

CELAL BAYAR ÜNİVERSİTESİ * FEN BİLİMLERİ ENSTİTÜSÜ

**MAFSALIN SÜREKLİ YAPI MEKANİZMASINA ETKİSİNİN İDECAD
İLE İNCELENMESİ**

YÜKSEK LİSANS TEZİ

İnşaat Mühendisi Arif AKIN

Anabilim Dalı : İnşaat Mühendisliği

Programı : Yapı

MANİSA 2009

CELAL BAYAR ÜNİVERSİTESİ * FEN BİLİMLERİ ENSTİTÜSÜ

**MAFSALIN SÜREKLİ YAPI MEKANİZMASINA ETKİSİNİN İDECAD
İLE İNCELENMESİ**

YÜKSEK LİSANS TEZİ

İnşaat Mühendisi Arif AKIN

Tezin Enstitüye Verildiği Tarih : 09 Temmuz 2009

Tezin Savunulduğu Tarih : 18 Ağustos 2009

Tez Danışmanı : Prof.Dr. Celal KOZANOĞLU
Diğer Jüri Üyeleri : Doç. Dr. Erdoğan ÖZKAYA
Yrd.Doç. Dr. Gökhan ALTINTAŞ

MANİSA 2009

İÇİNDEKİLER

	Sayfa No
İÇİNDEKİLER	I
SEMBOL LİSTESİ	V
ŞEKİL LİSTESİ	XIV
ÇİZELGE LİSTESİ	XVI
ÖNSÖZ	XVII
ÖZET	XVIII
ABSTRACT	XIX
1. GİRİŞ	1
1.1. Genel	1
1.2. Literatür Araştırması	2
1.3. Yapılan Çalışmanın Amacı	2
1.4. Çalışmanın Kapsamı	2
2. YAPI ELEMAN TASARIMI	3
2.1. Tasarlanan Yapının genel Özellikleri	3
2.2. Kullanılan Yapı Elamanlarının Özellikleri	5
2.2.1. Temeller	5
2.2.1.1. Sürekli Temel	5
2.2.2. Kolonlar	6
2.2.2.1 Dikdörtgen Kolon	6
2.2.3. Kirişler	7
2.2.4. Paneller	8
2.2.5. Döşemeler	9
3. YAPI PARAMETRELERİ	9
3.1. Döşeme Parametreleri	9
3.1.1. Pas Payı	10

3.1.2. Minimum Asal Çekme Pursantajı	10
3.1.3. Minimum Diğer Çekme Pursantajı	10
3.1.4. Minimum Hurdi Pursantajı	11
3.1.5. Minimum Hurdi Diğer Çekme Pursantajı	11
3.1.6 Minimum Donatı Aralığı	11
3.1.7. Maksimum Donatı Aralığı	12
3.2. Kiriş Parametreleri	13
3.2.1. Pas Payı	13
3.2.2. Minimum açıklık Çekme Pursantajı	13
3.2.3. Maksimum Pursantaj	15
3.2.4. Çift Etriye İçin Min.B	15
3.2.5. Gövde Demiri İçin H	16
3.2.6. Etriye Minimum Aralığı	17
3.2.7. Etriye Maksimum Aralığı	17
3.2.8. Montaj Maksimum Aralığı	18
3.2.9. Gövde Çapı	18
3.2.10. Burulma Rijitliğini Dikkate Alınması	19
3.3. Nervür-Kaset Parametreleri	19
3.3.1. Pas Payı	19
3.3.2. Minimum açıklık Çekme Pursantajı	19
3.3.3. Maksimum Pursantaj	20
3.2.4. Gövde Demiri İçin H	20
3.2.5. Etriye Minimum Aralığı	20
3.2.6. Etriye Maksimum Aralığı	20
3.2.7. Çift Etriye İçin Min.B	21
3.4. Kolon Parametreleri	21
3.4.1. Pas Payı	21
3.4.2. Minimum Pursantaj	21
3.4.3. Maksimum Pursantaj	22
3.4.4. Minimum Etriye Aralığı	23

3.4.5. Maksimum Etriye Aralığı	23
3.4.6. Burulma Rijitliğini Dikkate Alınması	24
3.5. Perde ve Panel Parametreleri	25
3.5.1. Pas Payı	25
3.5.2. Minimum Pursantaj	25
3.5.3. Maksimum Pursantaj	25
3.5.4. Minimum Enine Etriye Aralığı	26
3.5.5. Maksimum Enine Etriye Aralığı	26
3.5.6. Uç Donatısı / Toplam Donatı	26
3.5.7 Minimum Donatı Aralığı	27
3.5.8. Maksimum Donatı Aralığı	27
3.5.9. Minimum Uç Pursantajı	27
3.5.10. Minimum Gövde Pursantajı	28
3.5.10. Minimum Boyut Oranı	28
3.6. Sürekli Temel Parametreleri	29
3.6.1. Pas Payı	29
3.6.2. Minimum Çekme Pursantajı	29
3.6.3. Minimum Etriye Aralığı	30
3.6.4. Maksimum Etriye Aralığı	30
3.6.5. Maksimum Tezi Aralığı	30
3.6.6. Çift Etriye İçin Min.B	30
3.6.7. Ampatman Minimum Donatı Oranı	30
3.6.8. Ampatman Minimum Donatı Aralığı	31
3.6.9. Ampatman Maksimum Donatı Aralığı	31
3.2.10. Gövde Demiri İçin Minimum H	31
3.6.11. Minimum Etriye Aralığı	31
3.6.12. Maksimum Etriye Aralığı	31
4. HESAP YÖNTEMİ	32
4.1. Deprem Yüklerinin Hesaplanması	32
4.2. Deprem Yüklerinin Süperpozisyonu	34

4.3.	Eşdeğer Deprem Yükleri	34
4.4.	Dinamik Deprem Yükleri	42
4.5.	Dinamik Hesap	43
4.6.	Elamanların Uç kuvvetleri	44
4.7.	Görelî Kat Ötelemelerinin Sınırlandırılması	44
4.8.	İkinci Mertebe Etkileri	45
4.9.	A1 Burulma Düzensizliđi	45
4.10.	A2-A3 Düzensizliđi Kontrolü	46
4.11.	Taşıyıcı Sistem Eleman Eksenlerinin Paralel Olmaması	48
4.12.	Komşu Katlar Arası Dayanım Düzensizliđi	49
4.13.	B2 Komşu Katlar Arası Rijitlik Düzensizliđi	51
4.14.	B3 Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliđi	52
4.15.	Vis/Vik Oranları	53
4.16.	Kat Deplasmanları	54
4.16.1	Mafsallı Bağlantılı Kat Deplasmanları	54
4.16.2	Rijit Bağlantılı Kat Deplasmanları	54
	5.SONUÇLAR	55
	KAYNAKLAR	56
	EKLER	58
	EK-1 İDECAD VERSİON 5.511 ENTERPRİSE MAFSALLI BAĞLANTILI YAPI ANALİZLERİ VE METRAJİ	59
	EK-2 İDECAD VERSİON 5.511 ENTERPRİSE RİJİT BAĞLANTILI YAPI ANALİZLERİ VE METRAJİ	167
	EK-3 ÖZGEÇMİŞ	273

SEMBOL LİSTESİ

I	:Kiriş elemanlarının sol uç düğüm noktasının numarası. Kolon elemanının alt uç düğüm noktasının numarası
J	:Kiriş elemanlarının sağ uç düğüm noktasının numarası. Kolon elemanının üst uç düğüm noktasının numarası
L	:Elemanın boyu. [m]
IBurul	:Elemanın burulma ataleti [m ⁴]
IMajor	:Elemanın majör atalet momenti [m ⁴]
IMinor	:Elemanın Minör atalet momenti [m ⁴]
A	:Elemanın alanı [m ²]
Ex1(Xo)	:Kolonlarda kolonun ağırlık merkezi x apsisi. [m]
Ey1(Yo)	:Kolonlarda kolonun ağırlık merkezi y ordinatı. [m]
Ex2	:Kirişin sağ ucundaki teorik düğüm noktası ile kirişin sağ ucu arasındaki eksantrisitenin x eksenine paralel mesafesi [m]
Ey2	:Kirişin sağ ucundaki teorik düğüm noktası ile kirişin sağ ucu arasındaki eksantrisitenin y eksenine paralel mesafesi [m]
fck	:Elemanın beton karakteristik basınç dayanımıdır. [kgf/cm ²]
k1	:Elemanın kesitinde, beton basınç bloğu derinliğinin tarafsız eksen derinliğine oranıdır.
fctk	:Elemanın beton karakteristik çekme dayanımıdır. [kgf/cm ²]
fyk	:Elemanın çelik akma dayanımıdır. [kgf/cm ²]
elast.	:Elemanın elastisite modülüdür. (t/m ²)
ix	:Elemanın burulma atalet momentidir. [m ⁴]
iy	:Elemanın majör atalet momentidir. [m ⁴]
iz :	Elemanın minör atalet momentidir. [m ⁴]
Ex1	:Kirişlerde, kirişin sol ucundaki teorik düğüm noktası ile kirişin sol ucu arasındaki eksantrisitenin x eksenine paralel mesafesi [m]
Ey1	:Kirişlerde, kirişin sol ucundaki teorik düğüm noktası ile kirişin sol ucu arasındaki eksantrisitenin y eksenine paralel mesafesi [m]

Ex_2	:Kirişin sağ ucundaki teorik düğüm noktası ile kirişin sağ ucu arasındaki eksantrisitenin x eksenine paralel mesafesi [m]
Ey_2	:Kirişin sağ ucundaki teorik düğüm noktası ile kirişin sağ ucu arasındaki eksantrisitenin y eksenine paralel mesafesi [m]
g_i	:Binanın i. katındaki toplam sabit yük [t]
q_i	:Binanın i. katındaki toplam hareketli yük [t]
H_{YKK}	:Hareketli yük katılım katsayısı
w_i	:Binanın i. katının hareketli yük katılım katsayısı kullanılarak hesaplanan ağırlığı [t]
H_i	:Binanın i. katının temel üstünden itibaren ölçülen yüksekliği. [m]
$F_i(x)$:Eşdeğer deprem yükü yönteminde i. kata etkiyen eşdeğer deprem yükü (x yönü) [t]
$F_i(y)$:Eşdeğer deprem yükü yönteminde i. kata etkiyen eşdeğer deprem yükü (y yönü) [t]
X_a, Y_a	:Katın ağırlık merkezlerinin koordinatlarıdır.[m]
R_x, R_y	: Katın rijitlik merkezlerinin koordinatlarıdır. [m]
W	:Binanın hareketli yük katılım katsayısı kullanılarak bulunan toplam ağırlığı [t]
T_{1a}	:Binanın amprik bağıntı ile hesaplanan birinci doğal titreşim periyodu [s]
H_n	:Binanın temel üstünden itibaren ölçülen toplam yüksekliği [m]
ΔF_{nx}	:Binanın N'inci katına (tepesine) etkiyen ek eşdeğer deprem yükü (x yönü) [t]
ΔF_{ny}	:Binanın N'inci katına (tepesine) etkiyen ek eşdeğer deprem yükü (y yönü) [t]
$V_t(x)$:Eşdeğer deprem yükü yönteminde x doğrultusunda binaya etkiyen toplam eşdeğer deprem yükü (taban kesme kuvveti) [t]
$V_t(y)$:Eşdeğer deprem yükü yönteminde y doğrultusunda binaya etkiyen toplam eşdeğer deprem yükü (taban kesme kuvveti) [t]
$V_{tB}(x)$:Mod birleştirilmesi ile bulunan bina toplam deprem yükü (taban kesme kuvveti) [t]
$V_{tB}(y)$:Mod birleştirme yönteminde y doğrultusunda modlara ait katkıların birleştirilmesi ile bulunan bina toplam deprem yükü (taban kesme kuvveti) [t]
β	:Mod birleştirme yöntemi ile hesaplanan büyüklüklerin alt sınırlarının belirlenmesi için kullanılan katsayı
A_o	:Etkin yer ivmesi katsayısı
I	:Bina önem katsayısı

Tr	:Binanın r'inci titreşim periyodu [s]
S(Tr)	:Tr için hesaplanan spektrum katsayısı
ex	:Katın burulma momenti hesabında kullanılan eksantriste [m]
ey	:Katın burulma momenti hesabında kullanılan eksantriste [m]
Fx	:Kullanılan yöntemle göre hesaplanan, X yönü kat deprem kuvveti [t]
Fy	:Kullanılan yöntemle göre hesaplanan, Y yönü kat deprem kuvveti [t]
Mb	:Kata etkiyen burulma momenti [tm]
Dn	:Düğüm noktası numarası
X,Y,Z	:Düğüm noktası koordinatları [m]
G1	:Düğüm noktasının global x eksenine doğrultusundaki deplasman bileşeni kod numarası
G2	:Düğüm noktasının global y eksenine doğrultusundaki deplasman bileşeni kod numarası
G3	:Düğüm noktasının global z eksenine doğrultusundaki deplasman bileşeni kod numarası
G4	:Düğüm noktasının global x eksenine etrafındaki deplasman bileşeni kod numarası
G5	:Düğüm noktasının global y eksenine etrafındaki deplasman bileşeni kod numarası
G6	:Düğüm noktasının global z eksenine etrafındaki deplasman bileşeni kod numarası
U(x)	:Düğüm noktasının global x eksenine doğrultusundaki deplasmanı [mm]
U(y)	:Düğüm noktasının global y eksenine doğrultusundaki deplasmanı [mm]
U(z)	:Düğüm noktasının global z eksenine doğrultusundaki deplasmanı [mm]
R(x)	:Düğüm noktasının global x eksenine etrafındaki deplasmanı [radyan]
R(y)	:Düğüm noktasının global y eksenine etrafındaki deplasmanı [radyan]
R(z)	:Düğüm noktasının global z eksenine etrafındaki deplasmanı [radyan]
δ_x	:Katın master düğüm noktasının (kütle merkezinin) x deplasmanı [mm]
δ_y	:Katın master düğüm noktasının (kütle merkezinin) y deplasmanı [mm]
δ	:Katın master düğüm noktasının (kütle merkezinin) dönmesi [radyan]
tx1	:Kolonun uzun kenarı doğrultusundaki kesme kuvveti majör düzlemdeki kesme kuvveti [t]
ty1	:Kolonun kısa kenarı doğrultusundaki kesme kuvveti majör düzlem dik düzlemdeki kesme kuvveti [t]

t_{z1}	:Kolonun aksenal kuvveti [t]
m_{x1}	:Kolonun kısa kenarı doğrultusundaki moment majör düzleme dik düzlemdeki moment [tm]
m_{y1}	:Kolonun uzun kenarı doğrultusundaki moment majör düzlemdeki moment [tm]
m_{b1}	:Kolonun burulma momenti [tm]
t_{z1}	:Kesme kuvveti
m_{y1}	:Eğilme momenti
m_{b1}	:Burulma momenti
$d(i)SLU$: Kat sütununda yazan katın sol-üst köşesinde hesaplanan yatay yer değiştirme [mm]
$d(i-1)SLU$: Kat sütununda yazan katın bir alt katında sol-üst köşesinde hesaplanan yatay yer değiştirme [mm]
$d(i)SLA$: Kat sütununda yazan katın sol-alt köşesinde hesaplanan yatay yer değiştirme [mm]
$d(i-1)SLA$: Kat sütununda yazan katın bir alt katında sol-alt köşesinde hesaplanan yatay yer değiştirme [mm]
$d(i)S\check{G}A$: Kat sütununda yazan katın sağ-alt köşesinde hesaplanan yatay yer değiştirme [mm]
$d(i-1)S\check{G}A$: Kat sütununda yazan katın bir alt katında sağ-alt köşesinde hesaplanan yatay yer değiştirme [mm]
$d(i)S\check{G}U$: Kat sütununda yazan katın sağ-üst köşesinde hesaplanan yatay yer değiştirme [mm]
$d(i-1)S\check{G}U$: Kat sütununda yazan katın bir alt katında sağ-üst köşesinde hesaplanan yatay yer değiştirme [mm]
h_i	:Kat sütununda yazan katın yüksekliğidir. [m]
$\Delta_i,max1$: Kat sütununda yazan katta 1. Deprem yüklemesinden (E1) hesaplanan maksimum görelî kat ötelemesi [mm]
$\Delta_i,min1$: Kat sütununda yazan katta 1. Deprem yüklemesinden (E1) hesaplanan minimum görelî kat ötelemesi [mm]
$\Delta_i,ort1$: $[\Delta_i,max1 \Delta_i,min1] / 2$ [mm]
η_{bi1}	: 1. deprem yüklemesinden oluşan burulma düzensizliği katsayısı, $\Delta_i,max1 / \Delta_i,ort1$ [mm]
$\Delta_i,max2$:Kat sütununda yazan katta 2. Deprem yüklemesinden (E2) hesaplanan maksimum görelî kat ötelemesi [mm]

$\Delta_i \text{min}2$: Kat sütununda yazan katta 2. Deprem yüklemesinden (E2) hesaplanan minimum görelî kat ötelemesi [mm]
$\Delta_i \text{ort}2$: $[\Delta_i \text{max}2 + \Delta_i \text{min}2] / 2$ [mm]
$\eta_{bi}2$: 2. deprem yüklemesinden oluşan burulma düzensizliđi katsayısı. $\Delta_i \text{max}2 / \Delta_i \text{ort}2$ [mm]
$\Delta_i \text{max}3$: Kat sütununda yazan katta 3. Deprem yüklemesinden (E3) hesaplanan maksimum görelî kat ötelemesi [mm]
$\Delta_i \text{min}3$: Kat sütununda yazan katta 3. Deprem yüklemesinden (E3) hesaplanan minimum görelî kat ötelemesi [mm]
$\Delta_i \text{ort}3$: $[\Delta_i \text{max}3 + \Delta_i \text{min}3] / 2$ [mm]
$\eta_{bi}3$: 3. deprem yüklemesinden oluşan burulma düzensizliđi katsayısı. $\Delta_i \text{max}3 / \Delta_i \text{ort}3$ [mm]
$\Delta_i \text{max}4$: Kat sütununda yazan katta 4. Deprem yüklemesinden (E4) hesaplanan maksimum görelî kat ötelemesi [mm]
$\Delta_i \text{min}4$: Kat sütununda yazan katta 4. Deprem yüklemesinden (E4) hesaplanan minimum görelî kat ötelemesi [mm]
$\Delta_i \text{ort}4$: $[\Delta_i \text{max}4 + \Delta_i \text{min}4] / 2$ [mm]
$\eta_{bi}4$: 4. deprem yüklemesinden oluşan burulma düzensizliđi katsayısı. $\Delta_i \text{max}4 / \Delta_i \text{ort}4$ [mm]
α	: A2-A3 düzensizlikte kullanılan aksın, global koordinat takımına göre açısı. [derece]
$x1, y1, x2, y2$: A2-A3 düzensizlikte kullanılan aksın global koordinat takımına göre koordinatları [m]
e	: Moment kolunun uzunluđudur. [m]
txu	: inci katta x eksenî dođrultusunda kolonun üst ucuna etkiyen kesme kuvvetidir [t]
tyu	: i'inci katta y eksenî dođrultusunda kolonun üst ucuna etkiyen kesme kuvvetidir. [t]
txa	: (i+1)'inci katta x eksenî dođrultusunda kolonun alt ucuna etkiyen kesme kuvvetidir. [t]
tya	: (i+1)'inci katta y eksenî dođrultusunda kolonun alt ucuna etkiyen kesme kuvvetidir. [t]
V_{ux}	: $txu * \sin [\arcsin(\text{aksa_ait_açı})]$ [t]
V_{uy}	: $tyu * \cos [\arcsin(\text{aksa_ait_açı})]$ [t]
V_{ax}	: $txa * \sin [\arcsin(\text{aksa_ait_açı})]$ [t]

Vay	: $t_y a \cdot \cos [\arcsin(\text{aksa_ait_açı})]$ [t]
Vu	: $V_{ux} + V_{uy}$ [t]
Va	: $V_{ax} + V_{ay}$ [t]
V	: $V_a - V_u$ [t]
M	: $V \cdot e$ [tm]
D	: Tahkikin yapıldığı kesitin yüksekliğidir. [m]
B	: Tahkikin yapıldığı kesitin genişliğidir. [m]
W	: Kesitin mukavemet momentidir [m ³]
Fctd	: Beton karakteristik hesap dayanımı. [Kg/cm ²]
Td	: Donatının basınç kuvvetidir. [t]
As	: Plağın her iki yüzüne de konulacak donatı miktarıdır. [cm ²]
tx1	: Alt uçta minör* aks doğrultusunda kesme kuvvetidir. [t]
ty1	: Alt uçta major* aks doğrultusunda kesme kuvvetidir. [t]
tz1	: Alt uçta normal (düşey) kuvvettir. [t]
mx1	: Alt uçta minör aks etrafında eğilme momentidir. [tm]
my1	: Alt uçta majör aks etrafında eğilme momentidir. [tm]
mb1	: Alt uçta kolon düşey eksen etrafında burulma momentidir. [tm]
tx2	: Üst uçta minör aks doğrultusunda kesme kuvvetidir. [t]
ty2	: Üst uçta majör aks doğrultusunda kesme kuvvetidir [t]
tz2	: Üst uçta normal (düşey) kuvvettir. [t]
mx2	: Üst uçta minör aks etrafında eğilme momentidir. [tm]
my2	: Üst uçta majör aks etrafında eğilme momentidir. [tm]
mb2	: Üst uçta kolon düşey eksen etrafında burulma momentidir. [tm]
Ae	: Herhangi bir katta, göz önüne alınan deprem doğrultusunda etkili kesme alanıdır.
Ag	: Herhangi bir katta, göz önüne alınan deprem doğrultusuna paralel doğrultuda perde olarak çalışan taşıyıcı sistem elemanlarının en kesit alanlarının toplamıdır.
Ak	: Herhangi bir katta, göz önüne alınan deprem doğrultusuna paralel kargir dolgu duvar alanlarının (kapı ve pencere boşlukları hariç) toplamıdır.

$\sum A_{w(i+1)}$: Bir üst kattaki kolon en kesiti etkin gövde alanları A_w 'ların toplamıdır. m ²
$\sum A_{g(i+1)}$: Bir üst katta göz önüne alınan deprem doğrultusuna paralel olarak perde olarak çalışan taşıyıcı sistem elemanlarının enkesit alanlarının toplamıdır. m ²
$\sum A_{k(i+1)}$: Bir üst katta göz önüne alınan deprem doğrultusuna paralel kagir dolgu duvar alanlarının (kapı ve pencere boşlukları düşülmüş) toplamıdır. m ²
$\sum A_{e(i+1)}$: Bir üst katta göz önüne alınan deprem doğrultusunda etkili kesme alanıdır. m ²
$\sum A_w(i)$: Kattaki kolon en kesiti etkin gövde alanları A_w 'ların toplamıdır. m ²
$\sum A_g(i)$: Katta göz önüne alınan deprem doğrultusuna paralel perde olarak çalışan taşıyıcı sistem elemanlarının enkesit alanlarının toplamıdır. m ²
$\sum A_k(i)$: Katta göz önüne alınan deprem doğrultusuna paralel kagir dolgu duvar alanlarının (kapı ve pencere boşlukları düşülmüş) toplamıdır. m ²
$\sum A_e(i)$: Katta göz önüne alınan deprem doğrultusunda etkili kesme alanıdır. m ²
Δ_{ci}	: Katın dayanım düzensizliği katsayısı
$\Delta_{i,ort1}$: Kat sütununda yazan katta 1. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi mm
$(\Delta_{i+1})_{ort1}$: Kat sütununda yazan kattın bir üst katında 1. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi. mm
η_{ki1}	: Kat sütununda yazan katta 1. deprem yüklemesinden hesaplanan rijitlik düzensizliği katsayısı.
$\Delta_{i,ort2}$: Kat sütununda yazan katta 2. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi. mm
$(\Delta_{i+1})_{ort2}$: Kat sütununda yazan kattın bir üst katında 2. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi. mm
η_{ki2}	: Kat sütununda yazan katta 3. deprem yüklemesinden hesaplanan rijitlik düzensizliği katsayısı
$\Delta_{i,ort3}$: Kat sütununda yazan katta 3. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi. mm
$(\Delta_{i+1})_{ort3}$: Kat sütununda yazan kattın bir üst katında 3. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi. mm
η_{ki3}	: Kat sütununda yazan katta 3. deprem yüklemesinden hesaplanan rijitlik düzensizliği katsayısı

Δ_{ort4}	: Kat sütununda yazan katta 4. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi. mm
$(\Delta_{i+1})_{ort4}$:Kat sütununda yazan kattın bir üst katında 4. deprem yüklemesinden hesaplanan ortalama görelî kat ötelemesi . mm
η_{ki4}	: Kat sütununda yazan katta 4. deprem yüklemesinden hesaplanan rijitlik düzensizliđi katsayısı.
$Vis1$:Binanın i. katında $(M_{ra} + M_{r\ddot{u}}) \cdot 1.2 (M_{ri} + M_{rj})$ denkleminin (Denklem 7.3) hem alttaki hem de üsteki düđüm noktalarında sađlandığı kolonlarda , 1. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$Vik1$:Binanın i. katında tüm kolonlarda 1. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$\alpha i1$:i. katta 1. deprem yüklemesinden hesaplanan $Vis1/Vik1$ oranı
$Vis2$:Binanın i. katında hem alttaki hem de üsteki düđüm noktalarında sađlandığı kolonlarda , 2. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$Vik2$: Binanın i. katında tüm kolonlarda 2. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$\alpha i2$:i. katta 2. deprem yüklemesinden hesaplanan $Vis2/Vik2$ oranı
$Vis3$:Binanın i. katında hem alttaki hem de üsteki düđüm noktalarında sađlandığı kolonlarda , 3. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$Vik3$:Binanın i. katında tüm kolonlarda 3. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$\alpha i3$:i. katta 3. deprem yüklemesinden hesaplanan $Vis3/Vik3$ oranı
$Vis4$:Binanın i. katında hem alttaki hem de üsteki düđüm noktalarında sađlandığı kolonlarda , 4. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$Vik4$:Binanın i. katında tüm kolonlarda 4. deprem yüklemesinden hesaplanan kesme kuvvetlerinin toplamı [t]
$\alpha i4$:i. katta 4. deprem yüklemesinden hesaplanan $Vis4/Vik4$ oranı
L	:Döşemenin ilgili dođrultudaki temiz açıklığı [m]
G	:Döşemenin sabit yükü [kg/m ²]
Q	:Döşemenin hareketli yükü [kg/m ²]
D	:Döşemenin yüksekliđi [m]

MSol	:İlgili doğrultunun solunda hesaplanan moment [tm]
ASol	:İlgili doğrultunun solunda (sol mesnet) olması gerekli donatı alanı [cm ²]
DntSol	:Sol mesnetteki ilave adet ve çapı
MAck	:İlgili doğrultunun açıklığında hesaplanan moment [tm]
ASack	:İlgili doğrultunun açıklığında olması gerekli donatı alanı [cm ²]
DntAck	:Açıklıktaki donatı adet ve çapı
MSağ	:İlgili doğrultunun sağında hesaplanan moment [tm]
ASağ	:İlgili doğrultunun sağında (sağ mesnet) olması gerekli donatı alanı [cm ²]
DntSağ	:Sağ mesnetteki ilave adet ve çapı

ŞEKİL LİSTESİ

		Sayfa No
Şekil 2.1	Çözülen Yapı Tipi	3
Şekil 2.2	Temel	6
Şekil 2.3	Dikdörtgen kolon	7
Şekil 2.4	Kiriş	8
Şekil 2.5	Panel	8
Şekil 2.6	Döşeme	9
Şekil 3.1	Tek ve çift doğrultuda çaltışan plak	9
Şekil 3.2	Kiriş Donatısı	13
Şekil 3.3	Kiriş Etriye Minimum Aralığı	17
Şekil 3.4	Nervür – Kaset	19
Şekil 3.5	Kolon Donatı Yerleri	21
Şekil 3.6	Kolon Etriye Aralığı	23
Şekil 3.7	Panel ve Perde donatısı	25
Şekil 3.8	Sürekli Temel donatısı	29
Şekil 4.1	Eşdeğer Deprem yükü	33
Şekil 4.2	Deprem kuvvetlerinin yükleme pozisyonları	33
Şekil 4.3	Katlara Etkiyen Kuvvetler	39
Şekil 4.4	Binanın Tasarımı	40
Şekil 4.5	Binanın katlarına etkiyen yatay kuvvetler	42
Şekil 4.6	A1 Burulma Düzensizliği	45
Şekil 4.7	A2 Düzensizliği Kontrolü	46
Şekil 4.8	A3 Düzensizliği	47
Şekil 4.9	A4 Taşıyıcı Sistem Eleman Eksenlerinin Paralel Olmaması	48
Şekil 4.10	B1 Komşu Katlar Arası Dayanım Düzensizliği	50
Şekil 4.11	B2 Komşu Katlar Arası Rijitlik Düzensizliği	51

Şekil 4.12	Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliği	52
Şekil 4.13	Mafsallı Bağlantılı Yapının Deplasmanları	54
Şekil 4.14	Rijit Bağlantılı Yapının Deplasmanları	54
Şekil 4.15	Katlara Etkiyen Kuvvetler	39

ÇİZELGE LİSTESİ

		Sayfa No
Çizelge 3.1	Gövde Demiri İçin H	16
Çizelge 3.2	Kolon Gövde Demiri İçin H	24
Çizelge 4.1	Eşdeğer deprem yükünün uygulanabileceği binalar	32
Çizelge 4.2	Eşdeğer deprem yükleri	34
Çizelge 4.3	Zemin sınıflarına göre spektrum karakteristik periyotları	35
Çizelge 4.4	Yerel zemin sınıfları	35
Çizelge 4.5.	Zemin Grupları	36
Çizelge 4.6	Ao Etkin Yer İvmesi Katsayısı	29
Çizelge 4.7	Bina Önem Katsayısı	29
Çizelge 4.8	Kat Ağırlıkları	40

ÖNSÖZ

Araştırma süresince bilgilerini benimle paylaşıp, her konuda desteğini esirgemeyen ve çalışmama yön veren Sayın Prof. Dr. Celal KOZANOĞLU' na yürekten teşekkürü ve sonsuz minneti bir borç bilirim.

Tez çalışmam boyunca daima yanımda varlığını hissettiren, bilgilerini ve manevi desteğini benimle paylaşan arkadaşım M.Nusret Öztürk ve Cemal Ercan'a sabrından dolayı Şirket Patronum Mustafa Barak'a teşekkür ederim.

Aileme, bu güne kadar bana her zaman güvendikleri, beni daima destekledikleri ve benim bu günlere gelmemi sağladıkları için sonsuz teşekkür ederim.

Arif AKIN

2009

ÖZET

Bu çalışmada rijit bağlantılı bir betonarme yapının kirişlerini mafsallaştırarak yeni bir betonarme yapı sisteminin İDECAD ile statik ve dinamik hesaplarını yapıp çıkan sonuçları karşılaştırarak rijit ve mafsal bağlantıların yükler altında göstermiş oldukları davranışlar incelenmiştir. Bu amaçla İDECAD Versiyon 5.511 Enterprise kullanılmıştır.

Hesap esasları TS 500-2000, DBYDH-2007 ve afet bölgelerinde yapılacak yapılar hakkında yönetmeliklerden yararlanılmış ve İDECAD programında hesaplamalar yapılmıştır. Örnek olarak seçilen yapının bulunduğu yerel zemin sınıfı Z3,1. deprem bölgesi, zemin emniyet gerilmesi $11,40 \text{ t/m}^2$ beton sınıfı C30 seçilmiş, çelik sınıfı S420 seçilip tasarım yapılmıştır. Bu verilere göre yapıya gelen yükler altında yapının davranışı ve gerekli donatı hesabı yapılmıştır.

Araştırma sonunda; Yapılan analizler sonucu rijit bağlantılı betonarme yapının mafsal bağlantılı betonarme yapıya göre daha az deplasman yaptığından dolayı yapılacak olan betonarme yapıların bağlantıları rijit olarak yapılıp buna göre hesap yapılacağı anlaşılmıştır.

ABSTRACT

In this exercise the process and behavior performed by hinge traverse and rigid under force after a new concrete construction system was analyzed according to the results of results of the static and dynamic calculations by the help of IDECAD program.

Calculation guidelines TS 500-2000,DBYDH-2007 and about the buildings will be constructed in the disaster areas have been benefited from and also calculated in IDECAD. The location of sample structure is defined as Z3, earthquake level 1, the allowable stress $11,40t/m^2$, concrete class is chosen as C30, steel class is chosen and desinger as S420. According to these data, the behavior of structure and the required equipment Calculation have been made.

At the of the research; as a result of the analyses, it has been understood that the structure made by rigid-connected concrete makes less displacement than hing connected concrete structure and because of that the connection of the concrete constructions will be made as rigid-connection and their calculations will be made according to these data.

1.GİRİŞ

1.1 Genel

Hızla artan nüfusu, devam eden kentleşme olgusu, büyük ölçüde alt yapı ve konut gereksinimleri nedeniyle, ülkemiz ekonomisinde inşaat sektörünün her zaman ağırlıklı bir yeri olmuştur. İnşaat sektöründe teknolojiye dayalı endüstriyel üretim prefabrikasyondur. Yapıyı veya yapıları sistematik bir tasarım içerisinde tekrarlanabilir elemanlara ayırmak, çok sayıda elemanı fabrika koşullarında endüstriyel yöntemlerle üretmek ve onları şantiyede uygun yöntemlerle birleştirmekten oluşan prefabrikasyon, planlamaya, programlamaya ve kontrole yatkın yapısı nedeniyle, inşaata yüksek hız, yüksek verimlilik, yüksek kalite kazandırmakta ve sonuçta ekonomik olmaktadır.

İhtiyaca çözüm olarak, prefabrike betonarme yapılar hızla gelişmiştir. Çok katlı Prefabrik betonarme yapıların deprem altındaki davranışının ilk bakışta genellikle çok basit olduğu görülmektedir. Halbuki sistemdeki süreksizlikler, yapılan analizi ve tasarımı oldukça kolaylaştırmasına rağmen yapının dinamik yükler altındaki gerçek davranışını basitleştirmek bir yana dahada karmaşıklaştırmaktadır.

Betonarme binaların tasarımı ve analizi betonarmenin davranışındaki bilinmezliklerden dolayı oldukça zor iken, birde prefabrik binalardaki sistem süreksizliğinin bu zorluğa eklenmesi sistemin dinamik yükler altındaki davranışının anlaşılmasını oldukça güçleştirir. Yapılan projelerin yürürlükteki yasa ve yönetmelikler ile prefabrikasyon teknolojisinin gereklerine uygunluğu büyük önem taşır.

1.2. Literatür Araştırması

Prefabrike yapılar, birçok prefabrike beton, betonarme veya öngerilmeli beton elemanların bileşimi ile oluşturulabilmektedir. Bu elemanlar prefabrike kolon, kiriş, döşeme ve duvar elemanları gibi taşıyıcı veya parapetler, güneş kırıcı cephe elemanları gibi yük taşımayan elemanlar olabilmektedir.

Prefabrike yapıların statik hesapları ve elemanların boyutlandırılması birleşimlerdeki kuvvet aktarımı ve davranışlara göre yapılmıştır. Kayma göçmesini önlemek için Kayma – Sürtünme Metodunu ilk olarak Birkeland ve Birkeland (1966) tarafından araştırılmıştır. Hofbeck, İbrahim ve Mattock (1969) prefabrik elemanların birleşim noktalarında davranışını incelemek amacı ile yaptıkları deneylerde; kayma düzleminde ön çatlak hali için kayma transfer mukavemetinin hesaplanmasında kayma – sürtünme teorisinin kullanıp kullanılmayacağı araştırılmıştır.

Prefabrike yapıların statik hesaplarında önemli bir yer tutan konsolların tasıma gücüne göre projelendirilmesinde konsol boyutunun belirlenmesinde Bucker ve Mehmel (1965) beton basınç yüksekliğini $x = d / 5$ gibi sabit olarak alınmasını önermiş ve Robinson (1969) $x = d / 4$ olarak kabul etmiştir. Hagberg (1966) enerji teoremlerini kullanarak konsol içindeki donatının konumunu incelemiş ve gergi olarak yatay kullanılan donatı konumunun en etken olduğunu ve yük taşınmasında esas rolü oynadığı sonucuna varmıştır. Araştırmalar özellikle konsol basınç tarafına kolon-konsol ara yüzeyindeki kayma gerilmeleri üst sınırına yoğunlaşmış ve eğimli basınç elemanı olarak teşekkül eden basınç etkisini belirlemek için deneysel çalışmalar yapılmıştır. Günümüzde Kaplan (1998) kolon –konsol kesitinde donatı gerilmesi ile donatı kesit alanı çarpılarak iç kuvvet bulunmuş, iç kuvvet ile uygulanan yük arasında doğrusal ilişki olduğu belirlenmiştir.

Prefabrike yapılarda bütünlük sağlanması için elemanların konumunda, donatı detayı ve yerleşiminde, katı birleşim detaylarında az miktarda değişikliklerle, yapının genel bütünlüğü önemli ölçüde yükseltilir. Demiralp (1996) tek katlı yapılarda kullanılan iyileştirilmiş bir prefabrik bağlantının deprem davranışı olarak incelemiştir.

Bu nedenle yapılan çalışmada bütün bu detaylar değerlendirilip toplanarak eleman boyutlarının tespiti ve analizi kayma, sürtünme, eğilme tahkikleri dikkate alınarak afet bölgelerinde yapılacak yapılar hakkında yönetmeliğe uygun olarak hesaplanmıştır.

1.3. Yapılan Çalışmanın Amacı

Yapılan çalışmada ülkemizdeki 2007 yılında yürürlüğe giren mevcut Deprem yönetmeliği baz alınarak (DBYDH-2007) tasarlanmış 4 katlı betonarme yapıyı ideCAD 'de tasarlayıp betonarme yapıların mesnet kısımlarına mafsallı özelliği kazandırarak analiz edilip çıkan sonuçları inceleyip hareketli yüklerden doğacak karşı momentlerin büyük oranda emilmesini sağlayarak daha güvenli karkas sistemler ve daha ekonomik yapılar oluşturulabilir oluşturulamayacağını karşılaştırmak ve rijit bağlantı ve mafsallı bağlantılar arasındaki ilişkiyi incelemek.

Yapmış olduğumuz mafsallı yapı tasarımında betonarme elemanlar üzerinde durduk, bunun sebebi özellikle ülkemizde konut yapılarının tasarımında betonarme tekniklerinin kullanılmasıdır. Çalışmamızda en çok betonarme yapıların yükler altında oluşturduğu zayıflığın mesnet noktalarında ani kırılmalar olarak ortaya çıkması ve kolon ve kiriş elemanlarının mesnetlere göre oldukça az hasar olması dikkat çekmektedir. Bu sebeple mesnet elemanları üzerinde çalışmalar yapılmıştır. Mesnetlerde oluşan maksimum gerilmeleri azaltmak için mesnetlere mafsallı özelliği kazandırılarak daha güvenli betonarme yapılar tasarlanmak hedeflenmiştir. Dolayısıyla yapı modelimize prefabriklik özelliği kazandırılmıştır. Çalışmamızda model olarak 4 katlı basit bir betonarme konut yapısı seçilmiştir.

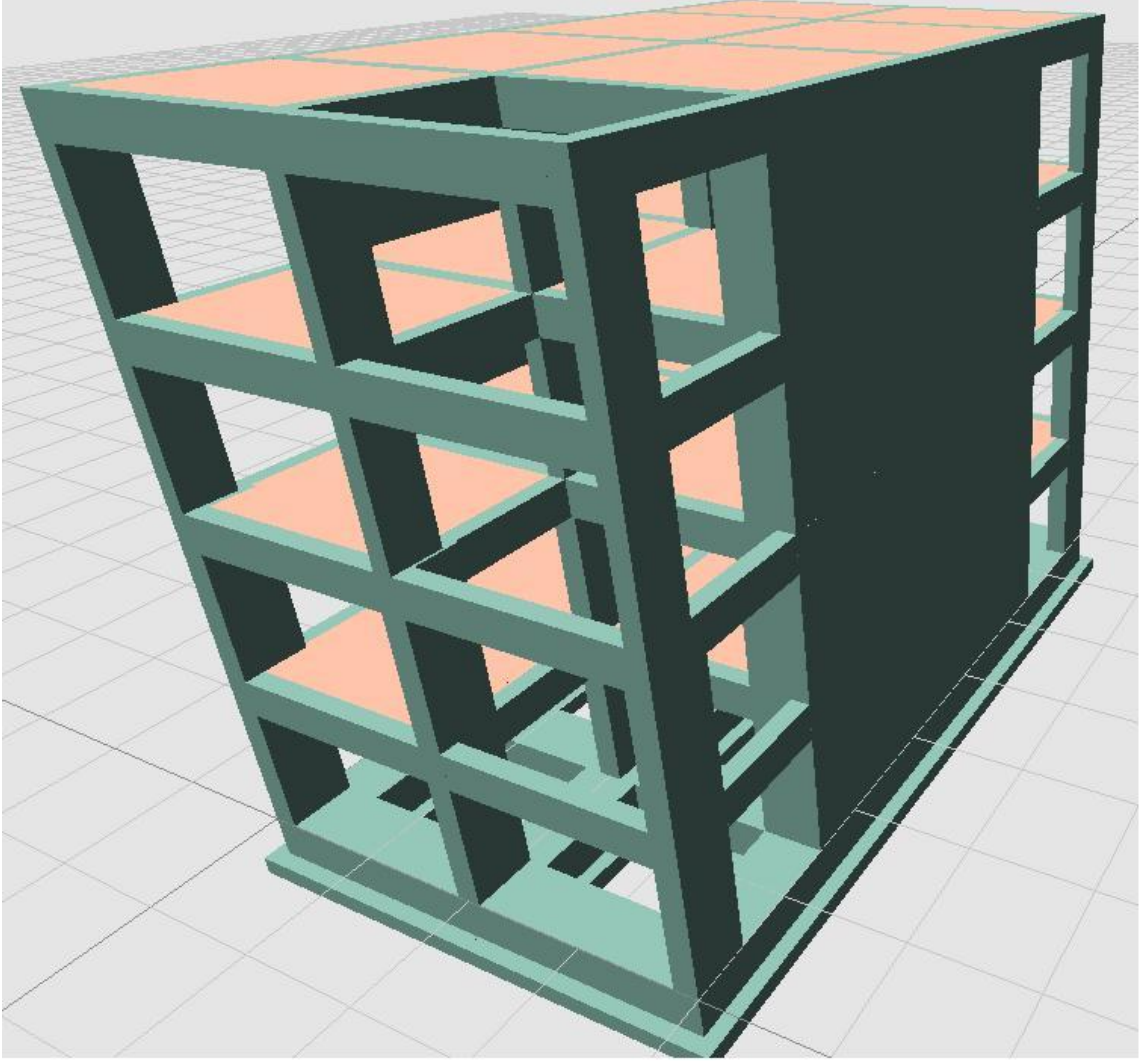
1.4. Çalışmanın Kapsamı

Bölüm 2'de yapı tasarımı ve yapı elemanları tanıtılmıştır. Bu bölümde yapının genel ayarları ve kullanılan yapı elemanlarının boyutlarının tasarım kriterleri incelenmiştir.

Bölüm 3'te yapı parametreleri tanıtılmıştır. Kullanılan yapı elemanlarının hesaplamaları ve donatıların minimum koşullarının hesapları incelenmiştir.

Bölüm 4'de yapının hesap yöntemleri gösterilmiştir. Yapının deprem analizi, dinamik analizinin ve kalan tüm elemanlarının analizleri tek tek incelenmiştir. Örnek olarak 4 katlı basit bir betonarme yapı seçilmiştir.

2.YAPI TASARIMI VE YAPI ELEMANLARI



Şekil (2.1) Çözülen Yapı Tipi

2.1.TASARLANAN YAPININ GENEL ÖZELLİKLERİ

Kat sayısı	: 4
Yapı önem kat sayısı	: 1
Taşıyıcı sistem davranış katsayısı R(x)	: 6.99
Taşıyıcı sistem davranış katsayısı R(y)	: 6.99
Deprem bölgesi	: 1

Etkin yer ivme katsayısı	: 0.40
Zemin sınıfı	: Z3, Ta=0.15 , Tb=0.60
Zemin emniyet gerilmesi	: 11.40 t/m ²
Yatak kat sayısı	:2160.00 t/m ³
Beton sınıfları	: C30(BS30)
Çelik sınıfları	: ST420
Beton birim hacim ağırlığı	: 2.50 t/m ³
Beton güvenlik kat sayısı	: 1.50
Çelik güvenlik kat sayısı	: 1.15
Zati yük faktörü	: 1.40
Hareketli yük faktörü	: 1.60
Yönetmelik	: TS500-2000 TDY 2007
Betonarme hesap yöntemi	: Taşıma gücü
Deprem belirleme yöntemi	: Mod birleştirme yöntemi (Dinamik)
Temel analiz yöntemi	: Elastik zemine oturan temel

2.2.KULLANILAN YAPI ELEMANLARININ ÖZELLİKLERİ**2.2.1.TEMELLER****2.2.1.1.SÜREKLİ TEMEL**

Genişlik= 100 cm

Yükseklik= 100 cm

Üst H1 = 30 cm

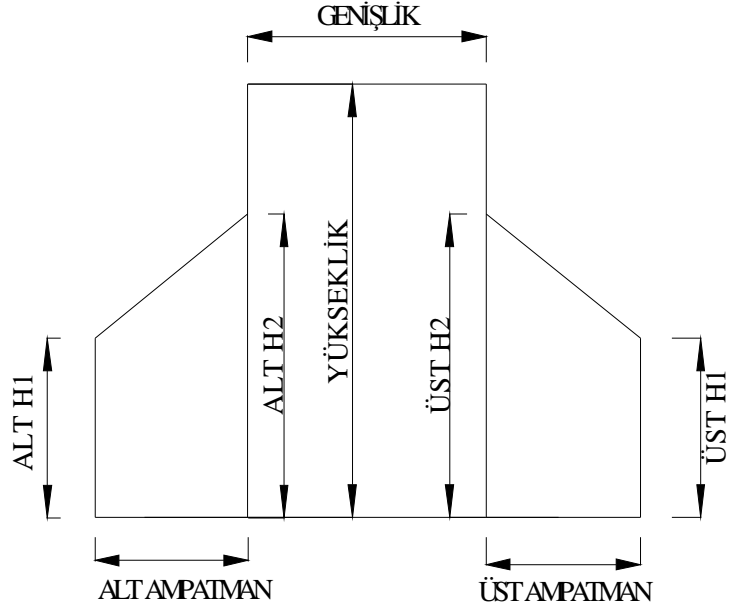
Üst H2= 30 cm

Üst Ampatman = 25 cm

Alt H1= 30 cm

Alt H2= 30 cm

Alt Ampatman=25cm



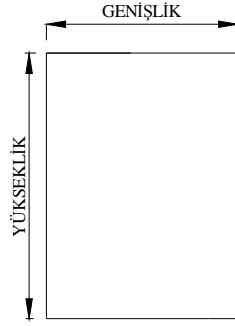
Şekil (2.2) Temel

2.2.2.KOLONLAR

2.2.2.1.DİKDÖRTGEN KOLONLAR

ZEMİN KAT -1.KAT-2.KAT-3.KAT KOLONLARININ BOYUTLARI

S1-S2-S3-S4-S5-S6-S7 -S9-S10-S11-S12-S13-S14-S15 KOLONLARININ



Şekil (2.3) Dikdörtgen Kolon

Genişlik= 100 cm

Yükseklik= 40 cm

S8 KOLON

Genişlik= 50 cm

Yükseklik= 50 cm

2.2.3.KİRİŞLER

ZEMİN KAT-1.KAT-2.KAT-3.KAT KİRİŞLERİN BOYUTLARI

K1-K2-K3-K4-K5-K6-K7-K8-K9-K10-K11-K12-K13-K14-K15-K16-K17-K18 KİRİŞLER

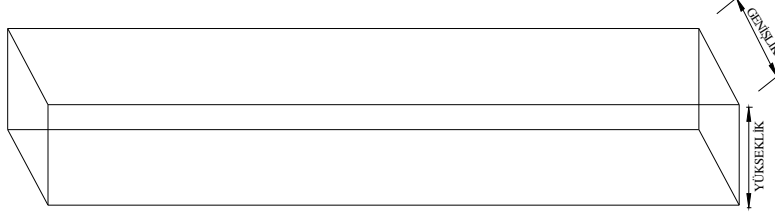
Genişlik= 30 cm

Yükseklik= 60 cm

Kiriş uçlarındaki mafsallaşma

Gama i = 0,0001

Gama j = 0,0001

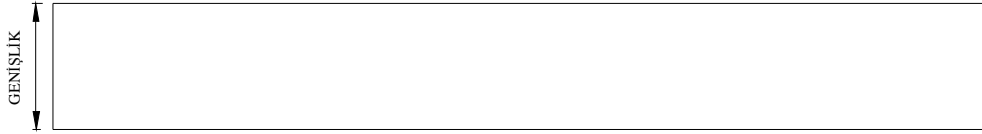


Şekil (2.4) Kiriş

2.2.4.PANEL

Genişlik= 50 cm

Panel Uzunluğu = 270 cm



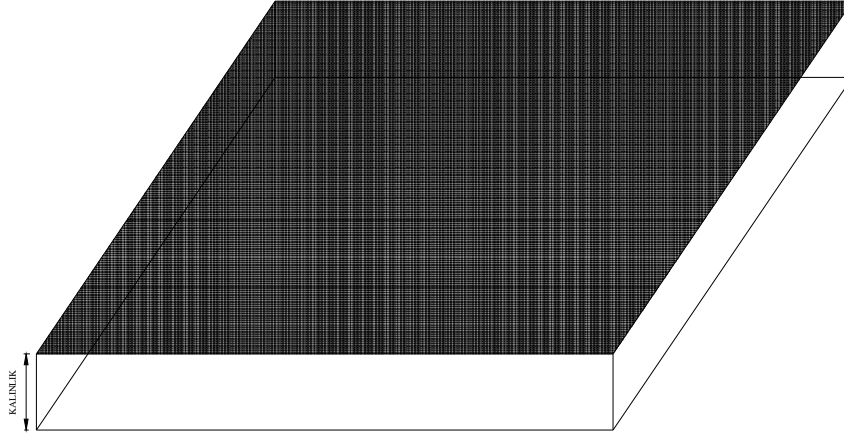
Şekil (2.5) Panel

2.2.5.DÖŞEMELER

Kalınlık= 12 cm

$G = 450 \text{ kg/m}^2$

$Q = 200 \text{ kg/m}^2$

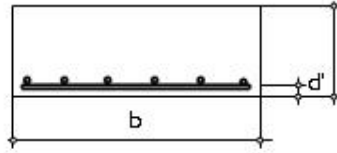


Şekil (2.6) Döşeme

3.YAPI PARAMETLERİ

3.1.Döşeme Parametreleri

Tek ve çift doğrultuda çalışan plak döşemeler için değiştirilebilir parametreler şunlardır.



Şekil (3.1) Tek ve çift doğrultuda çalışan plak

Tek ve çift doğrultuda çalışan plak döşemeler için değiştirilebilir parametreler şunlardır.

3.1.1.Pas payı

Radye Döşeme içindeki çekme donatısının ağırlık merkezinden betonun dış yüzüne olan mesafesidir. Birimi cm' dir. Varsayılan değeri $d'=1.5$ cm' dir.

3.1.2.Minimum Asal Çekme Pursantajı

Çift doğrultuda çalışan plak döşemelerde, döşemenin kısa kenar doğrultusundaki çekme pursantajıdır. Varsayılan değer 0.0025'dir. Döşemenin açıklığında, hesap sonucunda bulunan momentten donatı alanı hesaplanır. Bu alan, ayrıca Minimum Çekme Pursantajı kullanılarak hesaplanan minimum donatı alanıyla karşılaştırılır. Hangisi büyük ise o alan kullanılır ve döşemenin kısa kenar doğrultusuna o alandan bulunan donatı miktarı atılır.

12 cm yüksekliğinde, pas payı 1.5 cm olan bir döşemenin kısa kenar doğrultusunda hesapla bulunan momenti 0.34 tm olsun. Bu döşemenin kısa kenar doğrultusuna konulacak donatı aşağıdaki yöntemle hesaplanır.

100 cm genişliğinde, 12 cm yüksekliğinde, 1.5 cm pas payı ve 0.27 tm için donatı alanı hesaplanır. (BS16 ve S220 için $A_s=1.71$ cm²)

Minimum donatı, $A_{smin}= b * (d-d') * MinÇekmePur$ (Denklem.2.1)

$$= 100 * 10.5 * 0.0025 = 2.62 \text{ cm}^2$$

$A_{smin} > A_s$ olduğundan kullanılacak donatı miktarı **Asgereken=2.62 cm²** dir.

Minimum asal çekme pursantajı büyüdükçe kesite konulacak minimum donatı miktarı artar.

3.1.3.Minimum Diğer Çekme Pursantajı

Çift doğrultuda çalışan plak döşemelerde, döşemenin uzun kenar doğrultusundaki çekme pursantajıdır. Varsayılan değer 0.0025'dir. Döşemenin açıklığında, hesap sonucunda bulunan momentten donatı alanı hesaplanır. Bu alan, ayrıca Minimum Diğer Çekme Pursantajı kullanılarak hesaplanan minimum donatı alanıyla karşılaştırılır. Hangisi büyük ise o alan kullanılır ve döşemenin uzun kenar doğrultusuna o alandan bulunan donatı miktarı atılır.

$b=100$ cm genişliğinde, $d=12$ cm yüksekliğinde, $d'=1.5$ cm pas payı ve $M=0.42$ tm için donatı alanı hesaplanır. (BS20 ve S220 için $A_s=2.128$ cm²)

Minimum donatı hesaplanır. $A_{smin}= b * (d-d') * MinDiğerÇekmePur$

$$= 100 * (12 - 1.5) * 0.0025 = 2.62 \text{ cm}^2$$

Asmin > As olduğundan kullanılacak donatı miktarı **Asgereken=2.62 cm²** dir.

Minimum diğer çekme porsantajı büyüdükçe kesite konulacak minimum donatı miktarı artar.

