< 13.000 ✓
338	2.837	5.082	0.147	0.011	12.103	< 13.000 ✓	8.066	< 13.000 ✓	7.930	< 13.000 ✓
339	2.796	5.073	0.091	0.005	12.031	< 13.000 ✓	7.960	< 13.000 ✓	7.874	< 13.000 ✓
340	2.776	5.065	0.041	0.000	11.989	< 13.000 ✓	7.882	< 13.000 ✓	7.840	< 13.000 ✓
341	2.777	5.057	0.090	0.005	11.980	< 13.000 ✓	7.925	< 13.000 ✓	7.840	< 13.000 ✓
342	2.800	5.051	0.145	0.011	12.002	< 13.000 ✓	7.996	< 13.000 ✓	7.862	< 13.000 ✓
343	2.841	5.045	0.200	0.016	12.050	< 13.000 ✓	8.087	< 13.000 ✓	7.903	< 13.000 ✓
344	2.893	5.044	0.259	0.022	12.122	< 13.000 ✓	8.196	< 13.000 ✓	7.960	< 13.000 ✓
345	2.948	5.049	0.320	0.029	12.205	< 13.000 ✓	8.316	< 13.000 ✓	8.025	< 13.000 ✓
346	2.998	5.053	0.383	0.035	12.281	< 13.000 ✓	8.434	< 13.000 ✓	8.086	< 13.000 ✓
347	3.061	5.060	0.514	0.049	12.383	< 13.000 ✓	8.635	< 13.000 ✓	8.171	< 13.000 ✓
348	3.040	5.057	0.449	0.042	12.347	< 13.000 ✓	8.546	< 13.000 ✓	8.139	< 13.000 ✓
349	2.971	5.102	0.264	0.023	12.322	< 13.000 ✓	8.337	< 13.000 ✓	8.096	< 13.000 ✓
350	3.053	5.113	0.328	0.029	12.456	< 13.000 ✓	8.494	< 13.000 ✓	8.196	< 13.000 ✓
351	2.897	5.092	0.204	0.017	12.202	< 13.000 ✓	8.193	< 13.000 ✓	8.005	< 13.000 ✓
352	3.136	5.124	0.394	0.036	12.589	< 13.000 ✓	8.654	< 13.000 ✓	8.296	< 13.000 ✓
353	3.208	5.135	0.462	0.043	12.707	< 13.000 ✓	8.805	< 13.000 ✓	8.386	< 13.000 ✓
354	3.254	5.145	0.531	0.051	12.788	< 13.000 ✓	8.930	< 13.000 ✓	8.450	< 13.000 ✓
355	3.257	5.145	0.533	0.051	12.791	< 13.000 ✓	8.935	< 13.000 ✓	8.453	< 13.000 ✓
356	2.838	5.082	0.146	0.011	12.104	< 13.000 ✓	8.066	< 13.000 ✓	7.931	< 13.000 ✓
357	2.797	5.073	0.091	0.005	12.033	< 13.000 ✓	7.961	< 13.000 ✓	7.876	< 13.000 ✓
358	2.777	5.065	0.040	0.000	11.992	< 13.000 ✓	7.882	< 13.000 ✓	7.842	< 13.000 ✓
359	2.779	5.058	0.090	0.005	11.983	< 13.000 ✓	7.927	< 13.000 ✓	7.842	< 13.000 ✓
360	2.801	5.051	0.144	0.011	12.004	< 13.000 ✓	7.997	< 13.000 ✓	7.863	< 13.000 ✓
361	2.840	5.046	0.201	0.016	12.049	< 13.000 ✓	8.086	< 13.000 ✓	7.902	< 13.000 ✓
362	2.890	5.045	0.259	0.022	12.117	< 13.000 ✓	8.193	< 13.000 ✓	7.957	< 13.000 ✓
363	2.943	5.049	0.320	0.029	12.199	< 13.000 ✓	8.312	< 13.000 ✓	8.021	< 13.000 ✓
364	2.995	5.053	0.384	0.035	12.279	< 13.000 ✓	8.433	< 13.000 ✓	8.084	< 13.000 ✓
365	3.062	5.061	0.515	0.049	12.384	< 13.000 ✓	8.638	< 13.000 ✓	8.172	< 13.000 ✓
366	3.040	5.058	0.450	0.042	12.349	< 13.000 ✓	8.548	< 13.000 ✓	8.140	< 13.000 ✓
367	3.051	5.113	0.326	0.029	12.452	< 13.000 ✓	8.490	< 13.000 ✓	8.193	< 13.000 ✓
368	2.970	5.102	0.263	0.023	12.322	< 13.000 ✓	8.336	< 13.000 ✓	8.095	< 13.000 ✓
369	3.132	5.124	0.392	0.036	12.584	< 13.000 ✓	8.648	< 13.000 ✓	8.293	< 13.000 ✓
370	2.898	5.092	0.203	0.017	12.204	< 13.000 ✓	8.193	< 13.000 ✓	8.006	< 13.000 ✓
371	3.204	5.135	0.459	0.043	12.702	< 13.000 ✓	8.798	< 13.000 ✓	8.382	< 13.000 ✓
372	3.252	5.145	0.528	0.050	12.784	< 13.000 ✓	8.925	< 13.000 ✓	8.447	< 13.000 ✓
373	2.840	5.082	0.146	0.011	12.107	< 13.000 ✓	8.068	< 13.000 ✓	7.933	< 13.000 ✓
374	2.799	5.073	0.091	0.005	12.036	< 13.000 ✓	7.963	< 13.000 ✓	7.878	< 13.000 ✓
375	2.779	5.065	0.039	0.000	11.994	< 13.000 ✓	7.882	< 13.000 ✓	7.844	< 13.000 ✓
376	2.779	5.058	0.090	0.005	11.984	< 13.000 ✓	7.928	< 13.000 ✓	7.843	< 13.000 ✓
377	2.800	5.052	0.145	0.011	12.003	< 13.000 ✓	7.997	< 13.000 ✓	7.863	< 13.000 ✓



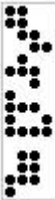
ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
378	2.838	5.046	0.201	0.017	12.046	< 13.000 ✓	8.084	< 13.000 ✓	7.900	< 13.000 ✓
379	2.886	5.045	0.260	0.022	12.112	< 13.000 ✓	8.190	< 13.000 ✓	7.953	< 13.000 ✓
380	2.940	5.049	0.321	0.029	12.195	< 13.000 ✓	8.311	< 13.000 ✓	8.018	< 13.000 ✓
381	2.995	5.054	0.385	0.035	12.279	< 13.000 ✓	8.434	< 13.000 ✓	8.084	< 13.000 ✓
382	3.063	5.061	0.516	0.049	12.387	< 13.000 ✓	8.641	< 13.000 ✓	8.174	< 13.000 ✓
383	3.041	5.058	0.452	0.042	12.351	< 13.000 ✓	8.552	< 13.000 ✓	8.142	< 13.000 ✓
384	3.050	5.113	0.325	0.029	12.451	< 13.000 ✓	8.488	< 13.000 ✓	8.192	< 13.000 ✓
385	3.130	5.124	0.390	0.036	12.581	< 13.000 ✓	8.645	< 13.000 ✓	8.290	< 13.000 ✓
386	2.971	5.102	0.262	0.023	12.323	< 13.000 ✓	8.336	< 13.000 ✓	8.096	< 13.000 ✓
387	3.201	5.135	0.457	0.043	12.698	< 13.000 ✓	8.794	< 13.000 ✓	8.379	< 13.000 ✓
388	2.900	5.092	0.203	0.017	12.208	< 13.000 ✓	8.195	< 13.000 ✓	8.009	< 13.000 ✓
389	3.250	5.145	0.526	0.050	12.781	< 13.000 ✓	8.920	< 13.000 ✓	8.444	< 13.000 ✓
390	2.842	5.082	0.146	0.011	12.110	< 13.000 ✓	8.070	< 13.000 ✓	7.935	< 13.000 ✓
391	2.801	5.073	0.091	0.005	12.038	< 13.000 ✓	7.965	< 13.000 ✓	7.879	< 13.000 ✓
392	2.779	5.065	0.037	0.000	11.995	< 13.000 ✓	7.882	< 13.000 ✓	7.844	< 13.000 ✓
393	2.779	5.058	0.090	0.005	11.984	< 13.000 ✓	7.927	< 13.000 ✓	7.842	< 13.000 ✓
394	2.799	5.052	0.145	0.011	12.001	< 13.000 ✓	7.995	< 13.000 ✓	7.861	< 13.000 ✓
395	2.835	5.046	0.201	0.017	12.043	< 13.000 ✓	8.082	< 13.000 ✓	7.898	< 13.000 ✓
396	2.883	5.045	0.260	0.023	12.109	< 13.000 ✓	8.189	< 13.000 ✓	7.951	< 13.000 ✓
397	2.939	5.050	0.322	0.029	12.194	< 13.000 ✓	8.311	< 13.000 ✓	8.018	< 13.000 ✓
398	2.996	5.054	0.387	0.036	12.281	< 13.000 ✓	8.437	< 13.000 ✓	8.086	< 13.000 ✓
399	3.065	5.062	0.518	0.049	12.389	< 13.000 ✓	8.644	< 13.000 ✓	8.176	< 13.000 ✓
401	3.043	5.059	0.454	0.043	12.354	< 13.000 ✓	8.556	< 13.000 ✓	8.145	< 13.000 ✓
402	3.129	5.124	0.389	0.035	12.580	< 13.000 ✓	8.642	< 13.000 ✓	8.289	< 13.000 ✓
403	3.051	5.113	0.324	0.029	12.453	< 13.000 ✓	8.488	< 13.000 ✓	8.193	< 13.000 ✓
404	3.199	5.135	0.456	0.042	12.695	< 13.000 ✓	8.790	< 13.000 ✓	8.377	< 13.000 ✓
405	2.974	5.103	0.262	0.022	12.328	< 13.000 ✓	8.338	< 13.000 ✓	8.099	< 13.000 ✓
406	3.248	5.144	0.524	0.050	12.778	< 13.000 ✓	8.916	< 13.000 ✓	8.442	< 13.000 ✓
407	2.903	5.092	0.202	0.017	12.212	< 13.000 ✓	8.198	< 13.000 ✓	8.012	< 13.000 ✓
408	2.844	5.083	0.146	0.011	12.113	< 13.000 ✓	8.072	< 13.000 ✓	7.937	< 13.000 ✓
409	2.801	5.074	0.091	0.005	12.039	< 13.000 ✓	7.965	< 13.000 ✓	7.880	< 13.000 ✓
410	2.779	5.066	0.039	0.000	11.995	< 13.000 ✓	7.883	< 13.000 ✓	7.844	< 13.000 ✓
411	2.778	5.058	0.090	0.005	11.982	< 13.000 ✓	7.926	< 13.000 ✓	7.841	< 13.000 ✓
412	2.796	5.052	0.145	0.011	11.998	< 13.000 ✓	7.994	< 13.000 ✓	7.860	< 13.000 ✓
413	2.833	5.047	0.202	0.017	12.040	< 13.000 ✓	8.081	< 13.000 ✓	7.896	< 13.000 ✓
414	2.882	5.045	0.261	0.023	12.108	< 13.000 ✓	8.189	< 13.000 ✓	7.950	< 13.000 ✓
415	2.940	5.050	0.324	0.029	12.196	< 13.000 ✓	8.313	< 13.000 ✓	8.019	< 13.000 ✓
416	2.998	5.055	0.389	0.036	12.285	< 13.000 ✓	8.441	< 13.000 ✓	8.088	< 13.000 ✓
417	3.066	5.062	0.520	0.050	12.392	< 13.000 ✓	8.648	< 13.000 ✓	8.178	< 13.000 ✓
418	3.046	5.059	0.456	0.043	12.359	< 13.000 ✓	8.561	< 13.000 ✓	8.148	< 13.000 ✓
419	3.198	5.135	0.454	0.042	12.693	< 13.000 ✓	8.787	< 13.000 ✓	8.375	< 13.000 ✓
420	3.130	5.124	0.387	0.035	12.580	< 13.000 ✓	8.641	< 13.000 ✓	8.289	< 13.000 ✓
421	3.054	5.113	0.323	0.029	12.457	< 13.000 ✓	8.490	< 13.000 ✓	8.196	< 13.000 ✓
422	3.246	5.144	0.522	0.049	12.775	< 13.000 ✓	8.912	< 13.000 ✓	8.440	< 13.000 ✓
423	2.978	5.103	0.261	0.022	12.334	< 13.000 ✓	8.342	< 13.000 ✓	8.103	< 13.000 ✓
424	2.906	5.093	0.202	0.016	12.216	< 13.000 ✓	8.200	< 13.000 ✓	8.015	< 13.000 ✓
425	2.845	5.083	0.146	0.011	12.115	< 13.000 ✓	8.073	< 13.000 ✓	7.938	< 13.000 ✓
426	2.801	5.074	0.091	0.005	12.039	< 13.000 ✓	7.965	< 13.000 ✓	7.880	< 13.000 ✓
427	2.777	5.066	0.040	0.000	11.994	< 13.000 ✓	7.883	< 13.000 ✓	7.843	< 13.000 ✓
428	2.776	5.059	0.090	0.005	11.980	< 13.000 ✓	7.925	< 13.000 ✓	7.840	< 13.000 ✓
429	2.795	5.052	0.145	0.011	11.997	< 13.000 ✓	7.993	< 13.000 ✓	7.858	< 13.000 ✓
430	2.832	5.047	0.202	0.017	12.039	< 13.000 ✓	8.081	< 13.000 ✓	7.895	< 13.000 ✓
431	2.883	5.046	0.262	0.023	12.109	< 13.000 ✓	8.191	< 13.000 ✓	7.951	< 13.000 ✓
432	2.942	5.050	0.325	0.029	12.199	< 13.000 ✓	8.317	< 13.000 ✓	8.022	< 13.000 ✓
433	3.001	5.055	0.391	0.036	12.290	< 13.000 ✓	8.447	< 13.000 ✓	8.092	< 13.000 ✓
434	3.068	5.063	0.522	0.050	12.395	< 13.000 ✓	8.652	< 13.000 ✓	8.180	< 13.000 ✓
435	3.049	5.060	0.458	0.043	12.364	< 13.000 ✓	8.567	< 13.000 ✓	8.152	< 13.000 ✓
436	3.245	5.144	0.520	0.049	12.773	< 13.000 ✓	8.909	< 13.000 ✓	8.438	< 13.000 ✓
437	3.198	5.135	0.453	0.042	12.692	< 13.000 ✓	8.785	< 13.000 ✓	8.374	< 13.000 ✓
438	3.132	5.124	0.386	0.035	12.584	< 13.000 ✓	8.643	< 13.000 ✓	8.291	< 13.000 ✓
439	3.059	5.114	0.322	0.029	12.464	< 13.000 ✓	8.495	< 13.000 ✓	8.201	< 13.000 ✓
441	2.981	5.103	0.261	0.022	12.339	< 13.000 ✓	8.345	< 13.000 ✓	8.107	< 13.000 ✓
442	2.907	5.093	0.202	0.016	12.218	< 13.000 ✓	8.201	< 13.000 ✓	8.016	< 13.000 ✓
443	2.844	5.083	0.146	0.011	12.114	< 13.000 ✓	8.072	< 13.000 ✓	7.938	< 13.000 ✓
444	2.799	5.074	0.091	0.005	12.037	< 13.000 ✓	7.964	< 13.000 ✓	7.879	< 13.000 ✓
445	2.776	5.066	0.041	0.000	11.992	< 13.000 ✓	7.883	< 13.000 ✓	7.842	< 13.000 ✓
446	2.774	5.059	0.091	0.005	11.979	< 13.000 ✓	7.924	< 13.000 ✓	7.839	< 13.000 ✓
447	2.794	5.053	0.146	0.011	11.996	< 13.000 ✓	7.993	< 13.000 ✓	7.858	< 13.000 ✓
448	2.832	5.048	0.203	0.017	12.041	< 13.000 ✓	8.083	< 13.000 ✓	7.897	< 13.000 ✓
449	2.885	5.046	0.264	0.023	12.113	< 13.000 ✓	8.195	< 13.000 ✓	7.954	< 13.000 ✓
450	2.946	5.051	0.327	0.030	12.205	< 13.000 ✓	8.323	< 13.000 ✓	8.026	< 13.000 ✓
451	3.006	5.056	0.393	0.036	12.297	< 13.000 ✓	8.454	< 13.000 ✓	8.098	< 13.000 ✓
452	3.070	5.063	0.524	0.050	12.399	< 13.000 ✓	8.657	< 13.000 ✓	8.183	< 13.000 ✓
453	3.054	5.060	0.461	0.044	12.372	< 13.000 ✓	8.575	< 13.000 ✓	8.158	< 13.000 ✓
454	3.244	5.144	0.519	0.049	12.772	< 13.000 ✓	8.907	< 13.000 ✓	8.437	< 13.000 ✓
455	3.198	5.135	0.452	0.042	12.693	< 13.000 ✓	8.784	< 13.000 ✓	8.375	< 13.000 ✓
456	3.136	5.125	0.386	0.035	12.590	< 13.000 ✓	8.647	< 13.000 ✓	8.296	< 13.000 ✓
457	3.064	5.114	0.322	0.028	12.472	< 13.000 ✓	8.500	< 13.000 ✓	8.207	< 13.000 ✓
458	2.983	5.103	0.261	0.022	12.342	< 13.000 ✓	8.347	< 13.000 ✓	8.109	< 13.000 ✓
459	2.906	5.093	0.202	0.016	12.217	< 13.000 ✓	8.201	< 13.000 ✓	8.015	< 13.000 ✓
460	2.842	5.083	0.146	0.011	12.112	< 13.000 ✓	8.071	< 13.000 ✓	7.936	< 13.000 ✓
461	2.797	5.074	0.091	0.005	12.035	< 13.000 ✓	7.963	< 13.000 ✓	7.877	< 13.000 ✓
462	2.774	5.066	0.043	0.000	11.990	< 13.000 ✓	7.884	< 13.000 ✓	7.841	< 13.000 ✓
463	2.774	5.059	0.091	0.005	11.979	< 13.000 ✓	7.924	< 13.000 ✓	7.839	< 13.000 ✓



ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
464	2.795	5.053	0.146	0.011	11.998 <	13.000 ✓	7.995 <	13.000 ✓	7.859 <	13.000 ✓
465	2.835	5.048	0.204	0.017	12.046 <	13.000 ✓	8.087 <	13.000 ✓	7.900 <	13.000 ✓
466	2.889	5.047	0.265	0.023	12.119 <	13.000 ✓	8.201 <	13.000 ✓	7.959 <	13.000 ✓
467	2.951	5.051	0.329	0.030	12.214 <	13.000 ✓	8.331 <	13.000 ✓	8.032 <	13.000 ✓
468	3.012	5.056	0.395	0.037	12.307 <	13.000 ✓	8.463 <	13.000 ✓	8.105 <	13.000 ✓
469	3.072	5.064	0.526	0.051	12.403 <	13.000 ✓	8.662 <	13.000 ✓	8.186 <	13.000 ✓
470	3.060	5.061	0.463	0.044	12.381 <	13.000 ✓	8.584 <	13.000 ✓	8.165 <	13.000 ✓
471	3.073	5.063	0.502	0.048	12.403 <	13.000 ✓	8.638 <	13.000 ✓	8.184 <	13.000 ✓
472	3.243	5.144	0.518	0.049	12.771 <	13.000 ✓	8.905 <	13.000 ✓	8.436 <	13.000 ✓
473	3.200	5.135	0.451	0.042	12.696 <	13.000 ✓	8.786 <	13.000 ✓	8.377 <	13.000 ✓
474	3.143	5.125	0.385	0.035	12.601 <	13.000 ✓	8.653 <	13.000 ✓	8.303 <	13.000 ✓
475	3.067	5.115	0.322	0.028	12.477 <	13.000 ✓	8.503 <	13.000 ✓	8.210 <	13.000 ✓
476	2.982	5.104	0.261	0.022	12.340 <	13.000 ✓	8.346 <	13.000 ✓	8.107 <	13.000 ✓
477	2.903	5.093	0.202	0.017	12.213 <	13.000 ✓	8.199 <	13.000 ✓	8.013 <	13.000 ✓
478	2.840	5.083	0.146	0.011	12.109 <	13.000 ✓	8.069 <	13.000 ✓	7.934 <	13.000 ✓
479	2.796	5.075	0.091	0.005	12.034 <	13.000 ✓	7.962 <	13.000 ✓	7.876 <	13.000 ✓
480	2.774	5.067	0.044	0.000	11.991 <	13.000 ✓	7.885 <	13.000 ✓	7.841 <	13.000 ✓
481	2.775	5.060	0.091	0.006	11.981 <	13.000 ✓	7.926 <	13.000 ✓	7.840 <	13.000 ✓
482	2.798	5.054	0.147	0.011	12.003 <	13.000 ✓	7.999 <	13.000 ✓	7.863 <	13.000 ✓
483	2.839	5.049	0.206	0.017	12.053 <	13.000 ✓	8.094 <	13.000 ✓	7.905 <	13.000 ✓
484	2.895	5.047	0.267	0.023	12.129 <	13.000 ✓	8.209 <	13.000 ✓	7.966 <	13.000 ✓
485	2.958	5.052	0.331	0.030	12.224 <	13.000 ✓	8.341 <	13.000 ✓	8.040 <	13.000 ✓
486	3.018	5.057	0.398	0.037	12.316 <	13.000 ✓	8.473 <	13.000 ✓	8.112 <	13.000 ✓
487	3.074	5.064	0.529	0.051	12.406 <	13.000 ✓	8.667 <	13.000 ✓	8.189 <	13.000 ✓
488	3.061	5.061	0.466	0.044	12.383 <	13.000 ✓	8.588 <	13.000 ✓	8.166 <	13.000 ✓
489	3.074	5.064	0.529	0.051	12.407 <	13.000 ✓	8.668 <	13.000 ✓	8.189 <	13.000 ✓
490	3.077	5.065	0.532	0.051	12.411 <	13.000 ✓	8.674 <	13.000 ✓	8.193 <	13.000 ✓
491	3.242	5.144	0.517	0.049	12.770 <	13.000 ✓	8.903 <	13.000 ✓	8.435 <	13.000 ✓
492	3.205	5.135	0.450	0.042	12.704 <	13.000 ✓	8.791 <	13.000 ✓	8.382 <	13.000 ✓
493	3.149	5.126	0.385	0.035	12.610 <	13.000 ✓	8.660 <	13.000 ✓	8.310 <	13.000 ✓
494	3.064	5.115	0.322	0.028	12.473 <	13.000 ✓	8.500 <	13.000 ✓	8.207 <	13.000 ✓
495	2.978	5.104	0.261	0.022	12.335 <	13.000 ✓	8.343 <	13.000 ✓	8.104 <	13.000 ✓
496	2.900	5.093	0.203	0.017	12.210 <	13.000 ✓	8.196 <	13.000 ✓	8.010 <	13.000 ✓
497	2.838	5.084	0.146	0.011	12.107 <	13.000 ✓	8.068 <	13.000 ✓	7.933 <	13.000 ✓
498	2.796	5.075	0.092	0.005	12.034 <	13.000 ✓	7.962 <	13.000 ✓	7.876 <	13.000 ✓
499	2.775	5.067	0.046	0.000	11.993 <	13.000 ✓	7.888 <	13.000 ✓	7.842 <	13.000 ✓
500	2.778	5.061	0.092	0.006	11.986 <	13.000 ✓	7.930 <	13.000 ✓	7.844 <	13.000 ✓
501	2.802	5.055	0.148	0.011	12.011 <	13.000 ✓	8.005 <	13.000 ✓	7.868 <	13.000 ✓
502	2.846	5.050	0.207	0.017	12.064 <	13.000 ✓	8.102 <	13.000 ✓	7.913 <	13.000 ✓
503	2.903	5.048	0.269	0.024	12.140 <	13.000 ✓	8.219 <	13.000 ✓	7.974 <	13.000 ✓
504	2.965	5.053	0.333	0.030	12.236 <	13.000 ✓	8.351 <	13.000 ✓	8.048 <	13.000 ✓
505	3.022	5.057	0.400	0.037	12.323 <	13.000 ✓	8.480 <	13.000 ✓	8.117 <	13.000 ✓
506	3.063	5.062	0.469	0.045	12.388 <	13.000 ✓	8.594 <	13.000 ✓	8.170 <	13.000 ✓
507	3.080	5.065	0.535	0.052	12.416 <	13.000 ✓	8.680 <	13.000 ✓	8.197 <	13.000 ✓
508	3.242	5.144	0.516	0.049	12.769 <	13.000 ✓	8.902 <	13.000 ✓	8.435 <	13.000 ✓
509	3.214	5.136	0.450	0.042	12.717 <	13.000 ✓	8.800 <	13.000 ✓	8.391 <	13.000 ✓
510	3.143	5.125	0.385	0.035	12.601 <	13.000 ✓	8.654 <	13.000 ✓	8.304 <	13.000 ✓
511	3.059	5.115	0.322	0.029	12.466 <	13.000 ✓	8.496 <	13.000 ✓	8.202 <	13.000 ✓
512	2.974	5.104	0.262	0.022	12.330 <	13.000 ✓	8.339 <	13.000 ✓	8.100 <	13.000 ✓
513	2.898	5.093	0.203	0.017	12.207 <	13.000 ✓	8.195 <	13.000 ✓	8.008 <	13.000 ✓
514	2.837	5.084	0.147	0.011	12.107 <	13.000 ✓	8.068 <	13.000 ✓	7.932 <	13.000 ✓
515	2.797	5.075	0.092	0.006	12.036 <	13.000 ✓	7.964 <	13.000 ✓	7.877 <	13.000 ✓
516	2.778	5.068	0.047	0.000	11.998 <	13.000 ✓	7.893 <	13.000 ✓	7.846 <	13.000 ✓
517	2.783	5.061	0.092	0.006	11.994 <	13.000 ✓	7.936 <	13.000 ✓	7.850 <	13.000 ✓
518	2.810	5.056	0.149	0.011	12.022 <	13.000 ✓	8.014 <	13.000 ✓	7.877 <	13.000 ✓
519	2.855	5.051	0.208	0.017	12.077 <	13.000 ✓	8.114 <	13.000 ✓	7.923 <	13.000 ✓
520	2.912	5.048	0.271	0.024	12.154 <	13.000 ✓	8.231 <	13.000 ✓	7.984 <	13.000 ✓
521	2.973	5.053	0.336	0.031	12.247 <	13.000 ✓	8.362 <	13.000 ✓	8.057 <	13.000 ✓
522	3.027	5.058	0.403	0.038	12.331 <	13.000 ✓	8.488 <	13.000 ✓	8.123 <	13.000 ✓
523	3.067	5.062	0.472	0.045	12.394 <	13.000 ✓	8.602 <	13.000 ✓	8.175 <	13.000 ✓
524	3.083	5.066	0.538	0.052	12.421 <	13.000 ✓	8.687 <	13.000 ✓	8.201 <	13.000 ✓
525	3.242	5.144	0.516	0.049	12.769 <	13.000 ✓	8.902 <	13.000 ✓	8.435 <	13.000 ✓
526	3.205	5.136	0.450	0.042	12.704 <	13.000 ✓	8.791 <	13.000 ✓	8.383 <	13.000 ✓
528	3.136	5.125	0.386	0.035	12.592 <	13.000 ✓	8.647 <	13.000 ✓	8.297 <	13.000 ✓
529	3.054	5.115	0.323	0.029	12.459 <	13.000 ✓	8.492 <	13.000 ✓	8.197 <	13.000 ✓
530	2.971	5.104	0.262	0.023	12.326 <	13.000 ✓	8.338 <	13.000 ✓	8.098 <	13.000 ✓
531	2.897	5.094	0.204	0.017	12.206 <	13.000 ✓	8.195 <	13.000 ✓	8.008 <	13.000 ✓
532	2.838	5.084	0.148	0.011	12.109 <	13.000 ✓	8.070 <	13.000 ✓	7.934 <	13.000 ✓
533	2.800	5.076	0.092	0.006	12.041 <	13.000 ✓	7.968 <	13.000 ✓	7.881 <	13.000 ✓
534	2.783	5.068	0.049	0.000	12.006 <	13.000 ✓	7.900 <	13.000 ✓	7.852 <	13.000 ✓
535	2.790	5.062	0.093	0.006	12.006 <	13.000 ✓	7.945 <	13.000 ✓	7.858 <	13.000 ✓
536	2.819	5.057	0.150	0.012	12.037 <	13.000 ✓	8.026 <	13.000 ✓	7.887 <	13.000 ✓
537	2.865	5.052	0.210	0.018	12.094 <	13.000 ✓	8.127 <	13.000 ✓	7.935 <	13.000 ✓
538	2.922	5.049	0.273	0.024	12.170 <	13.000 ✓	8.244 <	13.000 ✓	7.996 <	13.000 ✓
539	2.981	5.054	0.338	0.031	12.260 <	13.000 ✓	8.374 <	13.000 ✓	8.066 <	13.000 ✓
540	3.034	5.059	0.406	0.038	12.341 <	13.000 ✓	8.498 <	13.000 ✓	8.130 <	13.000 ✓
541	3.072	5.063	0.475	0.045	12.402 <	13.000 ✓	8.610 <	13.000 ✓	8.181 <	13.000 ✓
542	3.086	5.066	0.541	0.053	12.427 <	13.000 ✓	8.694 <	13.000 ✓	8.205 <	13.000 ✓
543	3.242	5.145	0.516	0.049	12.770 <	13.000 ✓	8.903 <	13.000 ✓	8.435 <	13.000 ✓
544	3.200	5.136	0.451	0.042	12.697 <	13.000 ✓	8.787 <	13.000 ✓	8.378 <	13.000 ✓
545	3.132	5.125	0.386	0.035	12.585 <	13.000 ✓	8.644 <	13.000 ✓	8.293 <	13.000 ✓
546	3.051	5.115	0.324	0.029	12.455 <	13.000 ✓	8.490 <	13.000 ✓	8.195 <	13.000 ✓
547	2.970	5.104	0.263	0.023	12.325 <	13.000 ✓	8.338 <	13.000 ✓	8.097 <	13.000 ✓
548	2.898	5.094	0.205	0.017	12.208 <	13.000 ✓	8.197 <	13.000 ✓	8.009 <	13.000 ✓



ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
549	2.841	5.085	0.148	0.011	12.113 <	13.000 ✓	8.074 <	13.000 ✓	7.937 <	13.000 ✓
550	2.805	5.077	0.093	0.006	12.049 <	13.000 ✓	7.974 <	13.000 ✓	7.887 <	13.000 ✓
551	2.791	5.069	0.050	0.000	12.018 <	13.000 ✓	7.911 <	13.000 ✓	7.860 <	13.000 ✓
552	2.801	5.063	0.093	0.006	12.022 <	13.000 ✓	7.957 <	13.000 ✓	7.869 <	13.000 ✓
553	2.832	5.058	0.151	0.012	12.056 <	13.000 ✓	8.040 <	13.000 ✓	7.901 <	13.000 ✓
554	2.879	5.053	0.212	0.018	12.115 <	13.000 ✓	8.144 <	13.000 ✓	7.950 <	13.000 ✓
555	2.935	5.050	0.275	0.024	12.189 <	13.000 ✓	8.260 <	13.000 ✓	8.009 <	13.000 ✓
556	2.992	5.055	0.341	0.031	12.277 <	13.000 ✓	8.388 <	13.000 ✓	8.078 <	13.000 ✓
557	3.042	5.059	0.409	0.038	12.354 <	13.000 ✓	8.511 <	13.000 ✓	8.140 <	13.000 ✓
558	3.078	5.064	0.479	0.046	12.411 <	13.000 ✓	8.620 <	13.000 ✓	8.187 <	13.000 ✓
559	3.089	5.067	0.545	0.053	12.432 <	13.000 ✓	8.701 <	13.000 ✓	8.209 <	13.000 ✓
560	3.242	5.145	0.517	0.049	12.771 <	13.000 ✓	8.904 <	13.000 ✓	8.436 <	13.000 ✓
561	3.198	5.136	0.452	0.042	12.694 <	13.000 ✓	8.785 <	13.000 ✓	8.376 <	13.000 ✓
562	3.130	5.126	0.387	0.035	12.583 <	13.000 ✓	8.643 <	13.000 ✓	8.291 <	13.000 ✓
563	3.050	5.115	0.325	0.029	12.454 <	13.000 ✓	8.490 <	13.000 ✓	8.194 <	13.000 ✓
564	2.971	5.104	0.265	0.023	12.326 <	13.000 ✓	8.340 <	13.000 ✓	8.098 <	13.000 ✓
565	2.900	5.095	0.206	0.017	12.212 <	13.000 ✓	8.201 <	13.000 ✓	8.012 <	13.000 ✓
566	2.846	5.085	0.149	0.011	12.121 <	13.000 ✓	8.081 <	13.000 ✓	7.943 <	13.000 ✓
567	2.812	5.077	0.093	0.006	12.061 <	13.000 ✓	7.983 <	13.000 ✓	7.895 <	13.000 ✓
568	2.802	5.070	0.052	0.000	12.035 <	13.000 ✓	7.924 <	13.000 ✓	7.872 <	13.000 ✓
569	2.814	5.064	0.094	0.006	12.042 <	13.000 ✓	7.972 <	13.000 ✓	7.884 <	13.000 ✓
570	2.847	5.059	0.153	0.012	12.080 <	13.000 ✓	8.059 <	13.000 ✓	7.918 <	13.000 ✓
571	2.895	5.054	0.214	0.018	12.140 <	13.000 ✓	8.163 <	13.000 ✓	7.968 <	13.000 ✓
572	2.951	5.051	0.278	0.025	12.212 <	13.000 ✓	8.279 <	13.000 ✓	8.026 <	13.000 ✓
573	3.006	5.055	0.344	0.032	12.297 <	13.000 ✓	8.405 <	13.000 ✓	8.093 <	13.000 ✓
574	3.053	5.060	0.413	0.039	12.369 <	13.000 ✓	8.525 <	13.000 ✓	8.151 <	13.000 ✓
575	3.084	5.064	0.482	0.046	12.421 <	13.000 ✓	8.631 <	13.000 ✓	8.195 <	13.000 ✓
576	3.093	5.068	0.548	0.053	12.438 <	13.000 ✓	8.709 <	13.000 ✓	8.214 <	13.000 ✓
578	3.243	5.145	0.518	0.049	12.772 <	13.000 ✓	8.906 <	13.000 ✓	8.437 <	13.000 ✓
579	3.198	5.136	0.453	0.042	12.694 <	13.000 ✓	8.786 <	13.000 ✓	8.376 <	13.000 ✓
580	3.130	5.126	0.389	0.035	12.583 <	13.000 ✓	8.644 <	13.000 ✓	8.291 <	13.000 ✓
581	3.051	5.115	0.326	0.029	12.456 <	13.000 ✓	8.493 <	13.000 ✓	8.196 <	13.000 ✓
582	2.973	5.105	0.266	0.023	12.331 <	13.000 ✓	8.344 <	13.000 ✓	8.101 <	13.000 ✓
583	2.905	5.095	0.207	0.017	12.219 <	13.000 ✓	8.208 <	13.000 ✓	8.018 <	13.000 ✓
584	2.853	5.086	0.150	0.011	12.133 <	13.000 ✓	8.090 <	13.000 ✓	7.951 <	13.000 ✓
585	2.822	5.078	0.094	0.006	12.077 <	13.000 ✓	7.995 <	13.000 ✓	7.907 <	13.000 ✓
586	2.815	5.071	0.054	0.000	12.055 <	13.000 ✓	7.940 <	13.000 ✓	7.887 <	13.000 ✓
587	2.831	5.065	0.095	0.006	12.068 <	13.000 ✓	7.991 <	13.000 ✓	7.902 <	13.000 ✓
588	2.866	5.060	0.154	0.012	12.110 <	13.000 ✓	8.081 <	13.000 ✓	7.939 <	13.000 ✓
589	2.915	5.056	0.216	0.018	12.171 <	13.000 ✓	8.187 <	13.000 ✓	7.989 <	13.000 ✓
590	2.970	5.052	0.281	0.025	12.240 <	13.000 ✓	8.302 <	13.000 ✓	8.046 <	13.000 ✓
591	3.022	5.056	0.348	0.032	12.321 <	13.000 ✓	8.426 <	13.000 ✓	8.110 <	13.000 ✓
592	3.064	5.061	0.416	0.039	12.387 <	13.000 ✓	8.541 <	13.000 ✓	8.164 <	13.000 ✓
593	3.091	5.065	0.486	0.047	12.431 <	13.000 ✓	8.642 <	13.000 ✓	8.203 <	13.000 ✓
594	3.096	5.068	0.552	0.054	12.444 <	13.000 ✓	8.716 <	13.000 ✓	8.218 <	13.000 ✓
595	3.244	5.145	0.519	0.049	12.774 <	13.000 ✓	8.908 <	13.000 ✓	8.438 <	13.000 ✓
596	3.198	5.136	0.454	0.042	12.696 <	13.000 ✓	8.789 <	13.000 ✓	8.377 <	13.000 ✓
597	3.131	5.126	0.390	0.036	12.585 <	13.000 ✓	8.647 <	13.000 ✓	8.293 <	13.000 ✓
598	3.053	5.116	0.328	0.029	12.460 <	13.000 ✓	8.497 <	13.000 ✓	8.199 <	13.000 ✓
599	2.978	5.106	0.267	0.023	12.338 <	13.000 ✓	8.351 <	13.000 ✓	8.106 <	13.000 ✓
600	2.912	5.096	0.209	0.017	12.230 <	13.000 ✓	8.216 <	13.000 ✓	8.025 <	13.000 ✓
601	2.863	5.087	0.151	0.012	12.148 <	13.000 ✓	8.101 <	13.000 ✓	7.962 <	13.000 ✓
602	2.836	5.079	0.095	0.006	12.097 <	13.000 ✓	8.010 <	13.000 ✓	7.921 <	13.000 ✓
603	2.833	5.073	0.056	0.000	12.082 <	13.000 ✓	7.961 <	13.000 ✓	7.905 <	13.000 ✓
604	2.852	5.067	0.096	0.006	12.100 <	13.000 ✓	8.015 <	13.000 ✓	7.925 <	13.000 ✓
605	2.890	5.062	0.156	0.012	12.145 <	13.000 ✓	8.108 <	13.000 ✓	7.964 <	13.000 ✓
606	2.940	5.058	0.219	0.019	12.208 <	13.000 ✓	8.216 <	13.000 ✓	8.016 <	13.000 ✓
607	2.993	5.053	0.284	0.025	12.275 <	13.000 ✓	8.329 <	13.000 ✓	8.071 <	13.000 ✓
608	3.041	5.057	0.351	0.032	12.348 <	13.000 ✓	8.449 <	13.000 ✓	8.130 <	13.000 ✓
609	3.077	5.062	0.420	0.040	12.407 <	13.000 ✓	8.559 <	13.000 ✓	8.179 <	13.000 ✓
610	3.098	5.066	0.490	0.047	12.443 <	13.000 ✓	8.654 <	13.000 ✓	8.211 <	13.000 ✓
611	3.100	5.069	0.555	0.054	12.450 <	13.000 ✓	8.724 <	13.000 ✓	8.223 <	13.000 ✓
612	3.245	5.146	0.520	0.049	12.776 <	13.000 ✓	8.911 <	13.000 ✓	8.440 <	13.000 ✓
613	3.200	5.137	0.456	0.042	12.698 <	13.000 ✓	8.792 <	13.000 ✓	8.379 <	13.000 ✓
614	3.133	5.127	0.392	0.036	12.589 <	13.000 ✓	8.651 <	13.000 ✓	8.295 <	13.000 ✓
615	3.057	5.116	0.330	0.030	12.467 <	13.000 ✓	8.503 <	13.000 ✓	8.203 <	13.000 ✓
616	2.984	5.106	0.269	0.023	12.347 <	13.000 ✓	8.359 <	13.000 ✓	8.114 <	13.000 ✓
617	2.921	5.097	0.210	0.018	12.244 <	13.000 ✓	8.228 <	13.000 ✓	8.035 <	13.000 ✓
618	2.875	5.088	0.153	0.012	12.167 <	13.000 ✓	8.116 <	13.000 ✓	7.975 <	13.000 ✓
619	2.853	5.081	0.096	0.006	12.123 <	13.000 ✓	8.029 <	13.000 ✓	7.939 <	13.000 ✓
620	2.854	5.074	0.058	0.000	12.115 <	13.000 ✓	7.987 <	13.000 ✓	7.929 <	13.000 ✓
621	2.878	5.069	0.097	0.006	12.139 <	13.000 ✓	8.044 <	13.000 ✓	7.953 <	13.000 ✓
622	2.919	5.064	0.158	0.012	12.188 <	13.000 ✓	8.141 <	13.000 ✓	7.995 <	13.000 ✓
623	2.968	5.060	0.221	0.019	12.251 <	13.000 ✓	8.249 <	13.000 ✓	8.047 <	13.000 ✓
624	3.019	5.055	0.287	0.026	12.314 <	13.000 ✓	8.361 <	13.000 ✓	8.099 <	13.000 ✓
625	3.061	5.058	0.355	0.033	12.379 <	13.000 ✓	8.475 <	13.000 ✓	8.152 <	13.000 ✓
626	3.091	5.062	0.424	0.040	12.428 <	13.000 ✓	8.578 <	13.000 ✓	8.194 <	13.000 ✓
627	3.106	5.066	0.493	0.048	12.455 <	13.000 ✓	8.666 <	13.000 ✓	8.220 <	13.000 ✓
628	3.104	5.069	0.559	0.055	12.457 <	13.000 ✓	8.732 <	13.000 ✓	8.228 <	13.000 ✓
629	3.246	5.146	0.522	0.050	12.779 <	13.000 ✓	8.915 <	13.000 ✓	8.442 <	13.000 ✓
631	3.202	5.137	0.458	0.043	12.702 <	13.000 ✓	8.796 <	13.000 ✓	8.382 <	13.000 ✓
632	3.136	5.127	0.394	0.036	12.594 <	13.000 ✓	8.657 <	13.000 ✓	8.300 <	13.000 ✓
633	3.063	5.117	0.332	0.030	12.475 <	13.000 ✓	8.512 <	13.000 ✓	8.210 <	13.000 ✓
634	2.992	5.107	0.271	0.024	12.360 <	13.000 ✓	8.370 <	13.000 ✓	8.122 <	13.000 ✓



ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
635	2.932	5.098	0.212	0.018	12.261	< 13.000 ✓	8.241	< 13.000 ✓	8.047	< 13.000 ✓
636	2.891	5.089	0.154	0.012	12.190	< 13.000 ✓	8.134	< 13.000 ✓	7.992	< 13.000 ✓
637	2.874	5.082	0.097	0.006	12.155	< 13.000 ✓	8.053	< 13.000 ✓	7.962	< 13.000 ✓
638	2.881	5.076	0.061	0.000	12.155	< 13.000 ✓	8.018	< 13.000 ✓	7.957	< 13.000 ✓
639	2.910	5.071	0.099	0.006	12.187	< 13.000 ✓	8.079	< 13.000 ✓	7.986	< 13.000 ✓
640	2.953	5.066	0.160	0.012	12.239	< 13.000 ✓	8.179	< 13.000 ✓	8.031	< 13.000 ✓
641	3.001	5.062	0.224	0.019	12.300	< 13.000 ✓	8.287	< 13.000 ✓	8.082	< 13.000 ✓
642	3.047	5.057	0.291	0.026	12.357	< 13.000 ✓	8.395	< 13.000 ✓	8.130	< 13.000 ✓
643	3.083	5.059	0.359	0.033	12.411	< 13.000 ✓	8.501	< 13.000 ✓	8.176	< 13.000 ✓
644	3.105	5.063	0.428	0.041	12.449	< 13.000 ✓	8.597	< 13.000 ✓	8.209	< 13.000 ✓
645	3.113	5.067	0.497	0.048	12.466	< 13.000 ✓	8.678	< 13.000 ✓	8.229	< 13.000 ✓
646	3.111	5.069	0.536	0.052	12.466	< 13.000 ✓	8.716	< 13.000 ✓	8.233	< 13.000 ✓
647	3.108	5.070	0.562	0.055	12.463	< 13.000 ✓	8.740	< 13.000 ✓	8.233	< 13.000 ✓
648	3.248	5.146	0.524	0.050	12.782	< 13.000 ✓	8.919	< 13.000 ✓	8.444	< 13.000 ✓
649	3.204	5.138	0.460	0.043	12.706	< 13.000 ✓	8.802	< 13.000 ✓	8.385	< 13.000 ✓
650	3.141	5.128	0.396	0.036	12.602	< 13.000 ✓	8.665	< 13.000 ✓	8.306	< 13.000 ✓
651	3.070	5.118	0.334	0.030	12.486	< 13.000 ✓	8.522	< 13.000 ✓	8.218	< 13.000 ✓
652	3.001	5.108	0.273	0.024	12.374	< 13.000 ✓	8.382	< 13.000 ✓	8.133	< 13.000 ✓
653	2.945	5.099	0.214	0.018	12.281	< 13.000 ✓	8.258	< 13.000 ✓	8.062	< 13.000 ✓
654	2.910	5.091	0.156	0.012	12.220	< 13.000 ✓	8.157	< 13.000 ✓	8.013	< 13.000 ✓
655	2.900	5.084	0.098	0.006	12.194	< 13.000 ✓	8.082	< 13.000 ✓	7.990	< 13.000 ✓
656	2.914	5.078	0.063	0.000	12.204	< 13.000 ✓	8.055	< 13.000 ✓	7.992	< 13.000 ✓
657	2.947	5.073	0.100	0.006	12.242	< 13.000 ✓	8.120	< 13.000 ✓	8.026	< 13.000 ✓
658	2.991	5.068	0.163	0.013	12.297	< 13.000 ✓	8.222	< 13.000 ✓	8.072	< 13.000 ✓
659	3.037	5.064	0.228	0.020	12.354	< 13.000 ✓	8.329	< 13.000 ✓	8.121	< 13.000 ✓
660	3.077	5.059	0.295	0.027	12.402	< 13.000 ✓	8.430	< 13.000 ✓	8.162	< 13.000 ✓
661	3.104	5.060	0.363	0.034	12.442	< 13.000 ✓	8.528	< 13.000 ✓	8.198	< 13.000 ✓
662	3.118	5.064	0.432	0.041	12.468	< 13.000 ✓	8.614	< 13.000 ✓	8.223	< 13.000 ✓
663	3.119	5.068	0.500	0.049	12.475	< 13.000 ✓	8.687	< 13.000 ✓	8.235	< 13.000 ✓
664	3.112	5.071	0.565	0.056	12.470	< 13.000 ✓	8.748	< 13.000 ✓	8.238	< 13.000 ✓
665	3.250	5.147	0.526	0.050	12.785	< 13.000 ✓	8.923	< 13.000 ✓	8.447	< 13.000 ✓
666	3.208	5.138	0.462	0.043	12.713	< 13.000 ✓	8.808	< 13.000 ✓	8.390	< 13.000 ✓
667	3.148	5.129	0.398	0.037	12.612	< 13.000 ✓	8.675	< 13.000 ✓	8.313	< 13.000 ✓
668	3.077	5.119	0.336	0.030	12.498	< 13.000 ✓	8.532	< 13.000 ✓	8.227	< 13.000 ✓
669	3.012	5.109	0.275	0.024	12.390	< 13.000 ✓	8.396	< 13.000 ✓	8.145	< 13.000 ✓
670	2.962	5.100	0.216	0.018	12.306	< 13.000 ✓	8.277	< 13.000 ✓	8.080	< 13.000 ✓
671	2.934	5.092	0.157	0.012	12.256	< 13.000 ✓	8.184	< 13.000 ✓	8.039	< 13.000 ✓
672	2.932	5.086	0.100	0.006	12.242	< 13.000 ✓	8.117	< 13.000 ✓	8.024	< 13.000 ✓
673	2.952	5.080	0.066	0.000	12.262	< 13.000 ✓	8.098	< 13.000 ✓	8.033	< 13.000 ✓
674	2.989	5.075	0.102	0.006	12.306	< 13.000 ✓	8.167	< 13.000 ✓	8.071	< 13.000 ✓
675	3.033	5.071	0.165	0.013	12.360	< 13.000 ✓	8.270	< 13.000 ✓	8.117	< 13.000 ✓
676	3.074	5.066	0.231	0.020	12.409	< 13.000 ✓	8.371	< 13.000 ✓	8.160	< 13.000 ✓
677	3.105	5.061	0.299	0.027	12.444	< 13.000 ✓	8.465	< 13.000 ✓	8.193	< 13.000 ✓
678	3.123	5.061	0.367	0.034	12.470	< 13.000 ✓	8.551	< 13.000 ✓	8.218	< 13.000 ✓
679	3.126	5.065	0.436	0.042	12.481	< 13.000 ✓	8.627	< 13.000 ✓	8.233	< 13.000 ✓
680	3.252	5.147	0.528	0.050	12.789	< 13.000 ✓	8.928	< 13.000 ✓	8.450	< 13.000 ✓
681	3.214	5.139	0.464	0.044	12.721	< 13.000 ✓	8.817	< 13.000 ✓	8.396	< 13.000 ✓
682	3.154	5.129	0.401	0.037	12.623	< 13.000 ✓	8.684	< 13.000 ✓	8.320	< 13.000 ✓
683	3.085	5.119	0.339	0.031	12.510	< 13.000 ✓	8.543	< 13.000 ✓	8.235	< 13.000 ✓
684	3.024	5.110	0.278	0.024	12.410	< 13.000 ✓	8.412	< 13.000 ✓	8.159	< 13.000 ✓
685	2.982	5.102	0.218	0.018	12.337	< 13.000 ✓	8.301	< 13.000 ✓	8.102	< 13.000 ✓
686	2.963	5.094	0.160	0.012	12.299	< 13.000 ✓	8.217	< 13.000 ✓	8.070	< 13.000 ✓
687	2.969	5.088	0.101	0.006	12.297	< 13.000 ✓	8.158	< 13.000 ✓	8.063	< 13.000 ✓
688	2.996	5.083	0.069	0.000	12.327	< 13.000 ✓	8.148	< 13.000 ✓	8.079	< 13.000 ✓
689	3.036	5.078	0.104	0.006	12.376	< 13.000 ✓	8.218	< 13.000 ✓	8.121	< 13.000 ✓
690	3.077	5.073	0.168	0.013	12.425	< 13.000 ✓	8.318	< 13.000 ✓	8.163	< 13.000 ✓
691	3.109	5.068	0.235	0.020	12.461	< 13.000 ✓	8.412	< 13.000 ✓	8.197	< 13.000 ✓
692	3.129	5.063	0.303	0.027	12.480	< 13.000 ✓	8.494	< 13.000 ✓	8.219	< 13.000 ✓
693	3.135	5.062	0.371	0.035	12.488	< 13.000 ✓	8.567	< 13.000 ✓	8.231	< 13.000 ✓
694	3.255	5.148	0.531	0.051	12.793	< 13.000 ✓	8.934	< 13.000 ✓	8.453	< 13.000 ✓
695	3.247	5.145	0.506	0.048	12.778	< 13.000 ✓	8.898	< 13.000 ✓	8.440	< 13.000 ✓
696	3.220	5.140	0.467	0.044	12.731	< 13.000 ✓	8.827	< 13.000 ✓	8.403	< 13.000 ✓
697	3.158	5.130	0.404	0.037	12.629	< 13.000 ✓	8.692	< 13.000 ✓	8.326	< 13.000 ✓
698	3.094	5.120	0.341	0.031	12.524	< 13.000 ✓	8.556	< 13.000 ✓	8.245	< 13.000 ✓
699	3.040	5.111	0.280	0.025	12.434	< 13.000 ✓	8.432	< 13.000 ✓	8.176	< 13.000 ✓
700	3.006	5.103	0.221	0.019	12.374	< 13.000 ✓	8.330	< 13.000 ✓	8.128	< 13.000 ✓
701	2.997	5.096	0.162	0.013	12.350	< 13.000 ✓	8.255	< 13.000 ✓	8.106	< 13.000 ✓
702	3.012	5.091	0.103	0.006	12.361	< 13.000 ✓	8.205	< 13.000 ✓	8.109	< 13.000 ✓
703	3.045	5.086	0.072	0.000	12.400	< 13.000 ✓	8.203	< 13.000 ✓	8.130	< 13.000 ✓
704	3.084	5.081	0.106	0.007	12.447	< 13.000 ✓	8.271	< 13.000 ✓	8.172	< 13.000 ✓
705	3.116	5.076	0.171	0.013	12.484	< 13.000 ✓	8.363	< 13.000 ✓	8.206	< 13.000 ✓
706	3.136	5.070	0.238	0.021	12.503	< 13.000 ✓	8.445	< 13.000 ✓	8.227	< 13.000 ✓
707	3.143	5.064	0.306	0.028	12.503	< 13.000 ✓	8.513	< 13.000 ✓	8.235	< 13.000 ✓
708	3.257	5.149	0.533	0.051	12.797	< 13.000 ✓	8.939	< 13.000 ✓	8.456	< 13.000 ✓
709	3.257	5.149	0.534	0.051	12.798	< 13.000 ✓	8.939	< 13.000 ✓	8.457	< 13.000 ✓
710	3.221	5.140	0.470	0.044	12.733	< 13.000 ✓	8.831	< 13.000 ✓	8.405	< 13.000 ✓
711	3.163	5.131	0.407	0.038	12.638	< 13.000 ✓	8.700	< 13.000 ✓	8.332	< 13.000 ✓
712	3.105	5.121	0.344	0.031	12.541	< 13.000 ✓	8.571	< 13.000 ✓	8.258	< 13.000 ✓
713	3.060	5.113	0.283	0.025	12.464	< 13.000 ✓	8.455	< 13.000 ✓	8.197	< 13.000 ✓
714	3.035	5.105	0.223	0.019	12.418	< 13.000 ✓	8.364	< 13.000 ✓	8.159	< 13.000 ✓
715	3.036	5.099	0.164	0.013	12.408	< 13.000 ✓	8.299	< 13.000 ✓	8.147	< 13.000 ✓
716	3.059	5.093	0.105	0.007	12.431	< 13.000 ✓	8.257	< 13.000 ✓	8.158	< 13.000 ✓
717	3.095	5.089	0.076	0.000	12.475	< 13.000 ✓	8.259	< 13.000 ✓	8.184	< 13.000 ✓
718	3.129	5.084	0.108	0.007	12.514	< 13.000 ✓	8.320	< 13.000 ✓	8.219	< 13.000 ✓



ZEMİN GERİLMESİNİN, ZEMİN TAŞIMA GÜCÜ TASARIM GERİLMESİNE GÖRE KONTROLU t/m²

Nokta	G	Q	E	W	1.4 G + 1.6 Q		G + Q + E		G + Q + W	
719	3.146	5.078	0.174	0.014	12.530	< 13.000 ✓	8.398	< 13.000 ✓	8.238	< 13.000 ✓
720	3.153	5.072	0.240	0.021	12.528	< 13.000 ✓	8.465	< 13.000 ✓	8.245	< 13.000 ✓
721	3.260	5.149	0.536	0.051	12.803	< 13.000 ✓	8.946	< 13.000 ✓	8.461	< 13.000 ✓
722	3.223	5.141	0.473	0.045	12.738	< 13.000 ✓	8.837	< 13.000 ✓	8.409	< 13.000 ✓
723	3.170	5.132	0.410	0.038	12.648	< 13.000 ✓	8.711	< 13.000 ✓	8.340	< 13.000 ✓
724	3.119	5.123	0.347	0.032	12.562	< 13.000 ✓	8.589	< 13.000 ✓	8.273	< 13.000 ✓
725	3.082	5.114	0.286	0.025	12.498	< 13.000 ✓	8.483	< 13.000 ✓	8.222	< 13.000 ✓
726	3.069	5.107	0.227	0.019	12.468	< 13.000 ✓	8.402	< 13.000 ✓	8.195	< 13.000 ✓
727	3.078	5.101	0.167	0.013	12.472	< 13.000 ✓	8.347	< 13.000 ✓	8.193	< 13.000 ✓
728	3.107	5.096	0.107	0.007	12.503	< 13.000 ✓	8.310	< 13.000 ✓	8.210	< 13.000 ✓
729	3.143	5.091	0.079	0.000	12.546	< 13.000 ✓	8.313	< 13.000 ✓	8.234	< 13.000 ✓
730	3.160	5.086	0.110	0.007	12.561	< 13.000 ✓	8.356	< 13.000 ✓	8.253	< 13.000 ✓
731	3.163	5.079	0.176	0.014	12.555	< 13.000 ✓	8.417	< 13.000 ✓	8.256	< 13.000 ✓
732	3.263	5.150	0.540	0.052	12.808	< 13.000 ✓	8.953	< 13.000 ✓	8.465	< 13.000 ✓
733	3.227	5.141	0.476	0.045	12.744	< 13.000 ✓	8.845	< 13.000 ✓	8.414	< 13.000 ✓
734	3.179	5.132	0.413	0.039	12.662	< 13.000 ✓	8.724	< 13.000 ✓	8.350	< 13.000 ✓
735	3.135	5.124	0.351	0.032	12.588	< 13.000 ✓	8.610	< 13.000 ✓	8.291	< 13.000 ✓
736	3.109	5.116	0.290	0.026	12.538	< 13.000 ✓	8.515	< 13.000 ✓	8.251	< 13.000 ✓
737	3.105	5.109	0.230	0.020	12.522	< 13.000 ✓	8.444	< 13.000 ✓	8.234	< 13.000 ✓
738	3.122	5.104	0.170	0.013	12.537	< 13.000 ✓	8.396	< 13.000 ✓	8.239	< 13.000 ✓
739	3.151	5.099	0.109	0.007	12.570	< 13.000 ✓	8.360	< 13.000 ✓	8.257	< 13.000 ✓
740	3.178	5.094	0.082	0.000	12.599	< 13.000 ✓	8.354	< 13.000 ✓	8.272	< 13.000 ✓
741	3.173	5.087	0.111	0.007	12.582	< 13.000 ✓	8.371	< 13.000 ✓	8.267	< 13.000 ✓
742	3.267	5.150	0.543	0.052	12.814	< 13.000 ✓	8.960	< 13.000 ✓	8.469	< 13.000 ✓
743	3.232	5.142	0.480	0.046	12.753	< 13.000 ✓	8.854	< 13.000 ✓	8.420	< 13.000 ✓
744	3.189	5.134	0.416	0.039	12.679	< 13.000 ✓	8.739	< 13.000 ✓	8.362	< 13.000 ✓
745	3.154	5.125	0.354	0.033	12.617	< 13.000 ✓	8.634	< 13.000 ✓	8.312	< 13.000 ✓
746	3.138	5.118	0.294	0.026	12.582	< 13.000 ✓	8.550	< 13.000 ✓	8.282	< 13.000 ✓
747	3.142	5.112	0.234	0.020	12.578	< 13.000 ✓	8.488	< 13.000 ✓	8.274	< 13.000 ✓
748	3.162	5.106	0.173	0.014	12.597	< 13.000 ✓	8.442	< 13.000 ✓	8.282	< 13.000 ✓
749	3.183	5.101	0.111	0.007	12.618	< 13.000 ✓	8.396	< 13.000 ✓	8.291	< 13.000 ✓
750	3.185	5.095	0.084	0.000	12.610	< 13.000 ✓	8.363	< 13.000 ✓	8.279	< 13.000 ✓
752	3.270	5.151	0.546	0.053	12.820	< 13.000 ✓	8.967	< 13.000 ✓	8.474	< 13.000 ✓
753	3.238	5.143	0.483	0.046	12.763	< 13.000 ✓	8.864	< 13.000 ✓	8.427	< 13.000 ✓
754	3.202	5.135	0.420	0.039	12.698	< 13.000 ✓	8.756	< 13.000 ✓	8.376	< 13.000 ✓
755	3.176	5.127	0.358	0.033	12.649	< 13.000 ✓	8.661	< 13.000 ✓	8.335	< 13.000 ✓
756	3.168	5.120	0.298	0.027	12.627	< 13.000 ✓	8.586	< 13.000 ✓	8.315	< 13.000 ✓
757	3.177	5.114	0.237	0.020	12.631	< 13.000 ✓	8.529	< 13.000 ✓	8.312	< 13.000 ✓
758	3.193	5.109	0.176	0.014	12.644	< 13.000 ✓	8.477	< 13.000 ✓	8.315	< 13.000 ✓
759	3.196	5.102	0.112	0.007	12.639	< 13.000 ✓	8.411	< 13.000 ✓	8.306	< 13.000 ✓
760	3.274	5.152	0.550	0.053	12.826	< 13.000 ✓	8.975	< 13.000 ✓	8.479	< 13.000 ✓
761	3.245	5.144	0.487	0.046	12.773	< 13.000 ✓	8.876	< 13.000 ✓	8.435	< 13.000 ✓
762	3.215	5.136	0.424	0.040	12.719	< 13.000 ✓	8.775	< 13.000 ✓	8.391	< 13.000 ✓
763	3.198	5.129	0.362	0.033	12.683	< 13.000 ✓	8.689	< 13.000 ✓	8.360	< 13.000 ✓
764	3.197	5.122	0.302	0.027	12.671	< 13.000 ✓	8.621	< 13.000 ✓	8.346	< 13.000 ✓
765	3.206	5.116	0.240	0.021	12.674	< 13.000 ✓	8.563	< 13.000 ✓	8.343	< 13.000 ✓
766	3.209	5.110	0.177	0.014	12.669	< 13.000 ✓	8.497	< 13.000 ✓	8.333	< 13.000 ✓
767	3.277	5.153	0.553	0.053	12.832	< 13.000 ✓	8.983	< 13.000 ✓	8.483	< 13.000 ✓
769	3.252	5.145	0.490	0.047	12.785	< 13.000 ✓	8.887	< 13.000 ✓	8.444	< 13.000 ✓
770	3.229	5.137	0.428	0.040	12.741	< 13.000 ✓	8.795	< 13.000 ✓	8.407	< 13.000 ✓
771	3.220	5.130	0.367	0.034	12.716	< 13.000 ✓	8.717	< 13.000 ✓	8.384	< 13.000 ✓
772	3.221	5.124	0.306	0.028	12.708	< 13.000 ✓	8.651	< 13.000 ✓	8.373	< 13.000 ✓
773	3.222	5.118	0.243	0.021	12.700	< 13.000 ✓	8.583	< 13.000 ✓	8.361	< 13.000 ✓
774	3.281	5.153	0.557	0.054	12.839	< 13.000 ✓	8.991	< 13.000 ✓	8.489	< 13.000 ✓
775	3.260	5.146	0.494	0.047	12.797	< 13.000 ✓	8.900	< 13.000 ✓	8.453	< 13.000 ✓
776	3.244	5.139	0.432	0.041	12.763	< 13.000 ✓	8.815	< 13.000 ✓	8.423	< 13.000 ✓
777	3.239	5.132	0.371	0.034	12.745	< 13.000 ✓	8.741	< 13.000 ✓	8.405	< 13.000 ✓
778	3.236	5.126	0.308	0.028	12.732	< 13.000 ✓	8.670	< 13.000 ✓	8.390	< 13.000 ✓
779	3.285	5.154	0.560	0.054	12.846	< 13.000 ✓	9.000	< 13.000 ✓	8.494	< 13.000 ✓
780	3.268	5.147	0.498	0.048	12.810	< 13.000 ✓	8.913	< 13.000 ✓	8.463	< 13.000 ✓
781	3.257	5.140	0.436	0.041	12.784	< 13.000 ✓	8.833	< 13.000 ✓	8.438	< 13.000 ✓
782	3.251	5.133	0.374	0.035	12.765	< 13.000 ✓	8.758	< 13.000 ✓	8.419	< 13.000 ✓
783	3.290	5.155	0.564	0.055	12.853	< 13.000 ✓	9.008	< 13.000 ✓	8.499	< 13.000 ✓
784	3.276	5.148	0.501	0.048	12.823	< 13.000 ✓	8.925	< 13.000 ✓	8.472	< 13.000 ✓
785	3.266	5.141	0.440	0.042	12.798	< 13.000 ✓	8.847	< 13.000 ✓	8.449	< 13.000 ✓
786	3.294	5.156	0.567	0.055	12.861	< 13.000 ✓	9.017	< 13.000 ✓	8.505	< 13.000 ✓
787	3.288	5.153	0.541	0.052	12.847	< 13.000 ✓	8.981	< 13.000 ✓	8.493	< 13.000 ✓
788	3.282	5.149	0.505	0.049	12.833	< 13.000 ✓	8.936	< 13.000 ✓	8.479	< 13.000 ✓
789	3.298	5.157	0.570	0.056	12.868	< 13.000 ✓	9.025	< 13.000 ✓	8.511	< 13.000 ✓
Gz min	2.774	5.042	0.298	0.000	11.974		7.881		7.836	
Gz max	3.298	5.157	4.562	0.056	12.868		9.025		8.511	
Gz ort	3.026	5.084	2.402	0.027	12.371		8.410		8.137	777 adet