Donatı yerleştirirken, iki doğrultudaki donatı üst üste geldiğinden, bir doğrultudaki faydalı yüksekliğin(d-d') diğerinden değişik olması doğaldır. Ancak her iki doğrultudaki faydalı yüksekliğin aynı alınmasında bir sakıca yoktur. (Uğur Ersoy, Betonarme 2 Sy:34, Ağustos 1995)

3.1.4. Minimum Hurdi Porsantajı

Uzun kenarı kısa kenarından 2 kat daha fazla olan plak döşemelerde (Luzun/Lkısa≥2), kısa kenar doğrultusundaki çekme porsantajıdır. Varsayılan değer 0.0025'dir. Döşemenin açıklığında, hesap sonucunda bulunan momentten donatı alanı hesaplanır. Bu alan, ayrıca Minimum Hurdi Porsantajı kullanılarak hesaplanan minimum donatı alanıyla karşılaştırılır. Hangisi büyük ise o alan kullanılır ve hurdi döşemenin kısa kenar doğrultusuna o alandan bulunan donatı miktarı atılır.

$$\text{Minimum donatı, Asmin} = b * (d-d') * \text{MinHurdiPur}$$

3.1.5. Minimum Hurdi Diğer Porsantajı

Uzun kenarı kısa kenarından 2 kat daha fazla olan plak döşemelerde (Luzun/Lkısa≥2), uzun kenar doğrultusundaki çekme porsantajıdır. Varsayılan değer 0.0005'dir. Döşemenin açıklığında, hesap sonucunda bulunan momentten donatı alanı hesaplanır. Bu alan, ayrıca Minimum Hurdi Porsantajı kullanılarak hesaplanan minimum donatı alanıyla karşılaştırılır. Hangisi büyük ise o alan kullanılır ve hurdi döşemenin kısa kenar doğrultusuna o alandan bulunan donatı miktarı atılır.

$$\text{Minimum donatı, Asmin} = b * (d-d') * \text{MinHurdiDiğerPur}$$

3.1.6. Minimum Donatı Aralığı

Birimi cm' dir. Plak döşemelerde donatı seçilirken, bu parametre dikkate alınır. İki donatı arasındaki mesafe minimum donatı aralığından az kalırsa donatı çapı arttırılır. Varsayılan değer 10 cm' dir. Kullanıcı bu değeri değiştirmedeği sürece iki donatı arasındaki mesafenin 10 cm' in altına düşmesine müsaade edilmez.

Donatı arttırmada kullanılacak donatı çapları, Betonarme menüsü altında bulunan Donatı Seçimi diyalogunda bulunmaktadır. Bu diyalogta kullanıcı plak döşemeler için hangi donatıların kullanılacağını işaretler. Donatı seçimi bu diyalogta izin verilen çaplar için yapılır. Örneğin kullanıcı bu çapları, 8'lik, 10'luk olarak işaretlemiş

olsun. İki donatı arasındaki minimum aralık önce 8'lik, sağlamıyorsa, sonra 10'luk donatı için bakılır. 10'luk donatı için de iki donatı arasındaki minimum donatı aralığı yeterli değilse, arttırılacak yeterli donatı çapı işaretlenmediği için program **eksik alan(eksikAs)** uyarısı verecektir. Bu durumda kullanılabilir donatı çapları, Donatı Seçimi diyalogunda yeterli sayıda işaretlenmelidir.

Programda, b=100 cm genişliğinde, d=14 cm yüksekliğinde, d'=1.5 cm pas payı ve M=1.919 tm değerlerine sahip bir döşemede donatı aralığının belirlenmesi. Parametrelerde iki donatı arasındaki minimum mesafe 10 cm.

Minimum donatı hesaplanır. $As_{min} = b * (d - d') * MinÇekmePur$

$$= 100 * (14 - 1.5) * 0.0025 = 3.125 \text{ cm}^2$$

$As > As_{min}$ olduğundan kesite konulacak donatı **Asgereken=8.538 cm²** 'dir.

Önce 8'lik donatı için, seçilen $\phi 8/6$ (8.38 cm²), $6 < 10$ olduğundan, 10'luk donatıya geçilir. 10'luk donatı için seçilen $\phi 10/9$ (8.73 cm²), $9 < 10$ olduğundan çap arttırılmalıdır. Donatı seçimi 12'lik donatı için yapılır. Seçilen donatı $\phi 12/13$ (8.7 cm²), $13 > 10$ olduğundan kullanılacak donatı **$\phi 12/13$ ($\phi 12/13$ düz + $\phi 12/13$ pilye)** 'dir.

Donatı Seçiminde sadece 8'lik ve 10'luk donatı işaretlenmiş olsaydı, program 10'luk donatıdan fazla donatı atamayacağı için, program bu döşeme için EksikAs uyarısı yapacaktı.

3.1.7.Maksimum Donatı Aralığı

Birimi cm, varsayılan değeri 20 cm' dir. İki donatı arasındaki mesafe bu parametrede yazılan değerden fazla olamaz. Maksimum donatı aralığı x*d parametresiyle birlikte kullanılır.

Maksimum donatı aralığı x*d

Bu parametrenin varsayılan değeri 1.5 ' dir. Bu parametrede yazılan değer ile plak kalınlığı çapılır. Bulunan değer maksimum donatı aralığıdır ve iki donatı arasındaki mesafe bu parametreden hesaplanan değerden fazla olamaz.

Programda, b=100 cm genişliğinde, d=12 cm yüksekliğinde, d'=1.5 cm pas payı ve M=0.249 tm değerlerine sahip bir döşemede donatı aralığının belirlenmesi. Parametrelerde Maksimum Donatı aralığı 20 cm, Maksimum donatı aralığı x*d değeri 1.5 olarak girilsin.

M=0.249 tm için donatı alanı hesaplanır. BS20 ve S220 için $As=1.07 \text{ cm}^2$

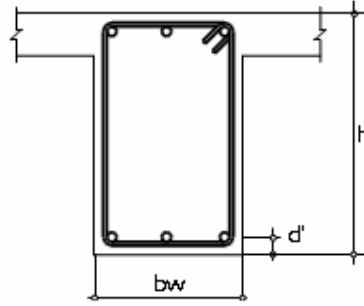
Minimum donatı hesaplanır. $As_{min} = b * (d - d') * MinÇekmePur = 100 * (12 - 1.5) * 0.0025 = 2.625 \text{ cm}^2$

$As_{min} > As$ olduğundan kesite konulacak donatı **Asgereken=2.625 cm²** 'dir.

Maksimum donatı aralığı, 20 cm ve $1.5d=1.5*12=18$ cm, iki donatı arasındaki mesafe 18 cm'i geçemez.

8'lik donatı için bakılırsa, seçilen donatı **$\phi 8/18(2.79 \text{ cm}^2)$ ($\phi 8/36$ düz + $\phi 8/36$ pilye)** 'dir.

3.2.Kiriş Parametreleri



Şekil (3.2) Kiriş Donatısı

3.2.1.Pas payı

Kiriş içindeki çekme veya basınç donatısının ağırlık merkezinden betonun dış yüzüne olan mesafesidir. Birimi cm' dir. Varsayılan değeri $d'=3$ cm' dir.

3.2.2.Minimum Açıklık Çekme Pürsantajı

Varsayılan değeri 0.003 'dür. Kirişte çekme bölgesine konulacak minimum donatıyı belirleyen parametredir. Bu parametre kirişte açıklığında alta ve kiriş mesnedinde üstte kullanılır. Donatı hiçbir koşulda bu parametreyle belirlenen sınırdan az olamaz.

Minimum donatı, $A_{smin} = \text{Min} \text{Çekme Pürsantajı} * bw * (h-d')$ olarak hesaplanır. Ayrıca,

$$A_{smin} \geq 0.8 \frac{f_{ctd}}{f_{yd}} \quad (\text{Denklem.2.2})$$

koşuluna bakılır.

Ashesap, hesap momentinden(en olumsuz kombinezondan hesaplanan momentte) ulunan donatı miktarı olmak üzere,

Asmin < Ashesap ise kesite konulacak donatı miktarı Ashesap,

Asmin > As hesap ise kesite konulacak donatı miktarı Asmin olmaktadır.

Programda, 25/50 boyutlarında açıklıkta M=1.737 tm momente sahip, pas payı d'=3 cm olan, minimum açıklık çekme pürsantajı 0.003 olan bir kiriş konulacak donatının belirlenmesi,

M=1.737 tm için kesitin betonarmesi yapılır. BS20 ve S220 için Ashesap=1.95 cm² bulunur.

Minimum donatı hesaplanır. Asmin=0.003*25*(50-3)=3.525 cm² ve Asmin= 0.8* 25*(50-3)*10.667/1910.03=5.24 cm²

Asmin > Ashesap olduğundan kesite konulacak donatı alanı, As=5.24 cm² dir.

Kirişlerde mesnette üstteki çekme bölgesinde minimum donatı oranı için, deprem yönetmeliğinde belirtilen ve aşağıdaki bağıntıda verilen koşula mutlaka uyulmaktadır.

$$A_{ti} \geq \frac{f_c t d}{f_y d} \quad (\text{Denklem.2.3})$$

Dolayısıyla mesnette üstte konulacak minimum donatı alanı,

$$\text{Minimum Üstte Çekme Donatısı Alanı} = b_w * (h-h') * \rho \quad (\text{Denklem.2.4})$$

Deprem yönetmeliğinde belirtilen "1. ve 2. Derece deprem bölgelerinde, taşıyıcı kirişlerde mesnette bulunan alttaki basınç donatısı, aynı mesnedin üstünde bulunan çekme donatısının %50'sinden daha az olamaz. Ancak 3. ve 4. Deprem bölgelerinde bu oran %30'a indirilebilir" maddesine programda uyulmaktadır. Buna göre,

1. ve 2. Deprem bölgelerinde,

$$\text{Minimum Altta Basınç Donatısı Alanı} = \text{Mesnette Üstteki Mevcut Donatı} / 2$$

3. ve 4. Deprem bölgelerinde,

$$\text{Minimum Altta Basınç Donatısı Alanı} = 3 * \text{Mesnette Üstteki Mevcut Donatı} / 10$$

olacaktır.

3.2.3.Maksimum Pursantaj

Varsayılan değeri 0.02' dir. Kirişe konulacak çekme donatısının(mesnette üst donatı, açıklıkta alt donatı) üst sınırını belirler. Donatı hiçbir koşulda bu parametreyle belirlenen sınırdan fazla olamaz. Fazla olması durumunda program maksimum pursantajın fazla olduğu kiriş için “kesit yetersiz” mesajı verecektir.

Programda açıklıkta M=18.562 tm momentine sahip bir bw=25 H=50 cm boyutlarında pas payı d'=3 cm olan kirişin BS20 ve S220 malzemeleri için donatısı As=18.562 cm² bulunmuştur. Bu kirişin maksimum pursantaj kontrolü aşağıdaki gibi yapılır.

Kiriş pursantajı hesaplanır.

$$\rho = \frac{A_s}{b_w (h - h')} = \frac{18.562}{25(50 - 3)} = 0.027$$

(Denklem.2.5)

olarak bulunur.

$\rho = 0.027 > 0.02$ olduğu için bu kirişte kesit yetersizdir. Kirişin boyutları yeterince büyütülmelidir.

Deprem yönetmeliğinde kiriş maksimum pursantajı değeri 0.02 olarak verilmiştir. Kullanıcı programda bu parametreyi 0.02'den büyük tanımlasa bile, program maksimum pursantajı deprem yönetmeliğinin ön gördüğü 0.02 olarak kullanacaktır. Kullanıcı bu parametreyi ancak 0.02 den küçük bir tanımlayabilir.

3.2.4.Çift Etriye İçin Min. B

Birimi cm, varsayılan değeri 40 cm.' dir. Kiriş genişliği bu parametreyle karşılaştırılır. Kiriş genişliği bu parametrede yazan minimum genişlik değerini aşmadığı sürece kirişler çift kollu bir etriye ile donatılırlar. Aksi durumda 2 tane çift kollu etriye ile donatılırlar. Donatılma projede bulunan tüm kirişler için yapılır.

Ayrıca, Kiriş Ayarları diyalogunda Statik/Betonarme sekmesinde Çift Etriye seçeneği işaretlenirse, Çift Etriye İçin Min B parametresine bakılmadan o kiriş çift etriye ile donatılırlar. Başka bir deyişle bu ayar hangi kiriş veya kirişler için yapıldıysa sade o kiriş ve kirişlere çift etriye atılır.

3.2.5.Gövde Demiri İçin H

Birimi cm, varsayılan değeri 60 cm' dir. Kiriş yüksekliği bu parametrede yazan değerden fazla ise kirişe gövde donatısı yerleştirilir.

Minimum gövde donatısı alanı,

$A_{sgovde}=0.001*b*(h-d')$ bağıntısından hesaplanır. Bu donatı, gövdenin iki yüzüne eşit olarak, en az 10 mm çaplı çubuklardan ve çubuk aralığı 30 cm'yi geçmeyecek şekilde düzenlenir.

Programda parametrede girilen değer ne olursa belirtilen gövde donatısının düzenlenmesine ilişkin Deprem Yönetmeliğinde belirtilen koşullara mutlaka uyulur.

Deprem yönetmeliğinde bu koşul, “kiriş yüksekliği, serbest açıklığın $\frac{1}{4}$ 'ünden fazla olmamalıdır. Aksi durumda kiriş yüksekliğinin her iki yüzüne, kiriş yüksekliği boyunca gövde donatısı konulacaktır. Toplam gövde donatısı alanı, sağ ve sol mesnet kesitlerinde üst ve alt boyunca donatı alanları toplamının en büyüğünün %30'undan daha az olmayacaktır. Gövde donatısı çapı 12 mm' den az, aralığı ise 300 mm' den fazla olmayacaktır.” Olarak belirtilmiştir.

Bu durumda kiriş yüksekliği serbest açıklığının $\frac{1}{4}$ 'ünden fazla ise, deprem yönetmeliğindeki koşul, değilse, bu parametrede belirtilen koşul dikkate alınacaktır.

Kullanıcı, kirişlere konulacak gövde donatılarının çapını Gövde Çapı parametresiyle belirleyebilmektedir. Gövde Çapı parametresinin varsayılan değeri 12 mm' dir ve değiştirildiği takdirde, koşullar ne olursa olsun değiştirilen değer gövde donatısı çapı olarak dikkate alınacaktır.

Varsayılan değerlerle kirişe konulacak gövde donatısı sayıları(Gövde Demiri İçin H=60; Gövde Çapı=12, In kiriş serbest açıklığı),

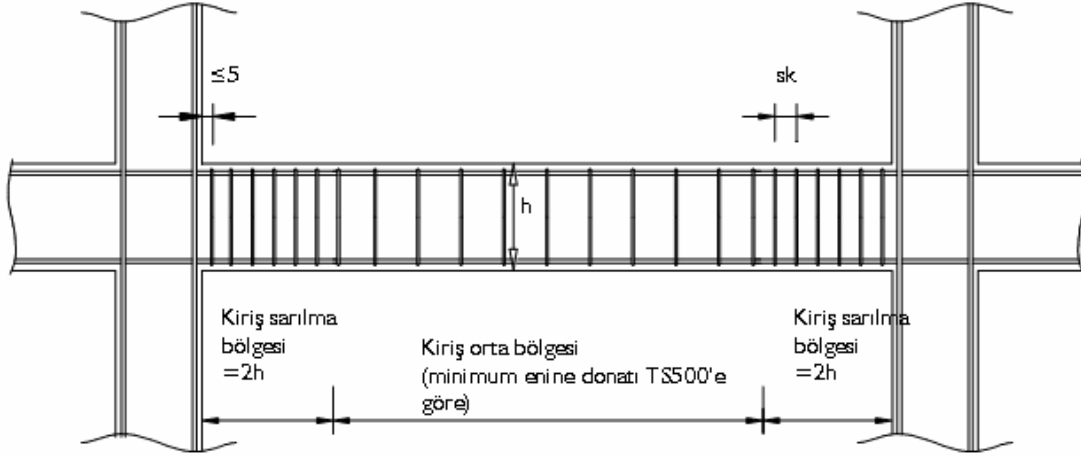
Koşul	Kiriş yüksekliği (h) 61-90 cm için	Kiriş yüksekliği (h) 91-119 cm için	Kiriş yüksekliği (h) >119 için
$h \geq l_n/4$	2 ϕ 12	4 ϕ 12	Her 30 cm' de 4 ϕ 12 ye ek 2 ϕ 12
$h < l_n/4$	<p>Alan1 = SolMesnetMevcutÜstDonatı + SolMesnetMevcutAltDonatı</p> <p>Alan2 = SağMesnetMevcutÜstDonatı + SağMesnetMevcutAltDonatı</p> <p>Alan = alan1 ve alan2' den büyük olanı</p> <p>GövdeDonatısıAlanı=0.3 * alan, aralık=en fazla 30 cm</p>		

Çizelge (3.1) Gövde Demiri İçin H

SolMesnetMevcutÜstDonatı, SolMesnetMevcutAltDonatı, SağMesnetMevcutÜstDonatı, SağMesnetMevcutAltDonatı değerleri Betonarme menüsünde Kiriş Betonarme diyalogunda Donatı alanları sekmesinde verilmektedir.

3.2.6.Etriye Minimum Aralığı

Birimi cm, varsayılan değeri ise 5 cm' dir. Programda kiriş sarılma bölgesine konulacak etriyenin aralığı(sk) bu parametrede belirtilen değerden az olmayacak şekilde seçilir.



Şekil (3.3) Kiriş Etriye Minimum Aralığı

Deprem yönetmeliğinde belirtilen etriye aralığı ile ilgili koşullar, programda otomatik uygulanmaktadır. Etriye Minimum Aralığı parametresine yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluşturursa kullanılır. Başka bir deyişle bu parametre 5 ' den az bir değer verilse bile deprem yönetmeliğinde minimum $sk=5$ olduğundan her koşulda $sk=5$ alınır. Deprem yönetmeliğinde kiriş sarılma bölgesindeki etriye için belirtilen koşullar şunlardır.

$$sk \geq 5, \quad sk \leq h/4, \quad sk \leq 8\phi \quad (\phi = \text{en küçük boyuna donatı için}), \quad sk \leq 150 \text{ mm}$$

3.2.7.Etriye Maksimum Aralığı

Birimi cm, varsayılan değeri ise 10 cm' dir. Programda kiriş sarılma bölgesine konulacak etriyenin aralığı(sk) bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

Deprem yönetmeliğinde belirtilen etriye aralığı ile ilgili koşullar, programda otomatik uygulanmaktadır. Etriye Maksimum Aralığı parametresine yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluşturursa kullanılır. Deprem yönetmeliğinde kiriş sarılma bölgesindeki etriye için belirtilen koşullar şunlardır.

$$sk \leq h/4$$

$$sk \leq 8\phi \text{ (}\phi=\text{en küçük boyuna donatı için)}$$

$$sk \leq 150 \text{ mm}$$

3.2.8.Montaj Maksimum Aralığı

Birimi cm, varsayılan değeri 25 cm' dir. Kiriş genişliği bu parametreye bölünür ve kirişe konulacak minimum montaj sayısı belirlenir. Kirişe her koşulda en iki adet 12'lik montaj donatısı atılır.

$$\text{MontajDonatıSayısı}=\text{KirişGenişliği} / \text{MontajMaksimumAralığı} \geq 2 \text{ adet montaj}$$

Betonarme menüsü altında Donatı Seçimi Diyalogunda Kiriş-Bağ Kirişi sekmesinde kirişte kullanılacak montaj donatısının çapı belirlenebilir. Bu diyalogta montaj donatısı olarak 10'luk çap seçilse dahi kirişlere en az 12'lik montaj donatısı atılır.

Programda yukarıdaki Montaj Maksimum Aralığı parametresi daha olumsuz bir durum oluşturmadığı sürece, montaj donatısının belirlenmesinde esas alınan koşul deprem yönetmeliğinde belirtilen koşuldur. Kirişin iki ucundaki mesnet üst donatılarının büyük olanının en az ¼' ü tüm kiriş boyunca sürekli olarak devam ettirilmektedir. Başka bir deyişle, kirişte mesnette üst donatılarının büyük olanının en az ¼' ü montaj donatısı olarak atılmaktadır.

Bir kiriş için,

MontajDonatıAlanıBüyük=SolMesnetÜstDonatısı ile SağMesnetMevcutÜstDonatısı alanlarından büyük olanıdır.

$$\text{MontajDonatıAlanı}=\text{MontajDonatıAlanıBüyük}/4 \quad (\text{Denklem.2.6})$$

MontajDonatıAlanı' ndan montajın donatısının adedi ve çapı bulunur ve kirişe atılır.

3.2.9.Gövde Çapı

Gövde Çapı parametresinin varsayılan değeri 12 mm' dir. Kullanıcı, kirişlere konulacak gövde donatılarının çapını Gövde Çapı parametresiyle belirleyebilmektedir ve değiştirildiği takdirde, koşullar ne olursa olsun değiştirilen değer gövde donatısı çapı olarak dikkate alınacaktır.

3.2.10. Burulma Rijitliğini Dikkate Alınması

Analizde, kirişlerin burulma rijitliğinin dikkate alınıp alınmama seçeneğidir. İşaretli ise kirişin kendi eksenini etrafında burulma momenti hesaplanır. İşaretli olmadığı durumda kirişlerin burulma rijitliği sıfır alınır ve kiriş burulma momenti sıfır çıkar.

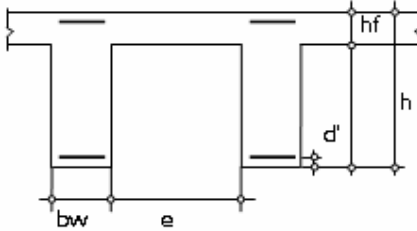
Burulma rijitliğinin alınması durumunda, bir kiriş üzerine oturan basit bir kirişin mesnetlerinde eğilme momentinin sıfırdan farklı çıkması doğaldır.

Kirişlerin betonarme hesabında burulma momentleri dikkate alınarak herhangi bir işlem yapılmaz.

Kiriş burulma atalet momentleri Yapı Uzak Çerçeve Eleman bilgileri raporunda Iburul satırında basılmaktadır. Burulma Rijitliği dikkate alınmazsa bu raporda Iburul değerleri sıfır görünecektir.

Program kiriş burulma atalet momentlerini otomatik hesaplamaktadır. Bununla beraber özellikler güçlendirme projelerinde elemanların kiriş atalet momentlerinin değiştirilmesi istenebilir. Burulma atalet momentleri Kiriş Ayarları/Statik/Betonarme sekmesinde ix satırlarında m4 cinsinden tanımlanabilir. Yapı Uzak Çerçeve Elemanları raporunda Kullanıcı Tanımlı Elemanlar başlığında tanımlanan değerler raporlanır.

3.3. Nervür – Kaset Parametreleri



Şekil (3.4) Nervür – Kaset

3.3.1. Pas payı

Nervür ve kaset dışlarının içindeki çekme veya basınç donatısının ağırlık merkezinden betonun dış yüzüne olan mesafesidir. Birimi cm' dir. Varsayılan değeri $d'=1.5$ cm' dir.

3.3.2. Minimum Açıklık Çekme Pürsantajı

Varsayılan değeri 0.003 'dür. Nervür-Kaset dışında çekme bölgesine konulacak minimum donatıyı belirleyen parametredir. Nervür ve kaset dışlarında, bu parametre dış açıklığında alta, dış mesnetinde üstte kullanılır. Donatı hiçbir koşulda bu parametreyle belirlenen sınırdan az olamaz.

Minimum donatı, $As_{min} = \frac{M}{\sigma_s \cdot bw \cdot (h-d')}$ 1.56(2Φ10) olarak hesaplanır.

Ashesap, hesap momentinden(en olumsuz kombinezondan hesaplanan momentten) bulunan donatı miktarı olmak üzere,

$As_{min} < Ashesap$ ise kesite konulacak donatı miktarı Ashesap,

$As_{min} > Ashesap$ hesap ise kesite konulacak donatı miktarı As_{min} olmaktadır.

Programda, 10/32 boyutlarında açıklıkta $M=1.12$ tm momente sahip, pas payı $d'=1.5$ cm olan, minimum açıklık çekme pürsantajı 0.003 olan bir nervür dışına konulacak donatının belirlenmesi,

$M=1.12$ tm için kesitin betonarmesi yapılır. BS20 ve S220 için Ashesap=2.02 cm² bulunur.

Minimum donatı hesaplanır. $As_{min} = 0.003 \cdot 10 \cdot (32 - 1.5) = 0.915$ cm²

Ashesap > As_{min} olduğundan kesite konulacak donatı alanı, **As=2.02 cm²** dir.

3.3.3. Maksimum Pürsantaj

Varsayılan değeri 0.02' dir. Nervür-kaset dışına konulacak çekme donatısının(mesnette üst donatı, açıklıkta alt donatı) üst sınırını belirler. Donatı hiçbir koşulda bu parametreyle belirlenen sınırdan fazla olamaz. Fazla olması durumunda program maksimum pürsantajın fazla olduğu nervür-kaset dışı için "kesit yetersiz" mesajı verecektir.

3.3.4. Gövde Demiri İçin H

Birimi cm, varsayılan değeri 60 cm' dir. Nervür-kaset dışının yüksekliği bu parametrede yazan değerden 10φ fazla ise dış 2 gövde donatısı yerleştirilir.

3.3.5. Minimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 10 cm' dir. Programda nervür-kaset dışına konulacak etriyenin aralığı bu parametrede belirtilen değerden az olmayacak şekilde seçilir.

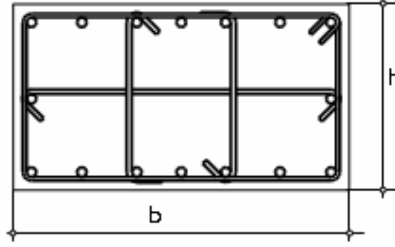
3.3.6. Maksimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 20 cm' dir. Programda nervür-kaset dışına konulacak etriyenin aralığı bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

3.3.7.Çift Etriye İçin Min. B

Birimi cm, varsayılan değeri 40 cm.' dir. Nervür-kaset dışının genişliği bu parametreyle karşılaştırılır. Dışın genişliği bu parametrede yazan minimum genişlik değerini aşmadığı sürece dişler çift kollu bir etriye ile donatılındırırlar. Aksi durumda 2 tane çift kollu etriye ile donatılındırırlar.

3.4.Kolon Parametreleri



Şekil (3.5) Kolon Donatı Yerleri

3.4.1.Pas payı

Kolon içindeki donatının ağırlık merkezinden betonun dış yüzüne olan mesafesidir. Birimi cm' dir. Varsayılan değeri $d'=2.5$ cm' dir.

3.4.2.Minimum Pirsantaj (A_{min})

Varsayılan değeri 0.01' dir. Kolona konulacak boyuna donatının minimum değerini belirleyen orandır. Kolonun brüt alanının Minimum Pirsantaj parametresi ile çarpımı minimum donatı alanını belirler. Program kolona konulacak donatıyı bu alandan **az olmayacak** şekilde seçer.

$$\text{MinimumDonatıAlanı (cm}^2\text{)} = A_{min} * b * h \quad (\text{Denklem.2.7})$$

Programda, 25/60 boyutlarında, $M_{xd}=1.665$ tm, $M_{yd}=7.214$ tm, $N_d=9.138$ t. tesirlerine maruz kolonda program kolonda donatı alanının bulunması,

$$A_{smin} = 0.01 * 25 * 60 = 15 \text{ cm}^2 \text{ olarak bulunur.}$$

$M_{xd}=1.665$ tm, $M_{yd}=7.214$ tm, $N_d=9.138$ t. tesirlerinden hesaplanan donatı,

$$A_{shesap}=8.068 \text{ cm}^2 \text{ (Malzeme BS20 ve S220 için)}$$

Asmin>Ashesap olduğundan kesite konulacak donatı, **As=15 cm²** 'dir. Bu alan ile donatının çap ve adedi belirlenir.

3.4.3.Maksimum Pursantaj (ρ_{Tmax})

Varsayılan değeri 0.03' dir. Kolona konulacak boyuna donatının maksimum değerini belirleyen orandır. Kolonun brüt alanının Maksimum Pursantaj parametresiyle ile çarpımı maksimum donatı alanını belirler. Program kolona konulması gereken donatıyı, bu alan ile karşılaştırır. Kolona konulması gereken donatı alanı fazla ise, pursantaj değerini aşan kolon için **kesit yetersiz** uyarısı Kolon Donatıları diyalogunda kullanıcıya iletilir.

$$\text{MaksimumDonatıAlanı (cm}^2\text{)} = \rho_{Tmax} * b * h \quad (\text{Denklem.2.8})$$

Programda, 25/60 boyutlarında, Mxd=4.008 tm, Myd=12.485 tm, Nd=20.176 t. tesirlerine maruz kolonda program kolonda donatı alanının bulunması,

Asmin =0.01 * 25 * 60 = 15 cm² olarak bulunur.

Asmax =0.03 * 25 * 60 = 45 cm² olarak bulunur.

Mxd=4.008 tm, Myd=12.485 tm, Nd=20.176 t. tesirlerinden hesaplanan donatı,

Ashesap=45.362 cm² (Malzeme BS20 ve S220 için)

Ashesap> Asmin olduğundan **As=45.362 cm²** kullanılır.

As<Asmax olduğundan bu **kolon yetersizdir**.

3.4.4.Minimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 10 cm' dir. Programda kolonun orta bölgesine konulacak etriyenin aralığı(so) bu parametrede belirtilen değerden az olmayacak şekilde seçilir.

Deprem yönetmeliğinde belirtilen etriye aralığı ile ilgili koşullar, programda otomatik uygulanmaktadır. Minimum Etriye Aralığı parametresine yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluştursa kullanılır.

Deprem yönetmeliğinde kolon orta bölgesindeki etriye aralığı için minimum koşul $so \geq 50$ mm olarak verilmiştir.

3.4.5. Maksimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 20 cm' dir. Programda kolonun orta bölgesine konulacak etriyenin aralığı (so) bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

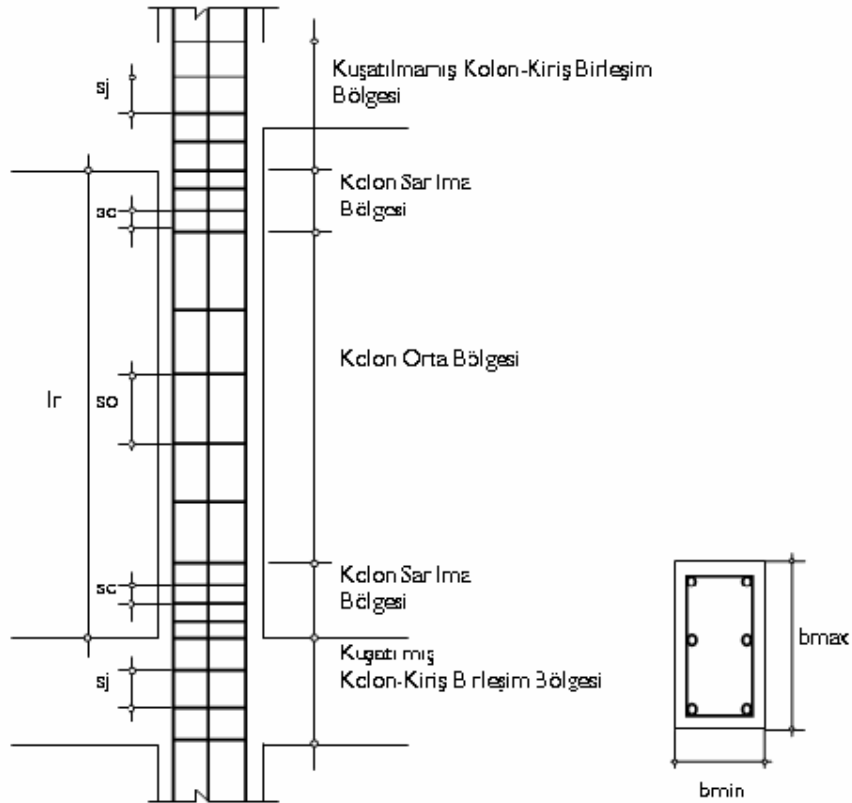
Deprem yönetmeliğinde belirtilen etriye aralığı ile ilgili koşullar, programda otomatik uygulanmaktadır. Maksimum Etriye Aralığı parametresine yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluşturursa kullanılır.

Deprem yönetmeliğinde kolon orta bölgesindeki etriye aralığı için verilen üst sınırlar şunlardır.

$$s_o \leq 200 \text{ mm}$$

$$s_o \leq b_{\min}/2$$

Kolonun diğer bölgeleri için (sarılma bölgesi ve kuşatılmamış-kuşatılmış kiriş bölgesi) etriyenin aralıklarıyla ilgili deprem yönetmeliğinde verilen koşullar programda otomatik uygulanmaktadır.



Şekil (3.6) Kolon Etriye Aralığı

Kolon Bölgesi	Uzunluğu
Kuşatılmamış Kolon-Kiriş Birleşim Bölgesi	Kolona bağlanan kirişin yüksekliği kadar
Kolon Sarılma Bölgesi	$\geq b_{max}$, $\geq l_n/6$, ≥ 500 mm
Kolon Orta Bölgesi	Kolonun alt ve üst uçlarında tanımlanan sarılma bölgeleri arasında kalan bölge
Kuşatılmamış Kolon-Kiriş Birleşim Bölgesi	Kolona bağlanan kirişin yüksekliği kadar

Çizelge (3.2) Gövde Demiri İçin H

Kuşatılmamış Kolon-Kiriş Birleşim Bölgesinde Etriye Aralığı Koşulları

$$s_j \leq 100 \text{ mm.}$$

Kolon Sarılma Bölgesinde Etriye Aralığı Koşulları

$$s_c \leq 200 \text{ mm.}$$

$$s_c \leq b_{min}/2$$

Kuşatılmış Kolon-Kiriş Birleşim Bölgesinde Etriye Aralığı Koşulları

$$s_j \leq 150 \text{ mm.}$$

3.4.6.Burulma Rijitliğini Dikkate Alınması

Analizde, kolonların burulma rijitliğinin dikkate alınıp alınmama seçeneğidir. İşaretli ise kolonun kendi ekseninde burulma momenti hesaplanır. İşaretli olmadığı durumda kolonların burulma rijitliği sıfır alınır ve kolon burulma momenti sıfır çıkar.

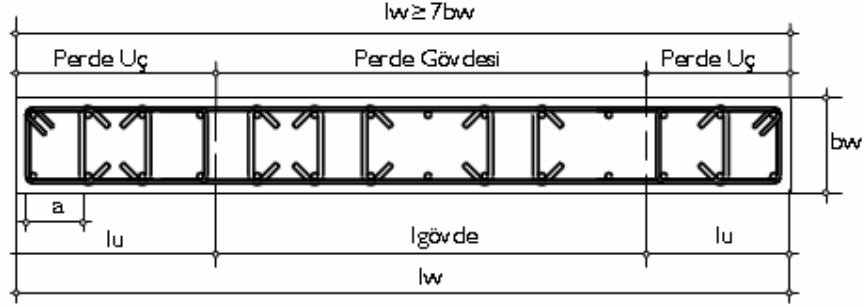
Kolonların betonarme hesabında burulma momentleri dikkate alınarak herhangi bir işlem yapılmaz.

Kolon burulma atalet momentleri Yapı Uzay Çerçeve Eleman bilgileri raporunda Iburul satırında basılmaktadır. Burulma Rijitliği dikkate alınmazsa bu raporda Iburul değerleri sıfır görünecektir.

Program kolon burulma atalet momentlerini otomatik hesaplamaktadır. Bununla beraber özellikler güçlendirme projelerinde elemanların kolon atalet momentlerinin değiştirilmesi istenebilir. Burulma atalet momentleri Kolon

Ayarları/Statik/Betonarme sekmesinde ix satırlarında m4 cinsinden tanımlanabilir. Yapı Uzay Çerçeve Elemanları raporunda Kullanıcı Tanımlı Elemanlar başlığında tanımlanan değerler raporlanır.

3.5.Panel ve Perde Parametreleri



Şekil (3.7) Panel ve Perde donatısı

3.5.1.Pas payı

Panel içindeki donatının ağırlık merkezinden betonun dış yüzüne olan mesafesidir. Birimi cm' dir. Varsayılan değeri $d'=2.5$ cm' dir.

3.5.2.Minimum Porsantaj (ρ_{min})

Varsayılan değeri 0.025' dir. Perdeye konulacak boyuna donatının minimum değerini belirleyen orandır. Perdenin brüt alanının Minimum Porsantaj parametresi ile çarpımı minimum donatı alanını belirler. Program perdeye konulacak donatıyı bu alandan az olmayacak şekilde seçer.

$$\text{MinimumDonatıAlanı}=l_w * b_w * \rho_{min} \quad (\text{Denklem.2.9})$$

3.5.3.Maksimum Porsantaj (ρ_{max})

Varsayılan değeri 0.03' dir. Perdeye konulacak boyuna donatının maksimum değerini belirleyen orandır. Perdenin brüt alanının Maksimum Porsantaj parametresiyle ile çarpımı maksimum donatı alanını belirler. Program perdeye konulması gereken donatıyı, bu alan ile karşılaştırır. Perdeye konulması gereken donatı alanı fazla ise, porsantaj değerini aşan perde için kesit yetersiz uyarısı Perde Donatıları diyalogunda kullanıcıya iletilir.

$$\text{MaksimumDonatıAlanı (cm}^2\text{)} = \rho_{max} * b * h \quad (\text{Denklem.2.10})$$

3.5.4. Minimum Enine Donatı Aralığı

Birimi cm, varsayılan değeri ise 10 cm' dir. Programda perdeye konulacak etriyenin aralığı(s) bu parametrede belirtilen değerden az olmayacak şekilde seçilir.

Deprem yönetmeliğinde belirtilen etriye aralığı ile ilgili koşullar, programda otomatik uygulanmaktadır. Minimum Etriye Aralığı parametresine yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluşturursa kullanılır.

Deprem yönetmeliğinde kritik perde yüksekliği boyunca etriye aralığı için minimum koşul $100 \text{ mm} \geq s \geq 50 \text{ mm}$ ve $s \leq bw/2$ olarak, kritik perde yüksekliği dışında kalan kısım için minimum koşul $s \leq bw$ ve $s \leq 200 \text{ mm}$ olarak verilmiştir.

3.5.5. Maksimum Enine Donatı Aralığı

Birimi cm, varsayılan değeri ise 25 cm' dir. Programda perdeye konulacak etriyenin aralığı(s) bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

Deprem yönetmeliğinde belirtilen etriye aralığı ile ilgili koşullar, programda otomatik uygulanmaktadır. Maksimum Etriye Aralığı parametresine yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluşturursa kullanılır.

Deprem yönetmeliğinde kritik perde yüksekliği boyunca etriye aralığı için verilen üst sınır değerler, $s_o \leq 100 \text{ mm}$ ve $s_o \leq bw$, kritik perde yüksekliği dışında kalan kısım için üst sınır $s_o \leq 200 \text{ mm}$ ve $s_o \leq bw$ olarak verilmiştir.

3.5.6. Uç Donatısı/Toplam Donatı (%)

Varsayılan değer 50'dir. Bu parametre perdede uç donatısı düzenlenecekse, perde uç donatısının, perde içerisindeki toplam donatının en az % kaçından oluşacağını belirler.

$H_w/l_w > 2.0$ olan perdelerin planda her iki ucuna perde uç bölgeleri oluşturulur. Perde uç bölgelerinin uzunluğu l_u , aşağıdaki koşullara göre düzenlenir. (H_w perdenin rijit bodrum üstünden ölçülen toplam yüksekliği)

Kritik perde yüksekliği boyunca $l_u \geq 2 \text{ bw}$ ve $l_u \geq 0.2 \text{ l}_w$

Kritik perde yüksekliği dışında $l_u \geq bw$ ve $l_u \geq 0.1 \text{ bw}$

$H_w/l_w \leq 2$ ise perdede uç bölgesi düzenlenmez. $L_u=0$ ' dir.

Deprem yönetmeliğinde belirtilen uç donatı ile ilgili koşullar, programda otomatik uygulanmaktadır. Uç Donatısı/Toplam yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluşturursa kullanılır.

Uç donatısı miktarıyla ilgili koşullar,

Kritik perde yüksekliği boyunca perde uç donatısı $A_{smin} \geq 0.001 b_w l_w$ ve en az 4φ14

Kritik perde yüksekliği dışında perde uç donatısı $A_{smin} \geq 0.002 b_w l_w$ ve en az 4φ14

Uç Donatısı/Toplam Donatı (kullanıcı değiştirebilir) %50

3.5.7. Minimum Donatı Aralığı

Birimi cm, varsayılan değeri 10 cm' dir. İki boyuna donatı arasındaki minimum aralığı belirler. Program perdeyi iki boyuna donatı arasındaki aralığın bu parametrede yazılan değerden daha az küçük olmamasını sağlayacak şekilde donatılandırır.

3.5.8. Maksimum Donatı Aralığı

Birimi cm, varsayılan değeri 25 cm' dir. İki boyuna donatı arasındaki maksimum aralığı belirler. Program perdeyi iki boyuna donatı arasındaki aralığın bu parametrede yazılan değerden daha fazla olmamasını sağlayacak şekilde donatılandırır.

Deprem yönetmeliğinde belirtilen donatı aralığı ile ilgili koşullar, programda otomatik uygulanmaktadır. Maksimum Donatı Aralığı parametresine yazılan değer ancak deprem yönetmeliğinden daha olumsuz bir durum oluşturursa kullanılır.

Deprem yönetmeliğinde donatı aralığı için verilen üst sınır değer, ≤ 25 cm olarak verilmiştir. Bu şarta ilaveten iki çiroz arası mesafe en fazla 25φetriye olduğundan iki donatı arasındaki mesafe kontrol edilirken bu koşul da dikkate alınır.

3.5.9. Minimum Uç Porsantajı ($\rho_{min}^{uç}$)

Varsayılan değer 0.001'dir. Bu parametre perdede uç donatısı düzenlenecekse, perde uç donatısının minimum alanını belirleyen orandır.

$$\text{MinimumUçDonatısıAlanı} = l_w * b_w * \rho_{min}^{uç} \quad (\text{Denkleml.2.11})$$

$H_w/l_w > 2.0$ olan perdelerin planda her iki ucuna perde uç bölgeleri oluşturulur. Perde uç bölgelerinin uzunluğu l_u , aşağıdaki koşullara göre düzenlenir. (H_w perdenin rijit bodrum üstünden ölçülen toplam yüksekliği)

Kritik perde yüksekliđi boyunca $l_u \geq 2 b_w$ ve $l_u \geq 0.2 l_w$

Kritik perde yüksekliđi dıřında $l_u \geq b_w$ ve $l_u \geq 0.1 b_w$

$H_w/l_w \leq 2$ ise perdede uç bölgesi düzenlenmez. $L_u=0$ 'dır.

Deprem yönetmeliđinde belirtilen uç donatısı ile ilgili kořullar, programda otomatik uygulanmaktadır. Minimum Uç Pirsantajı parametresinde yazılan deđer ancak deprem yönetmeliđinden daha olumsuz bir durum oluřturursa kullanılır.

Uç donatısı miktarıyla ilgili kořullar,

Kritik perde yüksekliđi boyunca perde uç donatısı $A_{smin} \geq 0.001 b_w l_w$ ve en az 4 ϕ 14

Kritik perde yüksekliđi dıřında perde uç donatısı $A_{smin} \geq 0.002 b_w l_w$ ve en az 4 ϕ 14

Ayrıca Uç Donatısı/Toplam Donatı parametresi (kullanıcı deđiřtirebilir) oranı %50 kullanılır.

3.5.10. Minimum Gövde Pirsantajı ($A_{min}^{gövde}$)

Varsayılan deđer 0.0025'dir. Bu parametre perde bölgesine konulacak donatının minimum oranıdır.

MinimumGövdeDonatısıAlanı= $l_{gövde} * b_w * A_{min}^{gövde}$ (Denklem.2.12)

$H_w/l_w > 2.0$ olan perdelerde,

MinimumGövdeDonatısıAlanı= $l_w * b_w * A_{min}^{gövde}$

Deprem yönetmeliđinde belirtilen gövde donatısı ile ilgili kořullar, programda otomatik uygulanmaktadır. Minimum Gövde Pirsantajı parametresinde yazılan deđer ancak deprem yönetmeliđinden daha olumsuz bir durum oluřturursa kullanılır.

3.5.11. Minimum Boyut Oranı

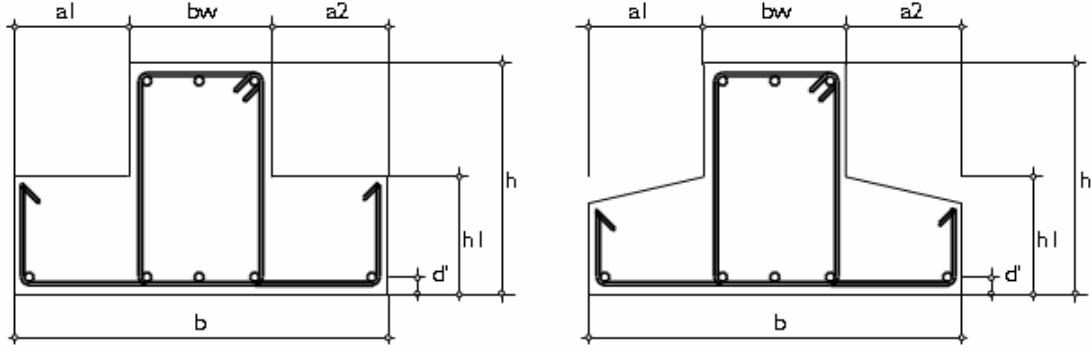
Varsayılan deđer 7'dir. Bir boyutu diđer boyutunun en yedi katı olan düşey taşıyıcı elemanlar perde olarak kullanılacaktır.

$l_w / b_w \geq \text{MinimumBoyutOranı}$ ise kolon, perdedir.

Deprem yönetmeliđinde belirtilen minimum boyut oranı ile ilgili kořul, programda otomatik uygulanmaktadır. Minimum Boyut Oranı parametresinde yazılan deđer ancak deprem yönetmeliđinden daha olumsuz bir durum

oluşturursa kullanılır. Deprem yönetmeliğinde bu oran 7 olarak verilmektedir. Bu parametre ancak 7'den büyük değerlerde dikkate alınır.

3.6.Sürekli Temel Parametreleri



Şekil (3.8) Sürekli Temel donatısı

3.6.1.Pas payı

Temel kirişi içindeki donatının ağırlık merkezinden betonun dış yüzüne olan mesafesidir. Birimi cm' dir. Varsayılan değeri $d'=5$ cm' dir.

3.6.2.Minimum Çekme Pursantajı

Varsayılan değeri 0.003 'dür. Temel kirişinde çekme bölgesine konulacak minimum donatıyı belirleyen parametredir. Bu parametre temel kirişin açıklığında alta ve temel kirişin mesnedinde üstte kullanılır. Donatı hiçbir koşulda bu parametreyle belirlenen sınırdan az olamaz.

Minimum donatı, $A_{min} = \text{MinÇekmePursantajı} * bw * (h-d')$ ve

$$A_{min} \geq 0.8 \frac{f_{ctd}}{f_{yd}}$$

(Denklem.2.13)

koşuluna bakılır.

Ashesap, hesap momentinden bulunan donatı miktarı olmak üzere,

$A_{min} < Ashesap$ ise kesite konulacak donatı miktarı Ashesap,

Asmin>As hesap ise kesite konulacak donarı miktarı Asmin olmaktadır.

3.6.3. Minimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 10 cm' dir. Programda temel kirişine konulacak etriyenin aralığı bu parametrede belirtilen değerden az olmayacak şekilde seçilir.

3.6.4. Maksimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 20 cm' dir. Programda temel kirişine konulacak etriyenin aralığı bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

3.6.5. Maksimum Tevzi Aralığı

Birimi cm, varsayılan değeri ise 20 cm' dir. Programda temel ampattanına konulacak tevzi (dağıtma) donatısının aralığı bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

3.6.6. Çift Etriye İçin Min. B

Birimi cm, varsayılan değeri 40 cm.' dir. Temel kirişinin genişliği bu parametreyle karşılaştırılır. Genişlik bu parametrede yazan minimum genişlik değerini aşmadığı sürece temel kirişi çift kollu bir etriye ile donatılandırılır. Aksi durumda her 40 cm içine çift kollu etriye bir etriye açılır.

3.6.7. Ampatman Minimum Donatı Oranı^(α_{amp})

Varsayılan değeri 0.002 'dür. Sürekli temelde ampattana konulacak minimum donatıyı belirleyen parametredir. Ampatman donatısı hiç bir koşulda bu parametreyle belirlenen sınırdan az olamaz. Minimum donatı ampattan momentinden bulunan hesap donatısı ile karşılaştırılır. Büyük olan kullanılır.

$$As_{min} = (h_1 - d') * 100 * \alpha_{amp} \quad (\text{Denklem.2.14})$$

AsMin>Ashesap ise Asmin, değilse, Ashesap kullanılır.

40 cm ampattan yüksekliğine sahip bir temelde ampattan hesabından açığı çıkan moment 0.478 tm olsun. Ampattana konulacak donatı,

$$M=0.478 \text{ tm den kesit hesabı Ashesap}=0.375 \text{ tm (BS20 ve S220)}$$

$$As_{min} = (40-5) * 100 * 0.002 = 7 \text{ cm}^2$$

Asmin>Ashesap olduğundan Asmin kullanılır. Sürekli temel parametrelerinde verilen Ampatman Minimum Donatı Aralığı, Ampatman Maksimum Donatı Aralığı ve Donatı Seçim diyalogunda Ampatman Donatısı parametreleri de kullanılarak ampatmanın donatı çapı ve aralığı belirlenir

7 cm² için seçilen donatı $\phi 14/21$ (7.33 cm²)

3.6.8.Ampatman Minimum Donatı Aralığı

Birimi cm, varsayılan değeri ise 10 cm' dir. Programda sürekli temelde ampatmana konulacak donatının aralığı bu parametrede belirtilen değerden az olmayacak şekilde seçilir.

3.6.9.Ampatman Maksimum Donatı Aralığı

Birimi cm, varsayılan değeri ise 25 cm' dir. Programda sürekli temelde ampatmana konulacak donatının aralığı bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

3.6.10.Gövde Demiri İçin Minimum H

Birimi cm, varsayılan değeri 60 cm' dir. Temel kirişin yüksekliği bu parametrede yazan değerden fazla ise temel kirişine gövde donatısı yerleştirilir.

Minimum gövde donatısı alanı,

$A_{sgovde}=0.001*b*(h-d)$ bağıntısından hesaplanır. Bu donatı, gövdenin iki yüzüne eşit olarak, en az 10 mm çaplı çubuklardan ve çubuk aralığı 30 cm'yi geçmeyecek şekilde düzenlenir.

3.6.11.Minimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 10 cm' dir. Programda bağ kirişine konulacak etriyenin aralığı bu parametrede belirtilen değerden az olmayacak şekilde seçilir.

3.6.12.Maksimum Etriye Aralığı

Birimi cm, varsayılan değeri ise 20 cm' dir. Programda bağ kirişine konulacak etriyenin aralığı bu parametrede belirtilen değerden fazla olmayacak şekilde seçilir.

4.HESAP YÖNTEMLERİ

4.1.Deprem yüklerinin hesaplanması

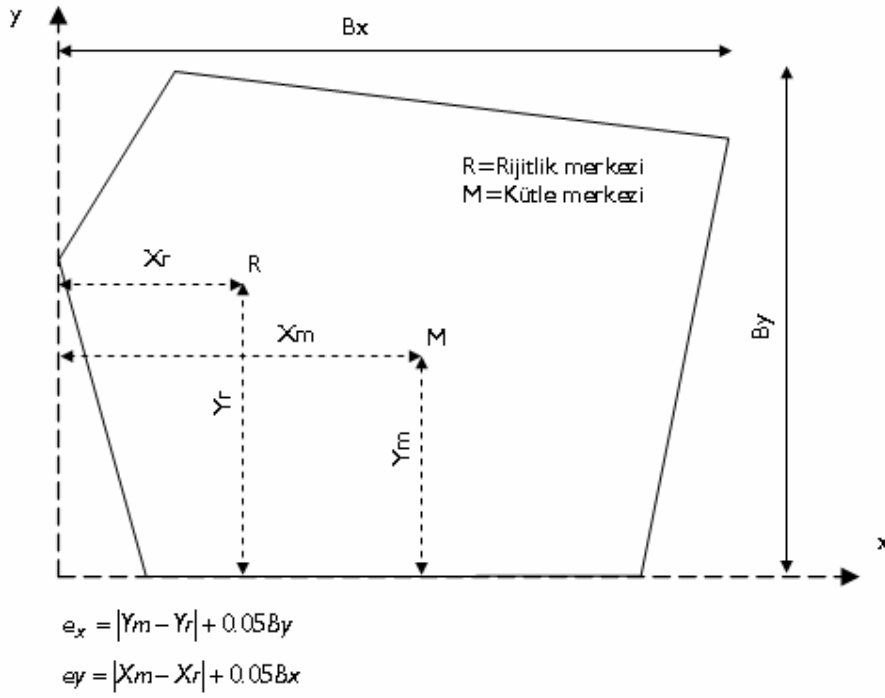
Deprem yükleri programda x ve y yönü olmak üzere iki doğrultuda hesaplanır. Kullanıcı deprem yüklerini eşdeğer deprem yükleri göre mi veya dinamik yüklere göre mi belirleyeceğine Proje Genel Ayarları diyalogunda Deprem sekmesinde seçer. Eşdeğer deprem yüküne göre hesap yapabilmek Deprem Yönetmeliğinde belirli kriterlere bağlanmıştır.

Deprem Bölgesi	Bina Türü	Toplam Yükseklik Sınırı
1, 2	A1 türü burulma düzensizliği olmayan, varsa her bir katta koşulunu sağlayan binalar	Hn 25 m
1, 2	A1 türü burulma düzensizliği olmayan, varsa her bir katta koşulunu sağlayan ve ayrıca B2 türü düzensizliği olmayan binalar	Hn 60 m
3.4	Tüm binalar	Hn 75 m

Çizelge (4.1) Eşdeğer deprem yükünün uygulanabileceği binalar

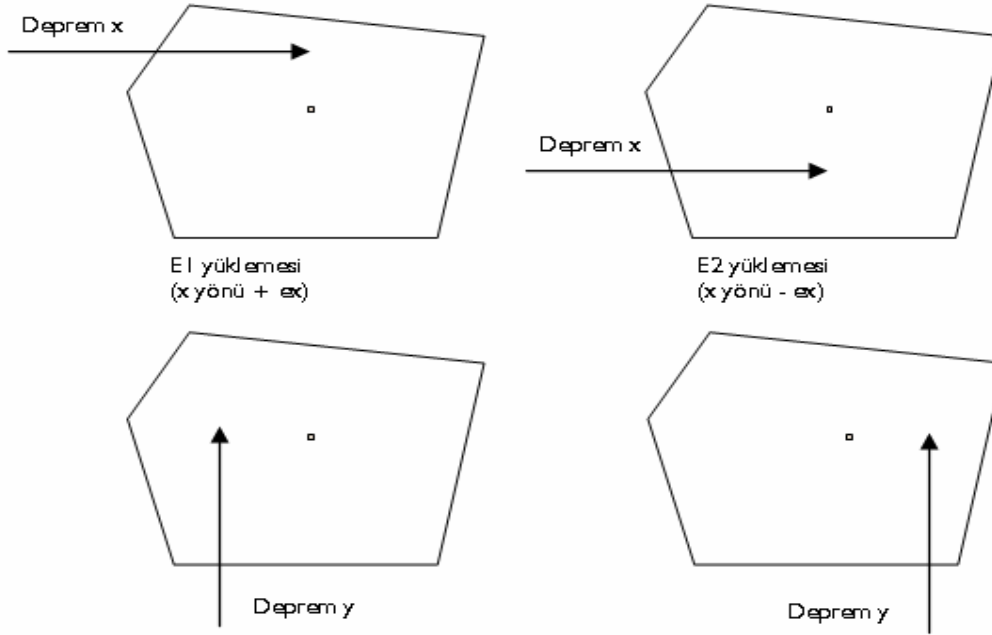
Yukarıdaki tanımların kapsamına girmeyen binalarda eşdeğer deprem yükü yöntemi uygulanmaz. Dinamik yüklere göre hesap yapılmalıdır. Ayrıca hiç bir koşula bakmaksızın tüm binalar dinamik yüklere göre çözülebilir. Zaten programda versiyon 4 den sonra eşdeğer deprem yükü yöntemine göre hesap yapma olanağı kaldırılmıştır.

Deprem yükleri ister eşdeğer yüklere göre, ister dinamik yüklere göre belirlensin rijitlik merkezi ile kütle merkezinin arasındaki eksantrikliğe, dik doğrultudaki en büyük bina boyutunun %5'i eklenerek bulunan toplam dış merkezlik kadar kaydırılarak dikkate alınır. Kaydırma yatay yönde sağda ve solda, dikey yönde üste ve alttadır. Böylece her iki yön için 4 adet yükleme yapılır. Deprem yüklemelerinden oluşan uç kuvvetleri Betonarme diyaloglarında ve Rapor menüsü altından alınabilen Uç Kuvvetleri raporunda E1, E2, E3 ve E4 değerlerinin karşılığı olarak takip edilebilir.



Şekil (4.1) Eşdeğer Deprem yükü

Deprem kuvvetlerinin yükleme pozisyonları aşağıdaki şekilde gösterilmiştir.



Şekil (4.2) Deprem kuvvetlerinin yükleme pozisyonları

Her bir yüklemenin kuvvet değerleri, dış merkezliği ve yükleme sonucunda oluşan kat burulmaları, Rapor menüsü altından alınan Katlara Etkiyen Yatay Yükler raporunda takip edilebilir.

4.2. Deprem yüklerinin süperpozisyonu

4 adet deprem yüklemesinden hesaplanan eleman uç kuvvetleri düşey hesap sonucunda bulunan eleman uç kuvvetleriyle süperpoze edilir. Süperpoze edilmiş uç kuvvetler varsa rüzgar ve toprak itkisi yüklemeleriyle karşılaştırılarak en olumsuz durum bulunur ve betonarme hesabında kullanılır, Süperpoze TS500 de tanımlanan katsayılara göre yapılırlar.

1.0 G + 1.0 Q + 1.0 E ve 1.0 G + 1.0 Q - 1.0 E veya;

1.4G + 1.6 Q veya,

0.9 G +1.0 E ve 0.9 G - E

4.3. Eşdeğer deprem yükleri

Her bir katın kat ağırlıkları hesaplanır.

$w_i = g_i + n q_i$

Binanın Kullanım Amacı	n
Depo, antrepo, vb	0.80
Okul, öğrenci yurdu, spor tesisi, sinema, tiyatro, konser salonu, garaj, lokanta, mağaza, vb.	0.60
Konut, işyeri, otel, hastane, vb.	0.3
Endüstri binalarında; sabit ekipman ağırlıkları için (vinç kaldırma yükleri kat ağırlıkları hesabında dikkate alınmayacaktır)	

Çizelge (4.2) Eşdeğer deprem yükleri

Binanın toplam ağırlığı hesaplanır. Binanın toplam ağırlığı her bir kata ait w_i 'lerin toplamıdır.

$$W = \sum_{i=1}^N w_i$$

(Denklem.3.1)

Spektrum karakteristik periyotları Proje Genel Ayarları diyalogunda Dinamik Analiz sekmesinde zemin sınıfına göre kullanıcı tarafından seçilir. Bu periyotlar spektrum eğrisini belirler.

2007 Deprem yönetmeliğinde yerel zemin sınıflarına göre spektrum karakteristik periyotları aşağıdaki gibi verilmiştir.

Yerel zemin sınıfı	T_A (saniye)	T_B (saniye)
Z1	0.10	0.30
Z2	0.15	0.40
Z3	0.15	0.60
Z4	0.20	0.90

Çizelge (4.3) Zemin sınıflarına göre spektrum karakteristik periyotları

Yerel Zemin Sınıfı	Zemin Grubu ve En Üst Zemin Tabakası Kalınlığı (h_1)
Z1	(A) Grubu zeminler $h_1 \leq 15$ m olan (B) grubu zeminler
Z2	$h_1 > 15$ m olan (B) grubu zeminler $h_1 \leq 15$ m olan (C) grubu zeminler
Z3	$15 \text{ m} < h_1 \leq 50$ m olan (C) grubu zeminler $h_1 \leq 10$ m olan (D) grubu zeminler
Z4	$h_1 > 50$ m olan (C) grubu zeminler $h_1 > 10$ m olan (D) grubu zeminler

Çizelge (4.4) Yerel zemin sınıfları

Zemin Grubu	Zemin Grubu Tanımı	Stand. Penetr. (N/30)	Relatif Sıkılık (%)	Serbest Basınç Direnci (kPa)	Kayma Dalgası Hızı (m/s)
(A)	Masif volkanik kayalar ve ayrışmamış sağlam metamorfik kayalar, sert çimentolu tortul kayalar....	-	-	>1000	>1000
	Çok sıkı kum, çakıl.....	>50	85-100	-	>700
	Sert kil ve siltli kil.....	>32	-	>400	>700
(B)	Tüf ve aglomera gibi gevşek volkanik kayalar, süreksizlik düzlemleri bulunan ayrılmış çimentolu tortul kayalar.....	-	-	500-1000	700-1000
	Sıkı kum, çakıl.....	30-50	65-85	-	400-700
	Çok katı kil ve siltli kil....	16-32	-	200-400	300-700
(C)	Yumuşak süreksizlik düzlemleri bulunan çok ayrılmış metamorfik kayalar ve çimentolu tortul kayalar.....	-	-	<500	400-700
	Orta sıkı kum, çakıl.....	10-30	35-65	-	200-400
	Katı kil ve siltli kil.....	8-16	-	100-200	200-300
(D)	Yeraltı su seviyesinin yüksek olduğu yumuşak, kalın alüvyon tabakaları...	-	-	-	<200
	Gevşek kum.....	<10	<35	-	<200
	Yumuşak kil, siltli kil.....	<8	-	<100	<200

Çizelge (4.5) Zemin Grupları

$$0 \leq T \leq T_A \text{ ise } S(T) = 1 + 1.5 T / T_A$$

$$T_A \leq T \leq T_B \text{ ise } S(T) = 2.5$$

$$(T \leq T_B) \text{ ise } S(T) = 2.5 (T_B)^{0.8}$$

(Denklem.3.2)

Formüllerdeki T yerine, programda hesaplanan doğal titreşim periyodu T_r konularak spektrum katsayısı $S(T_r)$ hesaplanır.

Spektral ivme katsayısı aşağıdaki formülle hesaplanır.

$$A(T) = A_o I S(T)$$

(Denklem.3.3)

$S(T)$ yerine, programda hesaplanan $S(T_r)$ konulur.

Formülde kullanılan A_o Etkin Yer İvmesi Katsayısı deprem bölgesine göre belirlenir.

Deprem Bölgesi	A_o
1	0.40
2	0.30
3	0.20
4	0.10

Çizelge (4.6) A_o Etkin Yer İvmesi Katsayısı

Bina Önem Katsayısı I, binanın kullanım amacı ve türüne göre belirlenir.

Binanın Kullanım Amacı veya Türü	I
<p><u>1. Deprem sonrası kullanımı gereken binalar ve tehlikeli madde içeren binalar</u></p> <p>a) Deprem sonrasında hemen kullanılması gerekli binalar:</p> <p>(Hastaneler,dispanserler, sağlık ocakları, itfaiye bina ve tesisleri, PTT ve diğer haberleşme tesisleri, ulaşım istasyonları ve terminalleri, enerji üretim ve dağıtım tesisleri; vilayet, kaymakamlık ve belediye yönetim binaları, ilk yardım ve afet planlama istasyonları)</p> <p>b) Toksik, patlayıcı, parlayıcı, vb özellikleri olan maddelerin bulunduğu veya depolandığı binalar</p>	1.5
<p><u>2. İnsanların uzun süreli ve yoğun olarak bulunduğu ve değerli eşyanın saklandığı binalar</u></p> <p>a) Okullar, diğer eğitim bina ve tesisleri, yurt ve yatakhaneler, askeri kıışlalar, cezaevleri, vb.</p> <p>b) Müzeler</p>	1.4
<p><u>3. İnsanların kısa süreli ve yoğun olarak bulunduğu binalar</u></p> <p>Spor tesisleri, sinema, tiyatro ve konser salonları, vb.</p>	1.2
<p><u>4. Diğer binalar</u></p> <p>Yukarıdaki tanımlara girmeyen diğer binalar (Konutlar, işyerleri, oteller, bina türü endüstri yapıları, vb)</p>	1.0

Çizelge (4.7) Bina Önem Katsayısı

Deprem yükü azaltma katsayısı $R_a(T)$ aşağıdaki formülle hesaplanır.

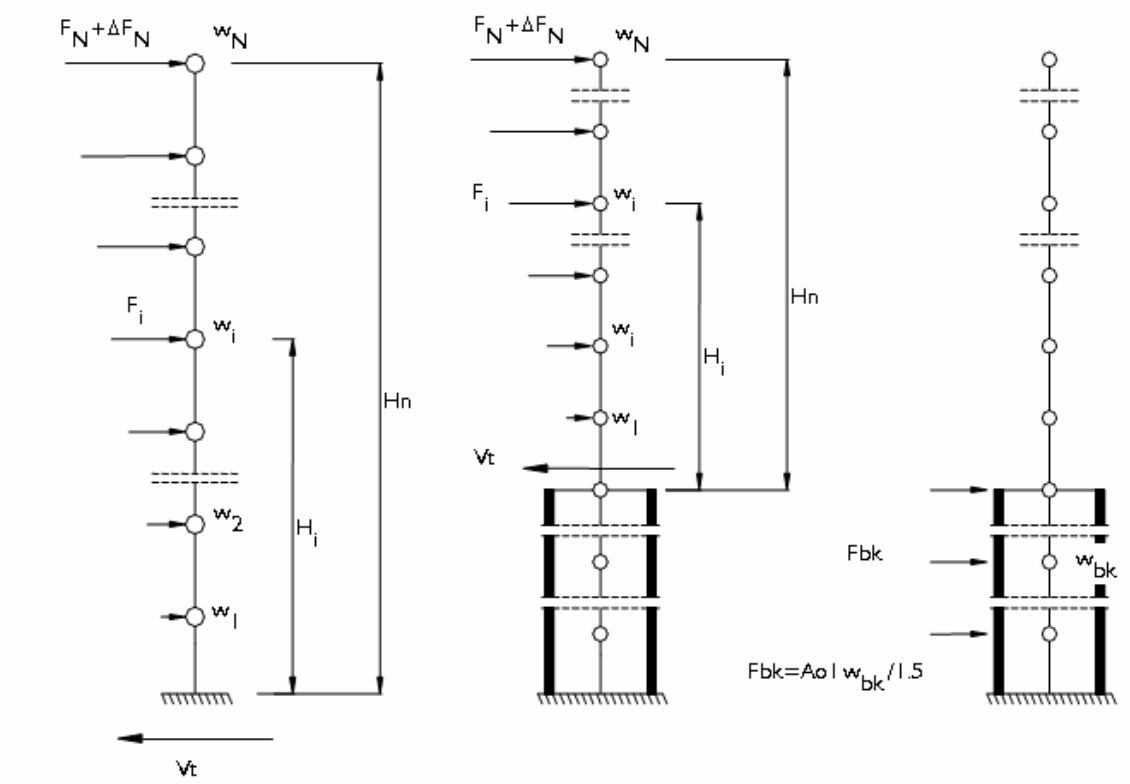
$$0 < T < T_A \text{ ise } R_a(T) = 1.5 + (R - 1.5) T / T_A \quad (\text{Denklem.3.4})$$

$T > T_A$ ise $R_a(T) = R$ alınır.

T programda hesaplanan doğal titreşim periyodu T_r ve R ise taşıyıcı sistem davranış katsayısıdır.

Toplam eşdeğer deprem yükü V_t aşağıdaki formülle hesaplanır.

$$V_t = W A(T) / R_a(T) \geq 0.10 A_o I W \quad (\text{Denklem.3.5})$$



Şekil (4.3) Katlara Etkiyen Kuvvetler

$$H_N \geq 25 \text{ m ise } \Delta F_N = 0.07 \quad T_1 V_t \leq 0.2 V_t \quad (\text{Denklem.3.6})$$

Katlara etkiyen yatay kuvvetler;

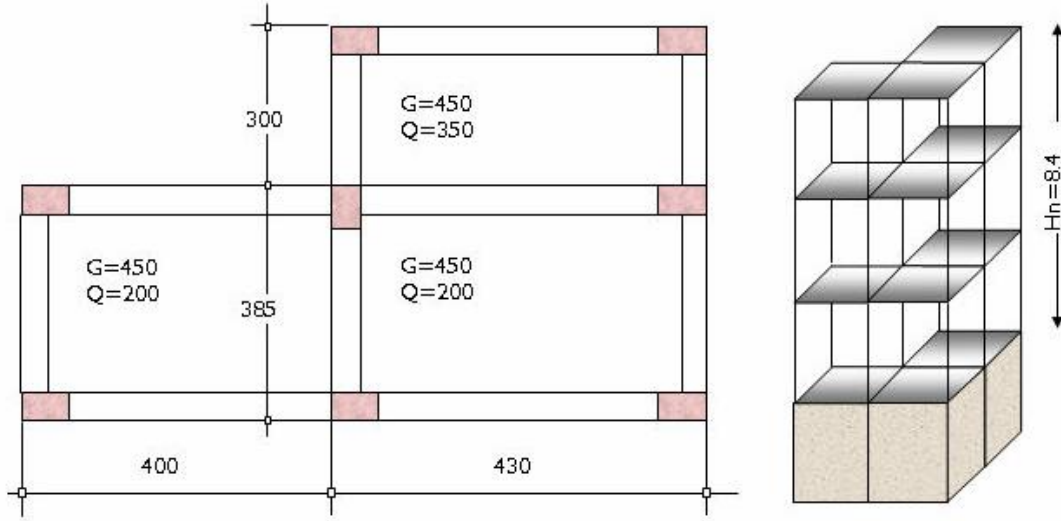
$$F_i = (V_t - \Delta F_N) \frac{w_i H_i}{\sum_{j=1}^N (w_j H_j)} \quad (\text{Denklem.3.7})$$

Formülüyle hesaplanır.

Rijit çevre perdelerinin bulunduğu katlarda F_i ,

$$F_i = F_{bk} = A_o I W_{bk} / 1.5 \quad (\text{Denklem.3.8})$$

formülüyle hesaplanır. W_{bk} i.bodrum katın toplam ağırlığıdır.



Şekil (4.4) Binanın Tasarımı

Kolonlar 50/25 cm : Kirişler 25/50 cm : Tüm kirişlerde duvar 325 kg/m : döşeme d=12 cm: Beton birim hacim ağırlığı=2.5 t/m³: Kat yükseklikleri 2.80 m. : Zemin sınıfı Z4 : R=8 : I=1

Sistemin eşdeğer deprem yüklerini, yukarıda anlatılan yöntemle hesaplayalım.

Kat Genel Ayarları diyalogunda kat ağırlıkları incelenebilmektedir.

Kat No	G (t)	Q (t)	H _{yk}	W=G + n Q (t)
2	43.771	8.716	0.3	46.3858
1	43.771	8.716	0.3	46.3858
Zemin	43.771	8.716	0.3	46.3858
1.Bodrum	72.473	8.716	0.3	75.0878
Toplam Ağırlık [W] (t)				139.1574
(1.bodrum rijit kat olduğundan hesaba katılmaz)				

Çizelge (4.8) Kat Ağırlıkları

Bu projede T_r birinci doğal titreşim periyodu 0.26592 olarak hesaplanacaktır. Dinamik Analiz raporunda bu değer basılmaktadır.

Z4 zemin sınıfının karakteristik periyotları yukarıdaki tablodan bakılırsa,

$T_a = 0.2$; $T_b = 0.9$ olduğu görülür. **$T_r = 0.26592$** ve $T_a = 0.2$ T_r $T_b = 0.9$ aralığında olduğundan **$S(T_r) = 2.5$** alınır.

Deprem yükü azaltma katsayısı $R_a(T)$ ise, $T_r = 0.26592 > T_a = 0.2$ olduğundan, **$R_a(T_r) = 8$**

Spektral ivme katsayısı $A(T)$,

$$A(T_r) = A_o I S(T_r) \quad (\text{Denklem.3.9})$$

$$= 0.4 * 1 * 2.5 = 1 \text{ olarak bulunur.}$$

Toplam eşdeğer deprem yükü,

$$V_t = W A(T) / R_a(T) \quad (\text{Denklem.3.10})$$

$$= 139.1574 * 1 / 8 = 17.39 \text{ t. } \geq$$

$$\text{Alt sınır} = 0.10 A_o I W \quad (\text{Denklem.3.11})$$

$$= 0.1 * 0.4 * 1 * 139.15.74 = 5.56 \text{ t olduğundan,}$$

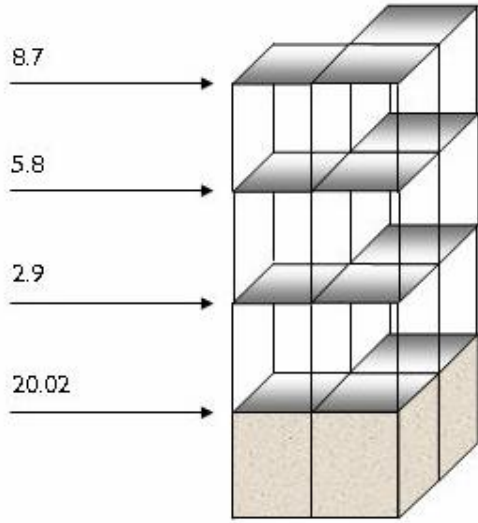
$V_t = 17.39 \text{ t}$ bulunur.

$$2. \text{ kat yatay kuvveti} = 17.39 * \frac{46.39 * 8.4}{46.39 * 2.8 + 46.39 * 5.6 + 46.39 * 8.4} = 8.7 \text{ t}$$

$$1. \text{ kat yatay kuvveti} = 17.39 * \frac{46.39 * 5.6}{46.39 * 2.8 + 46.39 * 5.6 + 46.39 * 8.4} = 5.8 \text{ t}$$

$$\text{Zemin yatay kuvveti} = 17.39 * \frac{46.39 * 2.8}{46.39 * 2.8 + 46.39 * 5.6 + 46.39 * 8.4} = 2.9 \text{ t}$$

$$\text{Bodrum kat yatay kuvveti} = 0.4 * I * 75.0878 / 1.5 = 20.02 \text{ t. (Fi=Fbk=Ao | Wbk / 1.5)}$$



Şekil (4.5) Binanın katlarına etkiyen yatay kuvvetler

4.4. Dinamik deprem yükleri

Dinamik hesapta modal değerlerin tayininde kullanılan yöntem Vianello Stodola metodudur. Bu metotla tekil kütleli sistemlerin serbest titreşim hesabı kesin bir şekilde yapılabilir. Önce, yapının ilgili deprem doğrultusundaki yatay deplasman bileşenlerine ait flexibilitate matrisi kurulur. Daha sonra, kat ağırlıklarından bina kütle matrisi elde edilir. Bu iki matristen ve başlangıç karakteristik vektöründen hareket edilerek, yapılan ardışık yaklaşım hesapları sonunda, her mod için özel açısal frekans ve karakteristik vektörler bulunur. Elde edilen karakteristik vektörler belirli katsayılar yardımıyla normalleştirilir. Böylece, yapının normalleştirilmiş serbest titreşim modları ve özel açısal frekansları ve periyotları tayin edilmiş olur.

- Modal süperpozisyon yöntemi ile dinamik hesap yapıldığı zaman genelde aşağıdaki işlem sırası takip edilir:
- Dinamik hesabın kaç mod için yapılacağı saptanır.

- Yapı yatay rijitlik matrisi oluşturulur. Bu matriste gerekli düzenlemeler yapılarak titreşmeyen düşey ve dönme deplasmanları elimine edilmiş olur. Böylece, binanın kat döşemesi düzlemi içinde birbirine dik iki yöndeki titreşimlerine karşı gelen indirgenmiş rijitlik matrisi elde edilir. Arzu edilirse,binanın titreşimleri yatay düzlemde sadece bir yöne etki ettirilebilir.
- Köşegen kütle matrisi oluşturulur.
- Bina için, indirgenmiş yatay rijitlik matrisi ve köşegen kütle matrisi yardımı ile göz önüne alınan her mod için özel açısız frekans hesaplanır.
- İterasyon yolu ile, karakteristik vektörler bulunur.
- Normalleştirmek için gerekli bölme kat sayıları bulunur ve modların katkı çarpanları hesaplanır.
- Her mod için maksimum davranış spektral ivmeleri hesaplanır veya eğriden okunur.
- Her mod için kat hizasına etkiyen modal yükler bulunur.
- Her kat için, için Tam Karesel Birleştirme (CQC Complete Quadratic Combination) yolu ile maksimum kat yükleri hesaplanır.

4.5.Dinamik Hesap

X ve Y yönü için,

- Her modda, serbest titreşim periyodu (w), doğal titreşim periyodu (T_r), spektrum katsayısı $S(T_r)$, kullanılarak spektral ivme katsayısı $A(T_r)$, deprem yükü azaltma katsayısı $R_a(T_r)$, kullanılarak ivme spektrum ordinatı $S_{pa}(T_r)$, etkin modal kütle M_r , C katsayısı ve katkı çarpanı hesaplanır, sırasıyla listelenir.

$$S_{pa}(T_r) = A(T_r) g / R_a(T_r)$$

(Denklem.3.12)

Hesaba katılacak titreşim modu sayısı kontrol edilir. (Bu madde eşdeğer deprem yüküne göre hesap yapılırsa uygulanmaz)

$$\text{Bina toplam kütlesi} = W/g \quad (g \text{ yerçekimi ivmesi} = 9.81 \text{ m/s}^2)$$

Bina toplam kütlelerinin %90'nı hesaplanır.

Bina toplam kütlelerinin %5'i hesaplanır.

- Toplam etkin modal kütle bulunur ve bina toplam kütle ile karşılaştırılır. Toplam etkin modal kütle, bina toplam kütlelerinden büyükse mod sayısı yeterlidir.

- Sırasıyla karakteristik mod vektörleri, normleştirilmiş yapı serbest titreşim modları yapı kat maksimum ivmeleri, yapı kat modal kütleleri, yapı kat elastik deprem yükleri, yapı kat tasarım deprem yükleri hesaplanır.
- Kat maksimum yükleri, eşdeğer ve dinamik yükler üzere listelenir. Rijit bodrum çevre perdelerinin bulunduğu katta bu değerler sıfırdır. Bu yüklerin toplamları Madde 6.8.5'e göre karşılaştırılır. $V_t(x) < \beta V_{tB}(x)$ ve $V_t(y) < \beta V_{tB}(y)$ ise dinamik analizle bulunan bütün iç kuvvetler; x yönü için, $\beta V_t(x) / V_{tB}(x)$; y yönü için $\beta V_t(y) / V_{tB}(y)$ katsayılarıyla otomatik olarak çarpılırlar. (Bu madde eşdeğer deprem yüküne göre hesap yapılırsa uygulanmaz. Sadece eşdeğer deprem yükü yöntemine göre bulunan kat maksimum yükleri listelenir.)

4.6. Elemanların Uç Kuvvetleri

Kolonlarda, $0.70 < \alpha_i < 1$ aralığında $(M_{ra} + M_{r\bar{u}}) \geq 1.2 (M_{ri} + M_{rj})$ denkleminin hem alttaki, hem de üstteki düğüm noktalarının sağlandığı kolonlara etkiyen eğilme momentleri ve kesme kuvvetleri $1/\alpha_i$ oranında çarpılarak otomatik olarak artırılır.

4.7. Görelî Kat Ötelemelerinin Sınırlandırılması

Herhangi bir kolon veya perde için, ardışık iki kat arasındaki yer değiştirme farkını ifade eden görelî kat ötelemesi,

$$\Delta_i = d_i - d_{(i-1)} \quad (\text{Denklem.3.13})$$

d_i ve $d_{(i-1)}$, binanın i 'inci ve $(i-1)$ 'inci katlarında herhangi bir kolon veya perdenin uçlarında hesaptan elde edilen yatay yer değiştirmeleri göstermektedir.

En büyük Δ_i değeri $(\Delta_i)_{\max}$, aşağıda verilen koşulların elverişsiz olanını sağlayacaktır:

$$(\Delta_i)_{\max} / h_i \leq 0.035 \text{ ve}$$

$$(\Delta_i)_{\max} / h_i \leq 0.02 / R$$

Yukarıda belirtilen koşulun binanın herhangi bir katında sağlanamaması durumunda, taşıyıcı sistemin rijitliği artırılarak deprem hesabı tekrarlanacaktır. Ancak verilen koşul sağlansa bile, yapısal olmayan gevrek elemanların (cephe elemanları vb), elde edilen görelî kat ötelemeleri altında kullanılabilirliği hesapla doğrulanmalıdır.

4.8.İkinci Mertebe Etkileri

Göz önüne alınan deprem doğrultusunda her bir katta, İkinci Mertebe Gösterge Değeri, θ_i 'nin aşağıda verilen koşulu sağlayıp sağlamaması durumudur, Bu koşul sağlanırsa ikinci mertebe etkileri yürürlükteki betonarme ve çelik yapı yönetmeliklerine göre değerlendirilecektir.

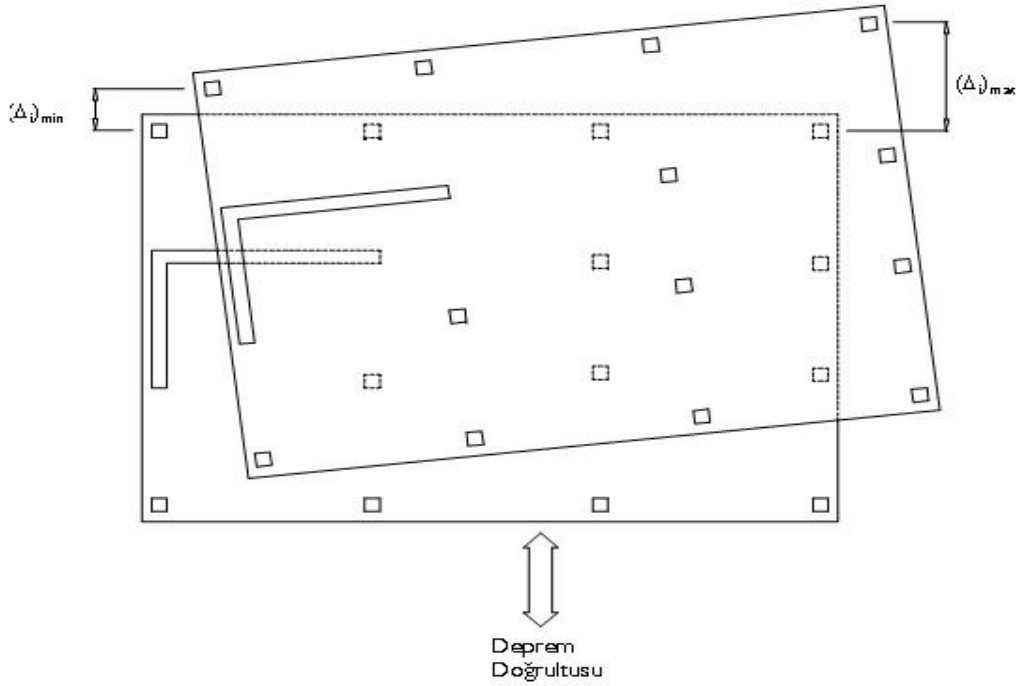
Program bu koşulun saplanmaması durumunda sistem rijitliğinin artırılması yönünde kullanıcıyı uyarır.

$$\theta_i = \frac{(\Delta_i)_{ort} \sum_{j=1}^N W_j}{V_i h_i} \leq 0.12$$

(Denklem.3.14)

4.9.A1 Burulma Düzensizliği

Yapının birbirine dik iki deprem doğrultusundan herhangi biri için, herhangi bir katta en büyük görel kat ötelemesinin o katta aynı doğrultudaki ortalama görel ötelemeye oranı olarak tanımlanan burulma düzensizliği katsayısının 1.2 den büyük olması durumudur.



Şekil(4.6) A1 Burulma Düzensizliği

Burada kat ortalama yatay deęiřtirmesi bina dōřemesinin rijit diyafram gibi davrandıęı kabul edilerek, en kùçük ve en büyük yer deęiřtirmelerin ortalaması alınmıřtır. Burulma türü düzensizlik deprem kuvvetinin etkidięi kat kütle merkezi ile kat rijitlik merkezinin birbirinden ayrıık olması ile belirgin duruma gelir.

Deprem Yönetmelięi'nde dinamik hesap taşıyıcı sistemin davranıřının belirlenmesinde daha etkili bir yöntem kabul edildięi için, $\eta_{bi} > 2.0$ olması durumunda, birinci ve ikinci deprem bölgelerinde dinamik hesap yapılması zorunlu kılınmıřtır. Burulma düzensizlięi katsayısının $1.2 < \eta_{bi} < 2.0$ olması durumunda ise, katlara etkiyen eřdeęer deprem yükü için kabul edilen $\pm \%5$ ek dıř merkezlięin $D_i = (\eta_{bi} / 1.2)^2$ katsayısı ile arttırılması öngörülür.

ideCAD Statik programında, program yapıda A1 düzensizlięi çıkması durumunda hiçbir koşulda eřdeęer deprem yükü yönteminin uygulanmasına müsaade etmez. A1 düzensizlięi oluřtuęu durumlarda kullanıcı hesabı dinamik analiz ile yapmak durumundadır. Hatta 4.0 versiyonundan itibaren Eřdeęer Deprem Yükü yöntemi program seçeneklerinden çıkartılmıřtır.

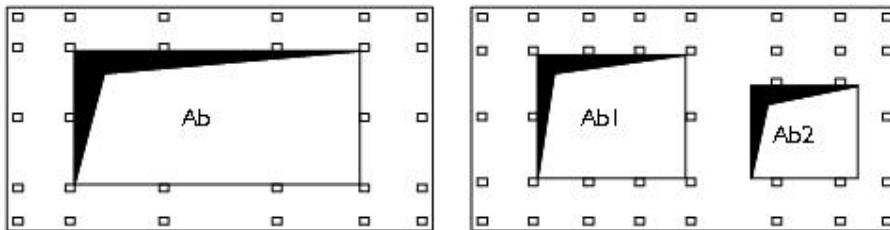
Herhangi bir katta, η_{bi1} , η_{bi2} , η_{bi3} , η_{bi4} deęerinden biri 1.2 den büyükse yapıda A1 burulma düzensizlięi vardır.

4.10.A2-A3 Düzensizlięi Kontrolü

Herhangi bir kattaki dōřemede; merdiven ve asansör boşlukları dahil, boşluk alanları toplamının kat brüt alanının $1/3$ ünden fazla olması durumu, deprem yüklerinin kolon ve perde gibi düřey taşıyıcı elemanlara güvenle aktarabilmesini güçleřtiren yerel dōřeme boşluklarının bulunması durumu ve dōřemenin düzlem içi rijitlik ve dayanımında ani deęiřikliklerin bulunması dōřeme süreksizlięi A2 düzensizlięi olarak tanımlanır.

Bina kat planlarında çıkıntı yapan kısımların birbirine dik iki doęrultudaki boyutlarının her ikisinin de, binanın o katının aynı doęrultudaki toplam plan boyutlarının $\%20$ 'sinden daha büyük olması durumu A3 düzensizlięi durumudur.

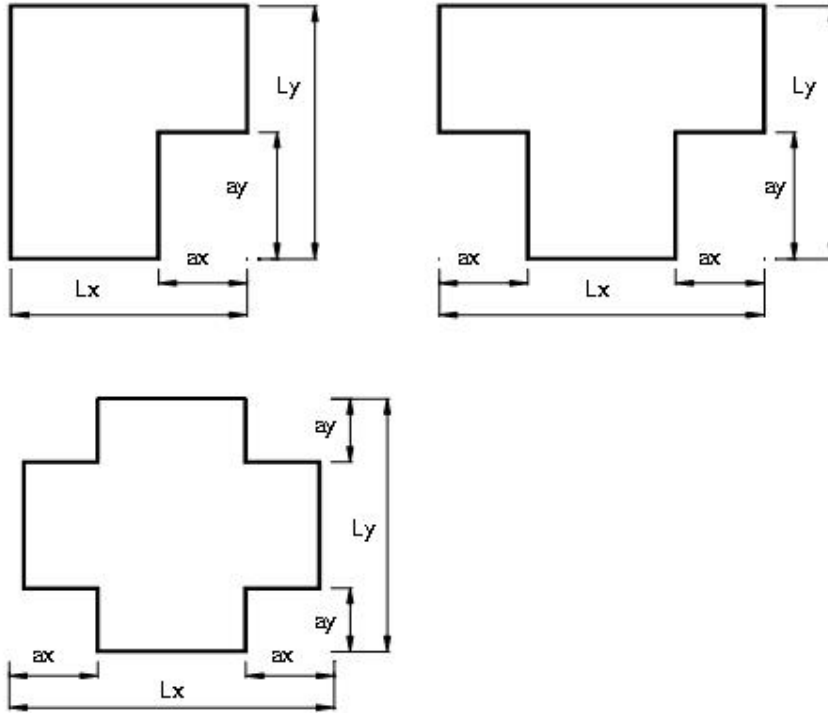
A2 türü düzensizlikler:



Şekil(4.7) A2 Düzensizlięi Kontrolü

ise A2 türü düzensizlik vardır.

kat alanı



Şekil(4.8) A3 Düzensizliği

$ax > 0.2 Lx$ ve aynı zamanda $ay > 0.2 Ly$ ise A3 türü düzensizlik vardır

Deprem kuvvetinin yapıda kütlelerin yoğun olarak bulunduğu döşemelerde meydana geldiği kabul edildiği için, bu yüklerin döşemelerde mesnetlik yapan kiriş, kolon ve perde gibi elemanlara iletilmesi önemlidir. Döşeme boşluklarının bulunması ve özellikle döşemenin doğrudan kolon ve perdeye mesnetlendiği kirişsiz döşemelerde bu mesnetleme kenarında boşlukların bulunması, kuvvet iletimini zorlaştıracak ve gerilme yığılmalarına sebep olacaktır. Bunun gibi, döşeme kalınlığında ani sayılabilecek değişiklikler de deprem kuvvetlerinin iletilmesinde ani gerilme yığılmalarına sebep olabilir. Bu düzensizliğin bulunduğu binalarda, kat döşemelerin kendi düzlemleri içinde deprem kuvvetlerini, kolon ve perde gibi düşey taşıyıcı elemanlarına güvenle aktarabildiği gösterilmelidir. Deprem yönetmeliğinde bir hesap ayrıntısı verilmemiş olup, hesap kabulleri ve çözümleme yönteminin proje mühendisi tarafından seçilmesi gerekmektedir.

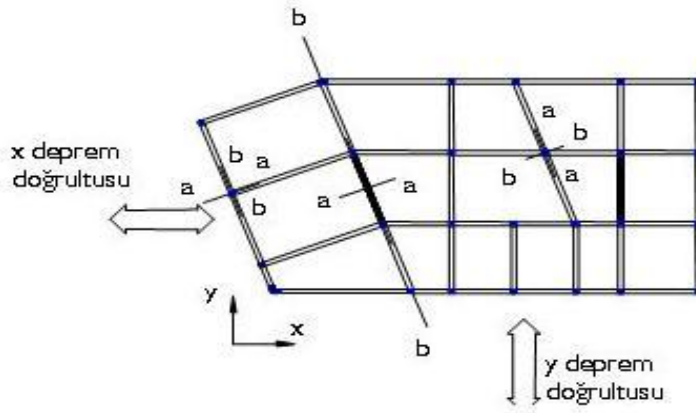
L, T, H ve U şeklindeki döşemeler deprem kuvvetlerini diğer elemanlara iletirken rijit diyafram gibi davrandığı kabulü doğru olmayabilir. Bu durumda sistem döşemenin kollarında düzlemleri içinde birbirine göre relatif yer değiştirme yapabilir. Döşemede oluşan deprem yüklerin kiriş, kolon ve perde gibi elemanlara paylaştırılmasında

döşemenin düzlem içi eğilmenin de göz önüne alınması ve bu kuvvetlerin güvenle elemanlar arası aktarabildiğinin gösterilmesi gerekir.

ideCAD Statik programında seçilen bir döşeme kesiti, seçilen kolonlardaki deprem kesme kuvvetlerinin oluşturduğu momentlerle tahkik edilerek, kesitteki beton basınç dayanımının yeterli olup olmadığı kontrol edilebilir. Yeterli değilse programın söz konusu döşeme kesiti için önerdiği donatı alanı kesitin altına ve üstüne yerleştirilebilir.

4.11.A4 Taşıyıcı Sistem Eleman Eksenlerinin Paralel Olmaması

Taşıyıcı sistemin düşey elemanlarının plandaki asal eksenlerinin, göz önüne alınan birbirine dik yatay deprem doğrultularına paralel olmaması, taşıyıcı eleman eksenlerinin paralel olmaması durumudur.



Şekil(4.9) A4 Taşıyıcı Sistem Eleman Eksenlerinin Paralel Olmaması

Bu tür düzensizliklerin bulunduğu binalarda, elemanların asal eksen doğrultusundaki iç kuvvetler aşağıdaki denkleme göre elde edilecektir.

$$B_a = \pm B_{ax} \pm 0.30 B_{ay} \quad (\text{Denklem.3.15})$$

$$B_a = \pm 0.30 B_{ax} \pm B_{ay} \quad (\text{Denklem.3.16})$$

B_{ax} , taşıyıcı sistem elemanlarının a asal eksen doğrultusunda, x doğrultusundaki depremden oluşan iç kuvvet büyüklüğü, B_{ay} , taşıyıcı sistem elemanlarının a asal eksen doğrultusunda, x 'e dik y doğrultusundaki depremden oluşan iç kuvvet büyüklüğü B_a ise, taşıyıcı sistem elemanlarının a asal eksen doğrultusunda tasarıma esas iç kuvvet büyüklüğüdür.

Sistemde, herhangi bir kolonun major eksen global koordinat takımına göre 0 ya da 90 dereceden farklı olacak şekilde yerleştirildiğinde o sistemde A4 düzensizliği var demektir. Aynı şekilde, sistemde bulunan poligon

kolonlar her koşulda A4 düzensizliği oluştururlar. Çünkü poligon kolonların major eksenini, 0 ya da 90 derece değildir. Herhangi bir açıdadır. Program poligon kolonların major eksenini otomatik bulmakta, major eksenini 0 ya da 90 dereceden farklı olduğu durumda ise A4 düzensizliği tespit etmektedir.

4.12.B1 Komşu Katlar Arası Dayanım Düzensizliği

Betonarme binalarda, birbirine dik iki deprem doğrultusunun herhangi birinde, herhangi bir kattaki etkili kesme alanı'nın, bir üst kattaki etkili kesme alanı'na oranı olarak tanımlanan Dayanım Düzensizliği η_{ci} 'nin 0.80'den küçük olması durumudur. η Katsayısı

Dayanım düzensizliği katsayısı:

$$\eta_{ci} = \frac{\sum A_{e,i}}{\sum A_{e,i+1}} < 0.80$$

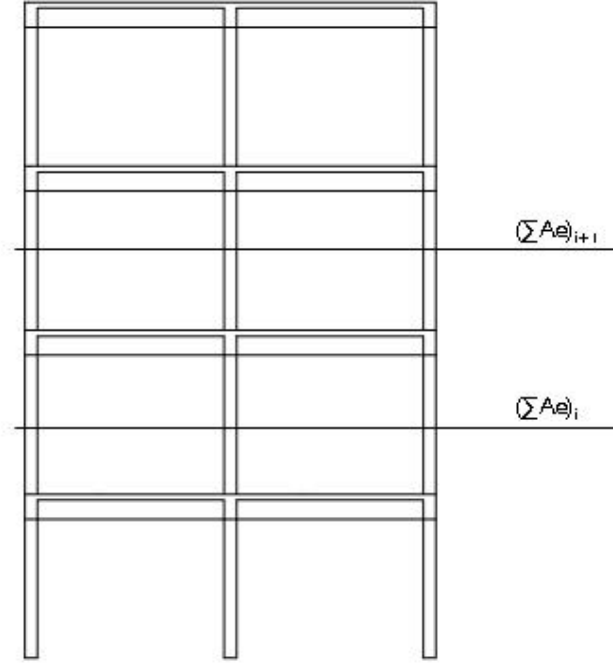
(Denklem.3.17)

Etkili kesme alanı:

$$\sum A_e = \sum A_w + \sum A_g + 0.15 \sum A_k$$

(Denklem.3.18)

Yapılarda depremden dolayı doğan kolon ve perde kesme kuvvetleri ve momentleri üst katlara doğru azalır. Buna uygun olarak bina yüksekliği boyunca kolon ve perde kapasitelerinin yukarıya doğru azalarak değişimi beklenir. Bu suretle taşınması gereken etki ile taşınabilecek etki arasında uygun bir değişim oluşturulur ve oluşabilecek bir deprem hasarının dengeli bir biçimde dağılmasını sağlar. Katların yatay kuvvet taşıma kapasitesine kargir duvarlar da etkili olur. Birbirini takip eden iki katta düşey kolon ve perde kesitlerinde önemli değişiklikler olmamasına rağmen, alt katta kargir duvarların bulunmaması, bu katın taşıma kapasitesini azaltır ve deprem hasarının bu katta yoğunlaşmasına sebep olur. B1 düzensizliğinin bulunduğu binalarda i' inci kattaki dolgu duvarı alanlarının toplamı bir üst kattaki duvarlarına göre daha fazla ise, dayanım düzensizliği katsayısının hesabında dolgu duvarları göz önüne alınmayacaktır. Bu tür düzensizliğin bulunduğu duvarlarda eğer, $0.60 \leq \eta_{ci, \min} < 0.80$ ise, olumsuzluğun giderilmesi için, taşıyıcı davranış katsayısı $1.25 \cdot \eta_{ci, \min}$ ile çarpılarak küçültülecek ve böylece toplam deprem etkisi büyütülecek ve binanın tümüne her iki doğrultuda uygulanacaktır. Buna karşılık $\eta_{ci, \min} < 0.60$ durumuna izin verilmediği için, zayıf katın kolon ve perde kesitleri uygun şekilde artırılarak bu oranın büyümesi sağlanacaktır.



Şekil(4.10) B1 Komşu Katlar Arası Dayanım Düzensizliği

Mimari tasarım ideCAD mimari programı kullanılarak yapılmışsa, duvar etkili alanları toplamı, ideCAD Statik'de tanımlanmış duvar objelerin özellikleri kullanılarak bulunur. Çünkü ideCAD Mimari programında tanımlanan duvarın kalınlığı ve uzunluğu belirtilebilmektedir.

Mimari tasarım ideCAD Statik programında yapılmamışsa, duvar yükleri nümerik bir değer olarak kg/m cinsinden kirişlerin üstünde tanımlanacaktır. Bu durumda o kirişin üzerindeki duvarın deprem doğrultusundaki alanı, kiriş uzunluğu, kat yüksekliği ve duvar birim hacim ağırlığı kullanılarak bulunur.

$$\text{DuvarYüksekliği} = \text{KatYüksekliği} * 0.821428571 \text{ (Ortalama duvar yüksekliği)} \quad (\text{Denklem.3.19})$$

$$\text{DuvarKalınlığı} = \text{DuvarYükü} / (\text{DuvarBirimAğırlığı} * \text{DuvarYüksekliği}) \quad (\text{Denklem.3.20})$$

X yönü;

$$A_k = \text{DuvarKalınlığı} * \text{KirişUzunluğu} * \text{Cos(kirişaçısı)} \quad (\text{Denklem.3.21})$$

Y yönü;

$$A_k = \text{DuvarKalınlığı} * \text{KirişUzunluğu} * \text{Sin(kirişaçısı)}$$

Kirişlere tanımlanan duvar yükleri çalışılan katın duvarlarını değil doğal olarak bir üst katın duvarlarını temsil etmektedir. Bu sebeple projenin en alt katı için, duvar ağırlığı girilemeyecektir. En alt katta duvar değeri tanımlanamadığı için Ak değerini doğal olarak belirsizdir. Bu sebeple Kat parametreleri diyalogunda her kat için Ak değeri kullanıcı tarafından tanımlanabilmektedir. Kullanıcı isterse, sadece en alt katta Ak değeri girerek, diğer katları programa otomatik hesaplayabilir.

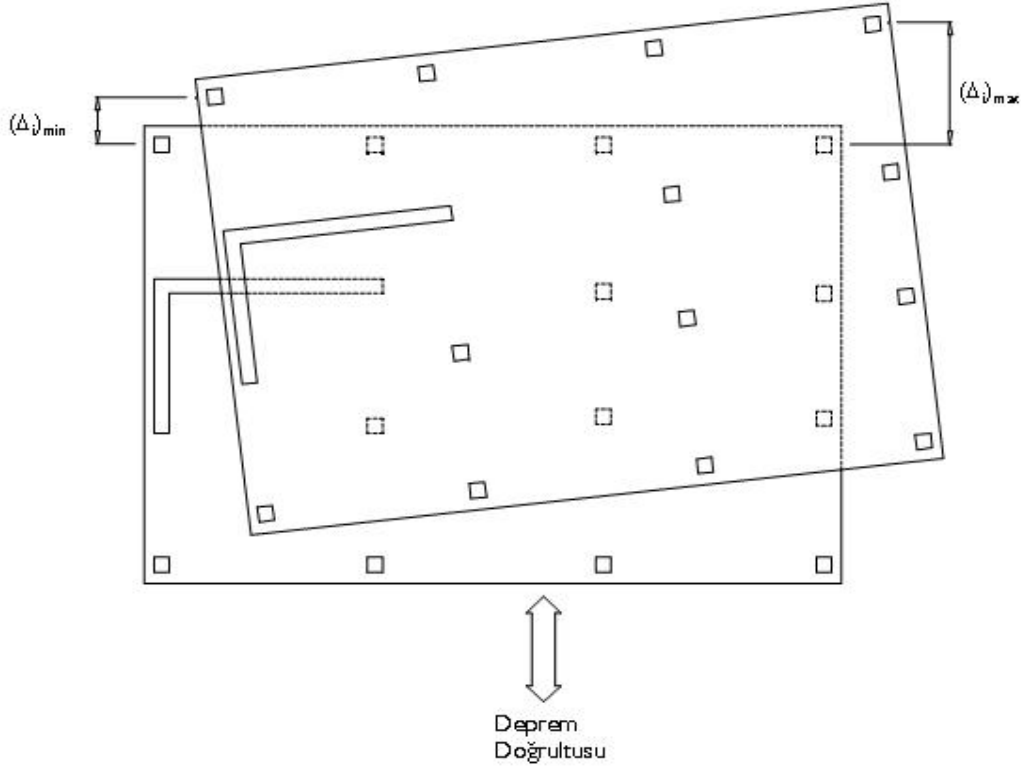
$0.60 \leq \eta_{ci,min} < 0.80$ aralığında R katsayısı $\eta_{ci,min}$ ile otomatik olarak çarpılmaktadır. $\eta_{ci,min} < 0.60$ ise, kolon ve perdelerin kesitlerinin büyütülmesi için kullanıcı raporlarda uyarılmaktadır.

4.13.B2 Komşu Katlar Arası Rijitlik Düzensizliği

Birbirine dik iki deprem doğrultusunun herhangi biri için, herhangi bir i' inci kattaki ortalama görel kat ötelemesinin bir üst kattaki ortalama görel kat ötelemesine oranı olarak tanımlanan Rijitlik Düzensizliği Katsayısı η_{ki} 'nin 1.5'tan fazla olması durumudur.

$$\eta_{ki} = \frac{\Delta_{iortalama}}{\Delta_{i+1ortalama}} = \frac{\Delta_{imin} + \Delta_{imax}}{\Delta_{(i+1)min} + \Delta_{(i+1)max}} > 1.5$$

(Denklem.3.22)

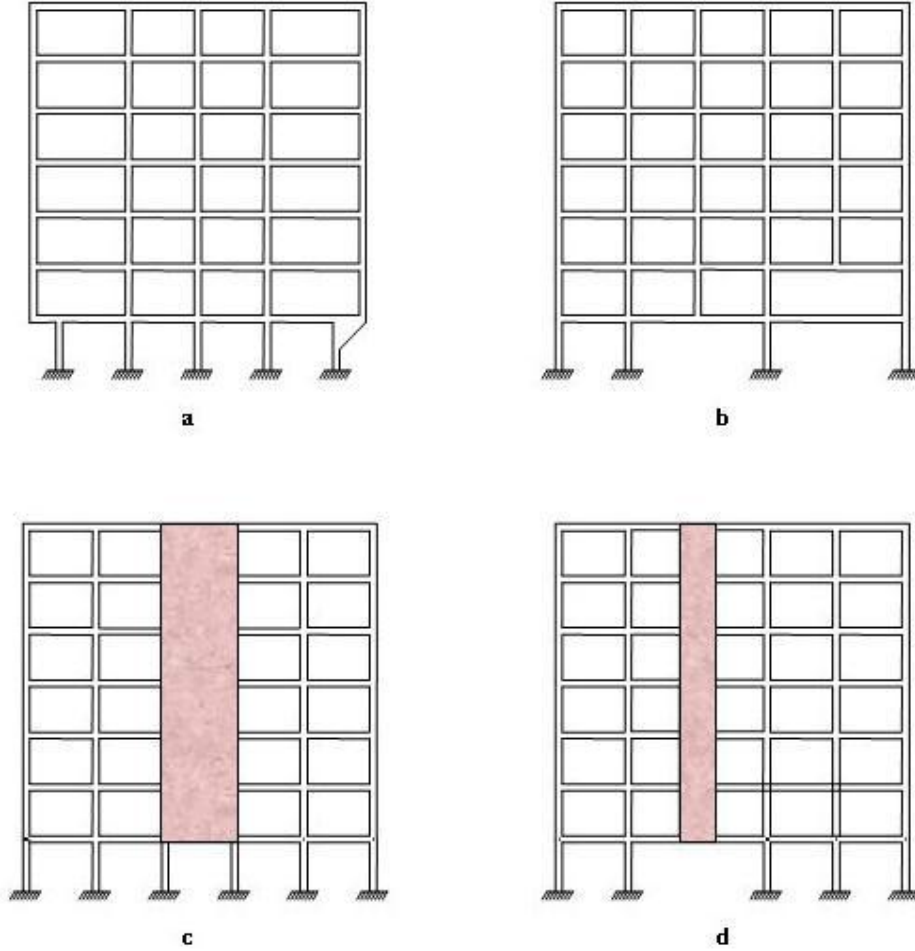


Şekil(4.11) B2 Komşu Katlar Arası Rijitlik Düzensizliği

B2 düzensizliđi hesap yönteminin seçiminde etkili olan düzensizliktir. ideCAD statik programında 4 versiyonundan sonra eşdeđer deprem yükü yönteminin uygulanmasına hiçbir koşulda müsaade edilmez. Kullanıcı hesabı dinamik analiz ile yapmak durumundadır.

4.14.B3 Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliđi

Taşıyıcı sistemin düşey elemanlarının (kolon veya perdelerin) bazı katlarda kaldırılarak kirişlerin veya guseli kolonların üstüne veya ucuna oturtulması, ya da üst kattaki perdelerin altta kolonlara veya kirişlere oturtulması bu düzensizliđi oluşturur.