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 136		
PROJE : havuz												(HAVUZ40.ST4)				
NOKTA DEPLASMANLARI mm																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	
1	6.113	9.855	9.926	9.683	9.693	9.934	9.827	0.000	8.109	8.194	0.602	0.591	0.109	0.000	2.344	
2	6.126	9.871	9.919	9.701	9.711	9.929	9.841	0.000	7.097	7.172	0.600	0.590	0.096	0.000	2.352	
3	6.141	9.887	9.913	9.718	9.728	9.923	9.855	0.000	6.084	6.149	0.598	0.590	0.082	0.000	2.361	
4	6.105	9.854	9.925	9.683	9.693	9.934	9.827	0.000	8.061	8.143	0.574	0.564	0.108	0.000	2.339	
5	6.111	9.861	9.923	9.690	9.700	9.932	9.833	0.000	7.655	7.733	0.579	0.569	0.103	0.000	2.343	
6	6.115	9.870	9.919	9.700	9.710	9.929	9.841	0.000	7.048	7.120	0.572	0.563	0.095	0.000	2.345	
7	6.157	9.904	9.906	9.735	9.746	9.918	9.869	0.000	5.071	5.126	0.596	0.589	0.068	0.000	2.370	
8	6.124	9.886	9.912	9.718	9.728	9.923	9.854	0.000	6.036	6.098	0.569	0.561	0.081	0.000	2.351	
9	6.097	9.853	9.925	9.683	9.693	9.934	9.827	0.000	8.013	8.091	0.546	0.536	0.108	0.000	2.334	
10	6.101	9.869	9.918	9.700	9.710	9.929	9.840	0.000	6.995	7.064	0.543	0.535	0.094	0.000	2.337	
11	6.133	9.903	9.906	9.735	9.745	9.917	9.868	0.000	5.025	5.078	0.567	0.560	0.068	0.000	2.356	
12	6.174	9.920	9.900	9.753	9.763	9.912	9.883	0.000	4.056	4.100	0.594	0.589	0.055	0.000	2.380	
13	6.100	9.885	9.911	9.718	9.728	9.923	9.854	0.000	5.980	6.039	0.540	0.532	0.080	0.000	2.336	
14	6.089	9.853	9.924	9.683	9.693	9.934	9.826	0.000	7.964	8.038	0.519	0.509	0.107	0.000	2.330	
15	6.086	9.868	9.918	9.700	9.710	9.928	9.840	0.000	6.942	7.008	0.515	0.507	0.093	0.000	2.328	
16	6.145	9.919	9.899	9.753	9.763	9.912	9.882	0.000	4.016	4.059	0.564	0.559	0.054	0.000	2.363	
17	6.097	9.901	9.905	9.735	9.745	9.917	9.867	0.000	4.970	5.020	0.536	0.530	0.067	0.000	2.335	
18	6.192	9.937	9.893	9.770	9.780	9.907	9.897	0.000	3.041	3.074	0.593	0.588	0.041	0.000	2.391	
19	6.072	9.884	9.911	9.718	9.728	9.922	9.853	0.000	5.923	5.980	0.510	0.503	0.079	0.000	2.319	
20	6.082	9.852	9.924	9.683	9.692	9.934	9.826	0.000	7.914	7.985	0.491	0.482	0.106	0.000	2.325	
21	6.072	9.867	9.917	9.700	9.710	9.928	9.840	0.000	6.889	6.952	0.487	0.479	0.092	0.000	2.319	
22	6.160	9.935	9.893	9.770	9.780	9.906	9.896	0.000	3.010	3.042	0.563	0.558	0.041	0.000	2.372	
23	6.099	9.917	9.898	9.753	9.763	9.911	9.881	0.000	3.966	4.007	0.533	0.528	0.053	0.000	2.335	
24	6.056	9.899	9.904	9.736	9.745	9.916	9.866	0.000	4.913	4.961	0.505	0.499	0.066	0.000	2.310	
25	6.212	9.953	9.887	9.787	9.797	9.901	9.911	0.000	2.028	2.049	0.591	0.588	0.027	0.000	2.403	
26	6.045	9.882	9.910	9.718	9.727	9.922	9.853	0.000	5.868	5.922	0.481	0.474	0.078	0.000	2.303	
27	6.075	9.851	9.923	9.683	9.692	9.934	9.826	0.000	7.864	7.932	0.463	0.454	0.105	0.000	2.321	
28	6.058	9.866	9.917	9.700	9.710	9.928	9.839	0.000	6.838	6.898	0.459	0.451	0.091	0.000	2.311	
29	6.106	9.933	9.891	9.770	9.780	9.905	9.894	0.000	2.969	3.000	0.530	0.526	0.040	0.000	2.339	
30	6.180	9.951	9.886	9.787	9.797	9.901	9.910	0.000	2.007	2.028	0.561	0.559	0.027	0.000	2.384	
31	6.043	9.914	9.897	9.753	9.762	9.910	9.880	0.000	3.914	3.953	0.501	0.496	0.052	0.000	2.302	
32	6.013	9.897	9.903	9.736	9.745	9.916	9.865	0.000	4.858	4.904	0.475	0.469	0.065	0.000	2.284	
33	6.232	9.969	9.880	9.805	9.815	9.896	9.924	0.000	1.016	1.027	0.590	0.589	0.014	0.000	2.416	
34	6.019	9.881	9.909	9.718	9.727	9.922	9.852	0.000	5.815	5.867	0.452	0.445	0.077	0.000	2.288	
35	6.068	9.851	9.923	9.683	9.692	9.935	9.826	0.000	7.814	7.878	0.435	0.427	0.104	0.000	2.317	
37	6.046	9.866	9.916	9.700	9.709	9.928	9.839	0.000	6.787	6.844	0.430	0.423	0.090	0.000	2.303	
38	6.121	9.949	9.885	9.787	9.797	9.900	9.908	0.000	1.978	1.998	0.529	0.526	0.027	0.000	2.349	
39	6.038	9.930	9.890	9.770	9.780	9.904	9.893	0.000	2.926	2.955	0.497	0.494	0.039	0.000	2.299	
40	6.207	9.968	9.880	9.804	9.814	9.895	9.924	0.000	1.007	1.017	0.561	0.559	0.014	0.000	2.400	
41	5.985	9.912	9.896	9.753	9.762	9.909	9.878	0.000	3.864	3.900	0.469	0.464	0.052	0.000	2.267	
42	5.973	9.895	9.902	9.736	9.745	9.915	9.864	0.000	4.807	4.850	0.445	0.439	0.064	0.000	2.260	
43	6.255	9.986	9.874	9.822	9.832	9.890	9.938	0.000	0.004	0.004	0.589	0.589	0.000	0.000	2.429	
44	5.996	9.880	9.909	9.718	9.727	9.921	9.852	0.000	5.765	5.814	0.423	0.417	0.077	0.000	2.274	
45	6.062	9.850	9.923	9.683	9.692	9.935	9.826	0.000	7.765	7.825	0.407	0.399	0.103	0.000	2.313	
46	6.035	9.865	9.916	9.700	9.709	9.928	9.839	0.000	6.737	6.791	0.402	0.396	0.089	0.000	2.297	
47	6.043	9.945	9.884	9.787	9.797	9.899	9.906	0.000	1.947	1.966	0.495	0.492	0.026	0.000	2.302	
48	6.145	9.965	9.879	9.804	9.814	9.894	9.922	0.000	0.991	1.001	0.528	0.527	0.013	0.000	2.363	
49	5.966	9.926	9.889	9.770	9.779	9.903	9.891	0.000	2.884	2.911	0.464	0.461	0.038	0.000	2.255	
50	6.242	9.985	9.873	9.822	9.832	9.890	9.938	0.000	0.004	0.004	0.561	0.561	0.000	0.000	2.421	
51	5.929	9.909	9.895	9.753	9.762	9.908	9.877	0.000	3.817	3.852	0.438	0.433	0.051	0.000	2.233	
52	5.936	9.893	9.901	9.736	9.745	9.915	9.864	0.000	4.759	4.800	0.415	0.410	0.063	0.000	2.238	
54	6.278	10.002	9.868	9.839	9.849	9.885	9.952	0.000	-1.007	-1.018	0.588	0.590	-0.014	0.000	2.443	
55	5.976	9.879	9.908	9.718	9.727	9.921	9.851	0.000	5.717	5.763	0.395	0.389	0.076	0.000	2.262	
56	6.056	9.850	9.922	9.683	9.692	9.935	9.826	0.000	7.717	7.773	0.379	0.372	0.102	0.000	2.310	
57	6.025	9.864	9.915	9.700	9.709	9.928	9.839	0.000	6.690	6.740	0.375	0.368	0.089	0.000	2.291	
58	6.058	9.961	9.877	9.804	9.814	9.893	9.920	0.000	0.974	0.984	0.493	0.492	0.013	0.000	2.311	
59	5.958	9.942	9.882	9.787	9.796	9.897	9.904	0.000	1.916	1.935	0.461	0.458	0.026	0.000	2.251	
60	6.173	9.981	9.872													

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 137	
PROJE : havuz												(HAVUZ40.ST4)			
NOKTA DEPLASMANLARI mm															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
86	5.774	9.918	9.886	9.771	9.779	9.900	9.886	0.000	2.777	2.800	0.370	0.367	0.037	0.000	2.140
87	6.296	10.033	9.854	9.873	9.883	9.873	9.979	0.000	-3.002	-3.033	0.558	0.562	-0.040	0.000	2.454
88	5.796	9.903	9.892	9.753	9.762	9.907	9.874	0.000	3.697	3.726	0.349	0.346	0.049	0.000	2.154
89	5.857	9.889	9.899	9.736	9.744	9.914	9.862	0.000	4.632	4.666	0.331	0.327	0.061	0.000	2.190
90	6.356	10.052	9.848	9.890	9.900	9.868	9.994	0.000	-4.047	-4.091	0.588	0.593	-0.055	0.000	2.490
91	5.937	9.876	9.907	9.718	9.727	9.921	9.851	0.000	5.587	5.625	0.313	0.309	0.073	0.000	2.238
92	6.039	9.848	9.921	9.683	9.692	9.935	9.827	0.000	7.586	7.631	0.297	0.292	0.100	0.000	2.300
93	6.012	9.863	9.914	9.700	9.709	9.929	9.839	0.000	6.562	6.602	0.294	0.289	0.086	0.000	2.283
94	6.038	9.855	9.919	9.690	9.699	9.933	9.832	0.000	7.162	7.205	0.294	0.289	0.094	0.000	2.299
95	5.788	9.949	9.873	9.804	9.813	9.889	9.913	0.000	0.929	0.938	0.392	0.391	0.012	0.000	2.149
96	5.885	9.969	9.868	9.821	9.830	9.885	9.928	0.000	0.003	0.003	0.423	0.423	0.000	0.000	2.207
97	6.008	9.989	9.863	9.838	9.847	9.881	9.945	0.000	-0.951	-0.960	0.457	0.458	-0.013	0.000	2.280
98	6.132	10.010	9.858	9.855	9.864	9.877	9.961	0.000	-1.940	-1.959	0.492	0.494	-0.026	0.000	2.355
99	5.733	9.932	9.879	9.787	9.796	9.894	9.898	0.000	1.840	1.855	0.364	0.362	0.024	0.000	2.116
100	6.241	10.030	9.853	9.872	9.882	9.872	9.977	0.000	-2.962	-2.992	0.526	0.530	-0.040	0.000	2.420
101	5.726	9.916	9.885	9.771	9.779	9.900	9.885	0.000	2.747	2.769	0.342	0.339	0.036	0.000	2.112
102	6.327	10.050	9.847	9.890	9.900	9.868	9.993	0.000	-4.008	-4.050	0.558	0.563	-0.054	0.000	2.472
103	5.766	9.902	9.892	9.753	9.761	9.906	9.873	0.000	3.663	3.690	0.322	0.318	0.048	0.000	2.135
104	5.840	9.889	9.899	9.736	9.744	9.914	9.862	0.000	4.595	4.627	0.304	0.300	0.060	0.000	2.180
105	6.385	10.068	9.841	9.907	9.918	9.862	10.008	0.000	-5.062	-5.117	0.588	0.595	-0.068	0.000	2.507
106	5.929	9.876	9.907	9.718	9.726	9.922	9.851	0.000	5.549	5.584	0.287	0.283	0.073	0.000	2.233
107	6.039	9.848	9.921	9.683	9.692	9.935	9.827	0.000	7.582	7.627	0.295	0.289	0.100	0.000	2.299
108	6.000	9.863	9.914	9.701	9.709	9.929	9.840	0.000	6.524	6.561	0.267	0.262	0.086	0.000	2.276
109	5.799	9.965	9.867	9.821	9.829	9.883	9.926	0.000	0.003	0.003	0.390	0.390	0.000	0.000	2.155
110	5.715	9.946	9.872	9.804	9.812	9.888	9.911	0.000	0.917	0.925	0.361	0.360	0.012	0.000	2.105
111	5.916	9.985	9.862	9.838	9.846	9.879	9.942	0.000	-0.937	-0.945	0.423	0.424	-0.012	0.000	2.225
112	6.047	10.006	9.857	9.855	9.864	9.875	9.959	0.000	-1.910	-1.928	0.458	0.460	-0.025	0.000	2.304
113	6.172	10.027	9.852	9.872	9.881	9.871	9.975	0.000	-2.919	-2.947	0.493	0.497	-0.039	0.000	2.379
114	5.677	9.929	9.878	9.787	9.795	9.893	9.897	0.000	1.819	1.834	0.335	0.333	0.024	0.000	2.082
115	6.279	10.047	9.847	9.889	9.899	9.867	9.992	0.000	-3.959	-3.999	0.527	0.532	-0.053	0.000	2.443
116	5.687	9.914	9.884	9.771	9.778	9.899	9.884	0.000	2.720	2.741	0.314	0.311	0.036	0.000	2.088
117	6.361	10.066	9.841	9.907	9.917	9.862	10.007	0.000	-5.017	-5.069	0.559	0.565	-0.067	0.000	2.492
118	5.741	9.901	9.891	9.753	9.761	9.906	9.872	0.000	3.631	3.657	0.295	0.292	0.048	0.000	2.120
119	5.825	9.888	9.899	9.736	9.744	9.914	9.862	0.000	4.561	4.591	0.278	0.274	0.060	0.000	2.171
120	6.415	10.084	9.835	9.925	9.935	9.857	10.022	0.000	-6.076	-6.141	0.588	0.596	-0.082	0.000	2.525
121	5.917	9.875	9.906	9.718	9.726	9.922	9.851	0.000	5.514	5.546	0.260	0.256	0.072	0.000	2.226
122	6.035	9.848	9.921	9.683	9.692	9.936	9.827	0.000	7.548	7.589	0.270	0.265	0.099	0.000	2.297
123	5.990	9.862	9.914	9.701	9.709	9.929	9.840	0.000	6.489	6.522	0.240	0.236	0.085	0.000	2.270
124	5.724	9.961	9.865	9.821	9.829	9.882	9.924	0.000	0.003	0.003	0.359	0.359	0.000	0.000	2.110
125	5.832	9.981	9.860	9.838	9.846	9.878	9.940	0.000	-0.924	-0.932	0.390	0.391	-0.012	0.000	2.175
126	5.654	9.943	9.871	9.804	9.812	9.887	9.909	0.000	0.907	0.914	0.331	0.330	0.012	0.000	2.068
127	5.963	10.002	9.856	9.854	9.863	9.874	9.956	0.000	-1.882	-1.899	0.425	0.427	-0.025	0.000	2.254
128	6.099	10.023	9.851	9.872	9.881	9.870	9.973	0.000	-2.877	-2.905	0.460	0.464	-0.038	0.000	2.335
129	6.222	10.044	9.846	9.889	9.898	9.866	9.990	0.000	-3.907	-3.945	0.495	0.500	-0.052	0.000	2.409
130	5.630	9.927	9.877	9.787	9.795	9.892	9.896	0.000	1.800	1.814	0.307	0.306	0.024	0.000	2.054
131	6.324	10.064	9.840	9.907	9.916	9.862	10.006	0.000	-4.962	-5.012	0.529	0.535	-0.067	0.000	2.470
132	5.655	9.913	9.884	9.771	9.778	9.899	9.883	0.000	2.695	2.714	0.287	0.285	0.035	0.000	2.069
133	6.397	10.083	9.834	9.924	9.934	9.857	10.022	0.000	-6.027	-6.090	0.560	0.568	-0.081	0.000	2.514
134	5.720	9.900	9.891	9.753	9.761	9.906	9.872	0.000	3.602	3.626	0.269	0.266	0.047	0.000	2.108
135	5.811	9.887	9.898	9.736	9.744	9.914	9.862	0.000	4.530	4.557	0.252	0.249	0.059	0.000	2.162
136	6.446	10.101	9.828	9.942	9.952	9.851	10.036	0.000	-7.088	-7.163	0.588	0.598	-0.095	0.000	2.543
137	5.905	9.875	9.906	9.719	9.727	9.922	9.851	0.000	5.482	5.510	0.234	0.230	0.072	0.000	2.219
138	6.030	9.848	9.921	9.683	9.692	9.936	9.827	0.000	7.514	7.551	0.243	0.239	0.099	0.000	2.294
139	5.983	9.862	9.913	9.701	9.709	9.929	9.840	0.000	6.458	6.488	0.213	0.209	0.084	0.000	2.266
140	5.660	9.959	9.864	9.821	9.828	9.881	9.922	0.000	0.002	0.002	0.329	0.329	0.000	0.000	2.072
141	5.759	9.978	9.859	9.837	9.845	9.877	9.938	0.000	-0.912	-0.920	0.359	0.360	-0.012	0.000	2.131
142	5.887	9.998	9.855	9.854	9.862	9.873	9.954	0.000	-1.857	-1.874	0.393	0.395	-0.025	0.000	2.208
143															