Şekil(4.12) Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliđi

a = Bütün deprem bölgelerinde, kolonların binanın herhangi bir katında konsol kirişlerin veya alttaki kolonlarda oluşturulan güselerin üstüne veya ucuna oturtulmasına hiçbir zaman izin verilmez.

b= Kolonun iki ucundan mesnetli bir kirişe oturması durumunda, kirişin bütün kesitlerinde ve ayrıca göz önüne alınan deprem doğrultusunda bu kirişin bağlandığı düğüm noktalarına birleşen diğer kiriş ve kolonların bütün kesitlerinde, düşey yükler ve depremin ortak etkisinden oluşan tüm iç kuvvet değerleri %50 oranında arttırılacaktır.

c= Üst kattaki perdenin her iki ucundan altta kolonlara oturtulması durumunda, bu kolonlarda düşey yükler ve depremin ortak etkisinden oluşan tüm iç kuvvet değerleri %50 arttırılacaktır. Perdeye mesnetlik yapan kolonların sarılma bölgesindeki enine donatı bütün kolon boyunca devam ettirilecektir. (Program bu sistem için herhangi bir önlem almaz).

d= Perdelerin binanın herhangi bir katında, kendi düzlemleri içinde kirişlerin üstüne açıklık ortasında oturtulmasına hiçbir zaman izin verilmez.

Deprem etkilerinin karşılanmasında, taşıyıcı sistemin düzgün çerçeve sisteminin sağlanması, kolon ve perdelerden oluşan düşey taşıyıcı elemanların bina yüksekliği boyunca sürekli

devam etmesi, yapının davranışını önemli ölçüde etkiler. Bunlardaki süreksizler taşıyıcı sistemde çerçeve oluşmasını engeller. Depremin düşey bileşeninin yataydan daha küçük olması ve taşıyıcı sistemin boyutlanmasında düşey yüklerin etkili olması nedeniyle, depremin düşey bileşeni göz önüne alınmaz. Ancak, düşey taşıyıcı elemanın süreksiz olması, depremin düşey bileşeni nedeniyle bu elemanlarda oluşan normal kuvvetler kirişlerde önemli eğilme etkileri oluşturur. Ayrıca kolon ve perdelerdeki süreksizlikler de mesnetlendikleri kirişlerde önemli yer değiştirmelere ve ikinci mertebe etkilerine sebep olabilir. Bütün bu nedenlerle taşıyıcı sistemde düşey eleman süreksizliğinden kaçınmak en uygun yoldur. Bu sebeplerden dolayı Deprem Yönetmeliği bu tür düzensizlikleri yasaklamış ve deprem yüklerini arttırmıştır.

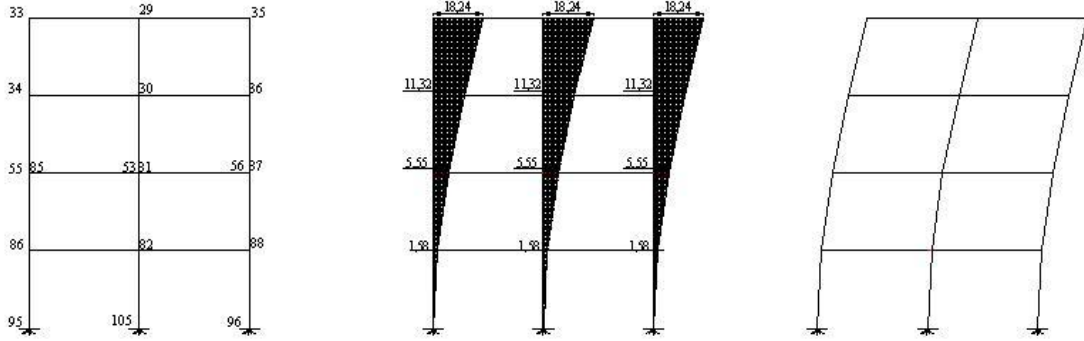
4.15.Vis/Vik Oranları

Herhangi bir deprem yüklemesinde ve herhangi bir katta, $\alpha_i < 0.70$ olmasına izin verilmez. $0.70 < \alpha_i < 1$ aralığında $(M_{ra} + M_{r\bar{u}}) \geq 1.2 (M_{ri} + M_{rj})$ denkleminin hem alttaki, hem de üstteki düğüm noktalarının sağlandığı kolonlara etkileyen eğilme momentleri ve kesme kuvvetleri $1/\alpha_i$ oranında çarpılarak otomatik olarak attırılır. Sonuçlar "Eleman Uç Kuvvetleri" başlığında ikinci satır olarak (yanına $1/\alpha_i$ yazar) listelenir.

4.16 KAT DEPLASMANLARI

4.16.1.MAFSAL BAĞLANTILI KAT DEPLASMANLARI

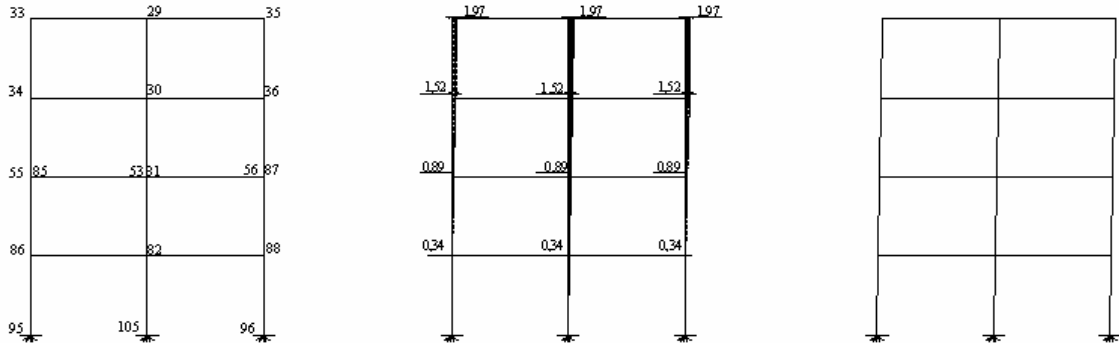
Deprem yüklemesinde ortaya çıkan katların düğüm noktalarında kat deplasmanları aşağıda gösterilmiştir



Şekil(4.13) Mafsal Bağlantılı Yapının Deplasmanları

4.16.2.RİJİT BAĞLANTILI KAT DEPLASMANLARI

Deprem yüklemesinde ortaya çıkan katların düğüm noktalarında kat deplasmanları aşağıda gösterilmiştir



Şekil(4.14) Rijit Bağlantılı Yapının Deplasmanları

5.SONUÇLAR

Bu çalışmada, 4 katlı betonarme yapının kirişlerini mafsallaştırıp yeni deprem yönetmeliği (DBYDH-2007) ve TS500-2000 göre ideCAD'de analizi yapılarak çözümlenip çıkan sonuçları, 4 katlı betonarme yapıyı rijit bağlantılı olarak ideCAD'de analizi yapılarak çözümlenip çıkan 2 sonucu karşılaştırarak aralarındaki farkları inceleyip kat deplasman grafikleri incelenmiştir. Destek olarak lisanslı İDECAD Statik 5.511 enterprise kullanılmıştır.

Sonuç olarak mafsal bağlantılı yapı tasarımıımızda ele aldığımız betonarme model izin verilen sınır şartları içerisinde deplasman yaptığı tespit edilmiştir. Deplasman sınır şartı ise toplam kat yüksekliğinin 1/300 kadar deplasmana izin verilir. Yapılan 4 katlı betonarme binanın mafsal bağlantılı ve rijit bağlantılı analizi sonucu çıkan deplasman değerleri yönetmeliğin verdiği sınır şartlarını geçmediği görülmektedir ama yapılacak olan betonarme binaların fazla deplasman yapılmaması önerilir bu yüzden yapılacak olan binaların bağlantılarının mafsal bağlantı yerine rijit bağlantı olması halinde fazla deplasman yapılamayacağı görüldüğünden binaların bağlantıları rijit bağlantılı olarak yapılması önerilir.

KAYNAKÇA

1. Afet Bölgelerinde Yapılacak Yapılar Hakkında Yönetmelik, 2007, Ankara.
2. Çakıroğlu, A., Özden, E., Özmen, G.,(1974),”Yapı Sistemlerinin Hesabı için Matris Metodları ve Elektronik Hesap Makinesi Programları”, İstanbul.
3. Çakıroğlu, A., Özmen, G., (1979), “Ortogonal Olmayan Çerçevelerden Oluşan Yapılar için Geliştirilmiş Muto Yöntemi”, İ.T.Ü. Dergisi, Cilt 37, Sayı 2, s.25-34, İstanbul.
4. Özmen, G., (1978), “Ortogonal Taşıyıcı Sistemlerden Oluşan Çok Katlı Yapıların Yatay Yüklere Göre Hesabı”, İ.T.Ü. Dergisi, Cilt 36, Sayı 1 s. 25-34, İstanbul
5. Stamatto, M.C., Stafford, S.B.,(1969) “An Approximate Method for the Three Dimensional Analysis of Tall Buildings”, Proc. Instn. Civ. Engrs., s. 361-379.
6. Söz konusu referans O.D.T.Ü.’de hazırlanmış bir program değerlendirme testidir. İlgili firmanın, firmamıza yaptığı talep üzerine kaynak adı belirtilmemiştir.
7. Tezcan, S.S., (1970), “Çubuk Sistemlerin Elektronik Hesap Makineleri İle Çözümü” İstanbul Teknik Üniversitesi Kütüphanesi, Elektronik Hesap Bilimleri Enstitüsü Yayınları, No.12, İstanbul.
8. Wilson, E.L., (1970), “SOLID SAP-A Statik Analysis Program for Three Dimensional Solid Structures”, University of California, Structural Engineering Laboratory, Report No.UC-SESM 71-19
9. Wilson, E.L., Dovey II.II., Habibullah, A., (1980).”TABS80, Three Dimensional Analysis of Building Systems Theoretical Manual”.
10. Wilson, E.L., Habibullah, A., (1992), “Sap90,Structural Analysis, User Manual”.
11. Zorbozan, M., (1981),”Direkt Deplasman Metodu ile Ortogonal Taşıyıcı Sistemlerden oluşan Çok Katlı Yapıların Yatay Yüklere Göre Hesabı için Bir EHM Programı /YAYOI”, İ.T.Ü. İnşaat Fakültesi, İstanbul.
12. Zorbozan, M., (1983),”Ortogonal Olmayan Taşıyıcı Sistemlerden Oluşan Çok Katlı Yapıların Yatay Yüklere Göre Hesabı için Bir Yöntem”,Doktora Tezi, İ.T.Ü İnşaat Fakültesi, Fen Bilimleri Enstitüsü, İstanbul.
13. Laboratory, Report No.UC-SESM 71-19
14. Wilson, E.L., Dovey II.II., Habibullah, A., (1980).”TABS80, Three Dimensional Analysis of Building Systems Theoretical Manual”.
15. Zekai Celep, Nahit Kumbasar, (1998). “Betonarme Yapılar”
16. Zekai Celep, Nahit Kumbasar, (2000). “Deprem Mühendisliğine Giriş”
17. Adnan Çakıroğlu, Erkan Özer, “Eğik Eğilme ve Eksenel Kuvvet Etkisindeki Dikdörtgen Betonarme Kesitlerde Taşıma Gücü Formülleri”

18. Uğur Ersoy, (1987), “Betonarme Temel İlkeler ve Taşıma Gücü Hesabı”
19. Uğur Ersoy, (1995), “Betonarme II Döşeme ve Temeller”
20. Birkeland, P.W., Birkeland H.W., 1966, Connections in Precast Concrete Construction,
ACI Journal March 1966, pp 345-367.
21. Hagberg, T. Corbel Design, Beton und Stahlbetonbau, 1966 No.3, pp68-72.
22. Robinson, J.R., Reinforcement of Short Cantilevers Aus Theorie und Praxis des
Stahlbetonbaus (Reinforced Concrete Construction Theory and practice) Publ.W.Ernst, Son,
1969, Berlin.
23. Hofbeck, J.A., Ibrahim, I.O., Mattock, A.H., 1969, Shear Transfer in Reinforced Concrete,
PCI Journal, Jan-Feb, 1976, pp.21-39.

EKLER

ideCAD Statik (Ver: 5.511)	61
Betonarme yapılar için hesap, çizim, güçlendirme ve metraj içeren entegre CAD programı	61
Proje Adı : MAFSALLI YAPI	61
Firma : FEN BİLİMLERİ ENSİTÜSÜ	61
Kontrol eden : Prof.Dr.CELAL KOZANOĞLU	61
YAPI UZAY ÇERÇEVE ELEMAN BİLGİLERİ	62
KULLANICI TANIMLI ELEMANLAR	64
KAT EŞDEĞER YATAY KUVVETLERİ VE GENEL BİLGİLERİ	65
DİNAMİK HESAP	66
Spektrum Katsayısı(Spektrum Eğrisi)	66
X	66
X Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü	66
X Karakteristik Mod Vektörleri	66
X Normalleştirilmiş Yapı Serbest Titreşim Modları	66
X Yapı Kat Maksimum İvmeleri	66
X Yapı Kat Modal Kütleleri	66
X Yapı Kat Elastik Deprem Yükleri	67
X Yapı Kat Tasarım Deprem Yükleri	67
X Yapı Kat Maksimum Yükleri	67
Spektrum Katsayısı(Spektrum Eğrisi)	67
Y	67
Y Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü	67
Y Karakteristik Mod Vektörleri	67
Y Normalleştirilmiş Yapı Serbest Titreşim Modları	67
Y Yapı Kat Maksimum İvmeleri	67
Y Yapı Kat Modal Kütleleri	67
Y Yapı Kat Elastik Deprem Yükleri	68
Y Yapı Kat Tasarım Deprem Yükleri	68
Y Yapı Kat Maksimum Yükleri	68
KATLARA ETKİYEN YATAY YÜKLER	69
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	69
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	69
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	69
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	69
DÜĞÜM NOKTASI DEPLASMANLARI	70
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem Deplasmanlar U ve Dönmeler R	70
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem Deplasmanlar U ve Dönmeler R	71
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R	72
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem Deplasmanlar U ve Dönmeler R	74
Yükleme 5 G DÜŞEY Deplasmanlar U ve Dönmeler R	75
Yükleme 6 Q DÜŞEY Deplasmanlar U ve Dönmeler R	77
KAT DEPLASMANLARI	79
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	79
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	79
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	79
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	79
ELEMAN UÇ KUVVETLERİ	80
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	80
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	81
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	83
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	85
Yükleme 5 G DÜŞEY	87
Yükleme 6 Q DÜŞEY	89
ELEMAN UÇ KUVVETLERİ (GLOBAL)	92
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	92
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	93
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	95
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	97
Yükleme 5 G DÜŞEY	99
Yükleme 6 Q DÜŞEY	101
GÖRELİ KAT ÖTELEMELERİNİN SINIRLANDIRILMASI	104
1.Deprem Yükleme	104

3.Deprem Yüklemesi	104
4.Deprem Yüklemesi	104
2.MERTEBE ETKİLERİ	104
1.Deprem Yüklemesi	104
2.Deprem Yüklemesi	104
3.Deprem Yüklemesi	104
4.Deprem Yüklemesi	104
DÜZENSİZLİK DURUMLARI	104
A-Planda Düzensizlik Durumları	104
A1-Burulma Düzensizliği	104
B-Düşey Doğrultuda Düzensizlik Durumları	105
B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - X	105
B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - Y	105
B2-Komşu Katlar Arası Rijitlik Düzensizliği (Yumuşak Kat)	105
B3-Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliği	105
2.7.5. ELEMAN ASAL EKSEN DOĞRULTULARINDAKİ İÇ KUVVETLER	105
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	105
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	106
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	107
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	108
R KATSAYISININ SEÇİM NEDENİ	109
Kesme Kuvveti Kontrolü 1. Deprem Yüklemesi	109
Kesme Kuvveti Kontrolü 2. Deprem Yüklemesi	109
Kesme Kuvveti Kontrolü 3. Deprem Yüklemesi	109
Kesme Kuvveti Kontrolü 4. Deprem Yüklemesi	110
HESAP YÖNTEMİNİN SEÇİM NEDENİ	110
Vis/Vik ORANLARI	110
DÖŞEMELER	111
Hesap Ön Bilgileri	111
Döşeme Statik-Betonarme Sonuçları ve Donatıları	111
KİRİŞLER	112
Hesap Ön Bilgileri	112
Kiriş Yükleri	112
Kirişlerin Betonarme Hesap Sonuçları	117
Kirişlerin Donatıları	120
Deprem Yönetmeliği Kiriş Tahkikleri	124
KOLONLAR	125
Hesap Ön Bilgileri	125
Kolonların Betonarme Hesap Sonuçları	125
İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)	126
Kolonların Donatıları	128
Deprem Yönetmeliği Kolon Tahkikleri (Güçlü Kolon ve Kesme Kuvveti)	129
KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ	131
1. Deprem Yüklemesi	131
2. Deprem Yüklemesi	131
3. Deprem Yüklemesi	132
4. Deprem Yüklemesi	133
PERDELER	135
Hesap Ön Bilgileri	135
Perdelerin Tasarım Eğilme Momentleri	135
Perde Betonarme Hesap Sonuç ve Donatıları	135
RADYE DÖŞEME ELEMANLARI SONUÇLARI	136
Yükleme E1	136
Yükleme E2	136
Yükleme E3	136
Yükleme E4	136
Yükleme G	136
Yükleme Q	136
SÜREKLİ TEMELLER	137
Hesap Ön Bilgileri	137
Temellere Gelen Kolon Yükleri	137
Sürekli Temellerin Ştatik Hesap Sonuçları	137

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	138
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	138
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	138
Yükleme 5 G DÜŞEY	139
Yükleme 6 Q DÜŞEY	139
Sürekli Temel Kirişlerinin Donatıları	139
KOLON ETKİLERİ	141
KOLON KONTROL	142
Sürtünme Kesmesi	143

ideCAD Statik (Ver: 5.511)

Betonarme yapılar için hesap, çizim, güçlendirme ve metraj içeren entegre CAD programı

Proje Adı : MAFSALLI YAPI

Firma : FEN BİLİMLERİ ENSİTÜSÜ

Kontrol eden : Prof.Dr.CELAL KOZANOĞLU

Kat sayısı :	4
Yapı önem katsayısı :	1
Taşıyıcı sistem davranış katsayısı (girilen) X/Y:	6.99 / 6.99
Taşıyıcı sistem davranış katsayısı (seçilen) X/Y:	6.99 / 6.99
Süneklik X/Y:	YÜKSEK / YÜKSEK
Deprem bölgesi :	1
Etkin yer ivme katsayısı :	0.4
Zemin sınıfı :	Z3, Ta = 0.15, Tb = 0.60
Rijit bodrum katı numarası :	-1
Rijit bodrum katı sayısı :	0
Zemin emniyet gerilmesi :	11.40 t/m ²
Yatak katsayısı :	2160.00 t/m ³
Beton Sınıfları :	30
Çelik Sınıfları :	420
Beton birim hacim ağırlığı :	2.50 t/m ³
Beton güvenlik katsayısı :	1.5
Çelik güvenlik katsayısı :	1.15
Zati yük faktörü :	1.4
Hareketli yük faktörü :	1.6
Yönetmelik :	TS500-2000; TDY 2007
Betonarme hesap yöntemi :	Taşıma gücü
Deprem belirleme yöntemi :	Mod birleştirme yöntemi (dinamik)
Temel analiz yöntemi :	Elastik zemine oturan temel

YAPI UZAY ÇERÇEVE ELEMAN BİLGİLERİ

Eleman Kat	i	j	L	I Burul	I Major	I Minor	A	cos	sin	Ex1(x0)	Ey1(y0)	Ex2	Ey2
K01 * 3. KAT	31	27	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K02 *	27	37	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K03 *	17	25	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	0.25
K04 *	25	11	3.05	0.0080	0.0080		0.239	1	0	0.15	0.25	-0.4	0
K05 *	15	21	2.95	0.0079	0.0079		0.237	1	0	0.4	0	-0.25	0
K06 *	21	9	2.95	0.0079	0.0079		0.237	1	0	0.25	0	-0.4	0
K07 *	19	23	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	-0.25
K08 *	23	13	3.05	0.0062	0.0069		0.209	1	0	0.15	-0.25	-0.4	0
K09 *	33	29	3.55	0.0065	0.0071		0.214	1	0	0.15	-0.25	-0.15	-0.25
K10 *	29	35	3.55	0.0046	0.0054		0.180	1	0	0.15	-0.25	-0.15	-0.25
K11 *	33	19	2.2	0.0060	0.0068		0.206	0	1	0	0.4	-0.25	-0.15
K12 *	17	31	2.2	0.0060	0.0068		0.206	0	1	-0.25	0.15	0	-0.4
K13 *	29	23	2.2	0.0057	0.0065		0.201	0	1	0	0.4	0	-0.4
K14 *	23	21	2.95	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.25
K15 *	21	25	2.95	0.0070	0.0074		0.222	0	1	0	0.25	0	-0.4
K16 *	25	27	2.2	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.4
K17 *	35	13	2.2	0.0046	0.0054		0.180	0	1	0	0.4	0.25	-0.15
K18 *	11	37	2.2	0.0060	0.0068		0.206	0	1	0.25	0.15	0	-0.4
P01	6	5	2.7		1.1185	0.0080	1.065	1	0	0.3	8.93	0	0
P02	8	7	2.7		1.1185	0.0080	1.065	1	0	0.3	5.08	0	0
P03	2	1	2.7		1.1185	0.0080	1.065	1	0	7.7	8.93	0	0
P04	4	3	2.7		1.1185	0.0080	1.065	1	0	7.7	5.08	0	0
S01	32	31	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	13.6		
S02	28	27	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	13.6		
S03	38	37	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	13.6		
S04	18	17	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	10.85		
S05	26	25	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	10.6		
S06	12	11	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	10.85		
S07	16	15	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	7		
S08	22	21	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7		
S09	10	9	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	7		
S10	20	19	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	3.15		
S11	24	23	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	3.4		
S12	14	13	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	3.15		
S13	34	33	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	0.4		
S14	30	29	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	0.4		
S15	36	35	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	0.4		
K01 * 2. KAT	32	28	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K02 *	28	38	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K03 *	18	26	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	0.25
K04 *	26	12	3.05	0.0080	0.0080		0.239	1	0	0.15	0.25	-0.4	0
K05 *	16	22	2.95	0.0079	0.0079		0.237	1	0	0.4	0	-0.25	0
K06 *	22	10	2.95	0.0079	0.0079		0.237	1	0	0.25	0	-0.4	0
K07 *	20	24	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	-0.25
K08 *	24	14	3.05	0.0062	0.0069		0.209	1	0	0.15	-0.25	-0.4	0
K09 *	34	30	3.55	0.0065	0.0071		0.214	1	0	0.15	-0.25	-0.15	-0.25
K10 *	30	36	3.55	0.0046	0.0054		0.180	1	0	0.15	-0.25	-0.15	-0.25
K11 *	34	20	2.2	0.0060	0.0068		0.206	0	1	0	0.4	-0.25	-0.15
K12 *	18	32	2.2	0.0060	0.0068		0.206	0	1	-0.25	0.15	0	-0.4
K13 *	30	24	2.2	0.0057	0.0065		0.201	0	1	0	0.4	0	-0.4
K14 *	24	22	2.95	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.25
K15 *	22	26	2.95	0.0070	0.0074		0.222	0	1	0	0.25	0	-0.4
K16 *	26	28	2.2	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.4
K17 *	36	14	2.2	0.0046	0.0054		0.180	0	1	0	0.4	0.25	-0.15
K18 *	12	38	2.2	0.0060	0.0068		0.206	0	1	0.25	0.15	0	-0.4
P01	41	6	2.7		1.1185	0.0080	1.065	1	0	0.3	8.93	0	0
P02	42	8	2.7		1.1185	0.0080	1.065	1	0	0.3	5.08	0	0
P03	39	2	2.7		1.1185	0.0080	1.065	1	0	7.7	8.93	0	0
P04	40	4	2.7		1.1185	0.0080	1.065	1	0	7.7	5.08	0	0
S01	54	32	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	13.6		
S02	52	28	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	13.6		
S03	57	38	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	13.6		
S04	47	18	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	10.85		
S05	51	26	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	10.6		
S06	44	12	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	10.85		
S07	46	16	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	7		
S08	49	22	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7		
S09	43	10	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	7		
S10	48	20	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	3.15		
S11	50	24	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	3.4		
S12	45	14	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	3.15		
S13	55	34	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	0.4		
S14	53	30	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	0.4		
S15	56	36	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	0.4		
K01 * 1. KAT	83	79	3.4	0.0064	0.0070		0.213	1	0	0.2	0.35	-0.2	0.35

YAPI UZAY ÇERÇEVE ELEMAN BİLGİLERİ

Eleman Kat	i	j	L	I Burul	I Major	I Minor	A	cos	sin	Ex1(x0)	Ey1(y0)	Ex2	Ey2	
K04 *	77	64	2.8	0.0077	0.0078		0.234	1	0	0.2	0.35	-0.5	0.05	
K05 *	68	49	2.75	0.0076	0.0078		0.233	1	0	0.5	0	-0.25	0	
K06 *	49	62	2.75	0.0076	0.0078		0.233	1	0	0.25	0	-0.5	0	
K07 *	72	75	2.8	0.0077	0.0078		0.234	1	0	0.5	-0.05	-0.2	-0.35	
K08 *	75	66	2.8	0.0060	0.0068		0.207	1	0	0.2	-0.35	-0.5	-0.05	
K09 *	85	81	3.4	0.0064	0.0070		0.213	1	0	0.2	-0.35	-0.2	-0.35	
K10 *	81	87	3.4	0.0046	0.0054		0.180	1	0	0.2	-0.35	-0.2	-0.35	
K11 *	85	72	2	0.0059	0.0066		0.204	0	1	-0.05	0.5	-0.35	-0.2	
K12 *	70	83	2	0.0059	0.0066		0.204	0	1	-0.35	0.2	-0.05	-0.5	
K13 *	81	75	2	0.0056	0.0064		0.199	0	1	0	0.5	0	-0.5	
K14 *	75	49	2.75	0.0068	0.0073		0.220	0	1	0	0.5	0	-0.25	
K15 *	49	77	2.75	0.0068	0.0073		0.220	0	1	0	0.25	0	-0.5	
K16 *	77	79	2	0.0067	0.0073		0.218	0	1	0	0.5	0	-0.5	
K17 *	87	66	2	0.0046	0.0054		0.180	0	1	0.05	0.5	0.35	-0.2	
K18 *	64	89	2	0.0059	0.0066		0.204	0	1	0.35	0.2	0.05	-0.5	
P01	60	41	2.7		0.9826	0.0076	1.020	1	0	0.3	8.9	0	0	
P02	61	42	2.7		0.9826	0.0077	1.020	1	0	0.3	5.1	0	0	
P03	58	39	2.7		0.9826	0.0076	1.020	1	0	7.7	8.9	0	0	
P04	59	40	2.7		0.9826	0.0077	1.020	1	0	7.7	5.1	0	0	
S01	84	83	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	13.5			
S02	80	79	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	13.5			
S03	90	89	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	13.5			
S04	71	70	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	10.8			
S05	78	77	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	10.5			
S06	65	64	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	10.8			
S07	69	68	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	7			
S08	74	49	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7			
S09	63	62	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	7			
S10	73	72	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	3.2			
S11	76	75	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	3.5			
S12	67	66	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	3.2			
S13	86	85	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	0.5			
S14	82	81	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	0.5			
S15	88	87	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	0.5			
K01 *	ZEMİN KAT	84	80	3.4	0.0064	0.0070	0.213	1	0	0.2	0.35	-0.2	0.35	
K02 *		80	90	3.4	0.0064	0.0070	0.213	1	0	0.2	0.35	-0.2	0.35	
K03 *		71	78	2.8	0.0077	0.0078	0.234	1	0	0.5	0.05	-0.2	0.35	
K04 *		78	65	2.8	0.0077	0.0078	0.234	1	0	0.2	0.35	-0.5	0.05	
K05 *		69	74	2.75	0.0076	0.0078	0.233	1	0	0.5	0	-0.25	0	
K06 *		74	63	2.75	0.0076	0.0078	0.233	1	0	0.25	0	-0.5	0	
K07 *		73	76	2.8	0.0077	0.0078	0.234	1	0	0.5	-0.05	-0.2	-0.35	
K08 *		76	67	2.8	0.0060	0.0068	0.207	1	0	0.2	-0.35	-0.5	-0.05	
K09 *		86	82	3.4	0.0064	0.0070	0.213	1	0	0.2	-0.35	-0.2	-0.35	
K10 *		82	88	3.4	0.0046	0.0054	0.180	1	0	0.2	-0.35	-0.2	-0.35	
K11 *		86	73	2	0.0059	0.0066	0.204	0	1	-0.05	0.5	-0.35	-0.2	
K12 *		71	84	2	0.0059	0.0066	0.204	0	1	-0.35	0.2	-0.05	-0.5	
K13 *		82	76	2	0.0056	0.0064	0.199	0	1	0	0.5	0	-0.5	
K14 *		76	74	2.75	0.0068	0.0073	0.220	0	1	0	0.5	0	-0.25	
K15 *		74	78	2.75	0.0068	0.0073	0.220	0	1	0	0.25	0	-0.5	
K16 *		78	80	2	0.0067	0.0073	0.218	0	1	0	0.5	0	-0.5	
K17 *		88	67	2	0.0046	0.0054	0.180	0	1	0.05	0.5	0.35	-0.2	
K18 *		65	90	2	0.0059	0.0066	0.204	0	1	0.35	0.2	0.05	-0.5	
P01		92	60	2.7		0.9826	0.0076	1.020	1	0	0.3	8.9	0	0
P02		91	61	2.7		0.9826	0.0077	1.020	1	0	0.3	5.1	0	0
P03		94	58	2.7		0.9826	0.0076	1.020	1	0	7.7	8.9	0	0
P04		93	59	2.7		0.9826	0.0077	1.020	1	0	7.7	5.1	0	0
S01		103	84	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	13.5		
S02		109	80	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	13.5		
S03		104	90	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	13.5		
S04		101	71	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	10.8		
S05		108	78	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	10.5		
S06		102	65	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	10.8		
S07		99	69	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	7		
S08		107	74	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7		
S09		100	63	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	7		
S10		97	73	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	3.2		
S11		106	76	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	3.5		
S12		98	67	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	3.2		
S13		95	86	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	0.5		
S14		105	82	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	0.5		
S15		96	88	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	0.5		

KULLANICI TANIMLI ELEMANLAR

Eleman	Kat	fck	k1	fctk	fyk	elast.	ix	iy	iz	Alan	D1	D2	gi	gj
K01	3. KAT												0.0001	0.0001
K02													0.0001	0.0001
K03													0.0001	0.0001
K04													0.0001	0.0001
K05													0.0001	0.0001
K06													0.0001	0.0001
K07													0.0001	0.0001
K08													0.0001	0.0001
K09													0.0001	0.0001
K10													0.0001	0.0001
K11													0.0001	0.0001
K12													0.0001	0.0001
K13													0.0001	0.0001
K14													0.0001	0.0001
K15													0.0001	0.0001
K16													0.0001	0.0001
K17													0.0001	0.0001
K18													0.0001	0.0001
K01	2. KAT												0.0001	0.0001
K02													0.0001	0.0001
K03													0.0001	0.0001
K04													0.0001	0.0001
K05													0.0001	0.0001
K06													0.0001	0.0001
K07													0.0001	0.0001
K08													0.0001	0.0001
K09													0.0001	0.0001
K10													0.0001	0.0001
K11													0.0001	0.0001
K12													0.0001	0.0001
K13													0.0001	0.0001
K14													0.0001	0.0001
K15													0.0001	0.0001
K16													0.0001	0.0001
K17													0.0001	0.0001
K18													0.0001	0.0001
K01	1. KAT												0.0001	0.0001
K02													0.0001	0.0001
K03													0.0001	0.0001
K04													0.0001	0.0001
K05													0.0001	0.0001
K06													0.0001	0.0001
K07													0.0001	0.0001
K08													0.0001	0.0001
K09													0.0001	0.0001
K10													0.0001	0.0001
K11													0.0001	0.0001
K12													0.0001	0.0001
K13													0.0001	0.0001
K14													0.0001	0.0001
K15													0.0001	0.0001
K16													0.0001	0.0001
K17													0.0001	0.0001
K18													0.0001	0.0001
K01	ZEMIN KAT												0.0001	0.0001
K02													0.0001	0.0001
K03													0.0001	0.0001
K04													0.0001	0.0001
K05													0.0001	0.0001
K06													0.0001	0.0001
K07													0.0001	0.0001
K08													0.0001	0.0001
K09													0.0001	0.0001
K10													0.0001	0.0001
K11													0.0001	0.0001
K12													0.0001	0.0001
K13													0.0001	0.0001
K14													0.0001	0.0001
K15													0.0001	0.0001
K16													0.0001	0.0001
K17													0.0001	0.0001
K18													0.0001	0.0001

KAT EŞDEĞER YATAY KUVVETLERİ VE GENEL BİLGİLERİ

Kat	gi	qi	HYKK	wi	Hi	wi*Hi	Fi(x)	Fi(y)	Xm	Ym	Xr	Yr
3. KAT	128.56	15.83	0.3	133.31	10.8	1439.76	30.25	32.44	3.93	7.18	4	7
2. KAT	128.56	15.83	0.3	133.31	8.1	1079.82	21.02	22.55	3.93	7.18	4	7
1. KAT	139.29	15.65	0.3	143.98	5.4	777.49	15.14	16.23	3.94	7.17	4	7
ZEMİN KAT	139.29	15.65	0.3	143.98	2.7	388.75	7.57	8.12	3.94	7.17	4	7

DİNAMİK HESAP

W	=	554.58
T1a	=	0.42
Hn	=	10.8
$\Delta F_n(x)$	=	2.22
$\Delta F_n(y)$	=	2.38
Vt(x)	=	73.98
Vt(y)	=	79.34
VtB(x)	=	53.15
VtB(y)	=	61.89
Vt(x) / VtB(x)	=	1.39
Vt(y) / VtB(y)	=	1.28
β	=	0.9
β Vt(x) / VtB(x)	=	1.25
β Vt(y) / VtB(y)	=	1.15
Ao	=	0.4
I	=	1
Spektrum ordinat çarpanı	=	1

Spektrum Katsayısı(Spektrum Eğrisi)

$$S(T_r) = 1 + 1,5 T_r / 0.15 \quad (0 \leq T_r \leq 0.15)$$
$$S(T_r) = 2,5 \quad (0.15 < T_r \leq 0.6)$$
$$S(T_r) = 2,5 (0.6 / T_r)^{0,8} \quad (T_r > 0.6)$$

İlgili modun T_r değeri yerine koyularak $S(T_r)$ hesaplanır.

X

	1. MOD	2. MOD	3. MOD	4. MOD
Serbest Titreşim Frekansı (w):	9.596	49.809	140.518	249.265
Doğal Titreşim Periyodu (Tr) :	0.65479	0.126147	0.044714	0.025207
Spektrum Katsayısı S(Tr) :	2.331	2.261	1.447	1.252
Spektral İvme Katsayısı A(Tr) :	0.932	0.905	0.579	0.501
Deprem Yükü Azaltma Katsayısı Ra(Tr) :	6.99	6.117	3.137	2.423
İvme Spektrum Ordinatı Spa(Tr) :	1.309	1.451	1.81	2.028
Etkin modal kütle :	37.551	12.457	4.282	2.416
C Katsayısı :	4.48	7.371	14.343	49.074
Katkı çarpanı :	6.128	-3.529	2.069	-1.554

X Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü

Bina Toplam Kütle :	56.53	
Bina Toplam Kütle x 90% :	50.88	
Bina Toplam Kütle x 5% :	2.83	
Toplam Etkin Modal Kütle (X) :	56.71	Hesaba katılan titreşim modu sayısı yeterlidir.

X Karakteristik Mod Vektörleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1	1	1	1
2. KAT	0.614	-0.867	-2.648	-3.994
1. KAT	0.293	-1.324	1.387	7.315
ZEMİN KAT	0.083	-0.571	2.162	-9.741

X Normalleştirilmiş Yapı Serbest Titreşim Modları

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	0.223	0.136	0.07	0.02
2. KAT	0.137	-0.118	-0.185	-0.081
1. KAT	0.065	-0.18	0.097	0.149
ZEMİN KAT	0.019	-0.078	0.151	-0.198

X Yapı Kat Maksimum İvmeleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1.368	-0.479	0.144	-0.032
2. KAT	0.84	0.415	-0.382	0.127
1. KAT	0.401	0.634	0.2	-0.232
ZEMİN KAT	0.114	0.274	0.312	0.309

X Yapı Kat Modal Kütleleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	18.587	-6.507	1.961	-0.43
2. KAT	11.409	5.643	-5.193	1.719
1. KAT	5.006	0.205	2.027	2.404

DİNAMİK HESAP

X Yapı Kat Elastik Deprem Yükleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	134.18	-43.179	9.498	-4.637
2. KAT	100.635	32.384	-7.124	3.478
1. KAT	72.459	23.317	5.129	-2.504
ZEMİN KAT	36.23	11.659	2.565	1.252

X Yapı Kat Tasarım Deprem Yükleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	19.196	-7.059	3.028	-1.914
2. KAT	14.397	5.294	-2.271	1.436
1. KAT	10.366	3.812	1.635	-1.034
ZEMİN KAT	5.183	1.906	0.818	0.517

X Yapı Kat Maksimum Yükleri

KAT	EŞDEĞER	DİNAMİK
3. KAT	30.252	20.732
2. KAT	21.024	15.575
1. KAT	15.138	11.223
ZEMİN KAT	7.569	5.618
TOPLAM	73.98	53.15

Spektrum Katsayısı(Spektrum Eğrisi)

$$S(T_r) = 1 + 1,5 T_r / 0,15 \quad (0 \leq T_r \leq 0,15)$$
$$S(T_r) = 2,5 \quad (0,15 < T_r \leq 0,6)$$
$$S(T_r) = 2,5 (0,6 / T_r)^{0,8} \quad (T_r > 0,6)$$

İlgili modun T_r değeri yerine koyularak $S(T_r)$ hesaplanır.

Y

	1. MOD	2. MOD	3. MOD	4. MOD
Serbest Titreşim Frekansı (w):	40.52	199.01	437.857	615.916
Doğal Titreşim Periyodu (Tr) :	0.155064	0.031572	0.01435	0.010201
Spektrum Katsayısı S(Tr) :	2.5	1.316	1.143	1.102
Spektral İvme Katsayısı A(Tr) :	1	0.526	0.457	0.441
Deprem Yüğü Azaltma Katsayısı Ra(Tr) :	6.99	2.656	2.025	1.873
İvme Spektrum Ordinatı Spa(Tr) :	1.403	1.944	2.216	2.308
Etkin modal kütle :	40.124	12.705	3.115	0.691
C Katsayısı :	4.654	7.453	11.524	23.698
Katkı çarpanı :	6.334	-3.564	1.765	-0.832

Y Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü

Bina Toplam Kütle :	56.53	
Bina Toplam Kütle x 90% :	50.88	
Bina Toplam Kütle x 5% :	2.83	
Toplam Etkin Modal Kütle (X) :	56.64	Hesaba katılan titreşim modu sayısı yeterlidir.

Y Karakteristik Mod Vektörleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1	1	1	1
2. KAT	0.668	-0.575	-1.94	-3.223
1. KAT	0.354	-1.352	0.105	4.063
ZEMİN KAT	0.111	-0.852	2.151	-3.348

Y Normalleştirilmiş Yapı Serbest Titreşim Modları

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	0.215	0.134	0.087	0.042
2. KAT	0.143	-0.077	-0.168	-0.136
1. KAT	0.076	-0.181	0.009	0.171
ZEMİN KAT	0.024	-0.114	0.187	-0.141

Y Yapı Kat Maksimum İvmeleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1.361	-0.478	0.153	-0.035
2. KAT	0.909	0.275	-0.297	0.113
1. KAT	0.481	0.646	0.016	-0.143
ZEMİN KAT	0.151	0.407	0.329	0.117

Y Yapı Kat Modal Kütleleri

DİNAMİK HESAP

Y Yapı Kat Modal Kütleleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
2. KAT	12.346	3.739	-4.037	1.537
1. KAT	7.066	9.488	0.235	-2.093
ZEMİN KAT	2.218	5.977	4.836	1.724

Y Yapı Kat Elastik Deprem Yükleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	153.756	-25.622	5.46	-1.168
2. KAT	115.317	19.216	-4.095	0.876
1. KAT	83.03	13.836	2.948	-0.631
ZEMİN KAT	41.515	6.918	1.474	0.315

Y Yapı Kat Tasarım Deprem Yükleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	21.997	-9.648	2.696	-0.623
2. KAT	16.497	7.236	-2.022	0.468
1. KAT	11.878	5.21	1.456	-0.337
ZEMİN KAT	5.939	2.605	0.728	0.168

Y Yapı Kat Maksimum Yükleri

KAT	EŞDEĞER	DİNAMİK
3. KAT	32.442	24.133
2. KAT	22.546	18.138
1. KAT	16.234	13.078
ZEMİN KAT	8.117	6.543
TOPLAM	79.34	61.89

KATLARA ETKİYEN YATAY YÜKLER

Yüklem 1 (X YÖNÜ + 0.05) E1 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	0	0.88	20.73	0	18.19
2. KAT	0	0.88	15.58	0	13.67
1. KAT	0	0.87	11.22	0	9.77
ZEMİN KAT	0	0.87	5.62	0	4.87

Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	0	-0.88	20.73	0	-18.19
2. KAT	0	-0.88	15.58	0	-13.67
1. KAT	0	-0.87	11.22	0	-9.77
ZEMİN KAT	0	-0.87	5.62	0	-4.87

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	0.47	0	0	24.13	11.24
2. KAT	0.47	0	0	18.14	8.45
1. KAT	0.46	0	0	13.08	6.07
ZEMİN KAT	0.46	0	0	6.54	3.03

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	-0.47	0	0	24.13	-11.24
2. KAT	-0.47	0	0	18.14	-8.45
1. KAT	-0.46	0	0	13.08	-6.07
ZEMİN KAT	-0.46	0	0	6.54	-3.03

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 1 (X YÖNÜ + 0.05) E1 Deprem Deplasmanlar U ve Dönmeler R																
Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	18.37473	-0.05863	0	0.01043	2.65714	-0.01523
2	3	7.85	9	8.1	7	8	9	10	11	12	11.38797	-0.02916	0	0.00944	2.44502	-0.00757
3	4	7.85	5	10.8	13	14	15	16	17	18	18.31381	-0.05862	0	0.01043	2.64582	-0.01523
4	3	7.85	5	8.1	19	20	21	22	23	24	11.35767	-0.02916	0	0.00944	2.43363	-0.00757
5	4	0.15	9	10.8	25	26	27	28	29	30	18.37473	0.05864	0	-0.01043	2.65714	-0.01523
6	3	0.15	9	8.1	31	32	33	34	35	36	11.38797	0.02916	0	-0.00944	2.44502	-0.00757
7	4	0.15	5	10.8	37	38	39	40	41	42	18.31381	0.05864	0	-0.01043	2.64582	-0.01523
8	3	0.15	5	8.1	43	44	45	46	47	48	11.35767	0.02916	0	-0.00944	2.43363	-0.00757
9	4	7.6	7	10.8	49	50	51	52	53	54	18.34427	-0.05482	-0.17284	0.00048	2.63283	-0.01523
10	3	7.6	7	8.1	55	56	57	58	59	60	11.37282	-0.02726	-0.17283	0.00134	2.4579	-0.00757
11	4	7.6	10.85	10.8	61	62	63	64	65	66	18.4029	-0.05482	-0.17208	0.00266	2.64232	-0.01523
12	3	7.6	10.85	8.1	67	68	69	70	71	72	11.40198	-0.02726	-0.17219	0.00427	2.46879	-0.00757
13	4	7.6	3.15	10.8	73	74	75	76	77	78	18.28564	-0.05482	-0.17353	0.00264	2.62346	-0.01523
14	3	7.6	3.15	8.1	79	80	81	82	83	84	11.34366	-0.02726	-0.17339	0.00434	2.4476	-0.00757
15	4	0.4	7	10.8	85	86	87	88	89	90	18.34427	0.05483	0.17285	-0.00049	2.63282	-0.01523
16	3	0.4	7	8.1	91	92	93	94	95	96	11.37282	0.02727	0.17283	-0.00136	2.4579	-0.00757
17	4	0.4	10.85	10.8	97	98	99	100	101	102	18.4029	0.05483	0.17208	-0.00266	2.64232	-0.01523
18	3	0.4	10.85	8.1	103	104	105	106	107	108	11.40198	0.02727	0.17219	-0.00427	2.46879	-0.00757
19	4	0.4	3.15	10.8	109	110	111	112	113	114	18.28564	0.05483	0.17353	-0.00258	2.62339	-0.01523
20	3	0.4	3.15	8.1	115	116	117	118	119	120	11.34366	0.02727	0.17339	-0.00425	2.44763	-0.00757
21	4	4	7	10.8	121	122	123	124	125	126	18.34427	0.00001	0	0	2.64308	-0.01523
22	3	4	7	8.1	127	128	129	130	131	132	11.37282	0	0	0	2.44561	-0.00757
23	4	4	3.4	10.8	133	134	135	136	137	138	18.28945	0.00001	-0.00002	-0.00002	2.62871	-0.01523
24	3	4	3.4	8.1	139	140	141	142	143	144	11.34555	0	-0.00001	-0.00002	2.45488	-0.00757
25	4	4	10.6	10.8	145	146	147	148	149	150	18.3991	0.00001	0	0	2.64732	-0.01523
26	3	4	10.6	8.1	151	152	153	154	155	156	11.40009	0	0	0	2.47623	-0.00757
27	4	4	13.6	10.8	157	158	159	160	161	162	18.4448	0.00001	0	0	2.65183	-0.01523
28	3	4	13.6	8.1	163	164	165	166	167	168	11.42282	0	0	0	2.48813	-0.00757
29	4	4	0.4	10.8	169	170	171	172	173	174	18.24377	0.00001	-0.00002	-0.00011	2.62008	-0.01523
30	3	4	0.4	8.1	175	176	177	178	179	180	11.32284	0	-0.00001	-0.00005	2.45151	-0.00757
31	4	0.15	13.6	10.8	181	182	183	184	185	186	18.44479	0.05864	0.08645	-0.0104	2.65117	-0.01523
32	3	0.15	13.6	8.1	187	188	189	190	191	192	11.42281	0.02916	0.08643	-0.01101	2.4877	-0.00757
33	4	0.15	0.4	10.8	193	194	195	196	197	198	18.24376	0.05864	0.0866	-0.01038	2.61922	-0.01523
34	3	0.15	0.4	8.1	199	200	201	202	203	204	11.32283	0.02916	0.08659	-0.011	2.45075	-0.00757
35	4	7.85	0.4	10.8	205	206	207	208	209	210	18.24376	-0.05862	-0.08658	0.01049	2.61893	-0.01523
36	3	7.85	0.4	8.1	211	212	213	214	215	216	11.32283	-0.02916	-0.08657	0.01105	2.45104	-0.00757
37	4	7.85	13.6	10.8	217	218	219	220	221	222	18.44479	-0.05863	-0.08645	0.0104	2.65117	-0.01523
38	3	7.85	13.6	8.1	223	224	225	226	227	228	11.42281	-0.02916	-0.08643	0.01101	2.4877	-0.00757
39	2	7.85	9	5.4	229	230	231	232	233	234	5.51051	-0.00401	0	0.00576	1.84953	-0.00104
40	2	7.85	5	5.4	235	236	237	238	239	240	5.50634	-0.00401	0	0.00576	1.84348	-0.00104
41	2	0.15	9	5.4	241	242	243	244	245	246	5.51051	0.00402	0	-0.00576	1.84953	-0.00104
42	2	0.15	5	5.4	247	248	249	250	251	252	5.50634	0.00402	0	-0.00576	1.84348	-0.00104
43	2	7.6	7	5.4	253	254	255	256	257	258	5.50842	-0.00375	-0.17279	0.00105	1.72723	-0.00104
44	2	7.6	10.85	5.4	259	260	261	262	263	264	5.51244	-0.00375	-0.1725	0.0023	1.73123	-0.00104
45	2	7.6	3.15	5.4	265	266	267	268	269	270	5.50441	-0.00375	-0.17303	0.00225	1.72317	-0.00104
46	2	0.4	7	5.4	271	272	273	274	275	276	5.50842	0.00376	0.17279	-0.00105	1.72723	-0.00104
47	2	0.4	10.85	5.4	277	278	279	280	281	282	5.51244	0.00376	0.1725	-0.00231	1.73123	-0.00104
48	2	0.4	3.15	5.4	283	284	285	286	287	288	5.50441	0.00376	0.17303	-0.00222	1.72315	-0.00104
49	2	4	7	5.4	289	290	291	292	293	294	5.50842	0	0	0	1.8253	-0.00104
50	2	4	3.4	5.4	295	296	297	298	299	300	5.50467	0	-0.00001	-0.00001	1.73389	-0.00104
51	2	4	10.6	5.4	301	302	303	304	305	306	5.51217	0	0	0	1.74145	-0.00104
52	2	4	13.6	5.4	307	308	309	310	311	312	5.5153	0	0	0	1.73639	-0.00104
53	2	4	0.4	5.4	313	314	315	316	317	318	5.50154	0	-0.00001	-0.00001	1.72242	-0.00104
54	2	0.15	13.6	5.4	319	320	321	322	323	324	5.5153	0.00402	0.08641	-0.00424	1.73562	-0.00104
55	2	0.15	0.4	5.4	325	326	327	328	329	330	5.50154	0.00402	0.08656	-0.00424	1.72177	-0.00104
56	2	7.85	0.4	5.4	331	332	333	334	335	336	5.50154	-0.00401	-0.08654	0.00425	1.72163	-0.00104
57	2	7.85	13.6	5.4	337	338	339	340	341	342	5.5153	-0.00401	-0.08641	0.00424	1.73562	-0.00104
58	1	7.85	9	2.7	343	344	345	346	347	348	1.58156	0.00119	0	0.00138	1.06705	0.00031
59	1	7.85	5	2.7	349	350	351	352	353	354	1.5828	0.00119	0	0.00138	1.06737	0.00031
60	1	0.15	9	2.7	355	356	357	358	359	360	1.58156	-0.00119	0	-0.00138	1.06705	0.00031
61	1	0.15	5	2.7	361	362	363	364	365	366	1.5828	-0.00119	0	-0.00138	1.06737	0.00031
62	2	7.5	7	5.4	367	368	369	370	371	372	5.50842	-0.00365	-0.00007	0.00105	1.72717	-0.00104
63	1	7.5	7	2.7	373	374	375	376	377	378	1.58218	0.00108	-0.00004	0.00034	1.07722	0.00031
64	2	7.5	10.8	5.4	379	380	381	382	383	384	5.51238	-0.00365	0.00051	0.00227	1.73116	-0.00104
65	1	7.5	10.8	2.7	385	386	387	388	389	390	1.58101	0.00108	0.00026	0.00026	1.07769	0.00031
66	2	7.5	3.2	5.4	391	392	393	394	395	396	5.50446	-0.00365	-0.00061	0.00228	1.7231	-0.00104
67	1	7.5	3.2	2.7	397	398	399	400	401	402	1.58335	0.00108	-0.00031	0.00026	1.07715	0.00031
68	2	0.5	7	5.4	403	404	405	406	407	408	5.50842	0.00365	0.00007	-0.00105	1.72717	-0.00104
69	1	0.5	7	2.7	409	410	411	412	413	414	1.58218	-0.00108	0.00004	-0.00034	1.07722	0.00031
70	2	0.5	10.8	5.4	415	416	417	418	419	420	5.51238	0.00365	-0.00051	-0.00227	1.73116	-0.00104
71	1	0.5	10.8	2.7	421	422	423	424	425	426	1.58101	-0.00108	-0.00026	-0.00026	1.07769	0.00031
72	2	0.5	3.2	5.4	427	428	429	430	431	432	5.50446	0.00365	0.00061	-0.00225	1.72307	-0.00104
73	1	0.5	3.2	2.7	433	434	435	436	437	438	1.58225	0.00108	0.00024	0.00027	1.07722	0.00031

Proje Yapan : Arif AKIN Proje Kontrol : Prof.Dr.CELAL KOZANOĞLU
 Proje : MAFSALLI YAPI

DÜĞÜM NOKTASI DEPLASMANLARI**Yüklem 1 (X YÖNÜ + 0.05) E1 Deprem Deplasmanlar U ve Dönmeler R**

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
75	2	4	3.5	5.4	445	446	447	448	449	450	5.50477	0	-0.00001	-0.00001	1.73387	-0.00104
76	1	4	3.5	2.7	451	452	453	454	455	456	1.58326	0	0	0	1.09087	0.00031
77	2	4	10.5	5.4	457	458	459	460	461	462	5.51207	0	0	0	1.74143	-0.00104
78	1	4	10.5	2.7	463	464	465	466	467	468	1.5811	0	0	0	1.09109	0.00031
79	2	4	13.5	5.4	469	470	471	472	473	474	5.5152	0	0	0	1.73637	-0.00104
80	1	4	13.5	2.7	475	476	477	478	479	480	1.58018	0	0	0	1.09396	0.00031
81	2	4	0.5	5.4	481	482	483	484	485	486	5.50164	0	-0.00001	-0.00001	1.7224	-0.00104
82	1	4	0.5	2.7	487	488	489	490	491	492	1.58419	0	0	0	1.09364	0.00031
83	2	0.2	13.5	5.4	493	494	495	496	497	498	5.5152	0.00396	0.00005	-0.00424	1.7356	-0.00104
84	1	0.2	13.5	2.7	499	500	501	502	503	504	1.58018	-0.00117	0.00003	-0.00023	1.0932	0.00031
85	2	0.2	0.5	5.4	505	506	507	508	509	510	5.50164	0.00396	0.00005	-0.00424	1.72175	-0.00104
86	1	0.2	0.5	2.7	511	512	513	514	515	516	1.58419	-0.00117	0.00003	-0.00022	1.09279	0.00031
87	2	7.8	0.5	5.4	517	518	519	520	521	522	5.50164	-0.00396	-0.00004	0.00425	1.72161	-0.00104
88	1	7.8	0.5	2.7	523	524	525	526	527	528	1.58419	0.00117	-0.00002	0.00022	1.0931	0.00031
89	2	7.8	13.5	5.4	529	530	531	532	533	534	5.5152	-0.00396	-0.00005	0.00423	1.7356	-0.00104
90	1	7.8	13.5	2.7	535	536	537	538	539	540	1.58018	0.00117	-0.00003	0.00023	1.0932	0.00031
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	18.31379	0.0587	0	-0.01044	2.64582	0.01525
2	3	7.85	9	8.1	7	8	9	10	11	12	11.35766	0.02918	0	-0.00945	2.43362	0.00758
3	4	7.85	5	10.8	13	14	15	16	17	18	18.37479	0.0587	0	-0.01044	2.65715	0.01525
4	3	7.85	5	8.1	19	20	21	22	23	24	11.38799	0.02919	0	-0.00946	2.44504	0.00758
5	4	0.15	9	10.8	25	26	27	28	29	30	18.31379	-0.05873	0	0.01045	2.64582	0.01525
6	3	0.15	9	8.1	31	32	33	34	35	36	11.35766	-0.0292	0	0.00946	2.43362	0.00758
7	4	0.15	5	10.8	37	38	39	40	41	42	18.37479	-0.05873	0	0.01045	2.65715	0.01525
8	3	0.15	5	8.1	43	44	45	46	47	48	11.38799	-0.02921	0	0.00946	2.44504	0.00758
9	4	7.6	7	10.8	49	50	51	52	53	54	18.34429	0.05488	-0.17286	-0.00049	2.63282	0.01525
10	3	7.6	7	8.1	55	56	57	58	59	60	11.37283	0.02729	-0.17284	-0.00135	2.4579	0.00758
11	4	7.6	10.85	10.8	61	62	63	64	65	66	18.28558	0.05488	-0.17353	-0.00258	2.62337	0.01525
12	3	7.6	10.85	8.1	67	68	69	70	71	72	11.34363	0.02729	-0.17339	-0.00426	2.44761	0.00758
13	4	7.6	3.15	10.8	73	74	75	76	77	78	18.403	0.05488	-0.17206	-0.00272	2.64229	0.01525
14	3	7.6	3.15	8.1	79	80	81	82	83	84	11.40202	0.02729	-0.17218	-0.00436	2.4687	0.00758
15	4	0.4	7	10.8	85	86	87	88	89	90	18.34429	-0.05492	0.17286	0.00049	2.63282	0.01525
16	3	0.4	7	8.1	91	92	93	94	95	96	11.37283	-0.02731	0.17283	0.00136	2.45791	0.00758
17	4	0.4	10.85	10.8	97	98	99	100	101	102	18.28558	-0.05492	0.17353	0.00258	2.62337	0.01525
18	3	0.4	10.85	8.1	103	104	105	106	107	108	11.34363	-0.02731	0.17339	0.00426	2.44761	0.00758
19	4	0.4	3.15	10.8	109	110	111	112	113	114	18.403	-0.05492	0.17208	0.00267	2.64234	0.01525
20	3	0.4	3.15	8.1	115	116	117	118	119	120	11.40202	-0.02731	0.17219	0.00428	2.4688	0.00758
21	4	4	7	10.8	121	122	123	124	125	126	18.34429	-0.00002	0	0	2.64304	0.01525
22	3	4	7	8.1	127	128	129	130	131	132	11.37283	-0.00001	0	0	2.4456	0.00758
23	4	4	3.4	10.8	133	134	135	136	137	138	18.39919	-0.00002	-0.00002	0.00003	2.64733	0.01525
24	3	4	3.4	8.1	139	140	141	142	143	144	11.40013	-0.00001	-0.00001	0.00003	2.47594	0.00758
25	4	4	10.6	10.8	145	146	147	148	149	150	18.28939	-0.00002	0	0	2.62829	0.01525
26	3	4	10.6	8.1	151	152	153	154	155	156	11.34553	-0.00001	0	0	2.45481	0.00758
27	4	4	13.6	10.8	157	158	159	160	161	162	18.24365	-0.00002	0	0	2.62035	0.01525
28	3	4	13.6	8.1	163	164	165	166	167	168	11.32279	-0.00001	0	0	2.45144	0.00758
29	4	4	0.4	10.8	169	170	171	172	173	174	18.44495	-0.00002	-0.00002	0.00012	2.65212	0.01525
30	3	4	0.4	8.1	175	176	177	178	179	180	11.42289	-0.00001	-0.00002	0.00005	2.4886	0.00758
31	4	0.15	13.6	10.8	181	182	183	184	185	186	18.24364	-0.05873	0.0866	0.0104	2.6192	0.01525
32	3	0.15	13.6	8.1	187	188	189	190	191	192	11.32278	-0.0292	0.08659	0.01102	2.45072	0.00758
33	4	0.15	0.4	10.8	193	194	195	196	197	198	18.44494	-0.05873	0.08645	0.01042	2.6512	0.01525
34	3	0.15	0.4	8.1	199	200	201	202	203	204	11.42288	-0.02921	0.08643	0.01103	2.48772	0.00758
35	4	7.85	0.4	10.8	205	206	207	208	209	210	18.44494	0.0587	-0.08642	-0.01053	2.65172	0.01525
36	3	7.85	0.4	8.1	211	212	213	214	215	216	11.42288	0.02919	-0.08641	-0.01107	2.48853	0.00758

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
39	2	7.85	9	5.4	229	230	231	232	233	234	5.50634	0.00401	0	-0.00576	1.84348	0.00104
40	2	7.85	5	5.4	235	236	237	238	239	240	5.51051	0.00401	0	-0.00577	1.84954	0.00104
41	2	0.15	9	5.4	241	242	243	244	245	246	5.50634	-0.00402	0	0.00577	1.84348	0.00104
42	2	0.15	5	5.4	247	248	249	250	251	252	5.51051	-0.00402	0	0.00577	1.84954	0.00104
43	2	7.6	7	5.4	253	254	255	256	257	258	5.50842	0.00375	-0.1728	-0.00105	1.72723	0.00104
44	2	7.6	10.85	5.4	259	260	261	262	263	264	5.5044	0.00375	-0.17303	-0.00222	1.72314	0.00104
45	2	7.6	3.15	5.4	265	266	267	268	269	270	5.51244	0.00375	-0.17249	-0.00233	1.73124	0.00104
46	2	0.4	7	5.4	271	272	273	274	275	276	5.50842	-0.00376	0.17279	0.00106	1.72723	0.00104
47	2	0.4	10.85	5.4	277	278	279	280	281	282	5.5044	-0.00376	0.17303	0.00222	1.72314	0.00104
48	2	0.4	3.15	5.4	283	284	285	286	287	288	5.51244	-0.00376	0.1725	0.00231	1.73124	0.00104
49	2	4	7	5.4	289	290	291	292	293	294	5.50842	0	0	0	1.8253	0.00104
50	2	4	3.4	5.4	295	296	297	298	299	300	5.51218	0	-0.00001	0.00001	1.74161	0.00104
51	2	4	10.6	5.4	301	302	303	304	305	306	5.50467	0	0	0	1.73366	0.00104
52	2	4	13.6	5.4	307	308	309	310	311	312	5.50154	0	0	0	1.72262	0.00104
53	2	4	0.4	5.4	313	314	315	316	317	318	5.51531	0	-0.00001	0.00001	1.73626	0.00104
54	2	0.15	13.6	5.4	319	320	321	322	323	324	5.50154	-0.00402	0.08656	0.00425	1.72176	0.00104
55	2	0.15	0.4	5.4	325	326	327	328	329	330	5.51531	-0.00402	0.08641	0.00425	1.73563	0.00104
56	2	7.85	0.4	5.4	331	332	333	334	335	336	5.51531	0.00401	-0.08639	-0.00426	1.73558	0.00104
57	2	7.85	13.6	5.4	337	338	339	340	341	342	5.50154	0.00401	-0.08656	-0.00424	1.72176	0.00104
58	1	7.85	9	2.7	343	344	345	346	347	348	1.5828	-0.00119	0	-0.00138	1.06737	-0.00031
59	1	7.85	5	2.7	349	350	351	352	353	354	1.58156	-0.00119	0	-0.00138	1.06705	-0.00031
60	1	0.15	9	2.7	355	356	357	358	359	360	1.5828	0.00119	0	0.00139	1.06737	-0.00031
61	1	0.15	5	2.7	361	362	363	364	365	366	1.58156	0.00119	0	0.00139	1.06705	-0.00031
62	2	7.5	7	5.4	367	368	369	370	371	372	5.50842	0.00365	-0.00008	-0.00105	1.72717	0.00104
63	1	7.5	7	2.7	373	374	375	376	377	378	1.58218	-0.00108	-0.00004	-0.00034	1.07722	-0.00031
64	2	7.5	10.8	5.4	379	380	381	382	383	384	5.50446	0.00365	-0.00061	-0.00225	1.72307	0.00104
65	1	7.5	10.8	2.7	385	386	387	388	389	390	1.58336	-0.00108	-0.00031	-0.00026	1.0772	-0.00031
66	2	7.5	3.2	5.4	391	392	393	394	395	396	5.51239	0.00365	0.00052	-0.0023	1.73117	0.00104
67	1	7.5	3.2	2.7	397	398	399	400	401	402	1.58101	-0.00108	0.00026	-0.00026	1.07765	-0.00031
68	2	0.5	7	5.4	403	404	405	406	407	408	5.50842	-0.00366	0.00007	0.00105	1.72717	0.00104
69	1	0.5	7	2.7	409	410	411	412	413	414	1.58218	0.00108	0.00004	0.00034	1.07722	-0.00031
70	2	0.5	10.8	5.4	415	416	417	418	419	420	5.50446	-0.00366	0.00061	0.00226	1.72307	0.00104
71	1	0.5	10.8	2.7	421	422	423	424	425	426	1.58336	0.00108	0.00031	0.00027	1.0772	-0.00031
72	2	0.5	3.2	5.4	427	428	429	430	431	432	5.51239	-0.00366	-0.00051	0.00227	1.73116	0.00104
73	1	0.5	3.2	2.7	433	434	435	436	437	438	1.58101	0.00108	-0.00026	0.00026	1.07769	-0.00031
74	1	4	7	2.7	439	440	441	442	443	444	1.58218	0	0	0	1.07238	-0.00031
75	2	4	3.5	5.4	445	446	447	448	449	450	5.51208	0	-0.00001	0.00001	1.74159	0.00104
76	1	4	3.5	2.7	451	452	453	454	455	456	1.5811	0	0	0	1.09103	-0.00031
77	2	4	10.5	5.4	457	458	459	460	461	462	5.50477	0	0	0	1.73364	0.00104
78	1	4	10.5	2.7	463	464	465	466	467	468	1.58326	0	0	0	1.09094	-0.00031
79	2	4	13.5	5.4	469	470	471	472	473	474	5.50164	0	0	0	1.7226	0.00104
80	1	4	13.5	2.7	475	476	477	478	479	480	1.58419	0	0	0	1.09355	-0.00031
81	2	4	0.5	5.4	481	482	483	484	485	486	5.51521	0	-0.00001	0.00001	1.73624	0.00104
82	1	4	0.5	2.7	487	488	489	490	491	492	1.58018	0	0	0	1.09404	-0.00031
83	2	0.2	13.5	5.4	493	494	495	496	497	498	5.50164	-0.00397	0.00005	0.00425	1.72174	0.00104
84	1	0.2	13.5	2.7	499	500	501	502	503	504	1.58419	0.00117	0.00003	0.00022	1.09279	-0.00031
85	2	0.2	0.5	5.4	505	506	507	508	509	510	5.51521	-0.00397	0.00005	0.00424	1.73561	0.00104
86	1	0.2	0.5	2.7	511	512	513	514	515	516	1.58018	0.00117	0.00003	0.00023	1.09321	-0.00031
87	2	7.8	0.5	5.4	517	518	519	520	521	522	5.51521	0.00396	-0.00004	-0.00425	1.73556	0.00104
88	1	7.8	0.5	2.7	523	524	525	526	527	528	1.58018	-0.00117	-0.00002	-0.00022	1.09349	-0.00031
89	2	7.8	13.5	5.4	529	530	531	532	533	534	5.50164	0.00396	-0.00005	-0.00425	1.72174	0.00104
90	1	7.8	13.5	2.7	535	536	537	538	539	540	1.58419	-0.00117	-0.00003	-0.00022	1.09279	-0.00031
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
----	-----	---	---	---	----	----	----	----	----	----	------	------	------	------	------	------

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
3	4	7.85	5	10.8	13	14	15	16	17	18	0.0188	1.20146	0	-0.14577	0.00349	0.0094
4	3	7.85	5	8.1	19	20	21	22	23	24	0.00935	0.80081	0	-0.14051	0.00352	0.00468
5	4	0.15	9	10.8	25	26	27	28	29	30	-0.0188	1.12909	0	-0.13291	-0.00349	0.0094
6	3	0.15	9	8.1	31	32	33	34	35	36	-0.00935	0.76481	0	-0.12885	-0.00352	0.00468
7	4	0.15	5	10.8	37	38	39	40	41	42	0.0188	1.12909	0	-0.13291	0.00349	0.0094
8	3	0.15	5	8.1	43	44	45	46	47	48	0.00935	0.76481	0	-0.12885	0.00352	0.00468
9	4	7.6	7	10.8	49	50	51	52	53	54	0	1.19911	0.00022	-0.02007	-0.00004	0.0094
10	3	7.6	7	8.1	55	56	57	58	59	60	0	0.79964	0.00017	-0.0353	-0.00001	0.00468
11	4	7.6	10.85	10.8	61	62	63	64	65	66	-0.03619	1.19911	-0.0239	-0.05747	-0.00403	0.0094
12	3	7.6	10.85	8.1	67	68	69	70	71	72	-0.018	0.79964	-0.02185	-0.07727	-0.00543	0.00468
13	4	7.6	3.15	10.8	73	74	75	76	77	78	0.03619	1.19911	0.02366	-0.05566	0.00402	0.0094
14	3	7.6	3.15	8.1	79	80	81	82	83	84	0.018	0.79964	0.02166	-0.07618	0.00541	0.00468
15	4	0.4	7	10.8	85	86	87	88	89	90	0	1.13144	-0.00001	-0.01905	0	0.0094
16	3	0.4	7	8.1	91	92	93	94	95	96	0	0.76598	-0.00001	-0.03347	0	0.00468
17	4	0.4	10.85	10.8	97	98	99	100	101	102	-0.03619	1.13144	-0.02298	-0.05433	-0.00765	0.0094
18	3	0.4	10.85	8.1	103	104	105	106	107	108	-0.018	0.76598	-0.0211	-0.072	-0.00762	0.00468
19	4	0.4	3.15	10.8	109	110	111	112	113	114	0.03619	1.13144	0.02299	-0.05442	0.00765	0.0094
20	3	0.4	3.15	8.1	115	116	117	118	119	120	0.018	0.76598	0.0211	-0.07202	0.00762	0.00468
21	4	4	7	10.8	121	122	123	124	125	126	0	1.16528	0	-0.11566	-0.00001	0.0094
22	3	4	7	8.1	127	128	129	130	131	132	0	0.78281	0	-0.13339	0	0.00468
23	4	4	3.4	10.8	133	134	135	136	137	138	0.03384	1.16528	0.01176	-0.13314	0.00574	0.0094
24	3	4	3.4	8.1	139	140	141	142	143	144	0.01683	0.78281	0.01176	-0.13938	0.00649	0.00468
25	4	4	10.6	10.8	145	146	147	148	149	150	-0.03384	1.16528	-0.01175	-0.13226	-0.00587	0.0094
26	3	4	10.6	8.1	151	152	153	154	155	156	-0.01683	0.78281	-0.01175	-0.13915	-0.0066	0.00468
27	4	4	13.6	10.8	157	158	159	160	161	162	-0.06204	1.16528	-0.01191	-0.14178	-0.00971	0.0094
28	3	4	13.6	8.1	163	164	165	166	167	168	-0.03086	0.78281	-0.0119	-0.14132	-0.01131	0.00468
29	4	4	0.4	10.8	169	170	171	172	173	174	0.06203	1.16528	0.0119	-0.14171	0.00987	0.0094
30	3	4	0.4	8.1	175	176	177	178	179	180	0.03086	0.78281	0.0119	-0.14129	0.01144	0.00468
31	4	0.15	13.6	10.8	181	182	183	184	185	186	-0.06203	1.1291	-0.01187	-0.13537	-0.01039	0.0094
32	3	0.15	13.6	8.1	187	188	189	190	191	192	-0.03086	0.76481	-0.01186	-0.13453	-0.01144	0.00467
33	4	0.15	0.4	10.8	193	194	195	196	197	198	0.06203	1.12909	0.01187	-0.13537	0.01039	0.0094
34	3	0.15	0.4	8.1	199	200	201	202	203	204	0.03086	0.76481	0.01186	-0.13452	0.01144	0.00468
35	4	7.85	0.4	10.8	205	206	207	208	209	210	0.06204	1.20146	0.01196	-0.14826	0.00967	0.0094
36	3	7.85	0.4	8.1	211	212	213	214	215	216	0.03086	0.80081	0.01196	-0.14814	0.01154	0.00468
37	4	7.85	13.6	10.8	217	218	219	220	221	222	-0.06204	1.20147	-0.01196	-0.14819	-0.00932	0.0094
38	3	7.85	13.6	8.1	223	224	225	226	227	228	-0.03087	0.80082	-0.01196	-0.14811	-0.01136	0.00468
39	2	7.85	9	5.4	229	230	231	232	233	234	-0.00129	0.42188	0	-0.11968	-0.00187	0.00064
40	2	7.85	5	5.4	235	236	237	238	239	240	0.00129	0.42187	0	-0.11968	0.00187	0.00064
41	2	0.15	9	5.4	241	242	243	244	245	246	-0.00129	0.41691	0	-0.11257	-0.00187	0.00064
42	2	0.15	5	5.4	247	248	249	250	251	252	0.00129	0.41691	0	-0.11257	0.00187	0.00064
43	2	7.6	7	5.4	253	254	255	256	257	258	0	0.42171	0.0001	-0.04385	-0.00002	0.00064
44	2	7.6	10.85	5.4	259	260	261	262	263	264	-0.00248	0.42171	-0.01664	-0.07808	-0.00011	0.00064
45	2	7.6	3.15	5.4	265	266	267	268	269	270	0.00248	0.42171	0.01651	-0.07759	0.00011	0.00064
46	2	0.4	7	5.4	271	272	273	274	275	276	0	0.41707	0	-0.04249	0	0.00064
47	2	0.4	10.85	5.4	277	278	279	280	281	282	-0.00248	0.41707	-0.0163	-0.07528	-0.00488	0.00064
48	2	0.4	3.15	5.4	283	284	285	286	287	288	0.00248	0.41707	0.0163	-0.07529	0.00488	0.00064
49	2	4	7	5.4	289	290	291	292	293	294	0	0.41939	0	-0.11475	0	0.00064
50	2	4	3.4	5.4	295	296	297	298	299	300	0.00232	0.41939	0.01177	-0.1177	0.00238	0.00064
51	2	4	10.6	5.4	301	302	303	304	305	306	-0.00232	0.41939	-0.01175	-0.11758	-0.0024	0.00064
52	2	4	13.6	5.4	307	308	309	310	311	312	-0.00425	0.41939	-0.0119	-0.11891	-0.00425	0.00064
53	2	4	0.4	5.4	313	314	315	316	317	318	0.00425	0.41939	0.0119	-0.1189	0.00427	0.00064
54	2	0.15	13.6	5.4	319	320	321	322	323	324	-0.00425	0.41691	-0.01186	-0.1163	-0.00453	0.00064
55	2	0.15	0.4	5.4	325	326	327	328	329	330	0.00425	0.41691	0.01186	-0.11629	0.00453	0.00064
56	2	7.85	0.4	5.4	331	332	333	334	335	336	0.00425	0.42187	0.01195	-0.12154	0.0041	0.00064
57	2	7.85	13.6	5.4	337	338	339	340	341	342	-0.00425	0.42187	-0.01196	-0.12153	-0.00402	0.00064
58	1	7.85	9	2.7	343	344	345	346	347	348	0.00038	0.13317	0	-0.07265	0.0001	-0.00019
59	1	7.85	5	2.7	349	350	351	352	353	354	-0.00038	0.13316	0	-0.07265	-0.0001	-0.00019
60	1	0.15	9	2.7	355	356	357	358	359	360	0.00038	0.13462	0	-0.07094	0.0001	-0.00019
61	1	0.15	5	2.7	361	362	363	364	365	366	-0.00038	0.13462	0	-0.07094	-0.0001	-0.00019
62	2	7.5	7	5.4	367	368	369	370	371	372	0	0.42165	0.0001	-0.04384	-0.00002	0.00064
63	1	7.5	7	2.7	373	374	375	376	377	378	0	0.13323	0.00005	-0.0404	0	-0.00019
64	2	7.5	10.8	5.4	379	380	381	382	383	384	-0.00245	0.42165	-0.01273	-0.07807	-0.00011	0.00064
65	1	7.5	10.8	2.7	385	386	387	388	389	390	0.00072	0.13323	-0.00732	-0.06068	0.00064	-0.00019
66	2	7.5	3.2	5.4	391	392	393	394	395	396	0.00245	0.42165	0.01263	-0.07758	0.00011	0.00064
67	1	7.5	3.2	2.7	397	398	399	400	401	402	-0.00072	0.13323	0.00727	-0.06049	-0.00064	-0.00019
68	2	0.5	7	5.4	403	404	405	406	407	408	0	0.41714	0	-0.04248	0	0.00064
69	1	0.5	7	2.7	409	410	411	412	413	414	0	0.13456	0	-0.03997	0	-0.00019
70	2	0.5	10.8	5.4	415	416	417	418	419	420	-0.00245	0.41714	-0.01203	-0.07527	-0.00488	0.00064
71	1	0.5	10.8	2.7	421	422	423	424	425	426	0.00072	0.13456	-0.00697	-0.06036	-0.00095	-0.00019
72	2	0.5	3.2	5.4	427	428	429	430	431	432	0.00245	0.41714	0.01204	-0.07528	0.00488	0.00064
73	1	0.5	3.2	2.7	433	434	435	436	437	438	-0.00072	0.13456	0.00697	-0.06036	0.00095	-0.00019
74	1	4	7	2.7	439	440	441	442	443	444	0	0.13389	0	-0.08057	0	-0.00019
75	2	4	3.5	5.4	445	446	447	448	449	450	0.00226	0.41939	0	-0.1177	0.00238	0.00064
76	1	4	3.5	2.7	451	452	453	454	455	456	-0.00066	0.13389	0	-0.08391	0.00005	-0.00019
77	2	4	10.5	5.4	457	458	459	460	461	462	-0.00226	0.41939	0	-0.11757	-0.0024	0.00064

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklemeye 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
80	1	4	13.5	2.7	475	476	477	478	479	480	0.00123	0.13389	0	-0.08431	-0.00013	-0.00019
81	2	4	0.5	5.4	481	482	483	484	485	486	0.00419	0.41939	0.00001	-0.1189	0.00427	0.00064
82	1	4	0.5	2.7	487	488	489	490	491	492	-0.00123	0.13389	0	-0.08431	0.00012	-0.00019
83	2	0.2	13.5	5.4	493	494	495	496	497	498	-0.00419	0.41694	-0.00001	-0.11629	-0.00453	0.00064
84	1	0.2	13.5	2.7	499	500	501	502	503	504	0.00123	0.13461	0	-0.08417	-0.00013	-0.00019
85	2	0.2	0.5	5.4	505	506	507	508	509	510	0.00419	0.41694	0.00001	-0.11629	0.00453	0.00064
86	1	0.2	0.5	2.7	511	512	513	514	515	516	-0.00123	0.13461	0	-0.08417	0.00013	-0.00019
87	2	7.8	0.5	5.4	517	518	519	520	521	522	0.00419	0.42184	0	-0.12153	0.0041	0.00064
88	1	7.8	0.5	2.7	523	524	525	526	527	528	-0.00123	0.13317	0	-0.08445	0.00012	-0.00019
89	2	7.8	13.5	5.4	529	530	531	532	533	534	-0.00419	0.42184	-0.00001	-0.12153	-0.00402	0.00064
90	1	7.8	13.5	2.7	535	536	537	538	539	540	0.00123	0.13317	0	-0.08445	-0.00012	-0.00019
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	0.01886	1.12896	0	-0.13288	0.0035	-0.00944
2	3	7.85	9	8.1	7	8	9	10	11	12	0.00938	0.76475	0	-0.12883	0.00353	-0.00469
3	4	7.85	5	10.8	13	14	15	16	17	18	-0.01888	1.12896	0	-0.13288	-0.00351	-0.00944
4	3	7.85	5	8.1	19	20	21	22	23	24	-0.00939	0.76475	0	-0.12883	-0.00353	-0.00469
5	4	0.15	9	10.8	25	26	27	28	29	30	0.01886	1.20162	0	-0.1458	0.0035	-0.00944
6	3	0.15	9	8.1	31	32	33	34	35	36	0.00938	0.80088	0	-0.14053	0.00353	-0.00469
7	4	0.15	5	10.8	37	38	39	40	41	42	-0.01888	1.20162	0	-0.1458	-0.00351	-0.00944
8	3	0.15	5	8.1	43	44	45	46	47	48	-0.00939	0.80088	0	-0.14053	-0.00353	-0.00469
9	4	7.6	7	10.8	49	50	51	52	53	54	-0.00001	1.13132	0.00023	-0.01947	-0.00004	-0.00944
10	3	7.6	7	8.1	55	56	57	58	59	60	-0.00001	0.76593	0.00018	-0.03364	-0.00001	-0.00469
11	4	7.6	10.85	10.8	61	62	63	64	65	66	0.03632	1.13132	-0.02301	-0.05424	0.00767	-0.00944
12	3	7.6	10.85	8.1	67	68	69	70	71	72	0.01806	0.76593	-0.02112	-0.072	0.00765	-0.00469
13	4	7.6	3.15	10.8	73	74	75	76	77	78	-0.03634	1.13132	0.02275	-0.05234	-0.00762	-0.00944
14	3	7.6	3.15	8.1	79	80	81	82	83	84	-0.01807	0.76593	0.02091	-0.07081	-0.00763	-0.00469
15	4	0.4	7	10.8	85	86	87	88	89	90	-0.00001	1.19926	-0.00001	-0.01966	0	-0.00944
16	3	0.4	7	8.1	91	92	93	94	95	96	-0.00001	0.79971	-0.00001	-0.03515	0	-0.00469
17	4	0.4	10.85	10.8	97	98	99	100	101	102	0.03632	1.19926	-0.02388	-0.05756	0.00406	-0.00944
18	3	0.4	10.85	8.1	103	104	105	106	107	108	0.01806	0.79971	-0.02184	-0.07728	0.00546	-0.00469
19	4	0.4	3.15	10.8	109	110	111	112	113	114	-0.03634	1.19926	0.02388	-0.05766	-0.00406	-0.00944
20	3	0.4	3.15	8.1	115	116	117	118	119	120	-0.01807	0.79971	0.02185	-0.07729	-0.00546	-0.00469
21	4	4	7	10.8	121	122	123	124	125	126	-0.00001	1.16529	0	-0.11566	0.00001	-0.00944
22	3	4	7	8.1	127	128	129	130	131	132	-0.00001	0.78282	0	-0.1334	0	-0.00469
23	4	4	3.4	10.8	133	134	135	136	137	138	-0.03398	1.16529	0.01176	-0.13317	-0.00577	-0.00944
24	3	4	3.4	8.1	139	140	141	142	143	144	-0.0169	0.78282	0.01177	-0.13941	-0.00652	-0.00469
25	4	4	10.6	10.8	145	146	147	148	149	150	0.03396	1.16529	-0.01175	-0.13226	0.0059	-0.00944
26	3	4	10.6	8.1	151	152	153	154	155	156	0.01688	0.78282	-0.01175	-0.13915	0.00663	-0.00469
27	4	4	13.6	10.8	157	158	159	160	161	162	0.06227	1.16529	-0.01191	-0.14178	0.00975	-0.00944
28	3	4	13.6	8.1	163	164	165	166	167	168	0.03096	0.78282	-0.0119	-0.14132	0.01136	-0.00469
29	4	4	0.4	10.8	169	170	171	172	173	174	-0.06229	1.16529	0.0119	-0.14185	-0.00992	-0.00944
30	3	4	0.4	8.1	175	176	177	178	179	180	-0.03097	0.78282	0.0119	-0.14135	-0.01148	-0.00469
31	4	0.15	13.6	10.8	181	182	183	184	185	186	0.06227	1.20163	-0.01196	-0.14822	0.00936	-0.00944
32	3	0.15	13.6	8.1	187	188	189	190	191	192	0.03096	0.80089	-0.01196	-0.14814	0.01141	-0.00469
33	4	0.15	0.4	10.8	193	194	195	196	197	198	-0.06229	1.20162	0.01196	-0.14822	-0.00937	-0.00944
34	3	0.15	0.4	8.1	199	200	201	202	203	204	-0.03097	0.80088	0.01196	-0.14814	-0.01141	-0.00469
35	4	7.85	0.4	10.8	205	206	207	208	209	210	-0.06229	1.12896	0.01186	-0.13527	-0.01059	-0.00944
36	3	7.85	0.4	8.1	211	212	213	214	215	216	-0.03097	0.76476	0.01186	-0.13447	-0.01163	-0.00469
37	4	7.85	13.6	10.8	217	218	219	220	221	222	0.06226	1.12897	-0.01187	-0.13534	0.01044	-0.00943
38	3	7.85	13.6	8.1	223	224	225	226	227	228	0.03096	0.76476	-0.01186	-0.1345	-0.01148	-0.00469
39	2	7.85	9	5.4	229	230	231	232	233	234	0.00129	0.41691	0	-0.11256	0.00187	-0.00065
40	2	7.85	5	5.4	235	236	237	238	239	240	-0.00129	0.41691	0	-0.11256	-0.00187	-0.00065
41	2	0.15	9	5.4	241	242	243	244	245	246	0.00129	0.42188	0	-0.11969	0.00187	-0.00065

Proje Yapan : Arif AKIN Proje Kontrol : Prof.Dr.CELAL KOZANOĞLU
 Proje : MAFSALLI YAPI

Sayfa 75

DÜĞÜM NOKTASI DEPLASMANLARI**Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem Deplasmanlar U ve Dönmeler R**

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.00248	0.41707	-0.01631	-0.07528	0.00489	-0.00065
45	2	7.6	3.15	5.4	265	266	267	268	269	270	-0.00249	0.41707	0.01618	-0.07476	-0.00488	-0.00065
46	2	0.4	7	5.4	271	272	273	274	275	276	0	0.42172	0	-0.0438	0	-0.00065
47	2	0.4	10.85	5.4	277	278	279	280	281	282	0.00248	0.42172	-0.01663	-0.07808	0.00012	-0.00065
48	2	0.4	3.15	5.4	283	284	285	286	287	288	-0.00249	0.42172	0.01663	-0.07809	-0.00012	-0.00065
49	2	4	7	5.4	289	290	291	292	293	294	0	0.4194	0	-0.11475	0	-0.00065
50	2	4	3.4	5.4	295	296	297	298	299	300	-0.00233	0.4194	0.01177	-0.11771	-0.00239	-0.00065
51	2	4	10.6	5.4	301	302	303	304	305	306	0.00232	0.4194	-0.01175	-0.11758	0.00241	-0.00065
52	2	4	13.6	5.4	307	308	309	310	311	312	0.00426	0.4194	-0.0119	-0.11891	0.00426	-0.00065
53	2	4	0.4	5.4	313	314	315	316	317	318	-0.00427	0.4194	0.0119	-0.11892	-0.00429	-0.00065
54	2	0.15	13.6	5.4	319	320	321	322	323	324	0.00426	0.42188	-0.01196	-0.12154	0.00404	-0.00065
55	2	0.15	0.4	5.4	325	326	327	328	329	330	-0.00426	0.42188	0.01196	-0.12154	-0.00404	-0.00065
56	2	7.85	0.4	5.4	331	332	333	334	335	336	-0.00426	0.41691	0.01186	-0.11628	-0.00452	-0.00065
57	2	7.85	13.6	5.4	337	338	339	340	341	342	0.00426	0.41691	-0.01186	-0.11629	0.00454	-0.00065
58	1	7.85	9	2.7	343	344	345	346	347	348	-0.00038	0.13463	0	-0.07093	-0.0001	0.00019
59	1	7.85	5	2.7	349	350	351	352	353	354	0.00038	0.13463	0	-0.07093	0.0001	0.00019
60	1	0.15	9	2.7	355	356	357	358	359	360	-0.00038	0.13316	0	-0.07265	-0.0001	0.00019
61	1	0.15	5	2.7	361	362	363	364	365	366	0.00038	0.13316	0	-0.07265	0.0001	0.00019
62	2	7.5	7	5.4	367	368	369	370	371	372	0	0.41714	0.00011	-0.04254	-0.00002	-0.00065
63	1	7.5	7	2.7	373	374	375	376	377	378	0	0.13456	0.00005	-0.03998	0	0.00019
64	2	7.5	10.8	5.4	379	380	381	382	383	384	0.00245	0.41714	-0.01204	-0.07528	0.00489	-0.00065
65	1	7.5	10.8	2.7	385	386	387	388	389	390	-0.00073	0.13456	-0.00697	-0.06036	0.00094	0.00019
66	2	7.5	3.2	5.4	391	392	393	394	395	396	-0.00246	0.41714	0.01194	-0.07475	-0.00488	-0.00065
67	1	7.5	3.2	2.7	397	398	399	400	401	402	0.00073	0.13456	0.00692	-0.06017	-0.00095	0.00019
68	2	0.5	7	5.4	403	404	405	406	407	408	0	0.42166	0	-0.04379	0	-0.00065
69	1	0.5	7	2.7	409	410	411	412	413	414	0	0.13323	0	-0.04039	0	0.00019
70	2	0.5	10.8	5.4	415	416	417	418	419	420	0.00245	0.42166	-0.01272	-0.07807	0.00012	-0.00065
71	1	0.5	10.8	2.7	421	422	423	424	425	426	-0.00073	0.13323	-0.00732	-0.06068	-0.00064	0.00019
72	2	0.5	3.2	5.4	427	428	429	430	431	432	-0.00246	0.42166	0.01272	-0.07808	-0.00012	-0.00065
73	1	0.5	3.2	2.7	433	434	435	436	437	438	0.00073	0.13323	0.00732	-0.06068	0.00064	0.00019
74	1	4	7	2.7	439	440	441	442	443	444	0	0.13389	0	-0.08057	0	0.00019
75	2	4	3.5	5.4	445	446	447	448	449	450	-0.00226	0.4194	0	-0.11771	-0.00239	-0.00065
76	1	4	3.5	2.7	451	452	453	454	455	456	0.00067	0.13389	0	-0.08391	-0.00005	0.00019
77	2	4	10.5	5.4	457	458	459	460	461	462	0.00226	0.4194	0	-0.11758	0.00241	-0.00065
78	1	4	10.5	2.7	463	464	465	466	467	468	-0.00067	0.13389	0	-0.08387	0.00005	0.00019
79	2	4	13.5	5.4	469	470	471	472	473	474	0.0042	0.4194	-0.00001	-0.11891	0.00426	-0.00065
80	1	4	13.5	2.7	475	476	477	478	479	480	-0.00124	0.13389	0	-0.08431	0.00012	0.00019
81	2	4	0.5	5.4	481	482	483	484	485	486	-0.0042	0.4194	0.00001	-0.11892	-0.00429	-0.00065
82	1	4	0.5	2.7	487	488	489	490	491	492	0.00124	0.13389	0	-0.08431	-0.00012	0.00019
83	2	0.2	13.5	5.4	493	494	495	496	497	498	0.0042	0.42185	-0.00001	-0.12154	0.00404	-0.00065
84	1	0.2	13.5	2.7	499	500	501	502	503	504	-0.00124	0.13317	0	-0.08445	0.00012	0.00019
85	2	0.2	0.5	5.4	505	506	507	508	509	510	-0.0042	0.42185	0.00001	-0.12154	-0.00404	-0.00065
86	1	0.2	0.5	2.7	511	512	513	514	515	516	0.00124	0.13317	0	-0.08445	-0.00012	0.00019
87	2	7.8	0.5	5.4	517	518	519	520	521	522	-0.0042	0.41694	0	-0.11628	-0.00452	-0.00065
88	1	7.8	0.5	2.7	523	524	525	526	527	528	0.00124	0.13462	0	-0.08418	-0.00012	0.00019
89	2	7.8	13.5	5.4	529	530	531	532	533	534	0.0042	0.41694	-0.00001	-0.11628	0.00454	-0.00065
90	1	7.8	13.5	2.7	535	536	537	538	539	540	-0.00124	0.13462	0	-0.08417	0.00013	0.00019
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklem 5 G DÜŞEY Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	-0.00374	-0.00746	-0.07016	0.00098	-0.00121	0.00018
2	3	7.85	9	8.1	7	8	9	10	11	12	-0.00089	-0.00472	-0.06326	0.00092	-0.00073	0.00008
3	4	7.85	5	10.8	13	14	15	16	17	18	-0.00448	-0.00746	-0.07016	0.00098	-0.00138	0.00018
4	3	7.85	5	8.1	19	20	21	22	23	24	-0.00121	-0.00472	-0.06326	0.00092	-0.00087	0.00008
5	4	0.15	9	10.8	25	26	27	28	29	30	-0.00374	-0.00604	-0.07016	0.00071	-0.00121	0.00018

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 5 G DÜŞEY Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
8	3	0.15	5	8.1	43	44	45	46	47	48	-0.00121	-0.00411	-0.06326	0.00069	-0.00087	0.00008
9	4	7.6	7	10.8	49	50	51	52	53	54	-0.00411	-0.00741	-0.11798	0.00268	0.01381	0.00018
10	3	7.6	7	8.1	55	56	57	58	59	60	-0.00105	-0.0047	-0.10259	0.00251	0.0054	0.00008
11	4	7.6	10.85	10.8	61	62	63	64	65	66	-0.0034	-0.00741	-0.14927	0.01373	0.01135	0.00018
12	3	7.6	10.85	8.1	67	68	69	70	71	72	-0.00074	-0.0047	-0.12958	0.00692	0.00467	0.00008
13	4	7.6	3.15	10.8	73	74	75	76	77	78	-0.00481	-0.00741	-0.12139	-0.00577	0.00857	0.00018
14	3	7.6	3.15	8.1	79	80	81	82	83	84	-0.00135	-0.0047	-0.10553	-0.00193	0.00326	0.00008
15	4	0.4	7	10.8	85	86	87	88	89	90	-0.00411	-0.00609	-0.11905	0.00001	-0.01659	0.00018
16	3	0.4	7	8.1	91	92	93	94	95	96	-0.00105	-0.00413	-0.1035	0.0002	-0.00698	0.00008
17	4	0.4	10.85	10.8	97	98	99	100	101	102	-0.0034	-0.00609	-0.14899	0.01424	-0.0137	0.00018
18	3	0.4	10.85	8.1	103	104	105	106	107	108	-0.00074	-0.00413	-0.12935	0.00718	-0.00604	0.00008
19	4	0.4	3.15	10.8	109	110	111	112	113	114	-0.00482	-0.00609	-0.14868	-0.01308	-0.014	0.00018
20	3	0.4	3.15	8.1	115	116	117	118	119	120	-0.00135	-0.00413	-0.12907	-0.00636	-0.00631	0.00008
21	4	4	7	10.8	121	122	123	124	125	126	-0.00411	-0.00675	-0.36866	0.00097	-0.00051	0.00018
22	3	4	7	8.1	127	128	129	130	131	132	-0.00105	-0.00442	-0.33106	0.00089	-0.00086	0.00008
23	4	4	3.4	10.8	133	134	135	136	137	138	-0.00477	-0.00675	-0.25078	-0.00778	0.00545	0.00018
24	3	4	3.4	8.1	139	140	141	142	143	144	-0.00133	-0.00442	-0.21674	0.00104	0.00133	0.00008
25	4	4	10.6	10.8	145	146	147	148	149	150	-0.00345	-0.00675	-0.27247	0.01393	-0.00096	0.00018
26	3	4	10.6	8.1	151	152	153	154	155	156	-0.00076	-0.00442	-0.23541	0.00183	-0.00074	0.00008
27	4	4	13.6	10.8	157	158	159	160	161	162	-0.00289	-0.00675	-0.20061	0.00633	-0.00099	0.00018
28	3	4	13.6	8.1	163	164	165	166	167	168	-0.00052	-0.00442	-0.17375	0.00015	-0.00062	0.00008
29	4	4	0.4	10.8	169	170	171	172	173	174	-0.00532	-0.00675	-0.17007	-0.005	0.00707	0.00018
30	3	4	0.4	8.1	175	176	177	178	179	180	-0.00157	-0.00442	-0.14739	0.00106	0.0016	0.00008
31	4	0.15	13.6	10.8	181	182	183	184	185	186	-0.00289	-0.00604	-0.13573	0.00114	-0.0253	0.00018
32	3	0.15	13.6	8.1	187	188	189	190	191	192	-0.00052	-0.00411	-0.11792	-0.00095	-0.01336	0.00008
33	4	0.15	0.4	10.8	193	194	195	196	197	198	-0.00532	-0.00604	-0.13558	0.0003	-0.02577	0.00018
34	3	0.15	0.4	8.1	199	200	201	202	203	204	-0.00157	-0.00411	-0.11777	0.00235	-0.01381	0.00008
35	4	7.85	0.4	10.8	205	206	207	208	209	210	-0.00532	-0.00746	-0.10499	0.00032	0.01634	0.00018
36	3	7.85	0.4	8.1	211	212	213	214	215	216	-0.00157	-0.00472	-0.09137	0.00214	0.00819	0.00008
37	4	7.85	13.6	10.8	217	218	219	220	221	222	-0.00289	-0.00746	-0.13573	0.00143	0.02317	0.00018
38	3	7.85	13.6	8.1	223	224	225	226	227	228	-0.00052	-0.00472	-0.11792	-0.00069	0.01217	0.00008
39	2	7.85	9	5.4	229	230	231	232	233	234	0.00004	-0.00231	-0.04947	0.00075	-0.00004	0.00001
40	2	7.85	5	5.4	235	236	237	238	239	240	0	-0.00231	-0.04947	0.00075	-0.0001	0.00001
41	2	0.15	9	5.4	241	242	243	244	245	246	0.00004	-0.00225	-0.04947	0.00062	-0.00004	0.00001
42	2	0.15	5	5.4	247	248	249	250	251	252	0	-0.00225	-0.04947	0.00062	-0.0001	0.00001
43	2	7.6	7	5.4	253	254	255	256	257	258	0.00002	-0.00231	-0.07155	0.00103	-0.00088	0.00001
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.00005	-0.00231	-0.09033	0.01814	-0.00388	0.00001
45	2	7.6	3.15	5.4	265	266	267	268	269	270	-0.00001	-0.00231	-0.07391	-0.01159	-0.0036	0.00001
46	2	0.4	7	5.4	271	272	273	274	275	276	0.00002	-0.00225	-0.07212	0.00022	0.00095	0.00001
47	2	0.4	10.85	5.4	277	278	279	280	281	282	0.00005	-0.00225	-0.09019	0.0181	0.00391	0.00001
48	2	0.4	3.15	5.4	283	284	285	286	287	288	-0.00001	-0.00225	-0.08998	-0.01705	0.00379	0.00001
49	2	4	7	5.4	289	290	291	292	293	294	0.00002	-0.00228	-0.25586	0.00072	0.00006	0.00001
50	2	4	3.4	5.4	295	296	297	298	299	300	-0.00001	-0.00228	-0.14866	-0.01346	0.00192	0.00001
51	2	4	10.6	5.4	301	302	303	304	305	306	0.00005	-0.00228	-0.16129	0.01733	0.00005	0.00001
52	2	4	13.6	5.4	307	308	309	310	311	312	0.00007	-0.00228	-0.12001	0.01213	0.00008	0.00001
53	2	4	0.4	5.4	313	314	315	316	317	318	-0.00004	-0.00228	-0.10204	-0.00938	0.00189	0.00001
54	2	0.15	13.6	5.4	319	320	321	322	323	324	0.00007	-0.00225	-0.0823	0.00721	0.01034	0.00001
55	2	0.15	0.4	5.4	325	326	327	328	329	330	-0.00004	-0.00225	-0.08216	-0.00584	0.01018	0.00001
56	2	7.85	0.4	5.4	331	332	333	334	335	336	-0.00004	-0.00231	-0.06414	-0.00441	-0.00803	0.00001
57	2	7.85	13.6	5.4	337	338	339	340	341	342	0.00007	-0.00231	-0.0823	0.00731	-0.01019	0.00001
58	1	7.85	9	2.7	343	344	345	346	347	348	-0.00012	-0.00054	-0.02818	0.00041	0.00002	-0.00001
59	1	7.85	5	2.7	349	350	351	352	353	354	-0.00009	-0.00054	-0.02818	0.00041	0.00003	-0.00001
60	1	0.15	9	2.7	355	356	357	358	359	360	-0.00012	-0.00059	-0.02818	0.00038	0.00002	-0.00001
61	1	0.15	5	2.7	361	362	363	364	365	366	-0.00009	-0.00059	-0.02818	0.00038	0.00003	-0.00001
62	2	7.5	7	5.4	367	368	369	370	371	372	0.00002	-0.00231	-0.07137	0.00103	-0.00088	0.00001
63	1	7.5	7	2.7	373	374	375	376	377	378	-0.0001	-0.00054	-0.04151	0.00076	0.0043	-0.00001
64	2	7.5	10.8	5.4	379	380	381	382	383	384	0.00005	-0.00231	-0.08893	0.01814	-0.00388	0.00001
65	1	7.5	10.8	2.7	385	386	387	388	389	390	-0.00013	-0.00054	-0.05136	0.00293	0.0038	-0.00001
66	2	7.5	3.2	5.4	391	392	393	394	395	396	-0.00001	-0.00231	-0.07288	-0.01159	-0.0036	0.00001
67	1	7.5	3.2	2.7	397	398	399	400	401	402	-0.00007	-0.00054	-0.0422	-0.00069	0.00282	-0.00001
68	2	0.5	7	5.4	403	404	405	406	407	408	0.00002	-0.00225	-0.07193	0.00022	0.00094	0.00001
69	1	0.5	7	2.7	409	410	411	412	413	414	-0.0001	-0.00059	-0.04182	0.00022	-0.0043	-0.00001
70	2	0.5	10.8	5.4	415	416	417	418	419	420	0.00005	-0.00225	-0.08879	0.0181	0.00391	0.00001
71	1	0.5	10.8	2.7	421	422	423	424	425	426	-0.00013	-0.00059	-0.05129	0.00298	-0.00378	-0.00001
72	2	0.5	3.2	5.4	427	428	429	430	431	432	-0.00001	-0.00225	-0.08864	-0.01705	0.00379	0.00001
73	1	0.5	3.2	2.7	433	434	435	436	437	438	-0.00007	-0.00059	-0.05121	-0.00232	-0.00379	-0.00001
74	1	4	7	2.7	439	440	441	442	443	444	-0.0001	-0.00057	-0.14551	0.00046	0.00008	-0.00001
75	2	4	3.5	5.4	445	446	447	448	449	450	-0.00001	-0.00228	-0.14712	-0.01346	0.00192	0.00001
76	1	4	3.5	2.7	451	452	453	454	455	456	-0.00008	-0.00057	-0.08447	0.00085	0.00142	-0.00001
77	2	4	10.5	5.4	457	458	459	460	461	462	0.00005	-0.00228	-0.15935	0.01733	0.00005	0.00001
78	1	4	10.5	2.7	463	464	465	466	467	468	-0.00013	-0.00057	-0.09141	0.00088	0.00001	-0.00001
79	2	4	13.5	5.4	469	470	471	472	473	474	0.00007	-0.00228	-0.11864	0.01213	0.00008	0.00001
80	1	4	13.5	2.7	475	476	477	478	479	480	-0.00015	-0.00057	-0.06835	0.00028	0	-0.00001
81	2	4	0.5	5.4	481	482	483	484	485	486	-0.00003	-0.00228	-0.10097	-0.00938	0.00189	0.00001
82	1	4	0.5	2.7	487	488	489	490	491	492	-0.00006	-0.00057	-0.05824	0.00026	0.00142	-0.00001

DÜĞÜM NOKTASI DEPLASMANLARI**Yüklemeye 5 G DÜŞEY Deplasmanlar U ve Dönmeler R**

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
85	2	0.2	0.5	5.4	505	506	507	508	509	510	-0.00003	-0.00225	-0.08096	-0.00584	0.01018	0.00001
86	1	0.2	0.5	2.7	511	512	513	514	515	516	-0.00006	-0.00059	-0.04685	0.00145	-0.00817	-0.00001
87	2	7.8	0.5	5.4	517	518	519	520	521	522	-0.00003	-0.00231	-0.06322	-0.00441	-0.00803	0.00001
88	1	7.8	0.5	2.7	523	524	525	526	527	528	-0.00006	-0.00054	-0.0367	0.00109	0.00636	-0.00001
89	2	7.8	13.5	5.4	529	530	531	532	533	534	0.00007	-0.00231	-0.08096	0.00731	-0.01019	0.00001
90	1	7.8	13.5	2.7	535	536	537	538	539	540	-0.00015	-0.00054	-0.04685	-0.00056	0.00818	-0.00001
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklemeye 6 Q DÜŞEY Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	-0.00166	-0.00331	-0.00525	0.00044	-0.00054	0.00008
2	3	7.85	9	8.1	7	8	9	10	11	12	-0.00039	-0.0021	-0.00473	0.00041	-0.00033	0.00004
3	4	7.85	5	10.8	13	14	15	16	17	18	-0.00199	-0.00331	-0.00525	0.00044	-0.00061	0.00008
4	3	7.85	5	8.1	19	20	21	22	23	24	-0.00054	-0.0021	-0.00473	0.00041	-0.00039	0.00004
5	4	0.15	9	10.8	25	26	27	28	29	30	-0.00166	-0.00268	-0.00525	0.00031	-0.00054	0.00008
6	3	0.15	9	8.1	31	32	33	34	35	36	-0.00039	-0.00182	-0.00473	0.00031	-0.00033	0.00004
7	4	0.15	5	10.8	37	38	39	40	41	42	-0.00199	-0.00268	-0.00525	0.00031	-0.00061	0.00008
8	3	0.15	5	8.1	43	44	45	46	47	48	-0.00054	-0.00182	-0.00473	0.00031	-0.00039	0.00004
9	4	7.6	7	10.8	49	50	51	52	53	54	-0.00183	-0.00329	-0.01793	0.00119	0.00308	0.00008
10	3	7.6	7	8.1	55	56	57	58	59	60	-0.00046	-0.00209	-0.01548	0.00111	0.00106	0.00004
11	4	7.6	10.85	10.8	61	62	63	64	65	66	-0.00151	-0.00329	-0.02209	0.00165	0.00274	0.00008
12	3	7.6	10.85	8.1	67	68	69	70	71	72	-0.00033	-0.00209	-0.01907	0.00083	0.00094	0.00004
13	4	7.6	3.15	10.8	73	74	75	76	77	78	-0.00214	-0.00329	-0.0097	0.0019	0.00155	0.00008
14	3	7.6	3.15	8.1	79	80	81	82	83	84	-0.0006	-0.00209	-0.00838	0.00142	0.00033	0.00004
15	4	0.4	7	10.8	85	86	87	88	89	90	-0.00183	-0.0027	-0.01841	0.00001	-0.00431	0.00008
16	3	0.4	7	8.1	91	92	93	94	95	96	-0.00046	-0.00183	-0.01588	0.00009	-0.00177	0.00004
17	4	0.4	10.85	10.8	97	98	99	100	101	102	-0.00151	-0.0027	-0.02197	0.00187	-0.00378	0.00008
18	3	0.4	10.85	8.1	103	104	105	106	107	108	-0.00033	-0.00183	-0.01896	0.00094	-0.00155	0.00004
19	4	0.4	3.15	10.8	109	110	111	112	113	114	-0.00215	-0.0027	-0.02183	-0.00136	-0.00392	0.00008
20	3	0.4	3.15	8.1	115	116	117	118	119	120	-0.0006	-0.00183	-0.01884	-0.00058	-0.00167	0.00004
21	4	4	7	10.8	121	122	123	124	125	126	-0.00183	-0.003	-0.07073	0.00043	-0.00023	0.00008
22	3	4	7	8.1	127	128	129	130	131	132	-0.00046	-0.00196	-0.06347	0.0004	-0.00038	0.00004
23	4	4	3.4	10.8	133	134	135	136	137	138	-0.00212	-0.003	-0.04117	0.00054	0.00242	0.00008
24	3	4	3.4	8.1	139	140	141	142	143	144	-0.00059	-0.00196	-0.03544	0.00089	0.00059	0.00004
25	4	4	10.6	10.8	145	146	147	148	149	150	-0.00153	-0.003	-0.05081	0.00218	-0.00043	0.00008
26	3	4	10.6	8.1	151	152	153	154	155	156	-0.00034	-0.00196	-0.04374	0.00037	-0.00033	0.00004
27	4	4	13.6	10.8	157	158	159	160	161	162	-0.00128	-0.003	-0.02706	0.00007	-0.00044	0.00008
28	3	4	13.6	8.1	163	164	165	166	167	168	-0.00023	-0.00196	-0.02333	-0.00005	-0.00028	0.00004
29	4	4	0.4	10.8	169	170	171	172	173	174	-0.00237	-0.003	-0.01348	0.00055	0.00314	0.00008
30	3	4	0.4	8.1	175	176	177	178	179	180	-0.0007	-0.00196	-0.01162	0.00058	0.00071	0.00004
31	4	0.15	13.6	10.8	181	182	183	184	185	186	-0.00128	-0.00268	-0.01363	0.00015	-0.00419	0.00008
32	3	0.15	13.6	8.1	187	188	189	190	191	192	-0.00023	-0.00182	-0.01177	0.00009	-0.0019	0.00004
33	4	0.15	0.4	10.8	193	194	195	196	197	198	-0.00237	-0.00268	-0.01357	0.00048	-0.00044	0.00008
34	3	0.15	0.4	8.1	199	200	201	202	203	204	-0.0007	-0.00182	-0.01171	0.00053	-0.0021	0.00004
35	4	7.85	0.4	10.8	205	206	207	208	209	210	-0.00237	-0.00331	0.00003	0.00046	-0.00013	0.00008
36	3	7.85	0.4	8.1	211	212	213	214	215	216	-0.0007	-0.0021	0.00003	0.00044	-0.00047	0.00004
37	4	7.85	13.6	10.8	217	218	219	220	221	222	-0.00128	-0.00331	-0.01363	0.00029	0.00324	0.00008
38	3	7.85	13.6	8.1	223	224	225	226	227	228	-0.00023	-0.0021	-0.01177	0.00021	0.00137	0.00004
39	2	7.85	9	5.4	229	230	231	232	233	234	0.00002	-0.00103	-0.0037	0.00033	-0.00002	0
40	2	7.85	5	5.4	235	236	237	238	239	240	0	-0.00103	-0.0037	0.00033	-0.00005	0
41	2	0.15	9	5.4	241	242	243	244	245	246	0.00002	-0.001	-0.0037	0.00028	-0.00002	0
42	2	0.15	5	5.4	247	248	249	250	251	252	0	-0.001	-0.0037	0.00028	-0.00005	0
43	2	7.6	7	5.4	253	254	255	256	257	258	0.00001	-0.00103	-0.01056	0.00046	0.00015	0
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.00002	-0.00103	-0.01303	0.00281	-0.0002	0
45	2	7.6	3.15	5.4	265	266	267	268	269	270	-0.00001	-0.00103	-0.00573	0.00011	-0.00008	0
46	2	0.4	7	5.4	271	272	273	274	275	276	0.00001	-0.001	-0.01081	0.0001	-0.00012	0