FİRMA : ESREF KORHAN											18-12-2025		SAYFA: 138		
PROJE : havuz											(HAVUZ40.ST4)				
NOKTA DEPLASMANLARI mm															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
169	5.687	9.898	9.890	9.754	9.761	9.906	9.872	0.000	3.551	3.571	0.218	0.216	0.046	0.000	2.088
170	5.787	9.886	9.898	9.736	9.744	9.914	9.862	0.000	4.475	4.496	0.200	0.198	0.058	0.000	2.148
171	6.469	10.116	9.821	9.958	9.968	9.846	10.050	0.000	-8.053	-8.134	0.562	0.572	-0.108	0.000	2.557
172	5.890	9.875	9.905	9.719	9.727	9.922	9.852	0.000	5.426	5.449	0.181	0.178	0.071	0.000	2.210
173	6.023	9.848	9.920	9.684	9.692	9.936	9.828	0.000	7.455	7.484	0.189	0.185	0.098	0.000	2.290
174	5.975	9.862	9.913	9.702	9.710	9.930	9.841	0.000	6.406	6.428	0.159	0.156	0.083	0.000	2.261
175	5.764	9.993	9.853	9.854	9.862	9.872	9.951	0.000	-1.814	-1.829	0.333	0.335	-0.024	0.000	2.134
176	5.646	9.973	9.858	9.837	9.845	9.875	9.935	0.000	-0.892	-0.899	0.302	0.303	-0.012	0.000	2.063
177	5.564	9.954	9.863	9.821	9.828	9.880	9.920	0.000	0.002	0.002	0.275	0.275	0.000	0.000	2.014
178	5.905	10.014	9.848	9.871	9.879	9.868	9.968	0.000	-2.771	-2.795	0.367	0.370	-0.037	0.000	2.219
179	6.055	10.035	9.843	9.888	9.896	9.864	9.985	0.000	-3.768	-3.801	0.402	0.407	-0.050	0.000	2.309
180	5.528	9.938	9.869	9.804	9.811	9.885	9.906	0.000	0.880	0.885	0.251	0.250	0.011	0.000	1.992
181	6.196	10.057	9.838	9.905	9.914	9.860	10.002	0.000	-4.801	-4.844	0.438	0.444	-0.064	0.000	2.393
182	6.315	10.078	9.833	9.923	9.932	9.856	10.019	0.000	-5.861	-5.915	0.473	0.480	-0.078	0.000	2.465
183	6.403	10.097	9.827	9.941	9.950	9.851	10.035	0.000	-6.934	-7.000	0.505	0.514	-0.093	0.000	2.518
184	5.538	9.923	9.875	9.788	9.795	9.892	9.894	0.000	1.752	1.763	0.230	0.229	0.023	0.000	1.998
185	6.461	10.115	9.821	9.958	9.968	9.846	10.050	0.000	-8.005	-8.083	0.535	0.544	-0.107	0.000	2.552
186	5.591	9.910	9.882	9.771	9.778	9.898	9.883	0.000	2.632	2.647	0.211	0.209	0.034	0.000	2.030
187	5.676	9.898	9.890	9.754	9.761	9.906	9.872	0.000	3.529	3.546	0.193	0.191	0.046	0.000	2.081
188	5.780	9.886	9.897	9.737	9.744	9.914	9.862	0.000	4.451	4.470	0.175	0.173	0.058	0.000	2.144
189	5.886	9.875	9.905	9.719	9.727	9.922	9.852	0.000	5.403	5.422	0.155	0.152	0.070	0.000	2.207
190	6.020	9.848	9.920	9.685	9.693	9.937	9.829	0.000	7.430	7.455	0.162	0.159	0.097	0.000	2.288
191	5.973	9.863	9.913	9.702	9.710	9.930	9.842	0.000	6.385	6.403	0.132	0.130	0.083	0.000	2.259
192	5.717	9.990	9.852	9.854	9.861	9.871	9.950	0.000	-1.796	-1.809	0.305	0.307	-0.023	0.000	2.106
193	5.857	10.011	9.847	9.871	9.879	9.867	9.967	0.000	-2.742	-2.764	0.338	0.341	-0.036	0.000	2.190
194	5.604	9.971	9.857	9.837	9.845	9.875	9.934	0.000	-0.884	-0.890	0.275	0.276	-0.012	0.000	2.038
195	5.530	9.953	9.862	9.821	9.828	9.880	9.919	0.000	0.002	0.002	0.249	0.249	0.000	0.000	1.994
196	6.010	10.033	9.842	9.888	9.896	9.864	9.984	0.000	-3.728	-3.759	0.373	0.377	-0.049	0.000	2.281
197	6.158	10.055	9.837	9.905	9.914	9.860	10.002	0.000	-4.753	-4.794	0.409	0.414	-0.063	0.000	2.371
198	5.502	9.937	9.868	9.804	9.811	9.885	9.906	0.000	0.872	0.877	0.226	0.225	0.011	0.000	1.977
199	6.288	10.076	9.832	9.923	9.932	9.856	10.019	0.000	-5.809	-5.860	0.444	0.451	-0.077	0.000	2.449
200	6.388	10.096	9.827	9.940	9.950	9.851	10.035	0.000	-6.882	-6.945	0.477	0.485	-0.092	0.000	2.509
201	6.453	10.114	9.821	9.958	9.967	9.846	10.050	0.000	-7.956	-8.030	0.507	0.517	-0.107	0.000	2.547
202	5.519	9.922	9.875	9.788	9.795	9.891	9.894	0.000	1.739	1.749	0.206	0.204	0.022	0.000	1.987
203	5.578	9.909	9.882	9.771	9.778	9.899	9.883	0.000	2.615	2.628	0.187	0.185	0.034	0.000	2.022
204	5.668	9.898	9.889	9.754	9.761	9.906	9.872	0.000	3.509	3.524	0.169	0.167	0.045	0.000	2.076
205	5.775	9.886	9.897	9.737	9.744	9.914	9.863	0.000	4.430	4.446	0.150	0.147	0.057	0.000	2.141
206	5.884	9.875	9.905	9.720	9.727	9.923	9.853	0.000	5.383	5.399	0.129	0.127	0.070	0.000	2.206
207	6.018	9.849	9.920	9.685	9.693	9.937	9.830	0.000	7.408	7.429	0.134	0.132	0.097	0.000	2.287
209	5.972	9.863	9.913	9.703	9.710	9.931	9.843	0.000	6.367	6.382	0.106	0.104	0.083	0.000	2.259
210	5.679	9.989	9.851	9.854	9.861	9.870	9.949	0.000	-1.779	-1.791	0.279	0.280	-0.023	0.000	2.083
211	5.817	10.009	9.846	9.871	9.878	9.867	9.966	0.000	-2.716	-2.736	0.311	0.313	-0.036	0.000	2.166
212	5.972	10.031	9.842	9.888	9.896	9.863	9.983	0.000	-3.692	-3.721	0.345	0.349	-0.049	0.000	2.259
213	5.571	9.969	9.856	9.837	9.844	9.875	9.933	0.000	-0.876	-0.882	0.250	0.251	-0.011	0.000	2.018
214	5.503	9.952	9.862	9.821	9.828	9.879	9.919	0.000	0.002	0.002	0.224	0.224	0.000	0.000	1.977
215	6.126	10.053	9.837	9.905	9.913	9.859	10.001	0.000	-4.708	-4.747	0.381	0.385	-0.062	0.000	2.351
216	6.265	10.074	9.832	9.922	9.931	9.855	10.018	0.000	-5.759	-5.808	0.416	0.422	-0.076	0.000	2.435
217	5.482	9.936	9.868	9.804	9.811	9.885	9.905	0.000	0.865	0.870	0.202	0.201	0.011	0.000	1.965
218	6.374	10.095	9.826	9.940	9.949	9.851	10.034	0.000	-6.831	-6.891	0.450	0.457	-0.091	0.000	2.500
219	6.445	10.114	9.820	9.957	9.967	9.846	10.050	0.000	-7.907	-7.978	0.480	0.489	-0.106	0.000	2.543
220	5.505	9.922	9.874	9.788	9.795	9.891	9.894	0.000	1.727	1.736	0.182	0.181	0.022	0.000	1.979
221	5.569	9.909	9.882	9.771	9.778	9.899	9.883	0.000	2.599	2.610	0.163	0.161	0.033	0.000	2.017
222	5.663	9.898	9.889	9.754	9.761	9.906	9.873	0.000	3.491	3.504	0.144	0.142	0.045	0.000	2.073
223	5.774	9.887	9.897	9.737	9.745	9.915	9.863	0.000	4.412	4.426	0.124	0.123	0.057	0.000	2.140
224	5.885	9.875	9.905	9.720	9.728	9.923	9.854	0.000	5.366	5.379	0.103	0.101	0.069	0.000	2.207
225	6.016	9.849	9.920	9.686	9.693	9.938	9.830	0.000	7.390	7.407	0.107	0.105	0.096	0.000	2.285
226	5.972	9.864	9.913	9.703	9.711	9.931	9.844	0.000							

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 139	
PROJE : havuz												(HAVUZ40.ST4)			
NOKTA DEPLASMANLARI mm															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
253	5.457	9.935	9.867	9.805	9.811	9.885	9.906	0.000	0.853	0.857	0.155	0.155	0.011	0.000	1.950
255	5.491	9.921	9.874	9.788	9.795	9.892	9.894	0.000	1.707	1.713	0.135	0.134	0.022	0.000	1.970
256	5.563	9.909	9.881	9.772	9.778	9.899	9.884	0.000	2.573	2.581	0.116	0.114	0.033	0.000	2.013
257	5.664	9.898	9.889	9.755	9.762	9.907	9.874	0.000	3.462	3.471	0.096	0.094	0.044	0.000	2.074
258	5.782	9.888	9.897	9.738	9.745	9.916	9.865	0.000	4.383	4.392	0.074	0.073	0.056	0.000	2.145
259	5.898	9.877	9.905	9.721	9.729	9.925	9.856	0.000	5.341	5.348	0.051	0.050	0.069	0.000	2.214
260	6.013	9.850	9.920	9.687	9.694	9.939	9.832	0.000	7.367	7.375	0.053	0.052	0.096	0.000	2.284
261	5.986	9.865	9.913	9.705	9.712	9.933	9.846	0.000	6.336	6.340	0.026	0.026	0.082	0.000	2.268
262	5.737	10.005	9.845	9.870	9.878	9.866	9.964	0.000	-2.648	-2.664	0.234	0.236	-0.034	0.000	2.118
263	5.894	10.027	9.840	9.887	9.895	9.863	9.982	0.000	-3.599	-3.622	0.266	0.269	-0.047	0.000	2.212
264	6.060	10.049	9.835	9.905	9.913	9.859	10.000	0.000	-4.591	-4.623	0.300	0.304	-0.060	0.000	2.312
265	5.605	9.985	9.850	9.854	9.861	9.870	9.948	0.000	-1.736	-1.746	0.204	0.205	-0.022	0.000	2.038
266	6.213	10.071	9.830	9.922	9.930	9.855	10.017	0.000	-5.623	-5.664	0.334	0.339	-0.074	0.000	2.404
267	6.339	10.092	9.825	9.939	9.948	9.851	10.034	0.000	-6.684	-6.735	0.367	0.374	-0.088	0.000	2.479
268	5.509	9.966	9.855	9.837	9.844	9.874	9.932	0.000	-0.857	-0.861	0.178	0.178	-0.011	0.000	1.981
269	5.458	9.950	9.861	9.821	9.828	9.879	9.918	0.000	0.001	0.001	0.154	0.154	0.000	0.000	1.950
270	6.423	10.111	9.819	9.957	9.966	9.846	10.050	0.000	-7.759	-7.819	0.398	0.405	-0.103	0.000	2.530
271	5.451	9.935	9.867	9.805	9.811	9.885	9.906	0.000	0.848	0.852	0.132	0.132	0.011	0.000	1.946
272	5.489	9.921	9.874	9.789	9.795	9.892	9.895	0.000	1.698	1.704	0.112	0.111	0.022	0.000	1.969
273	5.565	9.910	9.881	9.772	9.779	9.900	9.885	0.000	2.562	2.569	0.092	0.091	0.033	0.000	2.014
274	5.670	9.899	9.889	9.755	9.762	9.908	9.875	0.000	3.451	3.458	0.071	0.071	0.044	0.000	2.077
275	5.791	9.888	9.897	9.739	9.746	9.917	9.866	0.000	4.374	4.379	0.049	0.049	0.056	0.000	2.150
276	5.911	9.878	9.905	9.722	9.729	9.925	9.857	0.000	5.334	5.337	0.026	0.025	0.069	0.000	2.222
277	6.012	9.851	9.920	9.688	9.695	9.939	9.833	0.000	7.361	7.366	0.027	0.026	0.096	0.000	2.283
278	6.003	9.867	9.913	9.705	9.712	9.934	9.848	0.000	6.334	6.334	0.000	0.000	0.082	0.000	2.278
279	5.720	10.005	9.845	9.870	9.877	9.866	9.964	0.000	-2.629	-2.644	0.209	0.211	-0.034	0.000	2.107
280	5.876	10.026	9.840	9.887	9.895	9.862	9.981	0.000	-3.572	-3.594	0.240	0.243	-0.046	0.000	2.201
281	6.045	10.048	9.835	9.904	9.912	9.859	9.999	0.000	-4.558	-4.587	0.274	0.277	-0.060	0.000	2.303
282	6.203	10.070	9.830	9.922	9.930	9.855	10.017	0.000	-5.583	-5.621	0.308	0.312	-0.073	0.000	2.398
283	5.591	9.984	9.850	9.854	9.861	9.870	9.948	0.000	-1.725	-1.733	0.180	0.182	-0.022	0.000	2.030
284	6.331	10.091	9.825	9.939	9.948	9.851	10.034	0.000	-6.639	-6.686	0.340	0.346	-0.088	0.000	2.474
285	6.416	10.110	9.819	9.956	9.965	9.846	10.050	0.000	-7.711	-7.768	0.371	0.378	-0.102	0.000	2.526
286	5.500	9.966	9.855	9.837	9.844	9.874	9.933	0.000	-0.852	-0.855	0.155	0.155	-0.011	0.000	1.975
287	5.452	9.949	9.861	9.821	9.828	9.880	9.919	0.000	0.001	0.001	0.131	0.131	0.000	0.000	1.947
288	5.449	9.935	9.867	9.805	9.811	9.886	9.906	0.000	0.844	0.847	0.110	0.110	0.011	0.000	1.945
289	5.490	9.922	9.874	9.789	9.795	9.893	9.895	0.000	1.691	1.695	0.089	0.089	0.022	0.000	1.970
290	5.569	9.910	9.881	9.772	9.779	9.900	9.885	0.000	2.554	2.559	0.069	0.068	0.033	0.000	2.017
291	5.677	9.899	9.889	9.756	9.763	9.909	9.876	0.000	3.443	3.448	0.048	0.047	0.044	0.000	2.082
292	5.801	9.889	9.897	9.739	9.746	9.917	9.867	0.000	4.367	4.370	0.025	0.024	0.056	0.000	2.156
293	5.922	9.879	9.906	9.723	9.730	9.926	9.859	0.000	5.331	5.331	0.000	0.000	0.069	0.000	2.229
294	6.012	9.852	9.920	9.688	9.696	9.940	9.835	0.000	7.361	7.361	0.000	0.000	0.096	0.000	2.283
295	5.987	9.867	9.913	9.706	9.713	9.934	9.848	0.000	6.339	6.335	-0.026	-0.026	0.082	0.000	2.268
297	5.707	10.004	9.844	9.870	9.877	9.866	9.964	0.000	-2.612	-2.625	0.185	0.187	-0.034	0.000	2.100
298	5.861	10.025	9.839	9.887	9.895	9.862	9.981	0.000	-3.548	-3.568	0.215	0.218	-0.046	0.000	2.192
299	6.030	10.048	9.835	9.904	9.912	9.859	9.999	0.000	-4.526	-4.553	0.248	0.251	-0.059	0.000	2.294
300	6.195	10.070	9.830	9.922	9.930	9.855	10.017	0.000	-5.545	-5.580	0.282	0.286	-0.073	0.000	2.393
301	6.326	10.091	9.824	9.939	9.948	9.851	10.034	0.000	-6.597	-6.641	0.314	0.320	-0.087	0.000	2.471
302	5.581	9.984	9.849	9.854	9.861	9.870	9.948	0.000	-1.714	-1.722	0.157	0.158	-0.022	0.000	2.024
303	6.410	10.110	9.819	9.956	9.965	9.846	10.050	0.000	-7.666	-7.719	0.344	0.351	-0.102	0.000	2.522
304	5.494	9.966	9.855	9.838	9.844	9.875	9.933	0.000	-0.847	-0.850	0.132	0.132	-0.011	0.000	1.972
305	5.450	9.949	9.861	9.821	9.828	9.880	9.919	0.000	0.001	0.001	0.109	0.109	0.000	0.000	1.945
306	5.450	9.935	9.867	9.805	9.812	9.886	9.907	0.000	0.840	0.842	0.088	0.087	0.011	0.000	1.946
307	5.494	9.922	9.874	9.789	9.795	9.893	9.896	0.000	1.685	1.688	0.067	0.067	0.021	0.000	1.972
308	5.575	9.911	9.881	9.773	9.779	9.901	9.886	0.000	2.547	2.551	0.046	0.045	0.032	0.000	2.021
309	5.684	9.900	9.889	9.756	9.763	9.909	9.877	0.000	3.438	3.440	0.024	0.023	0.044	0.000	2.086
310	5.807	9.890	9.898	9.740	9.747	9.918	9.869	0.000	4.365	4.365	0.000	0.000	0.056	0.000	2.160
311	5.911	9.880	9.906	9.723	9.730	9.927	9.860	0.000	5.33						