KAT DEPLASMANLARI

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Kat	dx	dy	q
3. KAT	0.018344	0	-0.000015
2. KAT	0.011373	0	-0.000008
1. KAT	0.005508	0	-0.000001
ZEMİN KAT	0.001582	0	0

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem

Kat	dx	dy	q
3. KAT	0.018344	0	0.000015
2. KAT	0.011373	0	0.000008
1. KAT	0.005508	0	0.000001
ZEMİN KAT	0.001582	0	0

Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem

Kat	dx	dy	q
3. KAT	0	0.001165	0.000009
2. KAT	0	0.000783	0.000005
1. KAT	0	0.000419	0.000001
ZEMİN KAT	0	0.000134	0

Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem

Kat	dx	dy	q
3. KAT	0	0.001165	-0.000009
2. KAT	0	0.000783	-0.000005
1. KAT	0	0.000419	-0.000001
ZEMİN KAT	0	0.000134	0

ELEMEN UÇ KUVVETLERİ

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K02		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K03		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K04		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K08		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K09		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K10		0	0	0	0	0.01	0.02	0	0	0	0	0.01	-0.02
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
K13		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
K14		0	0	0	0	0	0.06	0	0	0	0	0	-0.06
K15		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K18		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
P01		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
P02		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
P03		-1.2	-1.85	0	5	-3.24	0	1.2	1.85	0	0	0	0
P04		-1.2	-1.85	0	5	-3.24	0	1.2	1.85	0	0	0	0
S01		0.01	-0.36	0	0.92	0.01	-0.04	-0.01	0.36	0	0.05	0.03	0.04
S02		0	-0.35	0	0.91	0	-0.04	0	0.35	0	0.04	0	0.04
S03		-0.01	-0.36	0	0.92	-0.01	-0.04	0.01	0.36	0	0.05	-0.03	0.04
S04		-2.5	-0.08	0.04	0.1	-6.66	-0.04	2.5	0.08	-0.04	0.11	-0.1	0.04
S05		0	-0.35	0	0.92	0	-0.04	0	0.35	0	0.01	0	0.04
S06		-2.5	0.08	-0.04	-0.1	-6.66	-0.04	2.5	-0.08	0.04	-0.11	-0.1	0.04
S07		-2.46	-0.11	-0.01	0.14	-6.62	-0.04	2.46	0.11	0.01	0.15	-0.01	0.04
S08		0	-1.17	0	3.1	0	-0.04	0	1.17	0	0.06	0	0.04
S09		-2.45	0.11	0.01	-0.14	-6.62	-0.04	2.45	-0.11	-0.01	-0.15	-0.01	0.04
S10		-2.38	-0.08	-0.05	0.1	-6.54	-0.04	2.38	0.08	0.05	0.11	0.1	0.04
S11		0	-0.34	0	0.92	0	-0.04	0	0.34	0	0	0	0.04
S12		-2.38	0.08	0.05	-0.1	-6.54	-0.04	2.38	-0.08	-0.05	-0.11	0.1	0.04
S13		0.01	-0.32	0	0.88	0.01	-0.04	-0.01	0.32	0	-0.01	0.03	0.04
S14		-0.01	-0.31	0	0.87	-0.01	-0.04	0.01	0.31	0	-0.02	-0.01	0.04
S15		-0.01	-0.32	0	0.88	0	-0.04	0.01	0.32	0	-0.01	-0.02	0.04
K01	2. KAT	0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K02		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K03		0	0	0.01	0	0.01	0.02	0	0	-0.01	0	0.01	-0.02
K04		0	0	0.01	0	0.01	0.02	0	0	-0.01	0	0.01	-0.02
K05		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K06		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K07		0	0	0.01	0	0.01	0.02	0	0	-0.01	0	0.01	-0.02
K08		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K09		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K10		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K11		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K12		0	0	0	0	0	0.09	0	0	0	0	0	-0.09
K13		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K14		0	0	0	0	0	-0.04	0	0	0	0	0	0.04
K15		0	0	0	0	0	0.12	0	0	0	0	0	-0.12
K16		0	0	0	0	0	0.06	0	0	0	0	0	-0.06
K17		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K18		0	0	0	0	0	0.09	0	0	0	0	0	-0.09
P01		2.1	-1.49	0	9.03	8.91	0	-2.1	1.49	0	-5	-3.25	0
P02		2.1	-1.45	0	8.91	8.91	0	-2.1	1.45	0	-5	-3.25	0
P03		-2.1	-1.49	0	9.03	-8.91	0	2.1	1.49	0	-5	3.24	0
P04		-2.1	-1.45	0	8.91	-8.91	0	2.1	1.45	0	-5	3.24	0
S01		0.11	-0.87	-0.01	3.17	0.28	-0.03	-0.11	0.87	0.01	-0.82	0.02	0.03
S02		0	-0.86	0	3.16	0	-0.03	0	0.86	0	-0.83	0	0.03
S03		-0.11	-0.87	0.01	3.17	-0.28	-0.03	0.11	0.87	-0.01	-0.82	-0.02	0.03
S04		-5.45	-0.06	0.11	0.09	-21.28	-0.03	5.45	0.06	-0.11	0.08	6.57	0.03
S05		0	-0.82	0	3.06	0	-0.03	0	0.82	0	-0.85	0	0.03
S06		-5.45	0.06	-0.11	-0.09	-21.28	-0.03	5.45	-0.06	0.11	-0.08	6.57	0.03
S07		-5.32	-0.09	-0.01	0.12	-20.98	-0.03	5.32	0.09	0.01	0.11	6.61	0.03
S08		0	-1.14	0	6.3	0	-0.04	0	1.14	0	-3.23	0	0.04
S09		-5.32	0.09	0.01	-0.12	-20.98	-0.03	5.32	-0.09	-0.01	-0.11	6.61	0.03
S10		-5.18	-0.06	-0.13	0.09	-20.67	-0.03	5.18	0.06	0.13	0.08	6.69	0.03
S11		0	-0.79	0	2.97	0	-0.03	0	0.79	0	-0.85	0	0.03
S12		-5.18	0.06	0.13	-0.09	-20.67	-0.03	5.18	-0.06	-0.13	-0.08	6.69	0.03
S13		0.11	-0.8	-0.01	3.01	0.28	-0.03	-0.11	0.8	0.01	-0.86	0.03	0.03
S14		0	-0.79	0	2.97	0	-0.03	0	0.79	0	-0.85	0	0.03

ELEMEN UÇ KUVVETLERİ

Yüklemeler 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	1. KAT	0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K02		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K03		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K04		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K08		0	0	0	0	0.01	0.01	0	0	0	0	0.01	-0.01
K09		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.05	0	0	0	0	0	-0.05
K14		0	0	0	0	0	0.38	0	0	0	0	0	-0.38
K15		0	0	0	0	0	-0.34	0	0	0	0	0	0.34
K16		0	0	0	0	0	-0.03	0	0	0	0	0	0.03
K17		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K18		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
P01		-1.9	0.15	0	8.62	3.77	0	1.9	-0.15	0	-9.03	-8.91	0
P02		-1.9	0.11	0	8.61	3.77	0	1.9	-0.11	0	-8.91	-8.91	0
P03		1.9	0.15	0	8.62	-3.77	0	-1.9	-0.15	0	-9.03	8.91	0
P04		1.9	0.11	0	8.61	-3.77	0	-1.9	-0.11	0	-8.91	8.91	0
S01		-0.05	-1.41	-0.01	6.96	0.13	-0.02	0.05	1.41	0.01	-3.14	-0.27	0.02
S02		0	-1.39	0	6.93	0	-0.02	0	1.39	0	-3.18	0	0.02
S03		0.05	-1.41	0.01	6.96	-0.13	-0.02	-0.05	1.41	-0.01	-3.14	0.27	0.02
S04		-8.09	-0.02	0.15	0.04	-43.05	-0.02	8.09	0.02	-0.15	0.01	21.21	0.02
S05		0	-1.3	0	6.88	0	-0.02	0	1.3	0	-3.36	0	0.02
S06		-8.09	0.02	-0.15	-0.04	-43.05	-0.02	8.09	-0.02	0.15	-0.01	21.21	0.02
S07		-8.14	-0.03	-0.02	0.05	-42.94	-0.02	8.14	0.03	0.02	0.04	20.97	0.02
S08		0	-0.17	0	6.01	0	-0.01	0	0.17	0	-5.56	0	0.01
S09		-8.14	0.03	0.02	-0.05	-42.94	-0.02	8.14	-0.03	-0.02	-0.04	20.97	0.02
S10		-8.16	-0.02	-0.18	0.04	-42.78	-0.02	8.16	0.02	0.18	0.01	20.73	0.02
S11		0	-1.32	0	6.84	0	-0.02	0	1.32	0	-3.28	0	0.02
S12		-8.17	0.02	0.17	-0.04	-42.78	-0.02	8.17	-0.02	-0.17	-0.01	20.73	0.02
S13		-0.05	-1.44	-0.01	6.88	0.13	-0.02	0.05	1.44	0.01	-3.01	-0.27	0.02
S14		0	-1.41	0	6.85	0	-0.02	0	1.41	0	-3.04	0	0.02
S15		0.05	-1.43	0.01	6.88	-0.13	-0.02	-0.05	1.43	-0.01	-3.01	0.27	0.02
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	0	0	0	0	0	0	0
K04		0	0	0	0	0	0	0	0	0	0	0	0
K05		0	0	0	0	0	0	0	0	0	0	0	0
K06		0	0	0	0	0	0	0	0	0	0	0	0
K07		0	0	0	0	0	0	0	0	0	0	0	0
K08		0	0	0	0	0	0	0	0	0	0	0	0
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K12		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K13		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K14		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K15		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K18		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
P01		-1.31	-2.53	0	15.46	0.24	0	1.31	2.53	0	-8.62	-3.77	0
P02		-1.31	-2.54	0	15.48	0.24	0	1.31	2.54	0	-8.61	-3.77	0
P03		1.31	-2.53	0	15.46	-0.24	0	-1.31	2.53	0	-8.62	3.77	0
P04		1.31	-2.54	0	15.48	-0.24	0	-1.31	2.54	0	-8.61	3.77	0
S01		-0.09	-1.27	-0.02	10.32	-0.1	0	0.09	1.27	0.02	-6.88	-0.13	0
S02		0	-1.26	0	10.3	0	0	0	1.26	0	-6.91	0	0
S03		0.09	-1.27	0.02	10.32	0.1	0	-0.09	1.27	-0.02	-6.88	0.13	0
S04		-7.32	0.02	0.15	-0.02	-62.86	0	7.32	-0.02	-0.15	-0.03	43.11	0
S05		0	-1.32	0	10.36	0	0	0	1.32	0	-6.81	0	0
S06		-7.32	-0.02	-0.15	0.02	-62.86	0	7.32	0.02	0.15	0.03	43.11	0
S07		-7.42	0.02	-0.02	-0.02	-62.98	0	7.42	-0.02	0.02	-0.03	42.94	0
S08		0	-1.55	0	10.33	0	0	0	1.55	0	-6.15	0	0
S09		-7.42	-0.02	0.02	0.02	-62.98	0	7.42	0.02	-0.02	0.03	42.94	0
S10		-7.49	0.02	-0.18	-0.02	-63.08	0	7.49	-0.02	0.18	-0.03	42.85	0
S11		0	-1.35	0	10.4	0	0	0	1.35	0	-6.76	0	0
S12		-7.5	-0.02	0.18	0.02	-63.08	0	7.5	0.02	-0.18	0.03	42.84	0
S13		-0.09	-1.33	-0.02	10.39	-0.1	0	0.09	1.33	0.02	-6.81	-0.13	0
S14		0	-1.31	0	10.38	0	0	0	1.31	0	-6.83	0	0
S15		0.09	-1.32	0.01	10.38	0.1	0	-0.09	1.32	-0.01	-6.81	0.13	0

ELEMAN UÇ KUVVETLERİ

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K02		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K03		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K04		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K08		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K09		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K10		0	0	0	0	0.01	-0.02	0	0	0	0	0.01	0.02
K11		0	0	0	0	0	-0.04	0	0	0	0	0	0.04
K12		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K13		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K14		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K15		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K16		0	0	0	0	0	-0.04	0	0	0	0	0	0.04
K17		0	0	0	0	0	-0.03	0	0	0	0	0	0.03
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		-1.21	-1.85	0	5	-3.25	0	1.21	1.85	0	0	0	0
P02		-1.21	-1.85	0	5	-3.25	0	1.21	1.85	0	0	0	0
P03		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
P04		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
S01		-0.02	-0.32	0	0.88	-0.01	0.04	0.02	0.32	0	-0.01	-0.03	-0.04
S02		0	-0.31	0	0.87	0	0.04	0	0.31	0	-0.03	0	-0.04
S03		0.02	-0.32	0	0.88	0.01	0.04	-0.02	0.32	0	-0.01	0.03	-0.04
S04		-2.38	0.08	-0.05	-0.1	-6.54	0.04	2.38	-0.08	0.05	-0.11	0.1	-0.04
S05		0	-0.34	0	0.93	0	0.04	0	0.34	0	0	0	-0.04
S06		-2.38	-0.08	0.05	0.1	-6.54	0.04	2.38	0.08	-0.05	0.11	0.1	-0.04
S07		-2.46	0.11	-0.01	-0.14	-6.62	0.04	2.46	-0.11	0.01	-0.15	-0.01	-0.04
S08		0	-1.17	0	3.1	0	0.04	0	1.17	0	0.06	0	-0.04
S09		-2.46	-0.11	0.01	0.14	-6.62	0.04	2.46	0.11	-0.01	0.15	-0.01	-0.04
S10		-2.5	0.08	0.04	-0.1	-6.66	0.04	2.5	-0.08	-0.04	-0.11	-0.1	-0.04
S11		0	-0.35	0	0.93	0	0.04	0	0.35	0	0.02	0	-0.04
S12		-2.51	-0.08	-0.04	0.1	-6.66	0.04	2.51	0.08	0.04	0.11	-0.11	-0.04
S13		-0.01	-0.36	0	0.92	-0.01	0.04	0.01	0.36	0	0.05	-0.03	-0.04
S14		0.01	-0.35	0	0.9	0.01	0.04	-0.01	0.35	0	0.03	0.01	-0.04
S15		0.01	-0.35	0	0.9	0	0.04	-0.01	0.35	0	0.04	0.02	-0.04
K01	2. KAT	0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K02		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K03		0	0	0.01	0	0.01	-0.02	0	0	-0.01	0	0.01	0.02
K04		0	0	0.01	0	0.01	-0.02	0	0	-0.01	0	0.01	0.02
K05		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K06		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K07		0	0	0.01	0	0.01	-0.02	0	0	-0.01	0	0.01	0.02
K08		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K09		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K10		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K11		0	0	0	0	0	-0.09	0	0	0	0	0	0.09
K12		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K13		0	0	0	0	0	-0.05	0	0	0	0	0	0.05
K14		0	0	0	0	0	-0.12	0	0	0	0	0	0.12
K15		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
K16		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K17		0	0	0	0	0	-0.07	0	0	0	0	0	0.07
K18		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
P01		-2.1	-1.45	0	8.91	-8.92	0	2.1	1.45	0	-5	3.25	0
P02		-2.1	-1.49	0	9.03	-8.92	0	2.1	1.49	0	-5	3.25	0
P03		2.1	-1.45	0	8.91	8.92	0	-2.1	1.45	0	-5	-3.25	0
P04		2.1	-1.49	0	9.03	8.92	0	-2.1	1.49	0	-5	-3.25	0
S01		-0.11	-0.8	-0.01	3.01	-0.28	0.03	0.11	0.8	0.01	-0.86	-0.03	-0.03
S02		0	-0.79	0	3	0	0.03	0	0.79	0	-0.87	0	-0.03
S03		0.11	-0.8	0.01	3.01	0.28	0.03	-0.11	0.8	-0.01	-0.86	0.03	-0.03
S04		-5.18	0.06	-0.13	-0.09	-20.67	0.03	5.18	-0.06	0.13	-0.08	6.69	-0.03
S05		0	-0.79	0	2.98	0	0.03	0	0.79	0	-0.85	0	-0.03
S06		-5.18	-0.06	0.13	0.09	-20.67	0.03	5.18	0.06	-0.13	0.08	6.69	-0.03
S07		-5.32	0.09	-0.01	-0.12	-20.98	0.03	5.32	-0.09	0.01	-0.11	6.61	-0.03
S08		0	-1.14	0	6.3	0	0.04	0	1.14	0	-3.23	0	-0.04
S09		-5.32	-0.09	0.02	0.12	-20.98	0.03	5.32	0.09	-0.02	0.11	6.61	-0.03
S10		-5.45	0.06	0.11	-0.09	-21.28	0.03	5.45	-0.06	-0.11	-0.08	6.57	-0.03
S11		0	-0.82	0	3.06	0	0.03	0	0.82	0	-0.84	0	-0.03
S12		-5.45	-0.06	-0.11	0.09	-21.28	0.03	5.45	0.06	0.11	0.08	6.57	-0.03
S13		-0.11	-0.87	-0.01	3.17	-0.28	0.03	0.11	0.87	0.01	-0.82	-0.02	-0.03
S14		0	-0.86	0	3.16	0	0.03	0	0.86	0	-0.84	0	-0.03
S15		0.11	-0.87	0.01	3.17	0.28	0.03	-0.11	0.87	-0.01	-0.82	0.02	-0.03

ELEMEN UÇ KUVVETLERİ

Yüklemeye 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K02		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K03		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K04		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K08		0	0	0	0	0.01	-0.01	0	0	0	0	0.01	0.01
K09		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K12		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K13		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K14		0	0	0	0	0	0.34	0	0	0	0	0	-0.34
K15		0	0	0	0	0	-0.38	0	0	0	0	0	0.38
K16		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K17		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K18		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
P01		1.91	0.11	0	8.61	-3.78	0	-1.91	-0.11	0	-8.91	8.92	0
P02		1.91	0.15	0	8.62	-3.78	0	-1.91	-0.15	0	-9.03	8.92	0
P03		-1.91	0.11	0	8.61	3.78	0	1.91	-0.11	0	-8.91	-8.92	0
P04		-1.91	0.15	0	8.62	3.78	0	1.91	-0.15	0	-9.03	-8.92	0
S01		0.05	-1.44	-0.01	6.88	-0.13	0.02	-0.05	1.44	0.01	-3.01	0.27	-0.02
S02		0	-1.41	0	6.85	0	0.02	0	1.41	0	-3.05	0	-0.02
S03		-0.05	-1.44	0.01	6.88	0.13	0.02	0.05	1.44	-0.01	-3.01	-0.27	-0.02
S04		-8.16	0.02	-0.18	-0.04	-42.78	0.02	8.16	-0.02	0.18	-0.01	20.73	-0.02
S05		0	-1.32	0	6.84	0	0.02	0	1.32	0	-3.27	0	-0.02
S06		-8.16	-0.02	0.18	0.04	-42.78	0.02	8.16	0.02	-0.18	0.01	20.73	-0.02
S07		-8.14	0.03	-0.02	-0.05	-42.94	0.02	8.14	-0.03	0.02	-0.04	20.97	-0.02
S08		0	-0.17	0	6.01	0	0.01	0	0.17	0	-5.56	0	-0.01
S09		-8.14	-0.03	0.02	0.05	-42.94	0.02	8.14	0.03	-0.02	0.04	20.97	-0.02
S10		-8.09	0.02	0.15	-0.04	-43.05	0.02	8.09	-0.02	-0.15	-0.01	21.21	-0.02
S11		0	-1.3	0	6.88	0	0.02	0	1.3	0	-3.36	0	-0.02
S12		-8.09	-0.02	-0.15	0.04	-43.05	0.02	8.09	0.02	0.15	0	21.21	-0.02
S13		0.05	-1.41	-0.01	6.96	-0.13	0.02	-0.05	1.41	0.01	-3.14	0.27	-0.02
S14		0	-1.39	0	6.93	0	0.02	0	1.39	0	-3.18	0	-0.02
S15		-0.05	-1.41	0.01	6.96	0.13	0.02	0.05	1.41	-0.01	-3.15	-0.27	-0.02
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	0	0	0	0	0	0	0
K04		0	0	0	0	0	0	0	0	0	0	0	0
K05		0	0	0	0	0	0	0	0	0	0	0	0
K06		0	0	0	0	0	0	0	0	0	0	0	0
K07		0	0	0	0	0	0	0	0	0	0	0	0
K08		0	0	0	0	0	0	0	0	0	0	0	0
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K12		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K13		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K14		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K15		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K16		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K17		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K18		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
P01		1.31	-2.54	0	15.48	-0.24	0	-1.31	2.54	0	-8.61	3.78	0
P02		1.31	-2.53	0	15.46	-0.24	0	-1.31	2.53	0	-8.62	3.78	0
P03		-1.31	-2.54	0	15.48	0.24	0	1.31	2.54	0	-8.61	-3.78	0
P04		-1.31	-2.53	0	15.46	0.24	0	1.31	2.53	0	-8.62	-3.78	0
S01		0.09	-1.33	-0.02	10.39	0.1	0	-0.09	1.33	0.02	-6.81	0.13	0
S02		0	-1.31	0	10.38	0	0	0	1.31	0	-6.83	0	0
S03		-0.09	-1.33	0.02	10.39	-0.1	0	0.09	1.33	-0.02	-6.81	-0.13	0
S04		-7.49	-0.02	-0.18	0.02	-63.08	0	7.49	0.02	0.18	0.03	42.85	0
S05		0	-1.35	0	10.4	0	0	0	1.35	0	-6.77	0	0
S06		-7.49	0.02	0.18	-0.02	-63.08	0	7.49	-0.02	-0.18	-0.03	42.85	0
S07		-7.42	-0.02	-0.02	0.02	-62.98	0	7.42	0.02	0.02	0.03	42.94	0
S08		0	-1.55	0	10.33	0	0	0	1.55	0	-6.15	0	0
S09		-7.42	0.02	0.02	-0.02	-62.98	0	7.42	-0.02	-0.02	-0.03	42.94	0
S10		-7.32	-0.02	0.15	0.02	-62.86	0	7.32	0.02	-0.15	0.03	43.11	0
S11		0	-1.32	0	10.36	0	0	0	1.32	0	-6.8	0	0
S12		-7.32	0.02	-0.15	-0.02	-62.87	0	7.32	-0.02	0.15	-0.03	43.1	0
S13		0.09	-1.27	-0.02	10.32	0.1	0	-0.09	1.27	0.02	-6.88	0.13	0
S14		0	-1.26	0	10.3	0	0	0	1.26	0	-6.91	0	0
S15		-0.09	-1.27	0.01	10.31	-0.1	0	0.09	1.27	-0.01	-6.89	-0.13	0

Yüklemeye 3 (Y YÖNÜ + 0.05) E3 Deprem

ELEMAN UÇ KUVVETLERİ

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K02		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K03		0	0	0	0	0	-0.31	0	0	0	0	0	0.31
K04		0	0	0	0	0	0.3	0	0	0	0	0	-0.3
K05		0	0	0	0	0	-0.4	0	0	0	0	0	0.4
K06		0	0	0	0	0	0.39	0	0	0	0	0	-0.39
K07		0	0	0	0	0	-0.32	0	0	0	0	0	0.32
K08		0	0	0	0	0	0.24	0	0	0	0	0	-0.24
K09		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K12		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K13		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K14		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K15		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K16		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K17		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		4.56	0	0	0	12.32	0	-4.56	0	0	0	0	0
P02		4.56	0	0	0	12.32	0	-4.56	0	0	0	0	0
P03		5.93	0	0	0	16.01	0	-5.93	0	0	0	0	0
P04		5.93	0	0	0	16.01	0	-5.93	0	0	0	0	0
S01		0	0.01	0	-0.01	0.01	0.02	0	-0.01	0	-0.01	-0.02	-0.02
S02		0.01	0.01	0	-0.01	0.02	0.02	-0.01	-0.01	0	-0.02	0	-0.02
S03		0.01	0.01	0	-0.01	0.02	0.02	-0.01	-0.01	0	-0.02	0.02	-0.02
S04		-0.06	-0.76	0.61	0.98	-0.07	0.02	0.06	0.76	-0.61	1.07	-0.08	-0.02
S05		0.37	0	0	0	0.38	0.02	-0.37	0	0	0	0.62	-0.02
S06		0.12	-0.85	0.67	1.09	0.14	0.02	-0.12	0.85	-0.67	1.19	0.19	-0.02
S07		0	-1.14	0	1.51	0	0.02	0	1.14	0	1.58	0	-0.02
S08		0.49	0	0	0	0.54	0.02	-0.49	0	0	0	0.79	-0.02
S09		0	-1.26	-0.01	1.67	0	0.02	0	1.26	0.01	1.74	0	-0.02
S10		0.06	-0.76	-0.62	0.98	0.07	0.02	-0.06	0.76	0.62	1.06	0.08	-0.02
S11		0.33	0	0	0	0.34	0.02	-0.33	0	0	0	0.56	-0.02
S12		-0.12	-0.86	-0.65	1.11	-0.14	0.02	0.12	0.86	0.65	1.21	-0.19	-0.02
S13		0	-0.01	0	0.01	0.01	0.02	0	0.01	0	0.01	-0.02	-0.02
S14		0.01	-0.01	0	0.01	0.02	0.02	-0.01	0.01	0	0.02	0.01	-0.02
S15		0.01	-0.01	0	0.01	0.02	0.02	-0.01	0.01	0	0.02	0.01	-0.02
K01	2. KAT	0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K02		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K03		0	0	0	0	0	-0.27	0	0	0	0	0	0.27
K04		0	0	0	0	0	0.25	0	0	0	0	0	-0.25
K05		0	0	0	0	0	-0.41	0	0	0	0	0	0.41
K06		0	0	0	0	0	0.4	0	0	0	0	0	-0.4
K07		0	0	0	0	0	-0.27	0	0	0	0	0	0.27
K08		0	0	0	0	0	0.2	0	0	0	0	0	-0.2
K09		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K12		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K13		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K14		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K15		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K16		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K17		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		9.2	0.01	0	-0.04	37.15	0	-9.2	-0.01	0	0	-12.32	0
P02		9.2	-0.01	0	0.04	37.15	0	-9.2	0.01	0	0	-12.32	0
P03		11.58	0.01	0	-0.04	47.28	0	-11.58	-0.01	0	0	-16.01	0
P04		11.58	-0.01	0	0.04	47.28	0	-11.58	0.01	0	0	-16.01	0
S01		0.21	0.02	0	-0.04	0.6	0.02	-0.21	-0.02	0	-0.01	-0.03	-0.02
S02		0.28	0.02	0	-0.05	0.76	0.02	-0.28	-0.02	0	-0.01	-0.02	-0.02
S03		0.34	0.02	0	-0.05	0.92	0.02	-0.34	-0.02	0	-0.01	0	-0.02
S04		-0.03	-0.58	1.56	0.78	0.01	0.02	0.03	0.58	-1.56	0.8	-0.09	-0.02
S05		0.38	0.01	0	-0.02	0.89	0.02	-0.38	-0.01	0	0	0.14	-0.02
S06		0.18	-0.65	1.7	0.88	0.34	0.02	-0.18	0.65	-1.7	0.88	0.16	-0.02
S07		0	-0.96	0	1.27	0	0.02	0	0.96	0	1.31	0	-0.02
S08		0.3	0	0	0	0.54	0.02	-0.3	0	0	0	0.27	-0.02
S09		0	-1.05	-0.02	1.4	0	0.02	0	1.05	0.02	1.44	0	-0.02
S10		0.03	-0.58	-1.57	0.78	-0.01	0.02	-0.03	0.58	1.57	0.8	0.09	-0.02
S11		0.37	-0.01	0	0.02	0.88	0.02	-0.37	0.01	0	0	0.13	-0.02
S12		-0.18	-0.66	-1.68	0.89	-0.34	0.02	0.18	0.66	1.68	0.9	-0.16	-0.02
S13		0.21	-0.02	0	0.04	0.6	0.02	-0.21	0.02	0	0.01	-0.03	-0.02
S14		0.28	-0.02	0	0.05	0.76	0.02	-0.28	0.02	0	0.01	-0.01	-0.02
S15		0.34	-0.02	0	0.05	0.92	0.02	-0.34	0.02	0	0.01	0	-0.02
K01	1. KAT	0	0	0	0	0	-0.01	0	0	0	0	0	0.01

ELEMAN UÇ KUVVETLERİ**Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K04		0	0	0	0	0	0.17	0	0	0	0	0	-0.17
K05		0	0	0	0	0	-0.31	0	0	0	0	0	0.31
K06		0	0	0	0	0	0.3	0	0	0	0	0	-0.3
K07		0	0	0	0	0	-0.18	0	0	0	0	0	0.18
K08		0	0	0	0	0	0.13	0	0	0	0	0	-0.13
K09		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	0	0	0	0	0	0	0
K12		0	0	0	0	0	0	0	0	0	0	0	0
K13		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K14		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K15		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K16		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K17		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		13.64	-0.01	0	0	73.98	0	-13.64	0.01	0	0.04	-37.15	0
P02		13.64	0.01	0	0	73.98	0	-13.64	-0.01	0	-0.04	-37.15	0
P03		11.47	-0.01	0	0	78.26	0	-11.47	0.01	0	0.04	-47.28	0
P04		11.47	0.01	0	0	78.26	0	-11.47	-0.01	0	-0.04	-47.28	0
S01		0.63	-0.01	0	-0.02	2.3	0.01	-0.63	0.01	0	0.05	-0.61	-0.01
S02		0.6	-0.01	0	-0.02	2.37	0.01	-0.6	0.01	0	0.04	-0.76	-0.01
S03		0.57	0	0	-0.03	2.44	0.01	-0.57	0	0	0.03	-0.91	-0.01
S04		-0.25	-1.12	2.75	1.61	-0.16	0.01	0.25	1.12	-2.75	1.4	-0.52	-0.01
S05		0.72	0	0	-0.01	2.5	0.01	-0.72	0	0	0.02	-0.55	-0.01
S06		0.21	-1.13	2.94	1.66	0.31	0.01	-0.21	1.13	-2.94	1.4	0.25	-0.01
S07		0	-1.92	0	2.61	0	0.01	0	1.92	0	2.58	0	-0.01
S08		0.23	0	0	0	0.55	0	-0.23	0	0	0	0.07	0
S09		0	-1.96	-0.03	2.67	0	0.01	0	1.96	0.03	2.62	0	-0.01
S10		0.25	-1.12	-2.75	1.61	0.16	0.01	-0.25	1.12	2.75	1.4	0.52	-0.01
S11		0.71	0	0	0.01	2.49	0.01	-0.71	0	0	-0.02	-0.57	-0.01
S12		-0.21	-1.14	-2.91	1.67	-0.31	0.01	0.21	1.14	2.91	1.42	-0.25	-0.01
S13		0.63	0.01	0	0.02	2.3	0.01	-0.63	-0.01	0	-0.05	-0.61	-0.01
S14		0.6	0.01	0	0.02	2.37	0.01	-0.6	-0.01	0	-0.04	-0.76	-0.01
S15		0.57	0	0	0.02	2.44	0.01	-0.57	0	0	-0.03	-0.92	-0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K04		0	0	0	0	0	0.1	0	0	0	0	0	-0.1
K05		0	0	0	0	0	-0.17	0	0	0	0	0	0.17
K06		0	0	0	0	0	0.17	0	0	0	0	0	-0.17
K07		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K08		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	0	0	0	0	0	0	0
K12		0	0	0	0	0	0	0	0	0	0	0	0
K13		0	0	0	0	0	0	0	0	0	0	0	0
K14		0	0	0	0	0	0	0	0	0	0	0	0
K15		0	0	0	0	0	0	0	0	0	0	0	0
K16		0	0	0	0	0	0	0	0	0	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	0	0	0	0	0	0	0	0	0	0
P01		15.34	0	0	0.01	115.38	0	-15.34	0	0	0	-73.98	0
P02		15.33	0	0	-0.01	115.38	0	-15.33	0	0	0	-73.98	0
P03		13.85	0	0	0.01	115.66	0	-13.85	0	0	0	-78.26	0
P04		13.85	0	0	-0.01	115.65	0	-13.85	0	0	0	-78.26	0
S01		1.12	-0.02	0	0.02	5.32	0	-1.12	0.02	0	0.02	-2.3	0
S02		1.07	-0.02	0	0.02	5.26	0	-1.07	0.02	0	0.02	-2.37	0
S03		1.02	-0.02	0	0.02	5.21	0	-1.02	0.02	0	0.02	-2.44	0
S04		-0.11	-0.6	3.79	1.24	-0.1	0	0.11	0.6	-3.79	0.37	-0.19	0
S05		1.1	-0.01	0	0.01	5.29	0	-1.1	0.01	0	0.01	-2.31	0
S06		0.01	-0.58	3.98	1.22	-0.02	0	-0.01	0.58	-3.98	0.34	0.04	0
S07		0	-0.9	0	1.51	0	0	0	0.9	0	0.93	0	0
S08		0.27	0	0	0	0.93	0	-0.27	0	0	0	-0.21	0
S09		0	-0.88	-0.03	1.48	0	0	0	0.88	0.03	0.9	0	0
S10		0.11	-0.6	-3.79	1.24	0.1	0	-0.11	0.6	3.79	0.37	0.19	0
S11		1.1	0.01	0	-0.01	5.29	0	-1.1	-0.01	0	-0.01	-2.31	0
S12		-0.01	-0.58	-3.95	1.22	0.02	0	0.01	0.58	3.95	0.34	-0.04	0
S13		1.12	0.02	0	-0.02	5.32	0	-1.12	-0.02	0	-0.02	-2.3	0
S14		1.07	0.02	0	-0.02	5.26	0	-1.07	-0.02	0	-0.02	-2.37	0
S15		1.02	0.02	0	-0.02	5.21	0	-1.02	-0.02	0	-0.02	-2.44	0

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

ELEMAN UÇ KUVVETLERİ

Yüklemeler 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K03		0	0	0	0	0	-0.3	0	0	0	0	0	0.3
K04		0	0	0	0	0	0.31	0	0	0	0	0	-0.31
K05		0	0	0	0	0	-0.39	0	0	0	0	0	0.39
K06		0	0	0	0	0	0.39	0	0	0	0	0	-0.39
K07		0	0	0	0	0	-0.3	0	0	0	0	0	0.3
K08		0	0	0	0	0	0.25	0	0	0	0	0	-0.25
K09		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K14		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K15		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K18		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
P01		5.93	0	0	0	16.02	0	-5.93	0	0	0	0	0
P02		5.93	0	0	0	16.02	0	-5.93	0	0	0	0	0
P03		4.56	0	0	0	12.31	0	-4.56	0	0	0	0	0
P04		4.56	0	0	0	12.31	0	-4.56	0	0	0	0	0
S01		0.01	-0.01	0	0.01	0.02	-0.02	-0.01	0.01	0	0.02	0.02	0.02
S02		0.01	-0.01	0	0.01	0.02	-0.02	-0.01	0.01	0	0.02	0	0.02
S03		0	-0.01	0	0.01	0.01	-0.02	0	0.01	0	0.01	-0.02	0.02
S04		-0.12	-0.85	0.66	1.09	-0.14	-0.02	0.12	0.85	-0.66	1.19	-0.19	0.02
S05		0.37	0	0	0	0.38	-0.02	-0.37	0	0	0	0.62	0.02
S06		0.06	-0.76	0.62	0.98	0.07	-0.02	-0.06	0.76	-0.62	1.07	0.08	0.02
S07		0	-1.27	0	1.67	0	-0.02	0	1.27	0	1.75	0	0.02
S08		0.49	0	0	0	0.54	-0.02	-0.49	0	0	0	0.79	0.02
S09		0	-1.14	-0.02	1.51	0	-0.02	0	1.14	0.02	1.58	0	0.02
S10		0.12	-0.84	-0.66	1.09	0.14	-0.02	-0.12	0.84	0.66	1.19	0.19	0.02
S11		0.33	0	0	0	0.34	-0.02	-0.33	0	0	0	0.56	0.02
S12		-0.05	-0.77	-0.6	1	-0.07	-0.02	0.05	0.77	0.6	1.09	-0.07	0.02
S13		0.01	0.01	0	-0.01	0.02	-0.02	-0.01	-0.01	0	-0.02	0.02	0.02
S14		0	0.01	0	-0.01	0.01	-0.02	0	-0.01	0	-0.02	0	0.02
S15		0	0.01	0	0	0.02	-0.02	0	-0.01	0	-0.01	-0.01	0.02
K01	2. KAT	0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K02		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K03		0	0	0	0	0	-0.25	0	0	0	0	0	0.25
K04		0	0	0	0	0	0.27	0	0	0	0	0	-0.27
K05		0	0	0	0	0	-0.4	0	0	0	0	0	0.4
K06		0	0	0	0	0	0.41	0	0	0	0	0	-0.41
K07		0	0	0	0	0	-0.25	0	0	0	0	0	0.25
K08		0	0	0	0	0	0.21	0	0	0	0	0	-0.21
K09		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K14		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K15		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K18		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
P01		11.58	-0.01	0	0.04	47.3	0	-11.58	0.01	0	0	-16.02	0
P02		11.59	0.01	0	-0.04	47.3	0	-11.59	-0.01	0	0	-16.02	0
P03		9.19	-0.01	0	0.04	37.13	0	-9.19	0.01	0	0	-12.31	0
P04		9.19	0.01	0	-0.04	37.13	0	-9.19	-0.01	0	0	-12.31	0
S01		0.34	-0.02	0	0.05	0.92	-0.02	-0.34	0.02	0	0.01	0	0.02
S02		0.28	-0.02	0	0.05	0.76	-0.02	-0.28	0.02	0	0.01	-0.02	0.02
S03		0.21	-0.02	0	0.04	0.6	-0.02	-0.21	0.02	0	0.01	-0.03	0.02
S04		-0.18	-0.65	1.7	0.88	-0.34	-0.02	0.18	0.65	-1.7	0.88	-0.16	0.02
S05		0.38	-0.01	0	0.02	0.89	-0.02	-0.38	0.01	0	0	0.14	0.02
S06		0.03	-0.58	1.57	0.78	-0.01	-0.02	-0.03	0.58	-1.57	0.8	0.09	0.02
S07		0	-1.05	0	1.4	0	-0.02	0	1.05	0	1.45	0	0.02
S08		0.3	0	0	0	0.54	-0.02	-0.3	0	0	0	0.27	0.02
S09		0	-0.96	-0.02	1.27	0	-0.02	0	0.96	0.02	1.31	0	0.02
S10		0.18	-0.65	-1.7	0.88	0.34	-0.02	-0.18	0.65	1.7	0.88	0.16	0.02
S11		0.37	0.01	0	-0.02	0.88	-0.02	-0.37	-0.01	0	0	0.13	0.02
S12		-0.03	-0.59	-1.54	0.79	0.01	-0.02	0.03	0.59	1.54	0.81	-0.09	0.02
S13		0.34	0.02	0	-0.05	0.92	-0.02	-0.34	-0.02	0	-0.01	0	0.02
S14		0.28	0.02	0	-0.05	0.76	-0.02	-0.28	-0.02	0	-0.01	-0.02	0.02
S15		0.21	0.02	0	-0.04	0.6	-0.02	-0.21	-0.02	0	-0.01	-0.03	0.02
K01	1. KAT	0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K02		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K03		0	0	0	0	0	-0.17	0	0	0	0	0	0.17

ELEMEN UÇ KUVVETLERİ

Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K06		0	0	0	0	0	0.31	0	0	0	0	0	-0.31
K07		0	0	0	0	0	-0.17	0	0	0	0	0	0.17
K08		0	0	0	0	0	0.14	0	0	0	0	0	-0.14
K09		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K14		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K15		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K16		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	0	0	0	0	0	0	0	0	0	0
P01		11.47	0.01	0	0	78.27	0	-11.47	-0.01	0	-0.04	-47.3	0
P02		11.47	-0.01	0	0	78.27	0	-11.47	0.01	0	0.04	-47.3	0
P03		13.64	0.01	0	0	73.97	0	-13.64	-0.01	0	-0.04	-37.13	0
P04		13.64	-0.01	0	0	73.97	0	-13.64	0.01	0	0.04	-37.13	0
S01		0.57	0	0	0.03	2.44	-0.01	-0.57	0	0	-0.03	-0.91	0.01
S02		0.6	0.01	0	0.02	2.37	-0.01	-0.6	-0.01	0	-0.04	-0.76	0.01
S03		0.63	0.01	0	0.02	2.3	-0.01	-0.63	-0.01	0	-0.05	-0.61	0.01
S04		-0.21	-1.13	2.93	1.66	-0.31	-0.01	0.21	1.13	-2.93	1.41	-0.25	0.01
S05		0.72	0	0	0.01	2.5	-0.01	-0.72	0	0	-0.02	-0.55	0.01
S06		0.25	-1.12	2.75	1.61	0.16	-0.01	-0.25	1.12	-2.75	1.4	0.52	0.01
S07		0	-1.96	0	2.67	0	-0.01	0	1.96	0	2.62	0	0.01
S08		0.23	0	0	0	0.55	0	-0.23	0	0	0	0.07	0
S09		0	-1.92	-0.03	2.61	0	-0.01	0	1.92	0.03	2.57	0	0.01
S10		0.21	-1.13	-2.94	1.66	0.31	-0.01	-0.21	1.13	2.94	1.4	0.25	0.01
S11		0.71	0	0	-0.01	2.49	-0.01	-0.71	0	0	0.02	-0.57	0.01
S12		-0.25	-1.13	-2.73	1.63	-0.16	-0.01	0.25	1.13	2.73	1.41	-0.52	0.01
S13		0.57	0	0	-0.03	2.44	-0.01	-0.57	0	0	0.03	-0.91	0.01
S14		0.6	-0.01	0	-0.02	2.37	-0.01	-0.6	0.01	0	0.04	-0.76	0.01
S15		0.63	-0.01	0	-0.02	2.3	-0.01	-0.63	0.01	0	0.04	-0.61	0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K04		0	0	0	0	0	0.1	0	0	0	0	0	-0.1
K05		0	0	0	0	0	-0.17	0	0	0	0	0	0.17
K06		0	0	0	0	0	0.17	0	0	0	0	0	-0.17
K07		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K08		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	0	0	0	0	0	0	0
K12		0	0	0	0	0	0	0	0	0	0	0	0
K13		0	0	0	0	0	0	0	0	0	0	0	0
K14		0	0	0	0	0	0	0	0	0	0	0	0
K15		0	0	0	0	0	0	0	0	0	0	0	0
K16		0	0	0	0	0	0	0	0	0	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	0	0	0	0	0	0	0	0	0	0
P01		13.85	0	0	-0.01	115.65	0	-13.85	0	0	0	-78.27	0
P02		13.85	0	0	0.01	115.65	0	-13.85	0	0	0	-78.27	0
P03		15.34	0	0	-0.01	115.38	0	-15.34	0	0	0	-73.97	0
P04		15.34	0	0	0.01	115.38	0	-15.34	0	0	0	-73.97	0
S01		1.02	0.02	0	-0.02	5.21	0	-1.02	-0.02	0	-0.02	-2.44	0
S02		1.07	0.02	0	-0.02	5.27	0	-1.07	-0.02	0	-0.02	-2.37	0
S03		1.12	0.02	0	-0.02	5.32	0	-1.12	-0.02	0	-0.02	-2.3	0
S04		-0.01	-0.58	3.98	1.22	0.02	0	0.01	0.58	-3.98	0.34	-0.04	0
S05		1.1	0.01	0	-0.01	5.29	0	-1.1	-0.01	0	-0.01	-2.31	0
S06		0.11	-0.6	3.79	1.24	0.1	0	-0.11	0.6	-3.79	0.37	0.19	0
S07		0	-0.88	0	1.48	0	0	0	0.88	0	0.9	0	0
S08		0.27	0	0	0	0.93	0	-0.27	0	0	0	-0.21	0
S09		0	-0.9	-0.03	1.51	0	0	0	0.9	0.03	0.93	0	0
S10		0.01	-0.58	-3.98	1.22	-0.02	0	-0.01	0.58	3.98	0.34	0.04	0
S11		1.1	-0.01	0	0.01	5.29	0	-1.1	0.01	0	0.01	-2.31	0
S12		-0.11	-0.6	-3.76	1.24	-0.1	0	0.11	0.6	3.76	0.37	-0.19	0
S13		1.02	-0.02	0	0.02	5.21	0	-1.02	0.02	0	0.02	-2.44	0
S14		1.07	-0.02	0	0.02	5.27	0	-1.07	0.02	0	0.02	-2.37	0
S15		1.12	-0.02	0	0.02	5.32	0	-1.12	0.02	0	0.02	-2.3	0

Yüklemeye 5 G DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	-2.04	0	0	-0.01	0	0	-2.04	0	0	0.01
K02		0	0	-2.04	0	0	0.01	0	0	-2.04	0	0	-0.01

ELEMAN UÇ KUVVETLERİ

Yüklemeye 5 G DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K05		0	0	-2.56	0	0	0	0	0	-2.32	0	0	0
K06		0	0	-2.32	0	0	-0.01	0	0	-2.56	0	0	0.01
K07		0	0	-2.57	0	0	-0.02	0	0	-2.31	0	0	0.02
K08		0	0	-1.78	0	0	-0.01	0	0	-1.91	0	0	0.01
K09		0	0	-2.04	0	0	0.01	0	0	-2.04	0	0	-0.01
K10		0	0	-1.38	0	0	-0.01	0	0	-1.38	0	0	0.01
K11		0	0	-1.29	0	0	-0.04	0	0	-1.2	0	0	0.04
K12		0	0	-1.2	0	0	0.04	0	0	-1.29	0	0	-0.04
K13		0	0	-1.29	0	0	0.01	0	0	-1.18	0	0	-0.01
K14		0	0	-2.56	0	0	0.02	0	0	-2.32	0	0	-0.02
K15		0	0	-2.32	0	0	0	0	0	-2.56	0	0	0
K16		0	0	-1.51	0	0	0	0	0	-1.73	0	0	0
K17		0	0	-0.85	0	0	0.02	0	0	-0.85	0	0	-0.02
K18		0	0	-1.2	0	0	-0.04	0	0	-1.29	0	0	0.04
P01		0.02	0	8.64	0.01	0.05	0	-0.02	0	-8.64	0	0	0
P02		0.02	0	8.64	0.01	0.05	0	-0.02	0	-8.64	0	0	0
P03		0.06	0	8.64	0.01	0.15	0	-0.06	0	-8.64	0	0	0
P04		0.06	0	8.64	0.01	0.15	0	-0.06	0	-8.64	0	0	0
S01		0.03	0.17	5.03	-0.2	0.08	0	-0.03	-0.17	-5.03	-0.25	0.01	0
S02		-0.13	0	7.59	0	-0.08	0	0.13	0	-7.59	0	-0.26	0
S03		0.03	-0.17	5.03	0.2	0.08	0	-0.03	0.17	-5.03	0.25	0.01	0
S04		0.48	0.09	5.55	-0.11	0.53	0	-0.48	-0.09	-5.55	-0.14	0.76	0
S05		-0.37	0	10.47	0	-0.32	0	0.37	0	-10.47	0	-0.69	0
S06		-0.48	0.08	5.56	-0.1	-0.55	0	0.48	-0.08	-5.56	-0.13	-0.75	0
S07		0.57	-0.01	4.39	0.01	0.62	0	-0.57	0.01	-4.39	0.01	0.91	0
S08		0	-0.01	11.07	0.01	0	0	0	0.01	-11.07	0.02	0	0
S09		-0.57	0.01	4.35	-0.02	-0.65	0	0.57	-0.01	-4.35	-0.02	-0.9	0
S10		0.47	-0.09	5.54	0.11	0.52	0	-0.47	0.09	-5.54	0.14	0.76	0
S11		0.23	-0.04	9.62	0.05	0.17	0	-0.23	0.04	-9.62	0.07	0.44	0
S12		-0.39	-0.04	4.48	0.05	-0.44	0	0.39	0.04	-4.48	0.07	-0.6	0
S13		-0.03	0.17	5.03	-0.2	-0.08	0	0.03	-0.17	-5.03	-0.25	-0.01	0
S14		0.15	-0.05	6.41	0.06	0.11	0	-0.15	0.05	-6.41	0.08	0.3	0
S15		-0.01	-0.12	3.85	0.15	-0.04	0	0.01	0.12	-3.85	0.19	0.01	0
K01	2. KAT	0	0	-2.04	0	0	0	0	0	-2.04	0	0	0
K02		0	0	-2.04	0	0	0	0	0	-2.04	0	0	0
K03		0	0	-2.57	0	0	0.02	0	0	-2.31	0	0	-0.02
K04		0	0	-2.31	0	0	-0.02	0	0	-2.57	0	0	0.02
K05		0	0	-2.56	0	0	0	0	0	-2.32	0	0	0
K06		0	0	-2.32	0	0	-0.01	0	0	-2.56	0	0	0.01
K07		0	0	-2.57	0	0	-0.03	0	0	-2.31	0	0	0.03
K08		0	0	-1.78	0	0	0.01	0	0	-1.91	0	0	-0.01
K09		0	0	-2.04	0	0	0	0	0	-2.04	0	0	0
K10		0	0	-1.38	0	0	0	0	0	-1.38	0	0	0
K11		0	0	-1.29	0	0	-0.03	0	0	-1.2	0	0	0.03
K12		0	0	-1.2	0	0	0.03	0	0	-1.29	0	0	-0.03
K13		0	0	-1.29	0	0	0	0	0	-1.18	0	0	0
K14		0	0	-2.56	0	0	0.01	0	0	-2.32	0	0	-0.01
K15		0	0	-2.32	0	0	0	0	0	-2.56	0	0	0
K16		0	0	-1.51	0	0	0	0	0	-1.73	0	0	0
K17		0	0	-0.85	0	0	0.01	0	0	-0.85	0	0	-0.01
K18		0	0	-1.2	0	0	-0.03	0	0	-1.29	0	0	0.03
P01		0.03	0	17.29	0	0.14	0	-0.03	0	-17.29	-0.01	-0.05	0
P02		0.03	0	17.29	0	0.14	0	-0.03	0	-17.29	-0.01	-0.05	0
P03		0.05	0	17.29	0	0.3	0	-0.05	0	-17.29	-0.01	-0.15	0
P04		0.05	0	17.29	0	0.3	0	-0.05	0	-17.29	-0.01	-0.15	0
S01		-0.13	0.01	10.06	0.03	-0.3	0	0.13	-0.01	-10.06	-0.07	-0.05	0
S02		-0.29	0	15.18	0	-0.57	0	0.29	0	-15.18	0	-0.21	0
S03		-0.13	-0.01	10.06	-0.03	-0.3	0	0.13	0.01	-10.06	0.06	-0.05	0
S04		0.04	0.11	11.06	-0.17	-0.09	0	-0.04	-0.11	-11.06	-0.12	0.21	0
S05		-0.47	0	20.94	0	-0.87	0	0.47	0	-20.94	0	-0.4	0
S06		-0.04	0.11	11.09	-0.17	0.08	0	0.04	-0.11	-11.09	-0.12	-0.18	0
S07		0.14	0	8.87	0.01	0.07	0	-0.14	0	-8.87	0.01	0.31	0
S08		0	0	22.13	0.01	0	0	0	0	-22.13	-0.01	0	0
S09		-0.14	0.01	8.77	-0.01	-0.1	0	0.14	-0.01	-8.77	-0.01	-0.29	0
S10		0.04	-0.11	11.05	0.17	-0.1	0	-0.04	0.11	-11.05	0.13	0.21	0
S11		0.37	-0.02	19.24	0.03	0.72	0	-0.37	0.02	-19.24	0.02	0.29	0
S12		-0.02	-0.07	8.93	0.11	0.08	0	0.02	0.07	-8.93	0.07	-0.13	0
S13		0.13	0.01	10.06	0.04	0.3	0	-0.13	-0.01	-10.06	-0.07	0.05	0
S14		0.26	-0.02	12.82	0.03	0.51	0	-0.26	0.02	-12.82	0.03	0.2	0
S15		0.11	-0.01	7.7	-0.03	0.25	0	-0.11	0.01	-7.7	0.04	0.05	0
K01	1. KAT	0	0	-1.96	0	0	-0.01	0	0	-1.95	0	0	0.01
K02		0	0	-1.95	0	0	0.01	0	0	-1.96	0	0	-0.01
K03		0	0	-2.41	0	0	0	0	0	-2.1	0	0	0
K04		0	0	-2.1	0	0	0	0	0	-2.41	0	0	0
K05		0	0	-2.37	0	0	0	0	0	-2.14	0	0	0