FİRMA : ESREF KORHAN											18-12-2025		SAYFA: 140		
PROJE : havuz											(HAVUZ40.ST4)				
NOKTA DEPLASMANLARI mm															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
338	5.574	9.984	9.849	9.854	9.861	9.871	9.949	0.000	-1.697	-1.703	0.111	0.112	-0.022	0.000	2.020
339	5.493	9.966	9.855	9.838	9.844	9.875	9.934	0.000	-0.840	-0.842	0.087	0.088	-0.011	0.000	1.971
340	5.453	9.950	9.861	9.822	9.828	9.881	9.921	0.000	0.000	0.000	0.065	0.065	0.000	0.000	1.947
341	5.457	9.936	9.867	9.806	9.812	9.887	9.909	0.000	0.835	0.836	0.044	0.044	0.011	0.000	1.949
342	5.502	9.923	9.874	9.790	9.796	9.894	9.898	0.000	1.678	1.679	0.022	0.022	0.021	0.000	1.977
343	5.582	9.912	9.882	9.774	9.780	9.902	9.888	0.000	2.543	2.543	0.000	0.000	0.032	0.000	2.025
344	5.685	9.902	9.889	9.758	9.764	9.910	9.879	0.000	3.440	3.437	-0.024	-0.024	0.044	0.000	2.086
345	5.791	9.891	9.897	9.742	9.748	9.919	9.871	0.000	4.378	4.373	-0.049	-0.049	0.056	0.000	2.150
346	5.889	9.881	9.906	9.725	9.732	9.927	9.862	0.000	5.360	5.350	-0.077	-0.076	0.069	0.000	2.209
347	6.014	9.855	9.920	9.691	9.698	9.942	9.839	0.000	7.387	7.375	-0.080	-0.078	0.096	0.000	2.284
348	5.972	9.870	9.913	9.709	9.716	9.936	9.852	0.000	6.380	6.365	-0.106	-0.104	0.083	0.000	2.259
349	5.836	10.024	9.839	9.887	9.894	9.863	9.982	0.000	-3.490	-3.503	0.142	0.144	-0.045	0.000	2.177
350	5.998	10.046	9.834	9.904	9.912	9.859	10.000	0.000	-4.449	-4.468	0.172	0.174	-0.058	0.000	2.274
351	5.691	10.003	9.844	9.871	9.877	9.867	9.965	0.000	-2.572	-2.580	0.114	0.115	-0.033	0.000	2.090
352	6.161	10.068	9.829	9.922	9.929	9.856	10.017	0.000	-5.450	-5.475	0.203	0.207	-0.071	0.000	2.372
353	6.302	10.089	9.824	9.939	9.947	9.851	10.035	0.000	-6.486	-6.519	0.235	0.239	-0.085	0.000	2.457
354	6.393	10.108	9.818	9.956	9.964	9.846	10.050	0.000	-7.545	-7.586	0.264	0.269	-0.099	0.000	2.512
355	6.398	10.109	9.818	9.956	9.964	9.846	10.050	0.000	-7.578	-7.623	0.288	0.294	-0.100	0.000	2.514
356	5.576	9.984	9.849	9.854	9.861	9.871	9.949	0.000	-1.690	-1.695	0.089	0.089	-0.022	0.000	2.021
357	5.496	9.966	9.855	9.838	9.844	9.876	9.935	0.000	-0.837	-0.839	0.065	0.066	-0.011	0.000	1.973
358	5.456	9.951	9.861	9.822	9.828	9.881	9.921	0.000	0.000	0.000	0.043	0.043	0.000	0.000	1.949
359	5.460	9.936	9.867	9.806	9.812	9.888	9.910	0.000	0.833	0.834	0.022	0.022	0.011	0.000	1.951
360	5.503	9.924	9.874	9.791	9.797	9.895	9.899	0.000	1.677	1.677	0.000	0.000	0.021	0.000	1.977
361	5.580	9.913	9.882	9.775	9.781	9.902	9.889	0.000	2.545	2.543	-0.023	-0.023	0.032	0.000	2.023
362	5.677	9.902	9.889	9.759	9.765	9.911	9.880	0.000	3.447	3.442	-0.048	-0.047	0.044	0.000	2.082
363	5.782	9.892	9.897	9.742	9.749	9.919	9.872	0.000	4.390	4.382	-0.074	-0.073	0.056	0.000	2.145
364	5.885	9.882	9.906	9.726	9.733	9.928	9.863	0.000	5.377	5.363	-0.103	-0.101	0.069	0.000	2.207
365	6.016	9.856	9.921	9.692	9.699	9.943	9.840	0.000	7.405	7.388	-0.107	-0.105	0.096	0.000	2.285
366	5.973	9.871	9.914	9.710	9.717	9.937	9.854	0.000	6.401	6.382	-0.132	-0.130	0.083	0.000	2.259
367	5.994	10.046	9.834	9.904	9.912	9.860	10.000	0.000	-4.428	-4.445	0.147	0.149	-0.057	0.000	2.272
368	5.835	10.024	9.839	9.888	9.894	9.863	9.982	0.000	-3.474	-3.485	0.118	0.119	-0.045	0.000	2.176
369	6.154	10.067	9.829	9.922	9.929	9.856	10.018	0.000	-5.424	-5.447	0.178	0.180	-0.070	0.000	2.368
370	5.693	10.004	9.844	9.871	9.878	9.867	9.966	0.000	-2.562	-2.568	0.091	0.092	-0.033	0.000	2.091
371	6.295	10.088	9.823	9.939	9.947	9.852	10.035	0.000	-6.456	-6.485	0.209	0.212	-0.084	0.000	2.452
372	6.389	10.108	9.818	9.956	9.964	9.847	10.050	0.000	-7.511	-7.548	0.238	0.242	-0.099	0.000	2.509
373	5.579	9.984	9.849	9.855	9.861	9.871	9.950	0.000	-1.685	-1.688	0.066	0.067	-0.021	0.000	2.023
374	5.499	9.967	9.855	9.839	9.845	9.876	9.936	0.000	-0.835	-0.836	0.043	0.044	-0.011	0.000	1.975
375	5.459	9.951	9.861	9.823	9.829	9.882	9.922	0.000	0.000	0.000	0.022	0.022	0.000	0.000	1.951
376	5.461	9.937	9.867	9.807	9.813	9.888	9.910	0.000	0.833	0.833	0.000	0.000	0.011	0.000	1.952
377	5.502	9.924	9.874	9.791	9.797	9.895	9.900	0.000	1.679	1.678	-0.022	-0.022	0.021	0.000	1.977
378	5.575	9.913	9.882	9.775	9.781	9.903	9.890	0.000	2.550	2.546	-0.046	-0.046	0.032	0.000	2.021
379	5.670	9.903	9.889	9.759	9.766	9.911	9.881	0.000	3.457	3.450	-0.072	-0.071	0.044	0.000	2.077
380	5.777	9.893	9.898	9.743	9.750	9.920	9.873	0.000	4.405	4.394	-0.099	-0.098	0.057	0.000	2.142
381	5.884	9.883	9.906	9.727	9.734	9.929	9.864	0.000	5.396	5.380	-0.129	-0.127	0.070	0.000	2.206
382	6.018	9.858	9.921	9.693	9.700	9.943	9.842	0.000	7.426	7.405	-0.134	-0.132	0.097	0.000	2.287
383	5.975	9.872	9.914	9.711	9.718	9.937	9.855	0.000	6.425	6.403	-0.159	-0.156	0.083	0.000	2.261
384	5.992	10.046	9.834	9.905	9.912	9.860	10.000	0.000	-4.411	-4.424	0.122	0.124	-0.057	0.000	2.271
385	6.150	10.067	9.829	9.922	9.929	9.856	10.018	0.000	-5.401	-5.421	0.152	0.154	-0.070	0.000	2.366
386	5.837	10.024	9.839	9.888	9.895	9.864	9.983	0.000	-3.462	-3.470	0.094	0.095	-0.044	0.000	2.178
387	6.290	10.088	9.823	9.939	9.947	9.852	10.035	0.000	-6.429	-6.454	0.182	0.185	-0.084	0.000	2.449
388	5.698	10.004	9.844	9.871	9.878	9.868	9.967	0.000	-2.553	-2.558	0.068	0.069	-0.033	0.000	2.094
389	6.384	10.107	9.817	9.956	9.964	9.847	10.051	0.000	-7.480	-7.513	0.211	0.215	-0.098	0.000	2.506
390	5.583	9.985	9.849	9.855	9.861	9.872	9.951	0.000	-1.681	-1.683	0.044	0.044	-0.021	0.000	2.025
391	5.502	9.967	9.855	9.839	9.845	9.877	9.936	0.000	-0.834	-0.835	0.022	0.022	-0.011	0.000	1.977
392	5.460	9.951	9.861	9.823	9.829	9.882	9.923	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.951
393	5.460	9.937	9.867	9.807	9.813	9.889	9.911	0.000	0.834	0.833	-0.022	-0.022	0.011	0.000	1.951
394	5.498	9.925	9.874	9.792	9.798	9.896	9.901								

FİRMA : ESREF KORHAN											18-12-2025		SAYFA: 141		
PROJE : havuz											(HAVUZ40.ST4)				
NOKTA DEPLASMANLARI mm															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
422	6.378	10.107	9.817	9.956	9.964	9.847	10.051	0.000	-7.428	-7.453	0.158	0.161	-0.097	0.000	2.502
423	5.850	10.025	9.839	9.888	9.895	9.865	9.985	0.000	-3.443	-3.448	0.047	0.047	-0.044	0.000	2.186
424	5.709	10.005	9.844	9.872	9.878	9.869	9.968	0.000	-2.544	-2.546	0.023	0.023	-0.032	0.000	2.101
425	5.588	9.986	9.849	9.856	9.862	9.873	9.953	0.000	-1.678	-1.678	0.000	0.000	-0.021	0.000	2.028
426	5.502	9.968	9.855	9.840	9.846	9.878	9.938	0.000	-0.835	-0.834	-0.022	-0.022	-0.011	0.000	1.977
427	5.457	9.952	9.861	9.824	9.830	9.883	9.925	0.000	-0.001	-0.001	-0.043	-0.043	0.000	0.000	1.949
428	5.453	9.939	9.867	9.809	9.814	9.889	9.913	0.000	0.838	0.836	-0.066	-0.066	0.011	0.000	1.947
429	5.491	9.926	9.874	9.793	9.799	9.897	9.903	0.000	1.694	1.689	-0.090	-0.089	0.022	0.000	1.970
430	5.563	9.915	9.882	9.778	9.783	9.904	9.894	0.000	2.579	2.570	-0.116	-0.115	0.033	0.000	2.013
431	5.663	9.906	9.890	9.762	9.768	9.913	9.885	0.000	3.501	3.488	-0.144	-0.142	0.045	0.000	2.073
432	5.780	9.896	9.898	9.746	9.752	9.922	9.877	0.000	4.466	4.447	-0.175	-0.172	0.058	0.000	2.144
433	5.896	9.887	9.907	9.731	9.737	9.931	9.869	0.000	5.474	5.448	-0.207	-0.204	0.071	0.000	2.213
434	6.027	9.862	9.922	9.697	9.703	9.946	9.847	0.000	7.511	7.478	-0.216	-0.212	0.098	0.000	2.292
435	5.991	9.877	9.915	9.715	9.721	9.940	9.861	0.000	6.517	6.484	-0.240	-0.236	0.085	0.000	2.270
436	6.375	10.107	9.817	9.956	9.964	9.848	10.052	0.000	-7.407	-7.428	0.131	0.134	-0.097	0.000	2.501
437	6.282	10.088	9.823	9.939	9.946	9.853	10.036	0.000	-6.366	-6.381	0.103	0.105	-0.083	0.000	2.445
438	6.153	10.067	9.829	9.922	9.929	9.857	10.020	0.000	-5.351	-5.361	0.075	0.076	-0.069	0.000	2.367
439	6.009	10.047	9.834	9.905	9.912	9.861	10.003	0.000	-4.374	-4.379	0.048	0.049	-0.056	0.000	2.281
441	5.858	10.026	9.839	9.889	9.895	9.865	9.986	0.000	-3.439	-3.441	0.023	0.024	-0.044	0.000	2.190
442	5.711	10.005	9.844	9.872	9.878	9.869	9.969	0.000	-2.544	-2.544	0.000	0.000	-0.032	0.000	2.102
443	5.587	9.986	9.849	9.856	9.862	9.873	9.953	0.000	-1.680	-1.679	-0.022	-0.022	-0.021	0.000	2.028
444	5.499	9.969	9.855	9.840	9.846	9.878	9.939	0.000	-0.837	-0.836	-0.044	-0.044	-0.011	0.000	1.975
445	5.453	9.953	9.861	9.825	9.830	9.884	9.926	0.000	-0.001	-0.001	-0.065	-0.065	0.000	0.000	1.947
446	5.451	9.939	9.868	9.809	9.815	9.890	9.914	0.000	0.841	0.839	-0.088	-0.088	0.011	0.000	1.946
447	5.489	9.927	9.875	9.794	9.800	9.897	9.904	0.000	1.701	1.696	-0.112	-0.112	0.022	0.000	1.969
448	5.564	9.917	9.882	9.779	9.784	9.905	9.895	0.000	2.592	2.582	-0.139	-0.138	0.033	0.000	2.014
449	5.668	9.907	9.890	9.763	9.769	9.914	9.887	0.000	3.521	3.505	-0.169	-0.167	0.045	0.000	2.076
450	5.787	9.898	9.899	9.747	9.753	9.923	9.879	0.000	4.492	4.470	-0.200	-0.198	0.058	0.000	2.148
451	5.906	9.889	9.907	9.732	9.738	9.932	9.871	0.000	5.506	5.477	-0.234	-0.230	0.071	0.000	2.219
452	6.031	9.864	9.922	9.698	9.704	9.947	9.849	0.000	7.546	7.509	-0.243	-0.239	0.099	0.000	2.294
453	6.001	9.879	9.915	9.716	9.722	9.941	9.863	0.000	6.555	6.518	-0.267	-0.262	0.085	0.000	2.276
454	6.373	10.106	9.817	9.956	9.963	9.848	10.052	0.000	-7.389	-7.406	0.104	0.107	-0.096	0.000	2.499
455	6.283	10.088	9.823	9.939	9.947	9.853	10.037	0.000	-6.352	-6.364	0.077	0.079	-0.082	0.000	2.445
456	6.162	10.068	9.829	9.922	9.929	9.858	10.021	0.000	-5.341	-5.348	0.050	0.051	-0.069	0.000	2.373
457	6.020	10.048	9.834	9.906	9.912	9.862	10.004	0.000	-4.368	-4.371	0.024	0.024	-0.056	0.000	2.287
458	5.861	10.026	9.839	9.889	9.895	9.866	9.987	0.000	-3.438	-3.438	0.000	0.000	-0.044	0.000	2.192
459	5.709	10.006	9.844	9.873	9.879	9.870	9.970	0.000	-2.546	-2.544	-0.023	-0.023	-0.032	0.000	2.101
460	5.584	9.987	9.849	9.857	9.862	9.874	9.954	0.000	-1.684	-1.682	-0.044	-0.045	-0.021	0.000	2.025
461	5.496	9.969	9.855	9.841	9.847	9.879	9.940	0.000	-0.840	-0.838	-0.066	-0.066	-0.011	0.000	1.973
462	5.451	9.954	9.861	9.825	9.831	9.884	9.927	0.000	-0.001	-0.001	-0.087	-0.087	0.000	0.000	1.946
463	5.450	9.940	9.868	9.810	9.816	9.891	9.915	0.000	0.845	0.842	-0.110	-0.110	0.011	0.000	1.945
464	5.491	9.928	9.875	9.795	9.800	9.898	9.905	0.000	1.710	1.704	-0.135	-0.134	0.022	0.000	1.970
465	5.569	9.918	9.882	9.779	9.785	9.906	9.896	0.000	2.607	2.596	-0.163	-0.161	0.033	0.000	2.017
466	5.676	9.909	9.891	9.764	9.770	9.915	9.889	0.000	3.542	3.525	-0.193	-0.191	0.046	0.000	2.081
467	5.798	9.900	9.899	9.749	9.754	9.924	9.881	0.000	4.520	4.496	-0.226	-0.223	0.058	0.000	2.154
468	5.917	9.891	9.908	9.733	9.739	9.934	9.873	0.000	5.541	5.509	-0.260	-0.256	0.072	0.000	2.226
469	6.035	9.865	9.923	9.699	9.706	9.948	9.851	0.000	7.584	7.542	-0.270	-0.265	0.099	0.000	2.297
470	6.012	9.881	9.916	9.717	9.723	9.943	9.865	0.000	6.596	6.555	-0.294	-0.289	0.086	0.000	2.283
471	6.038	9.873	9.920	9.707	9.713	9.947	9.858	0.000	7.199	7.156	-0.294	-0.289	0.094	0.000	2.299
472	6.371	10.106	9.817	9.956	9.964	9.849	10.053	0.000	-7.376	-7.389	0.078	0.080	-0.096	0.000	2.498
473	6.287	10.088	9.823	9.940	9.947	9.854	10.038	0.000	-6.342	-6.350	0.051	0.052	-0.082	0.000	2.448
474	6.175	10.069	9.829	9.923	9.930	9.859	10.022	0.000	-5.335	-5.338	0.025	0.025	-0.069	0.000	2.381
475	6.026	10.048	9.834	9.906	9.913	9.863	10.005	0.000	-4.366	-4.366	0.000	0.000	-0.056	0.000	2.291
476	5.858	10.027	9.839	9.889	9.896	9.866	9.988	0.000	-3.441	-3.439	-0.024	-0.024	-0.044	0.000	2.190
477	5.704	10.006	9.844	9.873	9.879	9.870	9.971	0.000	-2.552	-2.548	-0.046	-0.046	-0.032	0.000	2.098
478	5.579	9.987	9.850	9.857	9.863	9.874	9.955	0.000	-1.689	-1.686	-0.067	-0.067	-0.021	0.000	2.023
479	5.493	9.970	9.855	9.841	9.847	9.879	9.941	0.000	-0.843						

FİRMA : ESREF KORHAN											18-12-2025		SAYFA: 142		
PROJE : havuz											(HAVUZ40.ST4)				
NOKTA DEPLASMANLARI mm															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
506	6.018	9.884	9.917	9.720	9.726	9.945	9.869	0.000	6.684	6.637	-0.348	-0.342	0.088	0.000	2.287
507	6.051	9.871	9.924	9.703	9.709	9.951	9.857	0.000	7.716	7.663	-0.352	-0.345	0.102	0.000	2.306
508	6.369	10.107	9.817	9.957	9.964	9.850	10.054	0.000	-7.362	-7.366	0.026	0.026	-0.096	0.000	2.497
509	6.314	10.090	9.823	9.940	9.947	9.855	10.041	0.000	-6.335	-6.335	0.000	0.000	-0.082	0.000	2.464
510	6.175	10.070	9.829	9.924	9.930	9.860	10.024	0.000	-5.338	-5.335	-0.025	-0.026	-0.069	0.000	2.381
511	6.009	10.048	9.834	9.907	9.913	9.864	10.006	0.000	-4.380	-4.375	-0.049	-0.049	-0.056	0.000	2.281
512	5.843	10.027	9.839	9.890	9.896	9.867	9.989	0.000	-3.459	-3.452	-0.071	-0.072	-0.044	0.000	2.181
513	5.694	10.007	9.844	9.874	9.880	9.871	9.972	0.000	-2.570	-2.563	-0.091	-0.092	-0.033	0.000	2.092
514	5.575	9.988	9.850	9.858	9.864	9.876	9.957	0.000	-1.705	-1.699	-0.112	-0.112	-0.022	0.000	2.020
515	5.494	9.971	9.856	9.843	9.848	9.881	9.943	0.000	-0.853	-0.849	-0.132	-0.133	-0.011	0.000	1.972
516	5.458	9.956	9.862	9.827	9.833	9.886	9.930	0.000	-0.002	-0.002	-0.154	-0.154	0.000	0.000	1.950
517	5.467	9.943	9.869	9.812	9.818	9.893	9.920	0.000	0.860	0.856	-0.178	-0.178	0.011	0.000	1.956
518	5.520	9.932	9.876	9.797	9.803	9.901	9.910	0.000	1.745	1.735	-0.206	-0.204	0.022	0.000	1.987
519	5.608	9.923	9.884	9.782	9.788	9.909	9.902	0.000	2.663	2.646	-0.236	-0.234	0.034	0.000	2.040
520	5.721	9.914	9.892	9.767	9.773	9.918	9.895	0.000	3.620	3.597	-0.269	-0.266	0.047	0.000	2.108
521	5.840	9.906	9.901	9.752	9.758	9.928	9.887	0.000	4.621	4.589	-0.304	-0.300	0.060	0.000	2.180
522	5.947	9.897	9.909	9.737	9.742	9.937	9.880	0.000	5.661	5.620	-0.340	-0.335	0.074	0.000	2.244
523	6.026	9.886	9.917	9.721	9.727	9.946	9.871	0.000	6.732	6.682	-0.375	-0.368	0.088	0.000	2.291
524	6.057	9.873	9.924	9.704	9.711	9.952	9.859	0.000	7.765	7.708	-0.379	-0.372	0.102	0.000	2.310
525	6.369	10.107	9.817	9.957	9.964	9.850	10.055	0.000	-7.362	-7.362	0.000	0.000	-0.096	0.000	2.497
526	6.297	10.090	9.823	9.941	9.947	9.856	10.041	0.000	-6.341	-6.337	-0.026	-0.026	-0.082	0.000	2.454
528	6.162	10.069	9.829	9.924	9.930	9.860	10.024	0.000	-5.349	-5.342	-0.050	-0.051	-0.069	0.000	2.373
529	6.000	10.048	9.834	9.907	9.913	9.864	10.007	0.000	-4.393	-4.384	-0.073	-0.074	-0.056	0.000	2.276
530	5.838	10.027	9.839	9.891	9.897	9.868	9.990	0.000	-3.472	-3.463	-0.094	-0.095	-0.044	0.000	2.178
531	5.692	10.007	9.845	9.875	9.880	9.872	9.973	0.000	-2.582	-2.574	-0.114	-0.116	-0.033	0.000	2.090
532	5.576	9.989	9.850	9.859	9.864	9.876	9.958	0.000	-1.714	-1.708	-0.134	-0.135	-0.022	0.000	2.021
533	5.500	9.972	9.856	9.843	9.849	9.881	9.944	0.000	-0.858	-0.854	-0.155	-0.155	-0.011	0.000	1.975
534	5.468	9.958	9.862	9.828	9.833	9.887	9.932	0.000	-0.002	-0.002	-0.177	-0.177	0.000	0.000	1.956
535	5.482	9.945	9.869	9.813	9.819	9.894	9.921	0.000	0.866	0.861	-0.202	-0.201	0.011	0.000	1.965
536	5.539	9.934	9.877	9.798	9.804	9.902	9.912	0.000	1.759	1.748	-0.230	-0.229	0.023	0.000	1.998
537	5.629	9.925	9.884	9.783	9.789	9.910	9.904	0.000	2.685	2.667	-0.261	-0.259	0.035	0.000	2.053
538	5.742	9.916	9.893	9.768	9.774	9.920	9.897	0.000	3.651	3.625	-0.295	-0.292	0.047	0.000	2.120
539	5.857	9.908	9.901	9.753	9.759	9.929	9.890	0.000	4.660	4.625	-0.331	-0.327	0.061	0.000	2.190
540	5.960	9.899	9.910	9.738	9.744	9.938	9.882	0.000	5.707	5.663	-0.367	-0.362	0.075	0.000	2.252
541	6.036	9.888	9.918	9.722	9.728	9.947	9.873	0.000	6.783	6.729	-0.402	-0.396	0.089	0.000	2.297
542	6.063	9.875	9.925	9.706	9.712	9.954	9.861	0.000	7.817	7.756	-0.407	-0.399	0.103	0.000	2.313
543	6.369	10.107	9.817	9.957	9.964	9.851	10.056	0.000	-7.367	-7.362	-0.026	-0.027	-0.096	0.000	2.497
544	6.287	10.090	9.823	9.941	9.947	9.856	10.041	0.000	-6.351	-6.343	-0.052	-0.053	-0.082	0.000	2.448
545	6.153	10.069	9.829	9.924	9.931	9.861	10.025	0.000	-5.363	-5.353	-0.076	-0.077	-0.069	0.000	2.367
546	5.995	10.049	9.834	9.907	9.914	9.865	10.008	0.000	-4.408	-4.397	-0.098	-0.099	-0.057	0.000	2.272
547	5.835	10.028	9.840	9.891	9.897	9.869	9.991	0.000	-3.487	-3.477	-0.118	-0.120	-0.045	0.000	2.177
548	5.693	10.008	9.845	9.875	9.881	9.873	9.974	0.000	-2.596	-2.586	-0.138	-0.139	-0.033	0.000	2.091
549	5.582	9.990	9.850	9.859	9.865	9.877	9.959	0.000	-1.725	-1.717	-0.157	-0.158	-0.022	0.000	2.024
550	5.510	9.974	9.856	9.844	9.849	9.882	9.946	0.000	-0.864	-0.860	-0.178	-0.178	-0.011	0.000	1.981
551	5.483	9.959	9.863	9.829	9.834	9.888	9.934	0.000	-0.002	-0.003	-0.201	-0.201	0.000	0.000	1.965
552	5.502	9.947	9.870	9.814	9.819	9.895	9.923	0.000	0.873	0.868	-0.226	-0.225	0.011	0.000	1.977
553	5.563	9.937	9.877	9.799	9.805	9.903	9.915	0.000	1.774	1.762	-0.255	-0.254	0.023	0.000	2.013
554	5.656	9.927	9.885	9.784	9.790	9.912	9.907	0.000	2.709	2.689	-0.287	-0.285	0.035	0.000	2.069
555	5.767	9.919	9.893	9.770	9.775	9.921	9.900	0.000	3.684	3.656	-0.322	-0.319	0.048	0.000	2.135
556	5.879	9.910	9.902	9.754	9.760	9.930	9.892	0.000	4.701	4.664	-0.358	-0.354	0.061	0.000	2.203
557	5.977	9.901	9.910	9.739	9.745	9.940	9.884	0.000	5.755	5.708	-0.395	-0.389	0.076	0.000	2.262
558	6.047	9.890	9.918	9.724	9.730	9.948	9.876	0.000	6.835	6.778	-0.430	-0.423	0.090	0.000	2.304
559	6.070	9.876	9.925	9.707	9.713	9.955	9.863	0.000	7.869	7.805	-0.435	-0.427	0.104	0.000	2.317
560	6.370	10.108	9.817	9.958	9.964	9.851	10.057	0.000	-7.376	-7.368	-0.052	-0.053	-0.096	0.000	2.497
561	6.283	10.090	9.824	9.941	9.948	9.857	10.042	0.000	-6.365	-6.354	-0.078	-0.079	-0.082	0.000	2.445
562	6.149	10.070	9.829	9.924	9.931	9.861	10.026	0.000	-5.380	-5.367	-0.101	-0.103	-0.069	0.000	2.365
563	5.993	10.049	9.835	9.908	9.914	9.865									

FİRMA : ESREF KORHAN											18-12-2025		SAYFA: 143			
PROJE : havuz											(HAVUZ40.ST4)					
NOKTA DEPLASMANLARI mm																
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez	
591	5.937	9.916	9.903	9.757	9.762	9.934	9.898	0.000	4.792	4.750	-0.415	-0.410	0.063	0.000	2.238	
592	6.020	9.906	9.912	9.742	9.747	9.942	9.890	0.000	5.858	5.806	-0.452	-0.445	0.077	0.000	2.288	
593	6.073	9.895	9.920	9.726	9.732	9.951	9.880	0.000	6.942	6.879	-0.487	-0.479	0.092	0.000	2.319	
594	6.083	9.880	9.926	9.710	9.716	9.957	9.868	0.000	7.975	7.904	-0.491	-0.482	0.106	0.000	2.325	
595	6.373	10.109	9.818	9.958	9.965	9.853	10.059	0.000	-7.408	-7.391	-0.105	-0.107	-0.097	0.000	2.499	
596	6.284	10.091	9.824	9.942	9.948	9.858	10.044	0.000	-6.404	-6.386	-0.130	-0.132	-0.083	0.000	2.446	
597	6.151	10.071	9.830	9.925	9.932	9.863	10.028	0.000	-5.423	-5.404	-0.152	-0.155	-0.070	0.000	2.366	
598	5.999	10.051	9.835	9.909	9.915	9.867	10.011	0.000	-4.471	-4.452	-0.172	-0.175	-0.058	0.000	2.275	
599	5.850	10.031	9.841	9.893	9.899	9.871	9.995	0.000	-3.547	-3.530	-0.191	-0.193	-0.046	0.000	2.185	
600	5.721	10.012	9.846	9.877	9.883	9.875	9.979	0.000	-2.648	-2.633	-0.209	-0.211	-0.034	0.000	2.108	
601	5.625	9.994	9.852	9.862	9.867	9.880	9.964	0.000	-1.764	-1.753	-0.229	-0.230	-0.023	0.000	2.050	
602	5.571	9.979	9.858	9.847	9.852	9.886	9.952	0.000	-0.887	-0.881	-0.250	-0.251	-0.011	0.000	2.018	
603	5.565	9.966	9.865	9.832	9.837	9.892	9.941	0.000	-0.003	-0.003	-0.275	-0.275	0.000	0.000	2.014	
604	5.603	9.955	9.872	9.817	9.822	9.900	9.931	0.000	0.898	0.891	-0.303	-0.302	0.012	0.000	2.037	
605	5.678	9.945	9.880	9.803	9.808	9.908	9.923	0.000	1.827	1.812	-0.335	-0.333	0.024	0.000	2.082	
606	5.775	9.936	9.888	9.788	9.793	9.917	9.916	0.000	2.793	2.769	-0.370	-0.367	0.037	0.000	2.140	
607	5.879	9.928	9.896	9.773	9.779	9.926	9.909	0.000	3.798	3.765	-0.407	-0.403	0.050	0.000	2.203	
608	5.974	9.919	9.904	9.758	9.764	9.935	9.901	0.000	4.841	4.798	-0.445	-0.439	0.064	0.000	2.260	
609	6.046	9.908	9.913	9.743	9.749	9.944	9.892	0.000	5.912	5.858	-0.481	-0.474	0.078	0.000	2.303	
610	6.087	9.897	9.920	9.728	9.733	9.952	9.883	0.000	6.997	6.931	-0.515	-0.507	0.093	0.000	2.328	
611	6.091	9.882	9.927	9.711	9.717	9.958	9.870	0.000	8.027	7.953	-0.518	-0.509	0.107	0.000	2.330	
612	6.375	10.109	9.818	9.959	9.965	9.854	10.060	0.000	-7.430	-7.409	-0.131	-0.134	-0.097	0.000	2.501	
613	6.286	10.092	9.824	9.942	9.949	9.859	10.045	0.000	-6.429	-6.407	-0.156	-0.159	-0.083	0.000	2.447	
614	6.155	10.072	9.830	9.926	9.932	9.864	10.029	0.000	-5.450	-5.427	-0.178	-0.181	-0.071	0.000	2.368	
615	6.007	10.052	9.836	9.910	9.916	9.868	10.013	0.000	-4.497	-4.476	-0.197	-0.200	-0.058	0.000	2.279	
616	5.862	10.032	9.841	9.894	9.899	9.872	9.996	0.000	-3.571	-3.552	-0.216	-0.218	-0.046	0.000	2.192	
617	5.738	10.013	9.847	9.878	9.883	9.876	9.981	0.000	-2.668	-2.652	-0.234	-0.236	-0.034	0.000	2.118	
618	5.649	9.996	9.852	9.863	9.868	9.881	9.967	0.000	-1.780	-1.768	-0.253	-0.255	-0.023	0.000	2.065	
619	5.605	9.982	9.859	9.848	9.853	9.887	9.954	0.000	-0.895	-0.889	-0.276	-0.276	-0.012	0.000	2.038	
620	5.608	9.969	9.866	9.833	9.838	9.894	9.944	0.000	-0.004	-0.004	-0.301	-0.301	0.000	0.000	2.040	
621	5.655	9.958	9.873	9.818	9.823	9.902	9.935	0.000	0.908	0.900	-0.331	-0.330	0.012	0.000	2.068	
622	5.734	9.949	9.881	9.804	9.809	9.910	9.927	0.000	1.848	1.833	-0.365	-0.363	0.024	0.000	2.116	
623	5.832	9.940	9.889	9.789	9.794	9.919	9.919	0.000	2.826	2.801	-0.400	-0.397	0.037	0.000	2.174	
624	5.930	9.931	9.897	9.774	9.780	9.928	9.912	0.000	3.843	3.808	-0.438	-0.433	0.051	0.000	2.234	
625	6.015	9.922	9.905	9.759	9.765	9.937	9.904	0.000	4.894	4.849	-0.475	-0.469	0.065	0.000	2.284	
626	6.073	9.911	9.913	9.744	9.750	9.946	9.895	0.000	5.969	5.912	-0.510	-0.503	0.079	0.000	2.319	
627	6.102	9.899	9.921	9.729	9.735	9.954	9.885	0.000	7.053	6.984	-0.543	-0.535	0.094	0.000	2.337	
628	6.098	9.884	9.928	9.712	9.718	9.960	9.872	0.000	8.079	8.001	-0.546	-0.536	0.107	0.000	2.334	
629	6.378	10.110	9.818	9.959	9.966	9.854	10.061	0.000	-7.456	-7.431	-0.158	-0.161	-0.097	0.000	2.502	
631	6.290	10.092	9.825	9.943	9.949	9.860	10.047	0.000	-6.457	-6.432	-0.183	-0.186	-0.084	0.000	2.450	
632	6.162	10.073	9.830	9.927	9.933	9.864	10.031	0.000	-5.479	-5.453	-0.204	-0.207	-0.071	0.000	2.372	
633	6.018	10.053	9.836	9.911	9.916	9.869	10.014	0.000	-4.526	-4.502	-0.223	-0.226	-0.059	0.000	2.286	
634	5.877	10.034	9.842	9.894	9.900	9.873	9.998	0.000	-3.598	-3.577	-0.241	-0.243	-0.047	0.000	2.202	
635	5.760	10.015	9.847	9.879	9.884	9.878	9.983	0.000	-2.691	-2.673	-0.259	-0.261	-0.035	0.000	2.131	
636	5.680	9.999	9.853	9.863	9.869	9.883	9.969	0.000	-1.797	-1.784	-0.279	-0.281	-0.023	0.000	2.083	
637	5.647	9.984	9.860	9.849	9.854	9.889	9.957	0.000	-0.905	-0.898	-0.302	-0.303	-0.012	0.000	2.063	
638	5.661	9.972	9.867	9.834	9.839	9.896	9.947	0.000	-0.004	-0.004	-0.329	-0.329	0.000	0.000	2.072	
639	5.716	9.962	9.874	9.819	9.825	9.904	9.938	0.000	0.918	0.910	-0.361	-0.360	0.012	0.000	2.105	
640	5.801	9.953	9.882	9.805	9.810	9.913	9.931	0.000	1.872	1.855	-0.395	-0.393	0.025	0.000	2.156	
641	5.896	9.944	9.890	9.790	9.796	9.922	9.923	0.000	2.862	2.836	-0.432	-0.428	0.038	0.000	2.213	
642	5.986	9.935	9.898	9.775	9.781	9.931	9.916	0.000	3.891	3.854	-0.469	-0.464	0.051	0.000	2.267	
643	6.057	9.925	9.907	9.760	9.766	9.939	9.907	0.000	4.951	4.903	-0.505	-0.499	0.066	0.000	2.310	
644	6.101	9.914	9.914	9.745	9.751	9.948	9.898	0.000	6.028	5.968	-0.540	-0.532	0.080	0.000	2.336	
645	6.117	9.901	9.922	9.730	9.736	9.955	9.888	0.000	7.108	7.036	-0.572	-0.563	0.095	0.000	2.345	
646	6.113	9.893	9.926	9.721	9.726	9.959	9.880	0.000	7.721	7.643	-0.578	-0.568	0.103	0.000	2.343	
647	6.106	9.886	9.928	9.714	9.719	9.961	9.874	0.000	8.131	8.049	-0.574	-0.564	0.108	0.000	2.339	
648	6.381	10.111	9.819	9.960	9.966	9.855	10.0									

FİRMA : ESREF KORHAN												18-12-2025		SAYFA: 144	
PROJE : havuz												(HAVUZ40.ST4)			
NOKTA DEPLASMANLARI mm															
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
675	5.959	9.963	9.885	9.807	9.813	9.918	9.940	0.000	1.926	1.907	-0.461	-0.458	0.025	0.000	2.251
676	6.039	9.953	9.893	9.793	9.798	9.927	9.932	0.000	2.945	2.916	-0.497	-0.494	0.039	0.000	2.299
677	6.100	9.943	9.901	9.778	9.783	9.935	9.923	0.000	3.996	3.956	-0.533	-0.528	0.053	0.000	2.335
678	6.135	9.931	9.909	9.763	9.768	9.943	9.913	0.000	5.066	5.014	-0.567	-0.560	0.067	0.000	2.356
679	6.142	9.919	9.916	9.748	9.753	9.951	9.903	0.000	6.137	6.072	-0.598	-0.589	0.082	0.000	2.361
680	6.389	10.113	9.819	9.961	9.967	9.857	10.065	0.000	-7.552	-7.515	-0.238	-0.243	-0.099	0.000	2.509
681	6.314	10.096	9.826	9.945	9.951	9.863	10.051	0.000	-6.561	-6.525	-0.262	-0.266	-0.086	0.000	2.463
682	6.196	10.077	9.832	9.929	9.935	9.868	10.036	0.000	-5.585	-5.550	-0.282	-0.286	-0.073	0.000	2.393
683	6.061	10.058	9.838	9.913	9.918	9.872	10.020	0.000	-4.628	-4.596	-0.300	-0.304	-0.060	0.000	2.312
684	5.942	10.039	9.843	9.897	9.902	9.877	10.004	0.000	-3.691	-3.664	-0.318	-0.322	-0.048	0.000	2.240
685	5.858	10.023	9.849	9.882	9.887	9.882	9.990	0.000	-2.770	-2.748	-0.338	-0.341	-0.036	0.000	2.190
686	5.821	10.008	9.856	9.867	9.872	9.888	9.978	0.000	-1.857	-1.841	-0.362	-0.364	-0.024	0.000	2.168
687	5.833	9.996	9.863	9.852	9.857	9.895	9.968	0.000	-0.939	-0.931	-0.390	-0.391	-0.012	0.000	2.175
688	5.887	9.986	9.871	9.838	9.843	9.903	9.960	0.000	-0.005	-0.005	-0.423	-0.423	0.000	0.000	2.207
689	5.965	9.977	9.879	9.823	9.828	9.912	9.952	0.000	0.958	0.949	-0.458	-0.457	0.013	0.000	2.254
690	6.044	9.968	9.887	9.809	9.814	9.921	9.944	0.000	1.957	1.937	-0.495	-0.492	0.026	0.000	2.302
691	6.107	9.957	9.895	9.794	9.799	9.929	9.936	0.000	2.989	2.959	-0.530	-0.526	0.040	0.000	2.340
692	6.147	9.946	9.902	9.779	9.784	9.937	9.926	0.000	4.047	4.005	-0.564	-0.559	0.054	0.000	2.363
693	6.158	9.934	9.910	9.764	9.769	9.945	9.916	0.000	5.114	5.059	-0.596	-0.589	0.068	0.000	2.370
694	6.394	10.114	9.820	9.962	9.968	9.858	10.066	0.000	-7.590	-7.549	-0.264	-0.270	-0.099	0.000	2.512
695	6.379	10.108	9.823	9.956	9.962	9.861	10.062	0.000	-7.206	-7.163	-0.288	-0.293	-0.094	0.000	2.503
696	6.326	10.098	9.826	9.946	9.952	9.864	10.053	0.000	-6.603	-6.563	-0.288	-0.294	-0.086	0.000	2.471
697	6.205	10.079	9.832	9.930	9.935	9.869	10.037	0.000	-5.626	-5.588	-0.308	-0.313	-0.073	0.000	2.398
698	6.078	10.060	9.838	9.914	9.919	9.873	10.022	0.000	-4.667	-4.633	-0.326	-0.331	-0.061	0.000	2.322
699	5.973	10.042	9.844	9.898	9.903	9.878	10.007	0.000	-3.727	-3.698	-0.345	-0.349	-0.049	0.000	2.259
700	5.906	10.026	9.850	9.883	9.888	9.884	9.994	0.000	-2.801	-2.778	-0.367	-0.370	-0.037	0.000	2.219
701	5.888	10.012	9.857	9.868	9.873	9.890	9.982	0.000	-1.881	-1.864	-0.393	-0.395	-0.025	0.000	2.208
702	5.917	10.001	9.864	9.853	9.858	9.898	9.973	0.000	-0.953	-0.944	-0.423	-0.424	-0.013	0.000	2.225
703	5.982	9.991	9.872	9.839	9.844	9.906	9.965	0.000	-0.005	-0.005	-0.457	-0.457	0.000	0.000	2.264
704	6.059	9.982	9.880	9.824	9.830	9.915	9.957	0.000	0.974	0.964	-0.493	-0.492	0.013	0.000	2.311
705	6.122	9.972	9.888	9.810	9.815	9.924	9.949	0.000	1.988	1.968	-0.529	-0.526	0.026	0.000	2.349
706	6.162	9.961	9.896	9.795	9.800	9.932	9.939	0.000	3.031	2.999	-0.563	-0.558	0.040	0.000	2.372
707	6.175	9.949	9.903	9.780	9.786	9.939	9.929	0.000	4.088	4.044	-0.594	-0.589	0.054	0.000	2.381
708	6.399	10.115	9.820	9.962	9.968	9.859	10.068	0.000	-7.628	-7.583	-0.288	-0.294	-0.100	0.000	2.515
709	6.399	10.115	9.820	9.962	9.968	9.859	10.068	0.000	-7.632	-7.587	-0.291	-0.297	-0.100	0.000	2.515
710	6.327	10.099	9.827	9.947	9.952	9.865	10.054	0.000	-6.646	-6.602	-0.314	-0.320	-0.087	0.000	2.472
711	6.214	10.080	9.833	9.930	9.936	9.870	10.039	0.000	-5.669	-5.628	-0.334	-0.339	-0.074	0.000	2.404
712	6.100	10.062	9.839	9.914	9.920	9.875	10.024	0.000	-4.709	-4.673	-0.353	-0.358	-0.062	0.000	2.335
713	6.011	10.045	9.845	9.899	9.904	9.880	10.010	0.000	-3.766	-3.735	-0.373	-0.377	-0.049	0.000	2.282
714	5.963	10.030	9.851	9.884	9.889	9.886	9.997	0.000	-2.835	-2.810	-0.397	-0.400	-0.037	0.000	2.253
715	5.964	10.017	9.858	9.869	9.874	9.893	9.987	0.000	-1.907	-1.890	-0.425	-0.427	-0.025	0.000	2.254
716	6.009	10.006	9.866	9.855	9.860	9.901	9.978	0.000	-0.969	-0.959	-0.457	-0.458	-0.013	0.000	2.281
717	6.081	9.997	9.874	9.840	9.846	9.909	9.970	0.000	-0.006	-0.006	-0.492	-0.492	0.000	0.000	2.324
718	6.146	9.987	9.882	9.826	9.831	9.918	9.962	0.000	0.991	0.981	-0.528	-0.527	0.013	0.000	2.363
719	6.182	9.976	9.890	9.811	9.817	9.926	9.953	0.000	2.017	1.996	-0.561	-0.559	0.027	0.000	2.384
720	6.194	9.964	9.897	9.796	9.802	9.933	9.942	0.000	3.062	3.029	-0.593	-0.588	0.041	0.000	2.392
721	6.405	10.116	9.821	9.963	9.969	9.860	10.070	0.000	-7.677	-7.627	-0.317	-0.324	-0.101	0.000	2.518
722	6.332	10.100	9.827	9.947	9.953	9.866	10.056	0.000	-6.692	-6.645	-0.341	-0.347	-0.088	0.000	2.474
723	6.228	10.082	9.833	9.931	9.937	9.871	10.041	0.000	-5.715	-5.672	-0.361	-0.367	-0.075	0.000	2.412
724	6.127	10.064	9.839	9.915	9.921	9.876	10.026	0.000	-4.754	-4.715	-0.381	-0.386	-0.062	0.000	2.351
725	6.056	10.048	9.846	9.900	9.905	9.882	10.013	0.000	-3.808	-3.775	-0.403	-0.407	-0.050	0.000	2.309
726	6.029	10.034	9.853	9.885	9.890	9.888	10.001	0.000	-2.872	-2.846	-0.428	-0.431	-0.038	0.000	2.292
727	6.048	10.022	9.860	9.870	9.876	9.896	9.991	0.000	-1.936	-1.918	-0.458	-0.460	-0.026	0.000	2.304
728	6.104	10.012	9.868	9.856	9.861	9.904	9.983	0.000	-0.985	-0.976	-0.492	-0.493	-0.013	0.000	2.338
729	6.175	10.003	9.876	9.842	9.847	9.912	9.975	0.000	-0.006	-0.006	-0.528	-0.528	0.000	0.000	2.380
730	6.209	9.992	9.883	9.827	9.833	9.920	9.966	0.000	1.006	0.996	-0.561	-0.559	0.013	0.000	2.400
731	6.213	9.979	9.890	9.812	9.818	9.928	9.95								