ELEMAN UÇ KUVVETLERİ**Yüklemeye 5 G DÜŞEY**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K08		0	0	-1.62	0	0	-0.01	0	0	-1.72	0	0	0.01
K09		0	0	-1.96	0	0	0.01	0	0	-1.95	0	0	-0.01
K10		0	0	-1.32	0	0	-0.01	0	0	-1.32	0	0	0.01
K11		0	0	-1.13	0	0	0.02	0	0	-1.08	0	0	-0.02
K12		0	0	-1.08	0	0	-0.02	0	0	-1.13	0	0	0.02
K13		0	0	-1.15	0	0	0	0	0	-1.08	0	0	0
K14		0	0	-2.37	0	0	0.01	0	0	-2.14	0	0	-0.01
K15		0	0	-2.14	0	0	0	0	0	-2.37	0	0	0
K16		0	0	-1.38	0	0	0	0	0	-1.53	0	0	0
K17		0	0	-0.78	0	0	-0.01	0	0	-0.77	0	0	0.01
K18		0	0	-1.08	0	0	0.02	0	0	-1.13	0	0	-0.02
P01		0.1	0	25.57	0	0.41	0	-0.1	0	-25.57	0	-0.14	0
P02		0.1	0	25.57	0	0.41	0	-0.1	0	-25.57	0	-0.14	0
P03		0.07	0	25.57	0	0.49	0	-0.07	0	-25.57	0	-0.3	0
P04		0.07	0	25.57	0	0.49	0	-0.07	0	-25.57	0	-0.3	0
S01		-0.34	-0.03	16.06	-0.08	-0.15	0	0.34	0.03	-16.06	0.15	-0.76	0
S02		-0.7	0	23.69	0	-0.47	0	0.7	0	-23.69	0	-1.4	0
S03		-0.34	0.03	16.06	0.08	-0.15	0	0.34	-0.03	-16.06	-0.15	-0.77	0
S04		0	0.26	17.66	-0.26	0.3	0	0	-0.26	-17.66	-0.45	-0.3	0
S05		-1.06	0	32	0	-0.78	0	1.06	0	-32	0	-2.08	0
S06		0.01	0.26	17.69	-0.25	-0.28	0	-0.01	-0.26	-17.69	-0.45	0.32	0
S07		0.22	-0.01	14.18	0.01	0.5	0	-0.22	0.01	-14.18	0.01	0.09	0
S08		0	0	32.48	0	0	0	0	0	-32.48	0	0	0
S09		-0.21	0.01	14.06	-0.01	-0.48	0	0.21	-0.01	-14.06	-0.01	-0.08	0
S10		0	-0.27	17.63	0.27	0.3	0	0	0.27	-17.63	0.46	-0.29	0
S11		0.87	-0.04	29.51	0.06	0.61	0	-0.87	0.04	-29.51	0.06	1.73	0
S12		0.05	-0.18	14.45	0.17	-0.18	0	-0.05	0.18	-14.45	0.31	0.32	0
S13		0.35	-0.03	16.06	-0.08	0.19	0	-0.35	0.03	-16.06	0.15	0.76	0
S14		0.65	-0.04	20.12	0.06	0.5	0	-0.65	0.04	-20.12	0.06	1.26	0
S15		0.29	0.02	12.49	0.06	0.18	0	-0.29	-0.02	-12.49	-0.12	0.61	0
K01	ZEMİN KAT	0	0	-1.96	0	0	0	0	0	-1.95	0	0	0
K02		0	0	-1.95	0	0	0	0	0	-1.96	0	0	0
K03		0	0	-2.41	0	0	0.01	0	0	-2.1	0	0	-0.01
K04		0	0	-2.1	0	0	-0.01	0	0	-2.41	0	0	0.01
K05		0	0	-2.37	0	0	0	0	0	-2.14	0	0	0
K06		0	0	-2.14	0	0	0	0	0	-2.37	0	0	0
K07		0	0	-2.41	0	0	-0.01	0	0	-2.1	0	0	0.01
K08		0	0	-1.62	0	0	0	0	0	-1.72	0	0	0
K09		0	0	-1.96	0	0	0	0	0	-1.95	0	0	0
K10		0	0	-1.32	0	0	0	0	0	-1.32	0	0	0
K11		0	0	-1.13	0	0	-0.02	0	0	-1.08	0	0	0.02
K12		0	0	-1.08	0	0	0.02	0	0	-1.13	0	0	-0.02
K13		0	0	-1.15	0	0	0	0	0	-1.08	0	0	0
K14		0	0	-2.37	0	0	0	0	0	-2.14	0	0	0
K15		0	0	-2.14	0	0	0	0	0	-2.37	0	0	0
K16		0	0	-1.38	0	0	0	0	0	-1.53	0	0	0
K17		0	0	-0.78	0	0	0.01	0	0	-0.77	0	0	-0.01
K18		0	0	-1.08	0	0	-0.02	0	0	-1.13	0	0	0.02
P01		0.03	0	33.84	0	0.48	0	-0.03	0	-33.84	0	-0.41	0
P02		0.03	0	33.84	0	0.48	0	-0.03	0	-33.84	0	-0.41	0
P03		-0.01	0	33.84	0	0.47	0	0.01	0	-33.84	0	-0.49	0
P04		-0.01	0	33.84	0	0.47	0	0.01	0	-33.84	0	-0.49	0
S01		0.06	0.11	22.06	-0.09	0.06	0	-0.06	-0.11	-22.06	-0.19	0.11	0
S02		0.01	0	32.19	0	0.02	0	-0.01	0	-32.19	0	0	0
S03		0.06	-0.11	22.06	0.1	0.06	0	-0.06	0.11	-22.06	0.2	0.1	0
S04		0.23	0.03	24.15	-0.03	0.16	0	-0.23	-0.03	-24.15	-0.06	0.46	0
S05		-0.03	0	43.05	0	0	0	0.03	0	-43.05	0	-0.07	0
S06		-0.24	0.03	24.19	-0.03	-0.18	0	0.24	-0.03	-24.19	-0.06	-0.48	0
S07		0.26	0	19.69	0.01	0.19	0	-0.26	0	-19.69	0	0.53	0
S08		0	0	42.83	0	0	0	0	0	-42.83	0	0	0
S09		-0.27	0	19.55	0	-0.2	0	0.27	0	-19.55	-0.01	-0.54	0
S10		0.23	-0.04	24.11	0.03	0.17	0	-0.23	0.04	-24.11	0.06	0.46	0
S11		-0.03	-0.02	39.78	0.02	0	0	0.03	0.02	-39.78	0.04	-0.07	0
S12		-0.18	-0.01	19.87	0.01	-0.13	0	0.18	0.01	-19.87	0.02	-0.35	0
S13		-0.06	0.11	22.06	-0.09	-0.03	0	0.06	-0.11	-22.06	-0.2	-0.14	0
S14		0.01	-0.02	27.43	0.02	0.02	0	-0.01	0.02	-27.43	0.03	0	0
S15		-0.04	-0.08	17.28	0.07	-0.02	0	0.04	0.08	-17.28	0.15	-0.1	0

Yüklemeye 6 Q DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K02		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K03		0	0	-0.62	0	0	0	0	0	-0.5	0	0	0
K04		0	0	-0.5	0	0	0	0	0	-0.62	0	0	0

ELEMEN UÇ KUVVETLERİ

Yüklem 6 Q DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K07		0	0	-0.62	0	0	-0.01	0	0	-0.5	0	0	0.01
K08		0	0	-0.26	0	0	0	0	0	-0.32	0	0	0
K09		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K12		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
K13		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K14		0	0	-0.63	0	0	0.01	0	0	-0.52	0	0	-0.01
K15		0	0	-0.52	0	0	0	0	0	-0.63	0	0	0
K16		0	0	-0.29	0	0	0	0	0	-0.39	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
P01		0.01	0	0.65	0	0.02	0	-0.01	0	-0.65	0	0	0
P02		0.01	0	0.65	0	0.02	0	-0.01	0	-0.65	0	0	0
P03		0.03	0	0.65	0	0.07	0	-0.03	0	-0.65	0	0	0
P04		0.03	0	0.65	0	0.07	0	-0.03	0	-0.65	0	0	0
S01		0.01	0.02	0.53	-0.03	0.01	0	-0.01	-0.02	-0.53	-0.04	0.01	0
S02		0.02	0	1.05	0	0.03	0	-0.02	0	-1.05	0	0.02	0
S03		0.01	-0.02	0.53	0.03	0.02	0	-0.01	0.02	-0.53	0.04	0.01	0
S04		0.12	0.01	0.85	-0.01	0.13	0	-0.12	-0.01	-0.85	-0.02	0.19	0
S05		-0.05	0	2	0	-0.04	0	0.05	0	-2	0	-0.09	0
S06		-0.12	0.01	0.86	-0.01	-0.14	0	0.12	-0.01	-0.86	-0.01	-0.19	0
S07		0.14	0	0.71	0	0.14	0	-0.14	0	-0.71	0	0.22	0
S08		0	0	2.14	0.01	0	0	0	0	-2.14	0.01	0	0
S09		-0.14	0.01	0.69	-0.01	-0.16	0	0.14	-0.01	-0.69	-0.01	-0.22	0
S10		0.12	-0.01	0.85	0.01	0.13	0	-0.12	0.01	-0.85	0.02	0.19	0
S11		-0.02	-0.02	1.62	0.02	-0.03	0	0.02	0.02	-1.62	0.03	-0.02	0
S12		-0.08	0.01	0.37	-0.01	-0.09	0	0.08	-0.01	-0.37	-0.02	-0.13	0
S13		-0.01	0.02	0.53	-0.03	-0.01	0	0.01	-0.02	-0.53	-0.04	-0.01	0
S14		-0.01	-0.02	0.53	0.03	-0.01	0	0.01	0.02	-0.53	0.04	-0.01	0
S15		0	0	0	0	0	0	0	0	0	0	0	0
K01	2. KAT	0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K02		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K03		0	0	-0.62	0	0	0	0	0	-0.5	0	0	0
K04		0	0	-0.5	0	0	0	0	0	-0.62	0	0	0
K05		0	0	-0.63	0	0	0	0	0	-0.52	0	0	0
K06		0	0	-0.52	0	0	0	0	0	-0.63	0	0	0
K07		0	0	-0.62	0	0	-0.01	0	0	-0.5	0	0	0.01
K08		0	0	-0.26	0	0	0	0	0	-0.32	0	0	0
K09		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K12		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
K13		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K14		0	0	-0.63	0	0	0	0	0	-0.52	0	0	0
K15		0	0	-0.52	0	0	0	0	0	-0.63	0	0	0
K16		0	0	-0.29	0	0	0	0	0	-0.39	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
P01		0.01	0	1.29	0	0.06	0	-0.01	0	-1.29	0	-0.02	0
P02		0.01	0	1.29	0	0.06	0	-0.01	0	-1.29	0	-0.02	0
P03		0.02	0	1.29	0	0.13	0	-0.02	0	-1.29	0	-0.07	0
P04		0.02	0	1.29	0	0.13	0	-0.02	0	-1.29	0	-0.07	0
S01		-0.01	0	1.05	0	-0.03	0	0.01	0	-1.05	-0.01	0	0
S02		-0.02	0	2.1	0	-0.05	0	0.02	0	-2.1	0	0	0
S03		-0.01	0	1.05	0	-0.02	0	0.01	0	-1.05	0.01	0	0
S04		0.03	0.01	1.69	-0.02	0.01	0	-0.03	-0.01	-1.69	-0.02	0.07	0
S05		-0.08	0	3.99	0	-0.15	0	0.08	0	-3.99	0	-0.06	0
S06		-0.03	0.01	1.71	-0.02	-0.02	0	0.03	-0.01	-1.71	-0.01	-0.05	0
S07		0.04	0	1.43	0	0.03	0	-0.04	0	-1.43	0	0.08	0
S08		0	0	4.27	0	0	0	0	0	-4.27	0	0	0
S09		-0.04	0	1.39	0	-0.04	0	0.04	0	-1.39	-0.01	-0.07	0
S10		0.03	-0.02	1.69	0.03	0.01	0	-0.03	0.02	-1.69	0.02	0.07	0
S11		0.03	-0.01	3.23	0.01	0.08	0	-0.03	0.01	-3.23	0.01	0.01	0
S12		-0.02	0	0.75	0	-0.02	0	0.02	0	-0.75	-0.01	-0.03	0
S13		0.01	0	1.05	0	0.03	0	-0.01	0	-1.05	-0.01	0	0
S14		0.01	-0.01	1.05	0.01	0.03	0	-0.01	0.01	-1.05	0.01	0	0
S15		0	0	0	0	0	0	0	0	0	0	0	0
K01	1. KAT	0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K02		0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K03		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0
K04		0	0	-0.45	0	0	0	0	0	-0.59	0	0	0
K05		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K06		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K07		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0

ELEMEN UÇ KUVVETLERİ

Yüklemeler 6 Q DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.16	0	0	0	0	0	-0.14	0	0	0
K12		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
K13		0	0	-0.17	0	0	0	0	0	-0.14	0	0	0
K14		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K15		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K16		0	0	-0.27	0	0	0	0	0	-0.34	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
P01		0.05	0	1.91	0	0.18	0	-0.05	0	-1.91	0	-0.06	0
P02		0.05	0	1.91	0	0.18	0	-0.05	0	-1.91	0	-0.06	0
P03		0.03	0	1.91	0	0.22	0	-0.03	0	-1.91	0	-0.13	0
P04		0.03	0	1.91	0	0.22	0	-0.03	0	-1.91	0	-0.13	0
S01		-0.02	0	1.59	-0.01	0	0	0.02	0	-1.59	0.02	-0.07	0
S02		-0.05	0	3.17	0	-0.01	0	0.05	0	-3.17	0	-0.13	0
S03		-0.02	0	1.59	0.01	0	0	0.02	0	-1.59	-0.02	-0.07	0
S04		0.04	0.04	2.58	-0.03	0.1	0	-0.04	-0.04	-2.58	-0.06	0.02	0
S05		-0.17	0	5.92	0	-0.11	0	0.17	0	-5.92	0	-0.35	0
S06		-0.04	0.04	2.59	-0.03	-0.09	0	0.04	-0.04	-2.59	-0.06	-0.01	0
S07		0.07	0	2.16	0.01	0.12	0	-0.07	0	-2.16	0.01	0.06	0
S08		0	0	6.23	0	0	0	0	0	-6.23	0	0	0
S09		-0.06	0	2.11	0	-0.11	0	0.06	0	-2.11	0	-0.06	0
S10		0.05	-0.04	2.56	0.04	0.1	0	-0.05	0.04	-2.56	0.07	0.02	0
S11		0.09	-0.02	4.82	0.02	0.03	0	-0.09	0.02	-4.82	0.03	0.2	0
S12		-0.02	0	1.15	0	-0.05	0	0.02	0	-1.15	0	-0.01	0
S13		0.03	0	1.59	-0.01	0.01	0	-0.03	0	-1.59	0.02	0.07	0
S14		0.03	-0.02	1.58	0.02	0.02	0	-0.03	0.02	-1.58	0.03	0.06	0
S15		0	0	0	0	0.01	0	0	0	0	0	0	0
K01	ZEMİN KAT	0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K02		0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K03		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0
K04		0	0	-0.45	0	0	0	0	0	-0.59	0	0	0
K05		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K06		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K07		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0
K08		0	0	-0.24	0	0	0	0	0	-0.28	0	0	0
K09		0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.16	0	0	0	0	0	-0.14	0	0	0
K12		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
K13		0	0	-0.17	0	0	0	0	0	-0.14	0	0	0
K14		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K15		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K16		0	0	-0.27	0	0	0	0	0	-0.34	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
P01		0.01	0	2.53	0	0.21	0	-0.01	0	-2.53	0	-0.18	0
P02		0.01	0	2.53	0	0.21	0	-0.01	0	-2.53	0	-0.18	0
P03		0	0	2.53	0	0.21	0	0	0	-2.53	0	-0.22	0
P04		0	0	2.53	0	0.21	0	0	0	-2.53	0	-0.22	0
S01		0.01	0.01	2.13	-0.01	0.01	0	-0.01	-0.01	-2.13	-0.02	0.01	0
S02		0.02	0	4.23	0	0.02	0	-0.02	0	-4.23	0	0.03	0
S03		0.01	-0.01	2.13	0.01	0.01	0	-0.01	0.01	-2.13	0.02	0.01	0
S04		0.05	0	3.45	0	0.04	0	-0.05	0	-3.45	-0.01	0.1	0
S05		0.01	0	7.85	0	0.01	0	-0.01	0	-7.85	0	0	0
S06		-0.06	0	3.46	0	-0.04	0	0.06	0	-3.46	-0.01	-0.11	0
S07		0.05	0	2.92	0	0.04	0	-0.05	0	-2.92	0	0.11	0
S08		0	0	8.18	0	0	0	0	0	-8.18	0	0	0
S09		-0.06	0	2.86	0	-0.04	0	0.06	0	-2.86	0	-0.11	0
S10		0.05	0	3.43	0.01	0.04	0	-0.05	0	-3.43	0.01	0.11	0
S11		-0.03	-0.01	6.4	0.01	-0.01	0	0.03	0.01	-6.4	0.02	-0.07	0
S12		-0.03	0	1.54	0	-0.02	0	0.03	0	-1.54	-0.01	-0.06	0
S13		-0.01	0.01	2.13	-0.01	0	0	0.01	-0.01	-2.13	-0.02	-0.03	0
S14		-0.01	-0.01	2.12	0.01	0	0	0.01	0.01	-2.12	0.02	-0.03	0
S15		0	0	0	0	0.01	0	0	0	0	0	-0.01	0

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı_Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2	
K01	3. KAT	0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K02		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K03		0.95	0	-0.01	0	0.01	-0.01	-0.95	0	0.01	0	0.01	0.01
K04		-0.95	0	-0.01	0	0.01	-0.01	0.95	0	0.01	0	0.01	0.01
K05		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K06		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K07		-0.95	0	-0.01	0	0.01	-0.01	0.95	0	0.01	0	0.01	0.01
K08		0.83	0	0	0	0.01	-0.01	-0.83	0	0	0	0.01	0.01
K09		0	0	0	0	0.01	-0.02	0	0	0	0	0.01	0.02
K10		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K11		0	1.14	0	0	-0.02	0	-1.14	0	0	0.02	0	0
K12		0	-1.14	0	0	-0.03	0	1.14	0	0	0.03	0	0
K13		0	0	0	0	-0.03	0	0	0	0	0.03	0	0
K14		0	0	0	0	-0.05	0	0	0	0	0.05	0	0
K15		0	0	0	0	-0.01	0	0	0	0	0.01	0	0
K16		0	0	0	0	-0.02	0	0	0	0	0.02	0	0
K17		0	-0.99	0	0	-0.01	0	0	0.99	0	0	0.01	0
K18		0	1.14	0	0	-0.03	0	-1.14	0	0	0.03	0	0
P01		-1.48	-0.96	0	2.59	-3.99	0	1.48	0.96	0	0	0	0
P02		-1.48	-0.96	0	2.59	-3.99	0	1.48	0.96	0	0	0	0
P03		-1.48	0.96	0	-2.59	-3.99	0	1.48	-0.96	0	0	0	0
P04		-1.48	0.96	0	-2.59	-3.99	0	1.48	-0.96	0	0	0	0
S01		-0.28	-0.01	0	0.01	-0.73	-0.03	0.28	0.01	0	0.02	-0.04	0.03
S02		-0.28	0	0	0	-0.72	-0.03	0.28	0	0	0	-0.03	0.03
S03		-0.28	0.01	0	-0.01	-0.73	-0.03	0.28	-0.01	0	-0.02	-0.04	0.03
S04		-2	-0.06	0.03	0.08	-5.31	-0.03	2	0.06	-0.03	0.09	-0.08	0.03
S05		-0.28	0	0	0	-0.74	-0.03	0.28	0	0	0	-0.01	0.03
S06		-2	0.06	-0.03	-0.08	-5.31	-0.03	2	-0.06	0.03	-0.09	-0.08	0.03
S07		-1.96	-0.08	-0.01	0.11	-5.28	-0.03	1.96	0.08	0.01	0.12	-0.01	0.03
S08		-0.93	0	0	0	-2.47	-0.03	0.93	0	0	0	-0.05	0.03
S09		-1.96	0.08	0.01	-0.11	-5.28	-0.03	1.96	-0.08	-0.01	-0.12	-0.01	0.03
S10		-1.9	-0.06	-0.04	0.08	-5.22	-0.03	1.9	0.06	0.04	0.09	0.08	0.03
S11		-0.27	0	0	0	-0.74	-0.03	0.27	0	0	0	0	0.03
S12		-1.9	0.06	0.04	-0.08	-5.22	-0.03	1.9	-0.06	-0.04	-0.09	0.08	0.03
S13		-0.26	-0.01	0	0.01	-0.7	-0.03	0.26	0.01	0	0.03	0.01	0.03
S14		-0.25	0	0	0	-0.7	-0.03	0.25	0	0	-0.01	0.02	0.03
S15		-0.26	0.01	0	0	-0.7	-0.03	0.26	-0.01	0	-0.02	0.01	0.03
K01	2. KAT	0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K02		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K03		0.47	0	0	0	0.01	-0.01	-0.47	0	0	0	0.01	0.02
K04		-0.47	0	0	0	0.01	-0.02	0.47	0	0	0	0.01	0.01
K05		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K06		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K07		-0.47	0	0	0	0.01	-0.01	0.47	0	0	0	0.01	0.01
K08		0.41	0	0	0	0.01	-0.01	-0.41	0	0	0	0.01	0.01
K09		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K10		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K11		0	0.56	0	0	0.01	0	0	-0.56	0	0	-0.01	0
K12		0	-0.56	0	0	-0.07	0	0	0.56	0	0	0.07	0
K13		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K14		0	0	0	0	0.03	0	0	0	0	0	-0.03	0
K15		0	0	0	0	-0.1	0	0	0	0	0	0.1	0
K16		0	0	0	0	-0.05	0	0	0	0	0	0.05	0
K17		0	-0.49	0	0	0.01	0	0	0.49	0	0	-0.01	0
K18		0	0.56	0	0	-0.07	0	0	-0.56	0	0	0.07	0
P01		-1.19	-1.68	0	7.11	-7.21	0	1.19	1.68	0	-2.59	3.99	0
P02		-1.15	-1.68	0	7.11	-7.11	0	1.15	1.68	0	-2.59	3.99	0
P03		-1.19	1.68	0	-7.11	-7.21	0	1.19	-1.68	0	2.59	3.99	0
P04		-1.15	1.68	0	-7.11	-7.11	0	1.15	-1.68	0	2.59	3.99	0
S01		-0.69	-0.09	-0.01	0.22	-2.53	-0.03	0.69	0.09	0.01	0.02	0.66	0.03
S02		-0.69	0	0	0	-2.52	-0.03	0.69	0	0	0	0.66	0.03
S03		-0.69	0.09	0.01	-0.22	-2.53	-0.03	0.69	-0.09	-0.01	-0.02	0.66	0.03
S04		-4.35	-0.05	0.09	0.07	-16.98	-0.03	4.35	0.05	-0.09	0.06	5.25	0.03
S05		-0.65	0	0	0	-2.44	-0.03	0.65	0	0	0	0.67	0.03
S06		-4.35	0.05	-0.09	-0.07	-16.98	-0.03	4.35	-0.05	0.09	-0.06	5.25	0.03
S07		-4.25	-0.07	-0.01	0.09	-16.74	-0.03	4.25	0.07	0.01	0.09	5.28	0.03
S08		-0.91	0	0	0	-5.03	-0.03	0.91	0	0	0	2.58	0.03
S09		-4.25	0.07	0.01	-0.09	-16.74	-0.03	4.25	-0.07	-0.01	-0.09	5.28	0.03
S10		-4.13	-0.05	-0.1	0.07	-16.5	-0.03	4.13	0.05	0.1	0.06	5.34	0.03
S11		-0.63	0	0	0	-2.37	-0.03	0.63	0	0	0	0.68	0.03
S12		-4.13	0.05	0.1	-0.07	-16.5	-0.03	4.13	-0.05	-0.1	-0.06	5.34	0.03
S13		-0.63	-0.09	-0.01	0.22	-2.4	-0.03	0.63	0.09	0.01	0.02	0.69	0.03
S14		-0.63	0	0	0	-2.39	-0.03	0.63	0	0	0	0.67	0.03

ELEMAN UÇ KUVVETLERİ (GLOBAL)**Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem**

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	1. KAT	0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K02		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K03		0.08	0	0	0	0.01	-0.01	-0.08	0	0	0	0.01	0.01
K04		-0.08	0	0	0	0.01	-0.01	0.08	0	0	0	0.01	0.01
K05		0	0	0	0	0.01	0	0	0	0	0	0.01	0
K06		0	0	0	0	0.01	0	0	0	0	0	0.01	0
K07		-0.08	0	0	0	0.01	-0.01	0.08	0	0	0	0.01	0.01
K08		0.07	0	0	0	0.01	-0.01	-0.07	0	0	0	0.01	0.01
K09		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0.1	0	0	-0.01	0	0	-0.1	0	0	0.01	0
K12		0	-0.1	0	0	-0.02	0	0	0.1	0	0	0.02	0
K13		0	0	0	0	-0.04	0	0	0	0	0	0.04	0
K14		0	0	0	0	-0.3	0	0	0	0	0	0.3	0
K15		0	0	0	0	0.27	0	0	0	0	0	-0.27	0
K16		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K17		0	-0.09	0	0	0	0	0	0.09	0	0	0	0
K18		0	0.1	0	0	-0.02	0	0	-0.1	0	0	0.02	0
P01		0.12	1.52	0	3.01	-6.88	0	-0.12	-1.52	0	-7.11	7.21	0
P02		0.09	1.52	0	3.01	-6.87	0	-0.09	-1.52	0	-7.11	7.11	0
P03		0.12	-1.52	0	-3.01	-6.88	0	-0.12	1.52	0	7.11	7.21	0
P04		0.09	-1.52	0	-3.01	-6.87	0	-0.09	1.52	0	7.11	7.11	0
S01		-1.13	0.04	-0.01	0.1	-5.56	-0.01	1.13	-0.04	0.01	-0.21	2.51	0.01
S02		-1.11	0	0	0	-5.53	-0.01	1.11	0	0	0	2.54	0.01
S03		-1.13	-0.04	0.01	-0.1	-5.56	-0.01	1.13	0.04	-0.01	0.21	2.51	0.01
S04		-6.46	-0.01	0.12	0.03	-34.36	-0.01	6.46	0.01	-0.12	0	16.93	0.01
S05		-1.04	0	0	0	-5.49	-0.01	1.04	0	0	0	2.68	0.01
S06		-6.46	0.01	-0.12	-0.03	-34.36	-0.01	6.46	-0.01	0.12	0	16.93	0.01
S07		-6.5	-0.03	-0.02	0.04	-34.28	-0.01	6.5	0.03	0.02	0.03	16.74	0.01
S08		-0.13	0	0	0	-4.8	-0.01	0.13	0	0	0	4.44	0.01
S09		-6.5	0.03	0.01	-0.04	-34.28	-0.01	6.5	-0.03	-0.01	-0.03	16.74	0.01
S10		-6.52	-0.01	-0.14	0.03	-34.14	-0.01	6.52	0.01	0.14	0	16.55	0.01
S11		-1.05	0	0	0	-5.46	-0.01	1.05	0	0	0	2.62	0.01
S12		-6.52	0.01	0.14	-0.03	-34.15	-0.01	6.52	-0.01	-0.14	0	16.55	0.01
S13		-1.15	0.04	-0.01	0.1	-5.5	-0.01	1.15	-0.04	0.01	-0.21	2.4	0.01
S14		-1.13	0	0	0	-5.47	-0.01	1.13	0	0	0	2.43	0.01
S15		-1.14	-0.04	0.01	-0.1	-5.49	-0.01	1.14	0.04	-0.01	0.22	2.4	0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		-0.02	0	0	0	0	0	0.02	0	0	0	0	0
K04		0.02	0	0	0	0	0	-0.02	0	0	0	0	0
K05		0	0	0	0	0.01	0	0	0	0	0	0	0
K06		0	0	0	0	0	0	0	0	0	0	0.01	0
K07		0.02	0	0	0	0	0	-0.02	0	0	0	0	0
K08		-0.02	0	0	0	0	0	0.02	0	0	0	0	0
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	-0.03	0	0	0.06	0	0	0.03	0	0	-0.06	0
K12		0	0.03	0	0	-0.06	0	0	-0.03	0	0	0.06	0
K13		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K14		0	0	0	0	0.06	0	0	0	0	0	-0.06	0
K15		0	0	0	0	-0.06	0	0	0	0	0	0.06	0
K16		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K17		0	0.03	0	0	0.05	0	0	-0.03	0	0	-0.05	0
K18		0	-0.03	0	0	-0.06	0	0	0.03	0	0	0.06	0
P01		-2.02	1.04	0	0.19	-12.34	0	2.02	-1.04	0	-3.01	6.88	0
P02		-2.03	1.04	0	0.19	-12.35	0	2.03	-1.04	0	-3.01	6.87	0
P03		-2.02	-1.04	0	-0.19	-12.34	0	2.02	1.04	0	3.01	6.88	0
P04		-2.03	-1.04	0	-0.19	-12.35	0	2.03	1.04	0	3.01	6.87	0
S01		-1.01	0.07	-0.01	-0.08	-8.23	0	1.01	-0.07	0.01	-0.1	5.49	0
S02		-1	0	0	0	-8.23	0	1	0	0	0	5.51	0
S03		-1.01	-0.07	0.01	0.08	-8.23	0	1.01	0.07	-0.01	0.1	5.49	0
S04		-5.84	0.01	0.12	-0.02	-50.18	0	5.84	-0.01	-0.12	-0.02	34.41	0
S05		-1.05	0	0	0	-8.27	0	1.05	0	0	0	5.43	0
S06		-5.84	-0.01	-0.12	0.02	-50.18	0	5.84	0.01	0.12	0.02	34.41	0
S07		-5.92	0.01	-0.02	-0.02	-50.27	0	5.92	-0.01	0.02	-0.02	34.28	0
S08		-1.24	0	0	0	-8.24	0	1.24	0	0	0	4.91	0
S09		-5.92	-0.01	0.02	0.02	-50.27	0	5.92	0.01	-0.02	0.02	34.28	0
S10		-5.98	0.01	-0.15	-0.02	-50.35	0	5.98	-0.01	0.15	-0.02	34.2	0
S11		-1.08	0	0	0	-8.3	0	1.08	0	0	0	5.4	0
S12		-5.98	-0.01	0.15	0.02	-50.35	0	5.98	0.01	-0.15	0.02	34.2	0
S13		-1.06	0.07	-0.01	-0.08	-8.29	0	1.06	-0.07	0.01	-0.1	5.43	0
S14		-1.05	0	0	0	-8.28	0	1.05	0	0	0	5.45	0
S15		-1.05	-0.07	0.01	0.08	-8.29	0	1.05	0.07	-0.01	0.1	5.44	0

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	0	0	0.01	0.02	0	0	0	0	0.01	-0.02
K02		0	0	0	0	0.01	0.02	0	0	0	0	0.01	-0.02
K03		-0.95	0	0	0	0.01	0.01	0.95	0	0	0	0.01	-0.01
K04		0.95	0	0	0	0.01	0.01	-0.95	0	0	0	0.01	-0.01
K05		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K06		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K07		0.95	0	-0.01	0	0.01	0.01	-0.95	0	0.01	0	0.01	-0.01
K08		-0.83	0	0	0	0.01	0.01	0.83	0	0	0	0.01	-0.01
K09		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K10		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K11		0	-1.14	0	0	0.03	0	0	1.14	0	0	-0.03	0
K12		0	1.14	0	0	0.02	0	0	-1.14	0	0	-0.02	0
K13		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K14		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K15		0	0	0	0	0.05	0	0	0	0	0	-0.05	0
K16		0	0	0	0	0.03	0	0	0	0	0	-0.03	0
K17		0	0.99	0	0	0.03	0	0	-0.99	0	0	-0.03	0
K18		0	-1.14	0	0	0.02	0	0	1.14	0	0	-0.02	0
P01		-1.48	0.96	0	-2.6	-3.99	0	1.48	-0.96	0	0	0	0
P02		-1.48	0.96	0	-2.6	-3.99	0	1.48	-0.96	0	0	0	0
P03		-1.48	-0.96	0	2.6	-3.99	0	1.48	0.96	0	0	0	0
P04		-1.48	-0.96	0	2.6	-3.99	0	1.48	0.96	0	0	0	0
S01		-0.26	0.01	0	-0.01	-0.7	0.03	0.26	-0.01	0	-0.03	0.01	-0.03
S02		-0.25	0	0	0	-0.69	0.03	0.25	0	0	0	0.02	-0.03
S03		-0.26	-0.01	0	0.01	-0.7	0.03	0.26	0.01	0	0.03	0.01	-0.03
S04		-1.9	0.06	-0.04	-0.08	-5.22	0.03	1.9	-0.06	0.04	-0.09	0.08	-0.03
S05		-0.28	0	0	0	-0.74	0.03	0.28	0	0	0	0	-0.03
S06		-1.9	-0.06	0.04	0.08	-5.22	0.03	1.9	0.06	-0.04	0.09	0.08	-0.03
S07		-1.96	0.08	-0.01	-0.11	-5.28	0.03	1.96	-0.08	0.01	-0.12	-0.01	-0.03
S08		-0.94	0	0	0	-2.47	0.03	0.94	0	0	0	-0.05	-0.03
S09		-1.96	-0.08	0.01	0.11	-5.28	0.03	1.96	0.08	-0.01	0.12	-0.01	-0.03
S10		-2	0.06	0.03	-0.08	-5.31	0.03	2	-0.06	-0.03	-0.09	-0.08	-0.03
S11		-0.28	0	0	0	-0.74	0.03	0.28	0	0	0	-0.01	-0.03
S12		-2	-0.06	-0.03	0.08	-5.32	0.03	2	0.06	0.03	0.09	-0.09	-0.03
S13		-0.28	0.01	0	-0.01	-0.73	0.03	0.28	-0.01	0	-0.02	-0.04	-0.03
S14		-0.28	0	0	0	-0.72	0.03	0.28	0	0	0.01	-0.03	-0.03
S15		-0.28	-0.01	0	0	-0.72	0.03	0.28	0.01	0	0.02	-0.03	-0.03
K01	2. KAT	0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K02		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K03		-0.47	0	0	0	0.01	0.01	0.47	0	0	0	0.01	-0.01
K04		0.47	0	0	0	0.01	0.01	-0.47	0	0	0	0.01	-0.01
K05		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K06		0	0	-0.01	0	0.01	0	0	0	0.01	0	0.01	0
K07		0.47	0	0	0	0.01	0.01	-0.47	0	0	0	0.01	-0.02
K08		-0.41	0	0	0	0.01	0.01	0.41	0	0	0	0.01	-0.01
K09		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K10		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K11		0	-0.57	0	0	0.07	0	0	0.57	0	0	-0.07	0
K12		0	0.57	0	0	-0.01	0	0	-0.57	0	0	0.01	0
K13		0	0	0	0	0.04	0	0	0	0	0	-0.04	0
K14		0	0	0	0	0.1	0	0	0	0	0	-0.1	0
K15		0	0	0	0	-0.03	0	0	0	0	0	0.03	0
K16		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K17		0	0.49	0	0	0.05	0	0	-0.49	0	0	-0.05	0
K18		0	-0.57	0	0	-0.01	0	0	0.57	0	0	0.01	0
P01		-1.15	1.68	0	-7.12	-7.11	0	1.15	-1.68	0	2.6	3.99	0
P02		-1.19	1.68	0	-7.12	-7.21	0	1.19	-1.68	0	2.6	3.99	0
P03		-1.15	-1.68	0	7.12	-7.11	0	1.15	1.68	0	-2.6	3.99	0
P04		-1.19	-1.68	0	7.12	-7.21	0	1.19	1.68	0	-2.6	3.99	0
S01		-0.63	0.09	-0.01	-0.22	-2.4	0.03	0.63	-0.09	0.01	-0.02	0.69	-0.03
S02		-0.63	0	0	0	-2.39	0.03	0.63	0	0	0	0.7	-0.03
S03		-0.63	-0.09	0.01	0.22	-2.4	0.03	0.63	0.09	-0.01	0.02	0.69	-0.03
S04		-4.13	0.05	-0.1	-0.07	-16.5	0.03	4.13	-0.05	0.1	-0.06	5.34	-0.03
S05		-0.63	0	0	0	-2.38	0.03	0.63	0	0	0	0.68	-0.03
S06		-4.13	-0.05	0.1	0.07	-16.5	0.03	4.13	0.05	-0.1	0.06	5.34	-0.03
S07		-4.25	0.07	-0.01	-0.09	-16.74	0.03	4.25	-0.07	0.01	-0.09	5.28	-0.03
S08		-0.91	0	0	0	-5.03	0.03	0.91	0	0	0	2.58	-0.03
S09		-4.25	-0.07	0.01	0.09	-16.74	0.03	4.25	0.07	-0.01	0.09	5.28	-0.03
S10		-4.35	0.05	0.09	-0.07	-16.98	0.03	4.35	-0.05	-0.09	-0.06	5.25	-0.03
S11		-0.65	0	0	0	-2.44	0.03	0.65	0	0	0	0.67	-0.03
S12		-4.35	-0.05	-0.09	0.07	-16.98	0.03	4.35	0.05	0.09	0.06	5.24	-0.03
S13		-0.69	0.09	-0.01	-0.22	-2.53	0.03	0.69	-0.09	0.01	-0.02	0.66	-0.03
S14		-0.69	0	0	0	-2.52	0.03	0.69	0	0	0	0.67	-0.03
S15		-0.69	0	0	0	-2.52	0.03	0.69	0	0	0	0.66	-0.03

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K02		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K03		-0.08	0	0	0	0.01	0.01	0.08	0	0	0	0.01	-0.01
K04		0.08	0	0	0	0.01	0.01	-0.08	0	0	0	0.01	-0.01
K05		0	0	0	0	0.01	0	0	0	0	0	0.01	0
K06		0	0	0	0	0.01	0	0	0	0	0	0.01	0
K07		0.08	0	0	0	0.01	0.01	-0.08	0	0	0	0.01	-0.01
K08		-0.07	0	0	0	0.01	0.01	0.07	0	0	0	0.01	-0.01
K09		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	-0.1	0	0	0.02	0	0	0.1	0	0	-0.02	0
K12		0	0.1	0	0	0.01	0	0	-0.1	0	0	-0.01	0
K13		0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K14		0	0	0	0	-0.27	0	0	0	0	0	0.27	0
K15		0	0	0	0	0.3	0	0	0	0	0	-0.3	0
K16		0	0	0	0	0.05	0	0	0	0	0	-0.05	0
K17		0	0.09	0	0	0.01	0	0	-0.09	0	0	-0.01	0
K18		0	-0.1	0	0	0.01	0	0	0.1	0	0	-0.01	0
P01		0.09	-1.52	0	-3.02	-6.87	0	-0.09	1.52	0	7.12	7.11	0
P02		0.12	-1.52	0	-3.02	-6.88	0	-0.12	1.52	0	7.12	7.21	0
P03		0.09	1.52	0	3.01	-6.87	0	-0.09	-1.52	0	-7.12	7.11	0
P04		0.12	1.52	0	3.01	-6.88	0	-0.12	-1.52	0	-7.12	7.21	0
S01		-1.15	-0.04	-0.01	-0.1	-5.5	0.01	1.15	0.04	0.01	0.21	2.4	-0.01
S02		-1.12	0	0	0	-5.47	0.01	1.12	0	0	0	2.43	-0.01
S03		-1.15	0.04	0.01	0.1	-5.5	0.01	1.15	-0.04	-0.01	-0.21	2.4	-0.01
S04		-6.52	0.01	-0.14	-0.03	-34.14	0.01	6.52	-0.01	0.14	0	16.55	-0.01
S05		-1.05	0	0	0	-5.46	0.01	1.05	0	0	0	2.61	-0.01
S06		-6.52	-0.01	0.14	0.03	-34.14	0.01	6.52	0.01	-0.14	0	16.55	-0.01
S07		-6.5	0.03	-0.02	-0.04	-34.28	0.01	6.5	-0.03	0.02	-0.03	16.74	-0.01
S08		-0.13	0	0	0	-4.8	0.01	0.13	0	0	0	4.44	-0.01
S09		-6.5	-0.03	0.02	0.04	-34.28	0.01	6.5	0.03	-0.02	0.03	16.74	-0.01
S10		-6.46	0.01	0.12	-0.03	-34.36	0.01	6.46	-0.01	-0.12	0	16.93	-0.01
S11		-1.04	0	0	0	-5.49	0.01	1.04	0	0	0	2.68	-0.01
S12		-6.46	-0.01	-0.12	0.03	-34.37	0.01	6.46	0.01	0.12	0	16.93	-0.01
S13		-1.13	-0.04	-0.01	-0.1	-5.56	0.01	1.13	0.04	0.01	0.21	2.51	-0.01
S14		-1.11	0	0	0	-5.53	0.01	1.11	0	0	0	2.53	-0.01
S15		-1.13	0.04	0.01	0.1	-5.55	0.01	1.13	-0.04	-0.01	-0.21	2.51	-0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0.02	0	0	0	0	0	-0.02	0	0	0	0	0
K04		-0.02	0	0	0	0	0	0.02	0	0	0	0	0
K05		0	0	0	0	0.01	0	0	0	0	0	0	0
K06		0	0	0	0	0	0	0	0	0	0	0.01	0
K07		-0.02	0	0	0	0	0	0.02	0	0	0	0	0
K08		0.02	0	0	0	0	0	-0.02	0	0	0	0	0
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0.03	0	0	0.06	0	0	-0.03	0	0	-0.06	0
K12		0	-0.03	0	0	-0.06	0	0	0.03	0	0	0.06	0
K13		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K14		0	0	0	0	0.06	0	0	0	0	0	-0.06	0
K15		0	0	0	0	-0.06	0	0	0	0	0	0.06	0
K16		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K17		0	-0.03	0	0	0.05	0	0	0.03	0	0	-0.05	0
K18		0	0.03	0	0	-0.06	0	0	-0.03	0	0	0.06	0
P01		-2.03	-1.05	0	-0.19	-12.35	0	2.03	1.05	0	3.02	6.87	0
P02		-2.02	-1.05	0	-0.19	-12.34	0	2.02	1.05	0	3.02	6.88	0
P03		-2.03	1.05	0	0.19	-12.35	0	2.03	-1.05	0	-3.01	6.87	0
P04		-2.02	1.05	0	0.19	-12.34	0	2.02	-1.05	0	-3.01	6.88	0
S01		-1.06	-0.07	-0.01	0.08	-8.29	0	1.06	0.07	0.01	0.1	5.43	0
S02		-1.05	0	0	0	-8.28	0	1.05	0	0	0	5.45	0
S03		-1.06	0.07	0.01	-0.08	-8.29	0	1.06	-0.07	-0.01	-0.1	5.43	0
S04		-5.98	-0.01	-0.15	0.02	-50.35	0	5.98	0.01	0.15	0.02	34.2	0
S05		-1.07	0	0	0	-8.3	0	1.07	0	0	0	5.4	0
S06		-5.98	0.01	0.15	-0.02	-50.35	0	5.98	-0.01	-0.15	-0.02	34.2	0
S07		-5.92	-0.01	-0.02	0.02	-50.27	0	5.92	0.01	0.02	0.02	34.28	0
S08		-1.24	0	0	0	-8.24	0	1.24	0	0	0	4.91	0
S09		-5.92	0.01	0.02	-0.02	-50.27	0	5.92	-0.01	-0.02	-0.02	34.28	0
S10		-5.84	-0.01	0.12	0.02	-50.18	0	5.84	0.01	-0.12	0.02	34.41	0
S11		-1.05	0	0	0	-8.27	0	1.05	0	0	0	5.43	0
S12		-5.84	0.01	-0.12	-0.02	-50.18	0	5.84	-0.01	0.12	-0.02	34.4	0
S13		-1.01	-0.07	-0.01	0.08	-8.23	0	1.01	0.07	0.01	0.1	5.49	0
S14		-1	0	0	0	-8.22	0	1	0	0	0	5.51	0
S15		-1.01	0.07	0.01	-0.08	-8.23	0	1.01	-0.07	-0.01	-0.1	5.5	0

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem

ELEMAN UÇ KUVVETLERİ (GLOBAL)

Yüklemeye 3 (Y YÖNÜ + 0.05) E3 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K02		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K03		-0.58	0	0	0	0	0.27	0.58	0	0	0	0	-0.27
K04		0.58	0	0	0	0	-0.26	-0.58	0	0	0	0	0.26
K05		0	0	0	0	0	0.34	0	0	0	0	0	-0.34
K06		0	0	0	0	0	-0.34	0	0	0	0	0	0.34
K07		0.58	0	0	0	0	0.27	-0.58	0	0	0	0	-0.27
K08		-0.51	0	0	0	0	-0.21	0.51	0	0	0	0	0.21
K09		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	-0.7	0	0	0.01	0	0	0.7	0	0	-0.01	0
K12		0	0.7	0	0	0.01	0	0	-0.7	0	0	-0.01	0
K13		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K14		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K15		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K16		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K17		0	0.61	0	0	0.02	0	0	-0.61	0	0	-0.02	0
K18		0	-0.7	0	0	0.02	0	0	0.7	0	0	-0.02	0
P01		0	-3.96	0	10.68	0	0	0	3.96	0	0	0	0
P02		0	-3.96	0	10.68	0	0	0	3.96	0	0	0	0
P03		0	-5.14	0	13.88	0	0	0	5.14	0	0	0	0
P04		0	-5.14	0	13.87	0	0	0	5.14	0	0	0	0
S01		0.01	0	0	0.01	0.01	0.02	-0.01	0	0	-0.01	0.01	-0.02
S02		0.01	-0.01	0	0.01	0.01	0.02	-0.01	0.01	0	0	0.02	-0.02
S03		0.01	-0.01	0	0.02	0.01	0.02	-0.01	0.01	0	0.02	0.02	-0.02
S04		-0.05	-0.66	0.53	0.85	-0.06	0.02	0.05	0.66	-0.53	0.92	-0.07	-0.02
S05		0	-0.32	0	0.33	0	0.02	0	0.32	0	0.53	0	-0.02
S06		0.11	-0.73	0.58	0.95	0.12	0.02	-0.11	0.73	-0.58	1.03	0.17	-0.02
S07		0	-0.99	0	1.31	0	0.02	0	0.99	0	1.37	0	-0.02
S08		0	-0.42	0	0.46	0	0.02	0	0.42	0	0.68	0	-0.02
S09		0	-1.09	-0.01	1.44	0	0.02	0	1.09	0.01	1.51	0	-0.02
S10		0.05	-0.66	-0.53	0.85	0.06	0.02	-0.05	0.66	0.53	0.92	0.07	-0.02
S11		0	-0.29	0	0.3	0	0.02	0	0.29	0	0.48	0	-0.02
S12		-0.11	-0.75	-0.56	0.96	-0.12	0.02	0.11	0.75	0.56	1.05	-0.17	-0.02
S13		-0.01	0	0	0.01	-0.01	0.02	0.01	0	0	-0.01	-0.01	-0.02
S14		-0.01	-0.01	0	0.02	-0.01	0.02	0.01	0.01	0	0	-0.01	-0.02
S15		-0.01	-0.01	0	0.02	-0.01	0.02	0.01	0.01	0	0.01	-0.02	-0.02
K01	2. KAT	0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K02		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K03		-0.29	0	0	0	0	0.23	0.29	0	0	0	0	-0.23
K04		0.29	0	0	0	0	-0.22	-0.29	0	0	0	0	0.22
K05		0	0	0	0	0	0.35	0	0	0	0	0	-0.35
K06		0	0	0	0	0	-0.35	0	0	0	0	0	0.35
K07		0.29	0	0	0	0	0.23	-0.29	0	0	0	0	-0.23
K08		-0.25	0	0	0	0	-0.17	0.25	0	0	0	0	0.17
K09		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	-0.35	0	0	0.01	0	0	0.35	0	0	-0.01	0
K12		0	0.35	0	0	0.01	0	0	-0.35	0	0	-0.01	0
K13		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K14		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K15		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K16		0	0	0	0	0.02	0	0	0	0	0	-0.02	0
K17		0	0.3	0	0	0.02	0	0	-0.3	0	0	-0.02	0
K18		0	-0.35	0	0	0.02	0	0	0.35	0	0	-0.02	0
P01		0.01	-7.97	0	32.2	0.03	0	-0.01	7.97	0	-10.68	0	0
P02		-0.01	-7.97	0	32.2	-0.03	0	0.01	7.97	0	-10.68	0	0
P03		0.01	-10.04	0	40.98	0.03	0	-0.01	10.04	0	-13.88	0	0
P04		-0.01	-10.04	0	40.98	-0.03	0	0.01	10.04	0	-13.87	0	0
S01		0.02	-0.18	0	0.52	0.04	0.02	-0.02	0.18	0	-0.03	0.01	-0.02
S02		0.02	-0.24	0	0.66	0.04	0.02	-0.02	0.24	0	-0.01	0.01	-0.02
S03		0.02	-0.3	0	0.8	0.04	0.02	-0.02	0.3	0	0	0.01	-0.02
S04		-0.03	-0.51	1.36	0.68	0.01	0.02	0.03	0.51	-1.36	0.69	-0.08	-0.02
S05		0.01	-0.33	0	0.78	0.02	0.02	-0.01	0.33	0	0.13	0	-0.02
S06		0.16	-0.57	1.47	0.76	0.29	0.02	-0.16	0.57	-1.47	0.77	0.13	-0.02
S07		0	-0.83	0	1.1	0	0.02	0	0.83	0	1.14	0	-0.02
S08		0	-0.26	0	0.47	0	0.02	0	0.26	0	0.24	0	-0.02
S09		0	-0.91	-0.02	1.21	0	0.02	0	0.91	0.02	1.25	0	-0.02
S10		0.03	-0.51	-1.36	0.68	-0.01	0.02	-0.03	0.51	1.36	0.69	0.08	-0.02
S11		-0.01	-0.32	0	0.76	-0.02	0.02	0.01	0.32	0	0.11	0	-0.02
S12		-0.16	-0.57	-1.45	0.77	-0.3	0.02	0.16	0.57	1.45	0.78	-0.14	-0.02
S13		-0.02	-0.18	0	0.52	-0.04	0.02	0.02	0.18	0	-0.03	-0.01	-0.02
S14		-0.02	-0.24	0	0.66	-0.04	0.02	0.02	0.24	0	-0.01	-0.01	-0.02
S15		-0.02	-0.29	0	0.8	-0.04	0.02	0.02	0.29	0	0	-0.01	-0.02
K01	1. KAT	0	0	0	0	0	0.01	0	0	0	0	0	-0.01

ELEMAN UÇ KUVVETLERİ (GLOBAL)**Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem**

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K04		0.05	0	0	0	0	-0.14	-0.05	0	0	0	0	0.14
K05		0	0	0	0	0	0.27	0	0	0	0	0	-0.27
K06		0	0	0	0	0	-0.26	0	0	0	0	0	0.26
K07		0.05	0	0	0	0	0.15	-0.05	0	0	0	0	-0.15
K08		-0.05	0	0	0	0	-0.11	0.05	0	0	0	0	0.11
K09		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	-0.06	0	0	0	0	0	0.06	0	0	0	0
K12		0	0.06	0	0	0	0	0	-0.06	0	0	0	0
K13		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K14		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K15		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K16		0	0	0	0	0.01	0	0	0	0	0	-0.01	0
K17		0	0.06	0	0	0.01	0	0	-0.06	0	0	-0.01	0
K18		0	-0.06	0	0	0.02	0	0	0.06	0	0	-0.02	0
P01		-0.01	-11.82	0	64.12	0	0	0.01	11.82	0	-32.2	-0.03	0
P02		0.01	-11.82	0	64.12	0	0	-0.01	11.82	0	-32.2	0.03	0
P03		-0.01	-9.95	0	67.83	0	0	0.01	9.95	0	-40.98	-0.03	0
P04		0.01	-9.95	0	67.83	0	0	-0.01	9.95	0	-40.98	0.03	0
S01		-0.01	-0.54	0	1.99	0.02	0.01	0.01	0.54	0	-0.53	-0.04	-0.01
S02		0	-0.52	0	2.05	0.02	0.01	0	0.52	0	-0.66	-0.03	-0.01
S03		0	-0.49	0	2.12	0.02	0.01	0	0.49	0	-0.79	-0.03	-0.01
S04		-0.22	-0.97	2.38	1.4	-0.14	0.01	0.22	0.97	-2.38	1.21	-0.45	-0.01
S05		0	-0.63	0	2.17	0.01	0.01	0	0.63	0	-0.48	-0.02	-0.01
S06		0.18	-0.98	2.55	1.44	0.27	0.01	-0.18	0.98	-2.55	1.22	0.21	-0.01
S07		0	-1.67	0	2.26	0	0.01	0	1.67	0	2.23	0	-0.01
S08		0	-0.2	0	0.48	0	0	0	0.2	0	0.06	0	0
S09		0	-1.7	-0.02	2.31	0	0.01	0	1.7	0.02	2.27	0	-0.01
S10		0.22	-0.97	-2.39	1.4	0.14	0.01	-0.22	0.97	2.39	1.21	0.45	-0.01
S11		0	-0.62	0	2.16	-0.01	0.01	0	0.62	0	-0.49	0.02	-0.01
S12		-0.18	-0.99	-2.52	1.45	-0.27	0.01	0.18	0.99	2.52	1.23	-0.21	-0.01
S13		0.01	-0.54	0	1.99	-0.02	0.01	-0.01	0.54	0	-0.53	0.04	-0.01
S14		0	-0.52	0	2.05	-0.02	0.01	0	0.52	0	-0.66	0.03	-0.01
S15		0	-0.49	0	2.12	-0.02	0.01	0	0.49	0	-0.79	0.03	-0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0.02	0	0	0	0	0.09	-0.02	0	0	0	0	-0.09
K04		-0.01	0	0	0	0	-0.08	0.01	0	0	0	0	0.08
K05		0	0	0	0	0	0.15	0	0	0	0	0	-0.15
K06		0	0	0	0	0	-0.15	0	0	0	0	0	0.15
K07		-0.02	0	0	0	0	0.09	0.02	0	0	0	0	-0.09
K08		0.01	0	0	0	0	-0.07	-0.01	0	0	0	0	0.07
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0.02	0	0	0	0	0	-0.02	0	0	0	0
K12		0	-0.02	0	0	0	0	0	0.02	0	0	0	0
K13		0	0	0	0	0	0	0	0	0	0	0	0
K14		0	0	0	0	0	0	0	0	0	0	0	0
K15		0	0	0	0	0	0	0	0	0	0	0	0
K16		0	0	0	0	0	0	0	0	0	0	0	0
K17		0	-0.02	0	0	0	0	0	0.02	0	0	0	0
K18		0	0.02	0	0	0	0	0	-0.02	0	0	0	0
P01		0	-13.29	0	100.01	-0.01	0	0	13.29	0	-64.12	0	0
P02		0	-13.29	0	100.01	0.01	0	0	13.29	0	-64.12	0	0
P03		0	-12	0	100.25	-0.01	0	0	12	0	-67.83	0	0
P04		0	-12	0	100.25	0.01	0	0	12	0	-67.83	0	0
S01		-0.01	-0.97	0	4.61	-0.02	0	0.01	0.97	0	-1.99	-0.02	0
S02		-0.01	-0.93	0	4.56	-0.02	0	0.01	0.93	0	-2.05	-0.02	0
S03		-0.01	-0.89	0	4.51	-0.02	0	0.01	0.89	0	-2.12	-0.02	0
S04		-0.09	-0.52	3.28	1.08	-0.09	0	0.09	0.52	-3.28	0.32	-0.16	0
S05		-0.01	-0.96	0	4.58	-0.01	0	0.01	0.96	0	-2	-0.01	0
S06		0.01	-0.5	3.45	1.05	-0.02	0	-0.01	0.5	-3.45	0.29	0.03	0
S07		0	-0.78	0	1.31	0	0	0	0.78	0	0.81	0	0
S08		0	-0.23	0	0.81	0	0	0	0.23	0	-0.18	0	0
S09		0	-0.76	-0.02	1.29	0	0	0	0.76	0.02	0.78	0	0
S10		0.09	-0.52	-3.28	1.08	0.09	0	-0.09	0.52	3.28	0.32	0.16	0
S11		0.01	-0.95	0	4.58	0.01	0	-0.01	0.95	0	-2	0.01	0
S12		-0.01	-0.5	-3.43	1.06	0.02	0	0.01	0.5	3.43	0.3	-0.03	0
S13		0.01	-0.97	0	4.61	0.02	0	-0.01	0.97	0	-1.99	0.02	0
S14		0.01	-0.93	0	4.56	0.02	0	-0.01	0.93	0	-2.05	0.02	0
S15		0.01	-0.89	0	4.51	0.02	0	-0.01	0.89	0	-2.12	0.02	0