FİRMA : ESREF KORHAN

18-12-2025

SAYFA: 145

PROJE : havuz

(HAVUZ40.ST4)

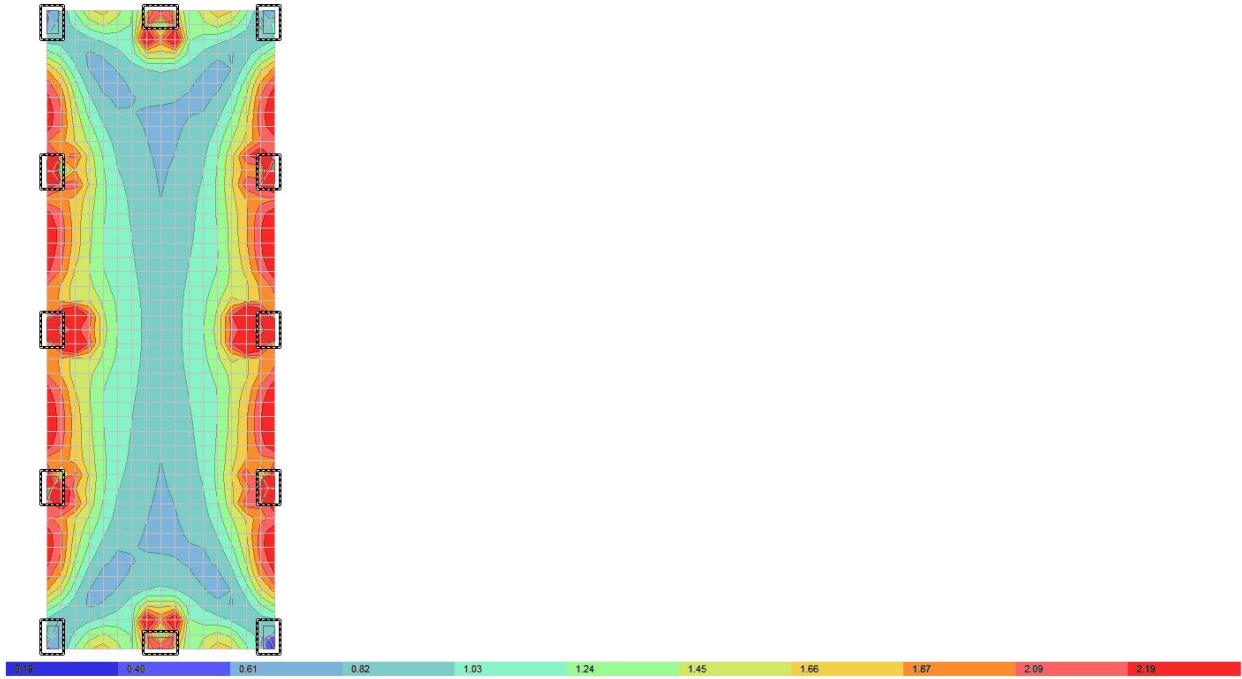
NOKTA DEPLASMANLARI mm

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 s	9 e	10 e	11 e	12 e	13 w	14 w	17 Ez
759	6.280	10.024	9.871	9.860	9.866	9.911	9.995	0.000	-1.029	-1.018	-0.588	-0.590	-0.014	0.000	2.443
760	6.432	10.122	9.823	9.966	9.972	9.864	10.076	0.000	-7.879	-7.815	-0.425	-0.434	-0.104	0.000	2.534
761	6.375	10.106	9.829	9.951	9.956	9.870	10.063	0.000	-6.898	-6.838	-0.450	-0.457	-0.091	0.000	2.500
762	6.316	10.090	9.836	9.935	9.940	9.876	10.050	0.000	-5.923	-5.869	-0.473	-0.480	-0.078	0.000	2.465
763	6.282	10.076	9.843	9.920	9.925	9.883	10.038	0.000	-4.962	-4.914	-0.498	-0.505	-0.066	0.000	2.445
764	6.281	10.063	9.850	9.905	9.911	9.890	10.028	0.000	-4.008	-3.968	-0.527	-0.532	-0.053	0.000	2.444
765	6.298	10.052	9.858	9.891	9.896	9.897	10.018	0.000	-3.043	-3.012	-0.558	-0.562	-0.041	0.000	2.454
766	6.305	10.040	9.865	9.876	9.882	9.905	10.008	0.000	-2.051	-2.029	-0.588	-0.591	-0.027	0.000	2.458
767	6.439	10.123	9.823	9.967	9.972	9.865	10.078	0.000	-7.932	-7.865	-0.453	-0.462	-0.105	0.000	2.538
769	6.390	10.108	9.830	9.952	9.957	9.871	10.065	0.000	-6.953	-6.890	-0.478	-0.486	-0.092	0.000	2.509
770	6.345	10.093	9.837	9.936	9.942	9.878	10.053	0.000	-5.981	-5.924	-0.502	-0.509	-0.079	0.000	2.482
771	6.325	10.079	9.844	9.921	9.927	9.885	10.042	0.000	-5.021	-4.971	-0.529	-0.535	-0.067	0.000	2.470
772	6.329	10.067	9.851	9.907	9.912	9.892	10.031	0.000	-4.060	-4.018	-0.558	-0.564	-0.054	0.000	2.472
773	6.331	10.055	9.858	9.892	9.897	9.899	10.021	0.000	-3.075	-3.043	-0.588	-0.592	-0.041	0.000	2.474
774	6.447	10.125	9.824	9.968	9.973	9.866	10.080	0.000	-7.986	-7.915	-0.480	-0.489	-0.106	0.000	2.543
775	6.405	10.110	9.831	9.953	9.958	9.873	10.067	0.000	-7.009	-6.943	-0.505	-0.514	-0.093	0.000	2.518
776	6.373	10.095	9.838	9.937	9.943	9.879	10.056	0.000	-6.040	-5.981	-0.531	-0.539	-0.080	0.000	2.499
777	6.363	10.082	9.845	9.923	9.928	9.886	10.045	0.000	-5.079	-5.026	-0.559	-0.566	-0.068	0.000	2.493
778	6.358	10.070	9.852	9.908	9.913	9.893	10.034	0.000	-4.101	-4.057	-0.588	-0.593	-0.055	0.000	2.490
779	6.455	10.126	9.824	9.969	9.974	9.867	10.082	0.000	-8.039	-7.964	-0.508	-0.517	-0.107	0.000	2.548
780	6.421	10.112	9.831	9.954	9.959	9.874	10.070	0.000	-7.065	-6.996	-0.533	-0.542	-0.094	0.000	2.528
781	6.399	10.098	9.838	9.939	9.944	9.881	10.058	0.000	-6.099	-6.037	-0.560	-0.568	-0.081	0.000	2.514
782	6.387	10.085	9.845	9.924	9.929	9.888	10.048	0.000	-5.127	-5.072	-0.588	-0.595	-0.068	0.000	2.507
783	6.463	10.128	9.825	9.970	9.975	9.868	10.083	0.000	-8.091	-8.014	-0.535	-0.545	-0.108	0.000	2.553
784	6.436	10.114	9.832	9.955	9.960	9.875	10.072	0.000	-7.121	-7.049	-0.561	-0.570	-0.095	0.000	2.537
785	6.417	10.100	9.839	9.940	9.945	9.882	10.061	0.000	-6.151	-6.085	-0.588	-0.596	-0.082	0.000	2.525
786	6.471	10.129	9.825	9.971	9.976	9.870	10.085	0.000	-8.143	-8.062	-0.562	-0.572	-0.109	0.000	2.558
787	6.459	10.123	9.828	9.964	9.970	9.872	10.080	0.000	-7.734	-7.656	-0.567	-0.577	-0.103	0.000	2.551
788	6.448	10.116	9.833	9.956	9.961	9.876	10.074	0.000	-7.173	-7.098	-0.589	-0.598	-0.096	0.000	2.544
789	6.480	10.131	9.826	9.972	9.977	9.871	10.087	0.000	-8.195	-8.110	-0.589	-0.600	-0.109	0.000	2.563



RADYE TEMEL KOLON ZİMBALAMA HESABI

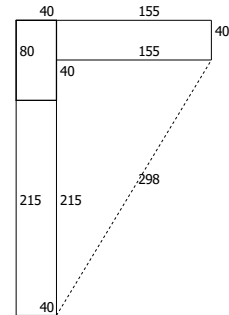
Deprem tesirleri, D=3 ile çarpılmaktadır.



SmaxV gerilmesi :3.42(kg/cm²) < fctd=12.77(kg/cm²)
Maksimum zımbalama gerilmesi, fctd kesme dayanımından küçüktür.

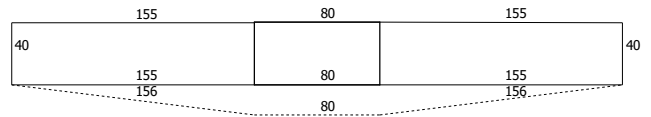
S101

d= 38 cm Ac =1.133m² $\Phi_x=0, \Phi_y=0$
 Ex =117.4 cm Ey =167.4 cm
 Ix = 0.444050 m⁴ Iy = 0.730390 m⁴
 Up = 298.37 cm fctd=127.71 t/m²
 Mx = 0.44 (tm) My = 0.30 (tm)
 Xt= 77.49 cm Yx=0.993 Yt= 127.47 cm Yy=0.997
 Vd = 91.88/ 91.88 (t) Vdq =19.9 (t) zemin
 Vp = Y · fctd · Up · d > Vd, Vd = Vdc - Vdq
 Panel ara başlıklarında zımbalama kontrolu yapılmayabilir.



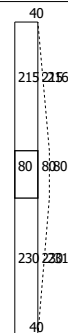
S102

d= 38 cm Ac =1.491m² $\Phi_x=0, \Phi_y=0$
 Ex = 0.00 cm Ey =51.36 cm
 Ix = 1.913354 m⁴ Iy = 0.033190 m⁴
 Up = 392.41 cm fctd=127.71 t/m²
 Mx = 0.02 (tm) My = 0.23 (tm)
 Xt= 195.04 cm Yx=1.0 Yt= 7.54 cm Yy=1.0
 Vd = -0.51/ -0.51 (t) Vdq =0.0 (t) zemin
 Vp = Y · fctd · Up · d > Vd, Vd = Vdc - Vdq
 Panel ara başlıklarında zımbalama kontrolu yapılmayabilir.



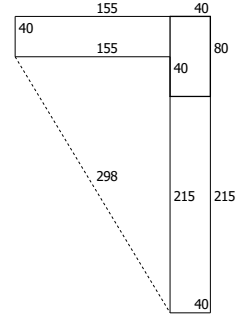
S104

d= 38 cm Ac =2.001m² $\Phi_x=0, \Phi_y=0$
 Ex =50.85 cm Ey = 7.45 cm
 Ix = 0.064069 m⁴ Iy = 4.626746 m⁴
 Up = 526.67 cm fctd=127.71 t/m²
 Mx = 0.19 (tm) My = 0.15 (tm)
 Xt= 8.04 cm Yx=0.998 Yt= 262.55 cm Yy=1.0
 Vd =118.68/118.68 (t) Vdq =18.7 (t) zemin
 Vp = Y · fctd · Up · d > Vd, Vd = Vdc - Vdq
 Panel ara başlıklarında zımbalama kontrolu yapılmayabilir.



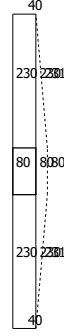
S103

$d = 38 \text{ cm}$ $A_c = 1.133 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = -117. \text{ cm}$ $E_y = 167.4 \text{ cm}$
 $I_x = 0.444269 \text{ m}^4$ $I_y = 0.730515 \text{ m}^4$
 $U_p = 298.40 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.44 \text{ (tm)}$ $M_y = 0.31 \text{ (tm)}$
 $X_t = 77.52 \text{ cm}$ $Y_x = 0.994$ $Y_t = 127.47 \text{ cm}$ $Y_y = 0.997$
 $V_d = 104.50/104.50 \text{ (t)}$ $V_{dq} = 13.3 \text{ (t)}$ zemin
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d$, $V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.



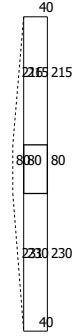
S106

$d = 38 \text{ cm}$ $A_c = 2.057 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = 50.81 \text{ cm}$ $E_y = 0.00 \text{ cm}$
 $I_x = 0.068073 \text{ m}^4$ $I_y = 5.030566 \text{ m}^4$
 $U_p = 541.56 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.12 \text{ (tm)}$ $M_y = 0.05 \text{ (tm)}$
 $X_t = 8.08 \text{ cm}$ $Y_x = 0.999$ $Y_t = 269.99 \text{ cm}$ $Y_y = 1.0$
 $V_d = 142.91/142.91 \text{ (t)}$ $V_{dq} = 0.0 \text{ (t)}$ zemin
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d$, $V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.



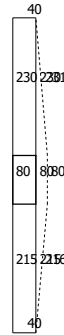
S105

$d = 38 \text{ cm}$ $A_c = 2.001 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = -50.8 \text{ cm}$ $E_y = 7.45 \text{ cm}$
 $I_x = 0.064152 \text{ m}^4$ $I_y = 4.626800 \text{ m}^4$
 $U_p = 526.67 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.20 \text{ (tm)}$ $M_y = 0.15 \text{ (tm)}$
 $X_t = 8.05 \text{ cm}$ $Y_x = 0.998$ $Y_t = 262.49 \text{ cm}$ $Y_y = 1.0$
 $V_d = 127.65/127.65 \text{ (t)}$ $V_{dq} = 16.0 \text{ (t)}$ zemin
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d$, $V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.



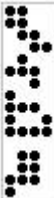
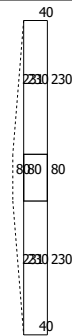
S108

$d = 38 \text{ cm}$ $A_c = 2.001 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = 50.85 \text{ cm}$ $E_y = -7.45 \text{ cm}$
 $I_x = 0.064059 \text{ m}^4$ $I_y = 4.626752 \text{ m}^4$
 $U_p = 526.67 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.19 \text{ (tm)}$ $M_y = 0.15 \text{ (tm)}$
 $X_t = 8.04 \text{ cm}$ $Y_x = 0.998$ $Y_t = 262.49 \text{ cm}$ $Y_y = 1.0$
 $V_d = 119.32/119.32 \text{ (t)}$ $V_{dq} = 18.7 \text{ (t)}$ zemin
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d$, $V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.



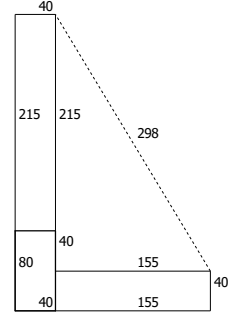
S107

$d = 38 \text{ cm}$ $A_c = 2.058 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = -50.8 \text{ cm}$ $E_y = 0.00 \text{ cm}$
 $I_x = 0.068166 \text{ m}^4$ $I_y = 5.030617 \text{ m}^4$
 $U_p = 541.57 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.13 \text{ (tm)}$ $M_y = 0.06 \text{ (tm)}$
 $X_t = 8.09 \text{ cm}$ $Y_x = 0.999$ $Y_t = 270 \text{ cm}$ $Y_y = 1.0$
 $V_d = 148.87/148.87 \text{ (t)}$ $V_{dq} = 0.0 \text{ (t)}$ zemin
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d$, $V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.

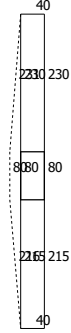


S110

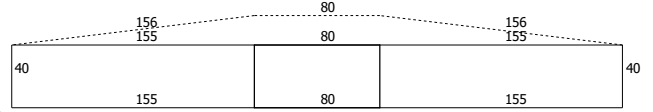
$d = 38 \text{ cm}$ $A_c = 1.133 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = 117.4 \text{ cm}$ $E_y = -167. \text{ cm}$
 $I_x = 0.444050 \text{ m}^4$ $I_y = 0.730390 \text{ m}^4$
 $U_p = 298.37 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.44 \text{ (tm)}$ $M_y = 0.31 \text{ (tm)}$
 $X_t = 77.49 \text{ cm}$ $Y_x = 0.993$ $Y_t = 127.47 \text{ cm}$ $Y_y = 0.997$
 $V_d = 98.84 / 98.84 \text{ (t)}$ $V_{dq} = 14.3 \text{ (t) zemin}$
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d, \quad V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.

**S109**

$d = 38 \text{ cm}$ $A_c = 2.001 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = -50.8 \text{ cm}$ $E_y = -7.45 \text{ cm}$
 $I_x = 0.064152 \text{ m}^4$ $I_y = 4.626799 \text{ m}^4$
 $U_p = 526.67 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.20 \text{ (tm)}$ $M_y = 0.17 \text{ (tm)}$
 $X_t = 8.05 \text{ cm}$ $Y_x = 0.998$ $Y_t = 262.55 \text{ cm}$ $Y_y = 1.0$
 $V_d = 124.98 / 124.98 \text{ (t)}$ $V_{dq} = 18.7 \text{ (t) zemin}$
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d, \quad V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.

**S111**

$d = 38 \text{ cm}$ $A_c = 1.491 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = 0.00 \text{ cm}$ $E_y = -51.3 \text{ cm}$
 $I_x = 1.913354 \text{ m}^4$ $I_y = 0.033190 \text{ m}^4$
 $U_p = 392.41 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.03 \text{ (tm)}$ $M_y = 0.23 \text{ (tm)}$
 $X_t = 195.04 \text{ cm}$ $Y_x = 1.0$ $Y_t = 7.54 \text{ cm}$ $Y_y = 1.0$
 $V_d = -0.52 / -0.52 \text{ (t)}$ $V_{dq} = 0.0 \text{ (t) zemin}$
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d, \quad V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.

**S112**

$d = 38 \text{ cm}$ $A_c = 1.133 \text{ m}^2$ $\Phi_x = 0, \Phi_y = 0$
 $E_x = -117. \text{ cm}$ $E_y = -167. \text{ cm}$
 $I_x = 0.444269 \text{ m}^4$ $I_y = 0.730515 \text{ m}^4$
 $U_p = 298.40 \text{ cm}$ $f_{ctd} = 127.71 \text{ t/m}^2$
 $M_x = 0.44 \text{ (tm)}$ $M_y = 0.33 \text{ (tm)}$
 $X_t = 77.52 \text{ cm}$ $Y_x = 0.993$ $Y_t = 127.47 \text{ cm}$ $Y_y = 0.997$
 $V_d = 102.21 / 102.21 \text{ (t)}$ $V_{dq} = 15.5 \text{ (t) zemin}$
 $V_p = Y \cdot f_{ctd} \cdot U_p \cdot d > V_d, \quad V_d = V_{dc} - V_{dq}$
 Panel ara başlıklarında zımbalama kontrolü yapılmayabilir.