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K03		0.59	0	0	0	0	0.26	-0.59	0	0	0	0	-0.26
K04		-0.59	0	0	0	0	-0.27	0.59	0	0	0	0	0.27
K05		0	0	0	0	0	0.34	0	0	0	0	0	-0.34
K06		0	0	0	0	0	-0.34	0	0	0	0	0	0.34
K07		-0.59	0	0	0	0	0.26	0.59	0	0	0	0	-0.26
K08		0.51	0	0	0	0	-0.22	-0.51	0	0	0	0	0.22
K09		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0.7	0	0	-0.02	0	0	-0.7	0	0	0.02	0
K12		0	-0.71	0	0	-0.02	0	0	0.71	0	0	0.02	0
K13		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K14		0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K15		0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K16		0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K17		0	-0.61	0	0	-0.01	0	0	0.61	0	0	0.01	0
K18		0	0.7	0	0	-0.01	0	0	-0.7	0	0	0.01	0
P01		0	-5.14	0	13.89	0	0	0	5.14	0	0	0	0
P02		0	-5.14	0	13.89	0	0	0	5.14	0	0	0	0
P03		0	-3.95	0	10.67	0	0	0	3.95	0	0	0	0
P04		0	-3.95	0	10.67	0	0	0	3.95	0	0	0	0
S01		-0.01	-0.01	0	0.02	-0.01	-0.02	0.01	0.01	0	0.02	-0.02	0.02
S02		-0.01	-0.01	0	0.01	-0.01	-0.02	0.01	0.01	0	0	-0.02	0.02
S03		-0.01	0	0	0.01	-0.01	-0.02	0.01	0	0	-0.01	-0.01	0.02
S04		-0.11	-0.73	0.58	0.95	-0.12	-0.02	0.11	0.73	-0.58	1.03	-0.17	0.02
S05		0	-0.32	0	0.33	0	-0.02	0	0.32	0	0.53	0	0.02
S06		0.05	-0.66	0.53	0.85	0.06	-0.02	-0.05	0.66	-0.53	0.92	0.07	0.02
S07		0	-1.1	0	1.45	0	-0.02	0	1.1	0	1.51	0	0.02
S08		0	-0.42	0	0.46	0	-0.02	0	0.42	0	0.68	0	0.02
S09		0	-0.99	-0.01	1.31	0	-0.02	0	0.99	0.01	1.37	0	0.02
S10		0.11	-0.73	-0.58	0.95	0.12	-0.02	-0.11	0.73	0.58	1.03	0.17	0.02
S11		0	-0.29	0	0.29	0	-0.02	0	0.29	0	0.48	0	0.02
S12		-0.05	-0.67	-0.52	0.87	-0.06	-0.02	0.05	0.67	0.52	0.94	-0.06	0.02
S13		0.01	-0.01	0	0.02	0.01	-0.02	-0.01	0.01	0	0.02	0.02	0.02
S14		0.01	0	0	0.01	0.01	-0.02	-0.01	0	0	0	0.01	0.02
S15		0	0	0	0.01	0	-0.02	0	0	0	-0.01	0.01	0.02
K01	2. KAT	0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K02	2. KAT	0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K03	2. KAT	0.29	0	0	0	0	0.22	-0.29	0	0	0	0	-0.22
K04	2. KAT	-0.29	0	0	0	0	-0.23	0.29	0	0	0	0	0.23
K05	2. KAT	0	0	0	0	0	0.35	0	0	0	0	0	-0.35
K06	2. KAT	0	0	0	0	0	-0.35	0	0	0	0	0	0.35
K07	2. KAT	-0.29	0	0	0	0	0.22	0.29	0	0	0	0	-0.22
K08	2. KAT	0.26	0	0	0	0	-0.18	-0.26	0	0	0	0	0.18
K09	2. KAT	0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K10	2. KAT	0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11	2. KAT	0	0.35	0	0	-0.02	0	0	-0.35	0	0	0.02	0
K12	2. KAT	0	-0.35	0	0	-0.02	0	0	0.35	0	0	0.02	0
K13	2. KAT	0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K14	2. KAT	0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K15	2. KAT	0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K16	2. KAT	0	0	0	0	-0.02	0	0	0	0	0	0.02	0
K17	2. KAT	0	-0.31	0	0	-0.01	0	0	0.31	0	0	0.01	0
K18	2. KAT	0	0.35	0	0	-0.01	0	0	-0.35	0	0	0.01	0
P01	2. KAT	-0.01	-10.04	0	41	-0.03	0	0.01	10.04	0	-13.89	0	0
P02	2. KAT	0.01	-10.04	0	41	0.03	0	-0.01	10.04	0	-13.89	0	0
P03	2. KAT	-0.01	-7.97	0	32.19	-0.03	0	0.01	7.97	0	-10.67	0	0
P04	2. KAT	0.01	-7.97	0	32.19	0.03	0	-0.01	7.97	0	-10.67	0	0
S01	2. KAT	-0.02	-0.3	0	0.8	-0.04	-0.02	0.02	0.3	0	0	-0.01	0.02
S02	2. KAT	-0.02	-0.24	0	0.66	-0.04	-0.02	0.02	0.24	0	-0.01	-0.01	0.02
S03	2. KAT	-0.02	-0.18	0	0.52	-0.04	-0.02	0.02	0.18	0	-0.03	-0.01	0.02
S04	2. KAT	-0.16	-0.57	1.47	0.76	-0.3	-0.02	0.16	0.57	-1.47	0.77	-0.13	0.02
S05	2. KAT	-0.01	-0.33	0	0.78	-0.02	-0.02	0.01	0.33	0	0.13	0	0.02
S06	2. KAT	0.03	-0.51	1.36	0.68	-0.01	-0.02	-0.03	0.51	-1.36	0.69	0.08	0.02
S07	2. KAT	0	-0.91	0	1.22	0	-0.02	0	0.91	0	1.25	0	0.02
S08	2. KAT	0	-0.26	0	0.47	0	-0.02	0	0.26	0	0.24	0	0.02
S09	2. KAT	0	-0.83	-0.02	1.1	0	-0.02	0	0.83	0.02	1.14	0	0.02
S10	2. KAT	0.16	-0.57	-1.47	0.76	0.3	-0.02	-0.16	0.57	1.47	0.77	0.13	0.02
S11	2. KAT	0.01	-0.32	0	0.76	0.02	-0.02	-0.01	0.32	0	0.11	0	0.02
S12	2. KAT	-0.03	-0.51	-1.34	0.68	0.01	-0.02	0.03	0.51	1.34	0.7	-0.08	0.02
S13	2. KAT	0.02	-0.3	0	0.8	0.04	-0.02	-0.02	0.3	0	0	0.01	0.02
S14	2. KAT	0.02	-0.24	0	0.66	0.04	-0.02	-0.02	0.24	0	-0.02	0.01	0.02
S15	2. KAT	0.02	-0.18	0	0.52	0.04	-0.02	-0.02	0.18	0	-0.02	0.01	0.02
K01	1. KAT	0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K02	1. KAT	0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K03	1. KAT	0.05	0	0	0	0	0.14	-0.05	0	0	0	0	-0.14

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yüklemeler 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K06		0	0	0	0	0	-0.27	0	0	0	0	0	0.27
K07		-0.05	0	0	0	0	0.14	0.05	0	0	0	0	-0.14
K08		0.05	0	0	0	0	-0.12	-0.05	0	0	0	0	0.12
K09		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0.06	0	0	-0.02	0	0	-0.06	0	0	0.02	0
K12		0	-0.06	0	0	-0.02	0	0	0.06	0	0	0.02	0
K13		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K14		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K15		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K16		0	0	0	0	-0.01	0	0	0	0	0	0.01	0
K17		0	-0.06	0	0	0	0	0	0.06	0	0	0	0
K18		0	0.06	0	0	0	0	0	-0.06	0	0	0	0
P01		0.01	-9.94	0	67.84	0	0	-0.01	9.94	0	-41	0.03	0
P02		-0.01	-9.94	0	67.84	0	0	0.01	9.94	0	-41	-0.03	0
P03		0.01	-11.82	0	64.11	0	0	-0.01	11.82	0	-32.19	0.03	0
P04		-0.01	-11.82	0	64.11	0	0	0.01	11.82	0	-32.19	-0.03	0
S01		0	-0.49	0	2.12	-0.02	-0.01	0	0.49	0	-0.79	0.03	0.01
S02		0	-0.52	0	2.05	-0.02	-0.01	0	0.52	0	-0.66	0.03	0.01
S03		0.01	-0.54	0	1.99	-0.02	-0.01	-0.01	0.54	0	-0.53	0.04	0.01
S04		-0.18	-0.98	2.54	1.44	-0.27	-0.01	0.18	0.98	-2.54	1.22	-0.21	0.01
S05		0	-0.63	0	2.17	-0.01	-0.01	0	0.63	0	-0.48	0.02	0.01
S06		0.22	-0.97	2.39	1.4	0.14	-0.01	-0.22	0.97	-2.39	1.21	0.45	0.01
S07		0	-1.7	0	2.32	0	-0.01	0	1.7	0	2.27	0	0.01
S08		0	-0.2	0	0.48	0	0	0	0.2	0	0.06	0	0
S09		0	-1.66	-0.02	2.26	0	-0.01	0	1.66	0.02	2.23	0	0.01
S10		0.18	-0.98	-2.54	1.44	0.27	-0.01	-0.18	0.98	2.54	1.22	0.21	0.01
S11		0	-0.62	0	2.16	0.01	-0.01	0	0.62	0	-0.49	-0.02	0.01
S12		-0.22	-0.98	-2.36	1.41	-0.14	-0.01	0.22	0.98	2.36	1.23	-0.45	0.01
S13		0	-0.49	0	2.12	0.02	-0.01	0	0.49	0	-0.79	-0.03	0.01
S14		0	-0.52	0	2.05	0.02	-0.01	0	0.52	0	-0.66	-0.03	0.01
S15		-0.01	-0.54	0	1.99	0.02	-0.01	0.01	0.54	0	-0.53	-0.04	0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		-0.02	0	0	0	0	0.08	0.02	0	0	0	0	-0.08
K04		0.02	0	0	0	0	-0.09	-0.02	0	0	0	0	0.09
K05		0	0	0	0	0	0.15	0	0	0	0	0	-0.15
K06		0	0	0	0	0	-0.15	0	0	0	0	0	0.15
K07		0.02	0	0	0	0	0.08	-0.02	0	0	0	0	-0.08
K08		-0.01	0	0	0	0	-0.07	0.01	0	0	0	0	0.07
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	-0.02	0	0	0	0	0	0.02	0	0	0	0
K12		0	0.02	0	0	0	0	0	-0.02	0	0	0	0
K13		0	0	0	0	0	0	0	0	0	0	0	0
K14		0	0	0	0	0	0	0	0	0	0	0	0
K15		0	0	0	0	0	0	0	0	0	0	0	0
K16		0	0	0	0	0	0	0	0	0	0	0	0
K17		0	0.02	0	0	0	0	0	-0.02	0	0	0	0
K18		0	-0.02	0	0	0	0	0	0.02	0	0	0	0
P01		0	-12	0	100.25	0.01	0	0	12	0	-67.84	0	0
P02		0	-12	0	100.25	-0.01	0	0	12	0	-67.84	0	0
P03		0	-13.3	0	100.01	0.01	0	0	13.3	0	-64.11	0	0
P04		0	-13.3	0	100.01	-0.01	0	0	13.3	0	-64.11	0	0
S01		0.01	-0.89	0	4.51	0.02	0	-0.01	0.89	0	-2.12	0.02	0
S02		0.01	-0.93	0	4.56	0.02	0	-0.01	0.93	0	-2.05	0.02	0
S03		0.01	-0.97	0	4.62	0.02	0	-0.01	0.97	0	-1.99	0.02	0
S04		-0.01	-0.5	3.45	1.05	0.02	0	0.01	0.5	-3.45	0.29	-0.03	0
S05		0.01	-0.96	0	4.58	0.01	0	-0.01	0.96	0	-2	0.01	0
S06		0.09	-0.52	3.28	1.08	0.09	0	-0.09	0.52	-3.28	0.32	0.16	0
S07		0	-0.77	0	1.29	0	0	0	0.77	0	0.78	0	0
S08		0	-0.23	0	0.81	0	0	0	0.23	0	-0.18	0	0
S09		0	-0.78	-0.03	1.31	0	0	0	0.78	0.03	0.81	0	0
S10		0.01	-0.5	-3.45	1.05	-0.02	0	-0.01	0.5	3.45	0.29	0.03	0
S11		-0.01	-0.95	0	4.58	-0.01	0	0.01	0.95	0	-2	-0.01	0
S12		-0.09	-0.52	-3.26	1.08	-0.09	0	0.09	0.52	3.26	0.32	-0.16	0
S13		-0.01	-0.89	0	4.51	-0.02	0	0.01	0.89	0	-2.12	-0.02	0
S14		-0.01	-0.93	0	4.56	-0.02	0	0.01	0.93	0	-2.05	-0.02	0
S15		-0.01	-0.97	0	4.62	-0.02	0	0.01	0.97	0	-1.99	-0.02	0

Yüklemeler 5 G DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	-2.04	0	0.31	-0.52	0	0	-2.04	0	-0.31	-0.5
K02		0	0	-2.04	0	0.31	-0.5	0	0	-2.04	0	-0.31	-0.52

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yüklemeye 5 G DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K05		0	0	-2.56	0	1.02	0	0	0	-2.32	0	-0.58	0
K06		0	0	-2.32	0	0.58	-0.01	0	0	-2.56	0	-1.02	0.01
K07		-0.01	0	-2.57	0	1.03	-0.02	0.01	0	-2.31	0	-0.35	0.59
K08		0.01	0	-1.78	0	0.27	0.44	-0.01	0	-1.91	0	-0.76	0.01
K09		0	0	-2.04	0	0.31	0.52	0	0	-2.04	0	-0.31	0.5
K10		0	0	-1.38	0	0.21	0.33	0	0	-1.38	0	-0.21	0.35
K11		0	0.01	-1.29	0	-0.04	-0.52	0	-0.01	-1.2	0	-0.26	0.18
K12		0	-0.01	-1.2	0	-0.26	-0.18	0	0.01	-1.29	0	-0.04	0.52
K13		0	0	-1.29	0	0.01	-0.52	0	0	-1.18	0	-0.01	0.47
K14		0	0	-2.56	0	0.02	-1.02	0	0	-2.32	0	-0.02	0.58
K15		0	0	-2.32	0	0	-0.58	0	0	-2.56	0	0	1.02
K16		0	0	-1.51	0	0	-0.6	0	0	-1.73	0	0	0.69
K17		0	-0.01	-0.85	0	0.02	-0.34	0	0.01	-0.85	0	0.19	0.13
K18		0	0.01	-1.2	0	0.26	-0.18	0	-0.01	-1.29	0	0.04	0.52
P01		0	0.02	-8.64	-0.05	0.01	0	0	-0.02	8.64	0	0	0
P02		0	0.02	-8.64	-0.05	0.01	0	0	-0.02	8.64	0	0	0
P03		0	0.06	-8.64	-0.15	0.01	0	0	-0.06	8.64	0	0	0
P04		0	0.06	-8.64	-0.15	0.01	0	0	-0.06	8.64	0	0	0
S01		-0.17	0.03	-5.03	-0.08	-0.2	0	0.17	-0.03	5.03	-0.01	-0.25	0
S02		0	-0.13	-7.59	0.08	0	0	0	0.13	7.59	0.26	0	0
S03		0.17	0.03	-5.03	-0.08	0.2	0	-0.17	-0.03	5.03	-0.01	0.25	0
S04		-0.47	-0.09	-5.55	0.11	-0.53	0	0.47	0.09	5.55	0.14	-0.76	0
S05		0	-0.37	-10.47	0.32	0	0	0	0.37	10.47	0.69	0	0
S06		0.48	-0.08	-5.56	0.1	0.55	0	-0.48	0.08	5.56	0.13	0.75	0
S07		-0.57	0.01	-4.39	-0.01	-0.62	0	0.57	-0.01	4.39	-0.01	-0.91	0
S08		0.01	0	-11.07	0	0.01	0	-0.01	0	11.07	0	0.02	0
S09		0.57	-0.01	-4.35	0.02	0.65	0	-0.57	0.01	4.35	0.02	0.9	0
S10		-0.47	0.09	-5.54	-0.11	-0.52	0	0.47	-0.09	5.54	-0.14	-0.76	0
S11		0.04	0.23	-9.62	-0.17	0.05	0	-0.04	-0.23	9.62	-0.44	0.07	0
S12		0.38	0.04	-4.48	-0.05	0.44	0	-0.38	-0.04	4.48	-0.07	0.6	0
S13		-0.17	-0.03	-5.03	0.08	-0.2	0	0.17	0.03	5.03	0.01	-0.25	0
S14		0.05	0.15	-6.41	-0.11	0.06	0	-0.05	-0.15	6.41	-0.3	0.08	0
S15		0.12	-0.01	-3.85	0.04	0.15	0	-0.12	0.01	3.85	-0.01	0.18	0
K01	2. KAT	0	0	-2.04	0	0.31	-0.51	0	0	-2.04	0	-0.31	-0.51
K02		0	0	-2.04	0	0.31	-0.51	0	0	-2.04	0	-0.31	-0.51
K03		0.01	0	-2.57	0	1.03	0.02	-0.01	0	-2.31	0	-0.35	-0.59
K04		0	0	-2.31	0	0.35	-0.59	0	0	-2.57	0	-1.03	0.02
K05		0	0	-2.56	0	1.02	0	0	0	-2.32	0	-0.58	0
K06		0	0	-2.32	0	0.58	-0.01	0	0	-2.56	0	-1.02	0.01
K07		0	0	-2.57	0	1.03	-0.03	0	0	-2.31	0	-0.35	0.6
K08		0	0	-1.78	0	0.27	0.45	0	0	-1.91	0	-0.76	-0.01
K09		0	0	-2.04	0	0.31	0.51	0	0	-2.04	0	-0.31	0.51
K10		0	0	-1.38	0	0.21	0.34	0	0	-1.38	0	-0.21	0.35
K11		0	0.01	-1.29	0	-0.03	-0.52	0	-0.01	-1.2	0	-0.27	0.18
K12		0	-0.01	-1.2	0	-0.27	-0.18	0	0.01	-1.29	0	-0.03	0.52
K13		0	0	-1.29	0	0	-0.52	0	0	-1.18	0	0	0.47
K14		0	0	-2.56	0	0.01	-1.02	0	0	-2.32	0	-0.01	0.58
K15		0	0	-2.32	0	0	-0.58	0	0	-2.56	0	0	1.02
K16		0	0	-1.51	0	0	-0.6	0	0	-1.73	0	0	0.69
K17		0	-0.01	-0.85	0	0.01	-0.34	0	0.01	-0.85	0	0.2	0.13
K18		0	0.01	-1.2	0	0.27	-0.18	0	-0.01	-1.29	0	0.03	0.52
P01		0	0.03	-17.29	-0.14	0	0	0	-0.03	17.29	0.05	-0.01	0
P02		0	0.03	-17.29	-0.14	0	0	0	-0.03	17.29	0.05	-0.01	0
P03		0	0.05	-17.29	-0.3	0	0	0	-0.05	17.29	0.15	-0.01	0
P04		0	0.05	-17.29	-0.3	0	0	0	-0.05	17.29	0.15	-0.01	0
S01		-0.01	-0.13	-10.06	0.3	0.03	0	0.01	0.13	10.06	0.05	-0.07	0
S02		0	-0.29	-15.18	0.57	0	0	0	0.29	15.18	0.21	0	0
S03		0.01	-0.13	-10.06	0.3	-0.03	0	-0.01	0.13	10.06	0.05	0.06	0
S04		-0.04	-0.11	-11.06	0.17	0.09	0	0.04	0.11	11.06	0.12	-0.21	0
S05		0	-0.47	-20.94	0.87	0	0	0	0.47	20.94	0.4	0	0
S06		0.04	-0.11	-11.09	0.17	-0.08	0	-0.04	0.11	11.09	0.12	0.18	0
S07		-0.14	0	-8.87	-0.01	-0.07	0	0.14	0	8.87	-0.01	-0.31	0
S08		0	0	-22.13	0	0.01	0	0	0	22.13	0	-0.01	0
S09		0.14	-0.01	-8.77	0.01	0.1	0	-0.14	0.01	8.77	0.01	0.29	0
S10		-0.04	0.11	-11.05	-0.17	0.1	0	0.04	-0.11	11.05	-0.13	-0.21	0
S11		0.02	0.37	-19.24	-0.72	0.03	0	-0.02	-0.37	19.24	-0.29	0.02	0
S12		0.02	0.07	-8.93	-0.11	-0.08	0	-0.02	-0.07	8.93	-0.07	0.13	0
S13		-0.01	0.13	-10.06	-0.3	0.04	0	0.01	-0.13	10.06	-0.05	-0.07	0
S14		0.02	0.26	-12.82	-0.51	0.03	0	-0.02	-0.26	12.82	-0.2	0.03	0
S15		0.01	0.11	-7.7	-0.25	-0.03	0	-0.01	-0.11	7.7	-0.05	0.04	0
K01	1. KAT	0	0	-1.96	0	0.39	-0.7	0	0	-1.95	0	-0.39	-0.67
K02		0	0	-1.95	0	0.39	-0.67	0	0	-1.96	0	-0.39	-0.7
K03		0	0	-2.41	0	1.21	-0.12	0	0	-2.1	0	-0.42	-0.74
K04		0	0	-2.1	0	0.42	-0.74	0	0	-2.41	0	-1.21	-0.12
K05		0	0	-2.37	0	1.18	0	0	0	-2.14	0	-0.54	0

ELEMAN UÇ KUVVETLERİ (GLOBAL)

Yükleme 5 G DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K08		0	0	-1.62	0	0.32	0.56	0	0	-1.72	0	-0.86	0.09
K09		0	0	-1.96	0	0.39	0.69	0	0	-1.95	0	-0.39	0.67
K10		0	0	-1.32	0	0.26	0.45	0	0	-1.32	0	-0.26	0.47
K11		0	0	-1.13	0	-0.03	-0.57	0	0	-1.08	0	-0.4	0.22
K12		0	0	-1.08	0	-0.4	-0.22	0	0	-1.13	0	-0.03	0.57
K13		0	0	-1.15	0	0	-0.58	0	0	-1.08	0	0	0.54
K14		0	0	-2.37	0	0.01	-1.18	0	0	-2.14	0	-0.01	0.54
K15		0	0	-2.14	0	0	-0.54	0	0	-2.37	0	0	1.18
K16		0	0	-1.38	0	0	-0.69	0	0	-1.53	0	0	0.77
K17		0	0	-0.78	0	0.03	-0.39	0	0	-0.77	0	0.28	0.15
K18		0	0	-1.08	0	0.4	-0.22	0	0	-1.13	0	0.03	0.57
P01		0	0.1	-25.57	-0.41	0	0	0	-0.1	25.57	0.14	0	0
P02		0	0.1	-25.57	-0.41	0	0	0	-0.1	25.57	0.14	0	0
P03		0	0.07	-25.57	-0.49	0	0	0	-0.07	25.57	0.3	0	0
P04		0	0.07	-25.57	-0.49	0	0	0	-0.07	25.57	0.3	0	0
S01		0.03	-0.34	-16.06	0.15	-0.08	0	-0.03	0.34	16.06	0.76	0.15	0
S02		0	-0.7	-23.69	0.47	0	0	0	0.7	23.69	1.41	0	0
S03		-0.03	-0.34	-16.06	0.15	0.08	0	0.03	0.34	16.06	0.77	-0.15	0
S04		0	-0.26	-17.66	0.26	-0.3	0	0	0.26	17.66	0.45	0.3	0
S05		0	-1.06	-32	0.78	0	0	0	1.06	32	2.08	0	0
S06		-0.01	-0.26	-17.69	0.25	0.28	0	0.01	0.26	17.69	0.45	-0.32	0
S07		-0.22	0.01	-14.18	-0.01	-0.5	0	0.22	-0.01	14.18	-0.01	-0.09	0
S08		0	0	-32.48	0	0	0	0	0	32.48	0	0	0
S09		0.21	-0.01	-14.06	0.01	0.48	0	-0.21	0.01	14.06	0.01	0.08	0
S10		0	0.27	-17.63	-0.27	-0.3	0	0	-0.27	17.63	-0.46	0.29	0
S11		0.04	0.87	-29.51	-0.61	0.06	0	-0.04	-0.87	29.51	-1.73	0.06	0
S12		-0.05	0.18	-14.45	-0.17	0.18	0	0.05	-0.18	14.45	-0.31	-0.32	0
S13		0.03	0.35	-16.06	-0.19	-0.08	0	-0.03	-0.35	16.06	-0.76	0.15	0
S14		0.04	0.65	-20.12	-0.5	0.06	0	-0.04	-0.65	20.12	-1.26	0.06	0
S15		-0.02	0.29	-12.49	-0.18	0.06	0	0.02	-0.29	12.49	-0.61	-0.12	0
K01	ZEMİN KAT	0	0	-1.96	0	0.39	-0.69	0	0	-1.95	0	-0.39	-0.68
K02		0	0	-1.95	0	0.39	-0.68	0	0	-1.96	0	-0.39	-0.69
K03		0	0	-2.41	0	1.21	-0.11	0	0	-2.1	0	-0.42	-0.74
K04		0	0	-2.1	0	0.42	-0.74	0	0	-2.41	0	-1.21	-0.11
K05		0	0	-2.37	0	1.18	0	0	0	-2.14	0	-0.54	0
K06		0	0	-2.14	0	0.54	0	0	0	-2.37	0	-1.18	0
K07		0	0	-2.41	0	1.21	0.11	0	0	-2.1	0	-0.42	0.75
K08		0	0	-1.62	0	0.32	0.57	0	0	-1.72	0	-0.86	0.08
K09		0	0	-1.96	0	0.39	0.69	0	0	-1.95	0	-0.39	0.68
K10		0	0	-1.32	0	0.26	0.46	0	0	-1.32	0	-0.26	0.46
K11		0	0	-1.13	0	-0.07	-0.57	0	0	-1.08	0	-0.36	0.22
K12		0	0	-1.08	0	-0.36	-0.22	0	0	-1.13	0	-0.07	0.57
K13		0	0	-1.15	0	0	-0.58	0	0	-1.08	0	0	0.54
K14		0	0	-2.37	0	0	-1.18	0	0	-2.14	0	0	0.54
K15		0	0	-2.14	0	0	-0.54	0	0	-2.37	0	0	1.18
K16		0	0	-1.38	0	0	-0.69	0	0	-1.53	0	0	0.77
K17		0	0	-0.78	0	0.05	-0.39	0	0	-0.77	0	0.26	0.15
K18		0	0	-1.08	0	0.36	-0.22	0	0	-1.13	0	0.07	0.57
P01		0	0.03	-33.84	-0.48	0	0	0	-0.03	33.84	0.41	0	0
P02		0	0.03	-33.84	-0.48	0	0	0	-0.03	33.84	0.41	0	0
P03		0	-0.01	-33.84	-0.47	0	0	0	0.01	33.84	0.49	0	0
P04		0	-0.01	-33.84	-0.47	0	0	0	0.01	33.84	0.49	0	0
S01		-0.11	0.06	-22.06	-0.06	-0.09	0	0.11	-0.06	22.06	-0.11	-0.19	0
S02		0	0.01	-32.19	-0.02	0	0	0	-0.01	32.19	0	0	0
S03		0.11	0.06	-22.06	-0.06	0.1	0	-0.11	-0.06	22.06	-0.1	0.2	0
S04		-0.23	-0.03	-24.15	0.03	-0.16	0	0.23	0.03	24.15	0.06	-0.46	0
S05		0	-0.03	-43.05	0	0	0	0	0.03	43.05	0.07	0	0
S06		0.24	-0.03	-24.19	0.03	0.18	0	-0.24	0.03	24.19	0.06	0.48	0
S07		-0.26	0	-19.69	-0.01	-0.19	0	0.26	0	19.69	0	-0.53	0
S08		0	0	-42.83	0	0	0	0	0	42.83	0	0	0
S09		0.27	0	-19.55	0	0.2	0	-0.27	0	19.55	0.01	0.54	0
S10		-0.23	0.04	-24.11	-0.03	-0.17	0	0.23	-0.04	24.11	-0.06	-0.46	0
S11		0.02	-0.03	-39.78	0	0.02	0	-0.02	0.03	39.78	0.07	0.04	0
S12		0.18	0.01	-19.87	-0.01	0.13	0	-0.18	-0.01	19.87	-0.02	0.35	0
S13		-0.11	-0.06	-22.06	0.03	-0.09	0	0.11	0.06	22.06	0.14	-0.2	0
S14		0.02	0.01	-27.43	-0.02	0.02	0	-0.02	-0.01	27.43	0	0.03	0
S15		0.08	-0.04	-17.28	0.02	0.07	0	-0.08	0.04	17.28	0.1	0.15	0

Yükleme 6 Q DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	-0.3	0	0.04	-0.07	0	0	-0.3	0	-0.04	-0.07
K02		0	0	-0.3	0	0.04	-0.07	0	0	-0.3	0	-0.04	-0.07
K03		0.01	0	-0.62	0	0.25	0	-0.01	0	-0.5	0	-0.07	-0.12
K04		-0.01	0	-0.5	0	0.07	-0.12	0.01	0	-0.62	0	-0.25	0

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yüklemeler 6 Q DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K07		-0.01	0	-0.62	0	0.25	-0.01	0.01	0	-0.5	0	-0.07	0.13
K08		0	0	-0.26	0	0.04	0.06	0	0	-0.32	0	-0.13	0
K09		0	0	-0.3	0	0.04	0.07	0	0	-0.3	0	-0.04	0.07
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0.01	-0.2	0	0	-0.08	0	-0.01	-0.15	0	-0.04	0.02
K12		0	-0.01	-0.15	0	-0.04	-0.02	0	0.01	-0.2	0	0	0.08
K13		0	0	-0.2	0	0	-0.08	0	0	-0.15	0	0	0.06
K14		0	0	-0.63	0	0.01	-0.25	0	0	-0.52	0	-0.01	0.13
K15		0	0	-0.52	0	0	-0.13	0	0	-0.63	0	0	0.25
K16		0	0	-0.29	0	0	-0.12	0	0	-0.39	0	0	0.16
K17		0	-0.01	0	0	0	0	0.01	0	0	0	0	0
K18		0	0.01	-0.15	0	0.04	-0.02	0	-0.01	-0.2	0	0	0.08
P01		0	0.01	-0.65	-0.02	0	0	0	-0.01	0.65	0	0	0
P02		0	0.01	-0.65	-0.02	0	0	0	-0.01	0.65	0	0	0
P03		0	0.03	-0.65	-0.07	0	0	0	-0.03	0.65	0	0	0
P04		0	0.03	-0.65	-0.07	0	0	0	-0.03	0.65	0	0	0
S01		-0.02	0.01	-0.53	-0.01	-0.03	0	0.02	-0.01	0.53	-0.01	-0.04	0
S02		0	0.02	-1.05	-0.03	0	0	0	-0.02	1.05	-0.02	0	0
S03		0.02	0.01	-0.53	-0.02	0.03	0	-0.02	-0.01	0.53	-0.01	0.04	0
S04		-0.12	-0.01	-0.85	0.01	-0.13	0	0.12	0.01	0.85	0.02	-0.19	0
S05		0	-0.05	-2	0.04	0	0	0	0.05	2	0.09	0	0
S06		0.12	-0.01	-0.86	0.01	0.14	0	-0.12	0.01	0.86	0.01	0.19	0
S07		-0.14	0	-0.71	0	-0.14	0	0.14	0	0.71	0	-0.22	0
S08		0	0	-2.14	0	0.01	0	0	0	2.14	0	0.01	0
S09		0.14	-0.01	-0.69	0.01	0.16	0	-0.14	0.01	0.69	0.01	0.22	0
S10		-0.12	0.01	-0.85	-0.01	-0.13	0	0.12	-0.01	0.85	-0.02	-0.19	0
S11		0.02	-0.02	-1.62	0.03	0.02	0	-0.02	0.02	1.62	0.02	0.03	0
S12		0.08	-0.01	-0.37	0.01	0.09	0	-0.08	0.01	0.37	0.02	0.13	0
S13		-0.02	-0.01	-0.53	0.01	-0.03	0	0.02	0.01	0.53	0.01	-0.04	0
S14		0.02	-0.01	-0.53	0.01	0.03	0	-0.02	0.01	0.53	0.01	0.04	0
S15		0	0	0	0	0	0	0	0	0	0	0	0
K01	2. KAT	0	0	-0.3	0	0.04	-0.07	0	0	-0.3	0	-0.04	-0.07
K02		0	0	-0.3	0	0.04	-0.07	0	0	-0.3	0	-0.04	-0.07
K03		0	0	-0.62	0	0.25	0	0	0	-0.5	0	-0.07	-0.13
K04		0	0	-0.5	0	0.07	-0.13	0	0	-0.62	0	-0.25	0
K05		0	0	-0.63	0	0.25	0	0	0	-0.52	0	-0.13	0
K06		0	0	-0.52	0	0.13	0	0	0	-0.63	0	-0.25	0
K07		0	0	-0.62	0	0.25	-0.01	0	0	-0.5	0	-0.07	0.13
K08		0	0	-0.26	0	0.04	0.06	0	0	-0.32	0	-0.13	0
K09		0	0	-0.3	0	0.04	0.07	0	0	-0.3	0	-0.04	0.07
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.2	0	0	-0.08	0	0	-0.15	0	-0.04	0.02
K12		0	0	-0.15	0	-0.04	-0.02	0	0	-0.2	0	0	0.08
K13		0	0	-0.2	0	0	-0.08	0	0	-0.15	0	0	0.06
K14		0	0	-0.63	0	0	-0.25	0	0	-0.52	0	0	0.13
K15		0	0	-0.52	0	0	-0.13	0	0	-0.63	0	0	0.25
K16		0	0	-0.29	0	0	-0.12	0	0	-0.39	0	0	0.16
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.15	0	0.04	-0.02	0	0	-0.2	0	0	0.08
P01		0	0.01	-1.29	-0.06	0	0	0	-0.01	1.29	0.02	0	0
P02		0	0.01	-1.29	-0.06	0	0	0	-0.01	1.29	0.02	0	0
P03		0	0.02	-1.29	-0.13	0	0	0	-0.02	1.29	0.07	0	0
P04		0	0.02	-1.29	-0.13	0	0	0	-0.02	1.29	0.07	0	0
S01		0	-0.01	-1.05	0.03	0	0	0	0.01	1.05	0	-0.01	0
S02		0	-0.02	-2.1	0.05	0	0	0	0.02	2.1	0	0	0
S03		0	-0.01	-1.05	0.02	0	0	0	0.01	1.05	0	0.01	0
S04		-0.03	-0.01	-1.69	0.02	-0.01	0	0.03	0.01	1.69	0.02	-0.07	0
S05		0	-0.08	-3.99	0.15	0	0	0	0.08	3.99	0.06	0	0
S06		0.03	-0.01	-1.71	0.02	0.02	0	-0.03	0.01	1.71	0.01	0.05	0
S07		-0.04	0	-1.43	0	-0.03	0	0.04	0	1.43	0	-0.08	0
S08		0	0	-4.27	0	0	0	0	0	4.27	0	0	0
S09		0.04	0	-1.39	0	0.04	0	-0.04	0	1.39	0.01	0.07	0
S10		-0.03	0.02	-1.69	-0.03	-0.01	0	0.03	-0.02	1.69	-0.02	-0.07	0
S11		0.01	0.03	-3.23	-0.08	0.01	0	-0.01	-0.03	3.23	-0.01	0.01	0
S12		0.02	0	-0.75	0	0.02	0	-0.02	0	0.75	0.01	0.03	0
S13		0	0.01	-1.05	-0.03	0	0	0	-0.01	1.05	0	-0.01	0
S14		0.01	0.01	-1.05	-0.03	0.01	0	-0.01	-0.01	1.05	0	0.01	0
S15		0	0	0	0	0	0	0	0	0	0	0	0
K01	1. KAT	0	0	-0.28	0	0.06	-0.1	0	0	-0.28	0	-0.06	-0.1
K02		0	0	-0.28	0	0.06	-0.1	0	0	-0.28	0	-0.06	-0.1
K03		0	0	-0.59	0	0.3	-0.03	0	0	-0.45	0	-0.09	-0.16
K04		0	0	-0.45	0	0.09	-0.16	0	0	-0.59	0	-0.3	-0.03
K05		0	0	-0.58	0	0.29	0	0	0	-0.48	0	-0.12	0
K06		0	0	-0.48	0	0.12	0	0	0	-0.58	0	-0.29	0
K07		0	0	-0.59	0	0.3	0.03	0	0	-0.45	0	-0.09	0.16

ELEMAN UÇ KUVVETLERİ (GLOBAL)

Yüklemeler 6 Q DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.16	0	0	-0.08	0	0	-0.14	0	-0.05	0.03
K12		0	0	-0.14	0	-0.05	-0.03	0	0	-0.16	0	0	0.08
K13		0	0	-0.17	0	0	-0.08	0	0	-0.14	0	0	0.07
K14		0	0	-0.58	0	0	-0.29	0	0	-0.48	0	0	0.12
K15		0	0	-0.48	0	0	-0.12	0	0	-0.58	0	0	0.29
K16		0	0	-0.27	0	0	-0.14	0	0	-0.34	0	0	0.17
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.14	0	0.05	-0.03	0	0	-0.16	0	0	0.08
P01		0	0.05	-1.91	-0.18	0	0	0	-0.05	1.91	0.06	0	0
P02		0	0.05	-1.91	-0.18	0	0	0	-0.05	1.91	0.06	0	0
P03		0	0.03	-1.91	-0.22	0	0	0	-0.03	1.91	0.13	0	0
P04		0	0.03	-1.91	-0.22	0	0	0	-0.03	1.91	0.13	0	0
S01		0	-0.02	-1.59	0	-0.01	0	0	0.02	1.59	0.07	0.02	0
S02		0	-0.05	-3.17	0.01	0	0	0	0.05	3.17	0.13	0	0
S03		0	-0.02	-1.59	0	0.01	0	0	0.02	1.59	0.07	-0.02	0
S04		-0.04	-0.04	-2.58	0.03	-0.1	0	0.04	0.04	2.58	0.06	-0.02	0
S05		0	-0.17	-5.92	0.11	0	0	0	0.17	5.92	0.35	0	0
S06		0.04	-0.04	-2.59	0.03	0.09	0	-0.04	0.04	2.59	0.06	0.01	0
S07		-0.07	0	-2.16	-0.01	-0.12	0	0.07	0	2.16	-0.01	-0.06	0
S08		0	0	-6.23	0	0	0	0	0	6.23	0	0	0
S09		0.06	0	-2.11	0	0.11	0	-0.06	0	2.11	0	0.05	0
S10		-0.05	0.04	-2.56	-0.04	-0.1	0	0.05	-0.04	2.56	-0.07	-0.02	0
S11		0.02	0.09	-4.82	-0.03	0.02	0	-0.02	-0.09	4.82	-0.2	0.03	0
S12		0.02	0	-1.15	0	0.05	0	-0.02	0	1.15	0	0.01	0
S13		0	0.03	-1.59	-0.01	-0.01	0	0	-0.03	1.59	-0.07	0.02	0
S14		0.02	0.03	-1.58	-0.02	0.02	0	-0.02	-0.03	1.58	-0.06	0.03	0
S15		0	0	0	-0.01	0	0	0	0	0	0	0	0
K01	ZEMİN KAT	0	0	-0.28	0	0.06	-0.1	0	0	-0.28	0	-0.06	-0.1
K02		0	0	-0.28	0	0.06	-0.1	0	0	-0.28	0	-0.06	-0.1
K03		0	0	-0.59	0	0.3	-0.03	0	0	-0.45	0	-0.09	-0.16
K04		0	0	-0.45	0	0.09	-0.16	0	0	-0.59	0	-0.3	-0.03
K05		0	0	-0.58	0	0.29	0	0	0	-0.48	0	-0.12	0
K06		0	0	-0.48	0	0.12	0	0	0	-0.58	0	-0.29	0
K07		0	0	-0.59	0	0.3	0.03	0	0	-0.45	0	-0.09	0.16
K08		0	0	-0.24	0	0.05	0.08	0	0	-0.28	0	-0.14	0.01
K09		0	0	-0.28	0	0.06	0.1	0	0	-0.28	0	-0.06	0.1
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.16	0	-0.01	-0.08	0	0	-0.14	0	-0.05	0.03
K12		0	0	-0.14	0	-0.05	-0.03	0	0	-0.16	0	-0.01	0.08
K13		0	0	-0.17	0	0	-0.08	0	0	-0.14	0	0	0.07
K14		0	0	-0.58	0	0	-0.29	0	0	-0.48	0	0	0.12
K15		0	0	-0.48	0	0	-0.12	0	0	-0.58	0	0	0.29
K16		0	0	-0.27	0	0	-0.14	0	0	-0.34	0	0	0.17
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.14	0	0.05	-0.03	0	0	-0.16	0	0.01	0.08
P01		0	0.01	-2.53	-0.21	0	0	0	-0.01	2.53	0.18	0	0
P02		0	0.01	-2.53	-0.21	0	0	0	-0.01	2.53	0.18	0	0
P03		0	0	-2.53	-0.21	0	0	0	0	2.53	0.22	0	0
P04		0	0	-2.53	-0.21	0	0	0	0	2.53	0.22	0	0
S01		-0.01	0.01	-2.13	-0.01	-0.01	0	0.01	-0.01	2.13	-0.01	-0.02	0
S02		0	0.02	-4.23	-0.02	0	0	0	-0.02	4.23	-0.03	0	0
S03		0.01	0.01	-2.13	-0.01	0.01	0	-0.01	-0.01	2.13	-0.01	0.02	0
S04		-0.05	0	-3.45	0	-0.04	0	0.05	0	3.45	0.01	-0.1	0
S05		0	0.01	-7.85	-0.01	0	0	0	-0.01	7.85	0	0	0
S06		0.06	0	-3.46	0	0.04	0	-0.06	0	3.46	0.01	0.11	0
S07		-0.05	0	-2.92	0	-0.04	0	0.05	0	2.92	0	-0.11	0
S08		0	0	-8.18	0	0	0	0	0	8.18	0	0	0
S09		0.06	0	-2.86	0	0.04	0	-0.06	0	2.86	0	0.11	0
S10		-0.05	0	-3.43	-0.01	-0.04	0	0.05	0	3.43	-0.01	-0.11	0
S11		0.01	-0.03	-6.4	0.01	0.01	0	-0.01	0.03	6.4	0.07	0.02	0
S12		0.03	0	-1.54	0	0.02	0	-0.03	0	1.54	0.01	0.06	0
S13		-0.01	-0.01	-2.13	0	-0.01	0	0.01	0.01	2.13	0.03	-0.02	0
S14		0.01	-0.01	-2.12	0	0.01	0	-0.01	0.01	2.12	0.03	0.02	0
S15		0	0	0	-0.01	0	0	0	0	0	0.01	0	0

GÖRELİ KAT ÖTELEMELERİNİN SINIRLANDIRILMASI

1. Deprem Yükleme

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	18.45	11.43	7.03	18.24	11.32	6.92	18.24	11.32	6.92	18.45	11.43	7.03	2.7	7.03	1.82E-002
2. KAT	11.43	5.52	5.91	11.32	5.5	5.82	11.32	5.5	5.82	11.43	5.52	5.91	2.7	5.91	1.53E-002
1. KAT	5.52	1.58	3.94	5.5	1.58	3.92	5.5	1.58	3.92	5.52	1.58	3.94	2.7	3.94	1.02E-002
ZEMİN KAT	1.58	0	1.58	1.58	0	1.58	1.58	0	1.58	1.58	0	1.58	2.7	1.58	4.10E-003

2. Deprem Yükleme

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	18.24	11.32	6.92	18.45	11.43	7.03	18.45	11.43	7.03	18.24	11.32	6.92	2.7	7.03	1.82E-002
2. KAT	11.32	5.5	5.82	11.43	5.52	5.91	11.43	5.52	5.91	11.32	5.5	5.82	2.7	5.91	1.53E-002
1. KAT	5.5	1.58	3.92	5.52	1.58	3.94	5.52	1.58	3.94	5.5	1.58	3.92	2.7	3.94	1.02E-002
ZEMİN KAT	1.58	0	1.58	1.58	0	1.58	1.58	0	1.58	1.58	0	1.58	2.7	1.58	4.10E-003

3. Deprem Yükleme

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	1.13	0.76	0.36	1.13	0.76	0.36	1.2	0.8	0.4	1.2	0.8	0.4	2.7	0.4	1.04E-003
2. KAT	0.76	0.42	0.35	0.76	0.42	0.35	0.8	0.42	0.38	0.8	0.42	0.38	2.7	0.38	9.83E-004
1. KAT	0.42	0.13	0.28	0.42	0.13	0.28	0.42	0.13	0.29	0.42	0.13	0.29	2.7	0.29	7.48E-004
ZEMİN KAT	0.13	0	0.13	0.13	0	0.13	0.13	0	0.13	0.13	0	0.13	2.7	0.13	3.49E-004

4. Deprem Yükleme

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	1.2	0.8	0.4	1.2	0.8	0.4	1.13	0.76	0.36	1.13	0.76	0.36	2.7	0.4	1.04E-003
2. KAT	0.8	0.42	0.38	0.8	0.42	0.38	0.76	0.42	0.35	0.76	0.42	0.35	2.7	0.38	9.83E-004
1. KAT	0.42	0.13	0.29	0.42	0.13	0.29	0.42	0.13	0.28	0.42	0.13	0.28	2.7	0.29	7.48E-004
ZEMİN KAT	0.13	0	0.13	0.13	0	0.13	0.13	0	0.13	0.13	0	0.13	2.7	0.13	3.49E-004

2. MERTEBE ETKİLERİ

1. Deprem Yükleme

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	6.97	25.97	2.7	133.31	70.13	1.33E-002
2. KAT	5.86	45.49	2.7	266.62	122.81	1.27E-002
1. KAT	3.93	59.55	2.7	410.6	160.78	1.00E-002
ZEMİN KAT	1.58	66.58	2.7	554.58	179.78	4.88E-003

2. Deprem Yükleme

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	6.97	25.97	2.7	133.31	70.13	1.33E-002
2. KAT	5.86	45.49	2.7	266.62	122.81	1.27E-002
1. KAT	3.93	59.55	2.7	410.6	160.78	1.00E-002
ZEMİN KAT	1.58	66.58	2.7	554.58	179.78	4.88E-003

3. Deprem Yükleme

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	0.38	27.84	2.7	133.31	75.17	6.78E-004
2. KAT	0.36	48.77	2.7	266.62	131.67	7.36E-004
1. KAT	0.29	63.86	2.7	410.6	172.41	6.80E-004
ZEMİN KAT	0.13	71.41	2.7	554.58	192.79	3.85E-004

4. Deprem Yükleme

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	0.38	27.84	2.7	133.31	75.17	6.78E-004
2. KAT	0.36	48.77	2.7	266.62	131.67	7.36E-004
1. KAT	0.29	63.86	2.7	410.6	172.41	6.80E-004
ZEMİN KAT	0.13	71.41	2.7	554.58	192.79	3.85E-004

DÜZENSİZLİK DURUMLARI

A-Planda Düzensizlik Durumları

A1-Burulma Düzensizliği

Kat	(Di)max1(Di)min1 (Di)ort1	hbi1(Di)max2(Di)min2 (Di)ort2	hbi2(Di)max3(Di)min3 (Di)ort3	hbi3(Di)max4(Di)min4 (Di)ort4	hbi4
3. KAT	7.03 6.92 6.97	1.01 7.03 6.92 6.97	1.01 0.4 0.36 0.38	1.05 0.4 0.36 0.38	1.05

DÜZENSİZLİK DURUMLARI**A1-Burulma Düzensizliği**

Kat	(Di)max1(Di)min1 (Di)ort1	hbi1(Di)max2(Di)min2 (Di)ort2	hbi2(Di)max3(Di)min3 (Di)ort3	hbi3(Di)max4(Di)min4 (Di)ort4	hbi4
ZEMİN KAT	1.58 1.58 1.58	1 1.58 1.58 1.58	1 0.13 0.13 0.13	1.01 0.13 0.13 0.13	1.01

B-Düşey Doğrultuda Düzensizlik Durumları**B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - X**

Kat	āAw(i+1)	āAg(i+1)	āAk(i+1)	āAe(i+1)	āAw(i)	āAg(i)	āAk(i)	āAe(i)	hci
2. KAT	3.61	0	3.64	4.16	3.61	0	3.42	4.12	0.99
1. KAT	3.61	0	3.42	4.12	5.85	0	3.42	6.36	1.54
ZEMİN KAT	5.85	0	3.42	6.36	5.85	0	3.42	6.36	1

B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - Y

Kat	āAw(i+1)	āAg(i+1)	āAk(i+1)	āAe(i+1)	āAw(i)	āAg(i)	āAk(i)	āAe(i)	hci
2. KAT	3.61	4.26	2.15	8.19	3.61	4.26	1.97	8.17	1
1. KAT	3.61	4.26	1.97	8.17	5.85	4.08	1.97	10.23	1.25
ZEMİN KAT	5.85	4.08	1.97	10.23	5.85	4.08	1.97	10.23	1

B2-Komşu Katlar Arası Rijitlik Düzensizliği (Yumuşak Kat)

Kat	(Di/hi)1	(Di+1/hi+1)1	hki1(+/-)	(Di/hi)2	(Di+1/hi+1)2	hki2(+/-)	(Di/hi)3	(Di+1/hi+1)3	hki3(+/-)	(Di/hi)4	(Di+1/hi+1)4	hki4(+/-)
3. KAT	2.58		-1.19	2.58		-1.19	0.14		-1.05	0.14		-1.05
2. KAT	2.17	2.58	0.84/1.49	2.17	2.58	0.84/1.49	0.13	0.14	0.95/1.27	0.13	0.14	0.95/1.27
1. KAT	1.45	2.17	0.67/2.48	1.45	2.17	0.67/2.48	0.11	0.13	0.79/2.13	0.11	0.13	0.79/2.13
ZEMİN KAT	0.59	1.45	0.40/-	0.59	1.45	0.40/-	0.05	0.11	0.47/-	0.05	0.11	0.47/-

B3-Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliği

TAŞIYICI SİSTEMİN DÜŞEY ELEMANLARINDA SÜREKSİZLİK BULUNMAMAKTADIR.

2.7.5. ELEMEN ASAL EKSEN DOĞRULTULARINDAKİ İÇ KUVVETLER**Yüklemeler 1 (X YÖNÜ + 0.05) E1 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	2.98	-1.85	0	5	8.05	0	-2.98	1.85	0	0	0	0
S01		0.02	-0.36	0	0.92	0.01	-0.04	-0.02	0.36	0	0.05	0.04	0.04
S02		0	-0.35	0	0.91	0.01	-0.04	0	0.35	0	0.04	0	0.04
P02		2.98	-1.85	0	5	8.05	0	-2.98	1.85	0	0	0	0
P03		-2.98	-1.85	0	5	-8.05	0	2.98	1.85	0	0	0	0
S03		-0.02	-0.36	0	0.92	-0.01	-0.04	0.02	0.36	0	0.05	-0.04	0.04
S04		-2.54	-0.33	0.04	0.43	-6.7	-0.04	2.54	0.33	-0.04	0.46	-0.16	0.04
P04		-2.98	-1.85	0	5	-8.05	0	2.98	1.85	0	0	0	0
S05		0.11	-0.35	0	0.92	0.11	-0.04	-0.11	0.35	0	0.01	0.18	0.04
S06		-2.54	0.33	-0.04	-0.43	-6.7	-0.04	2.54	-0.33	0.04	-0.46	-0.16	0.04
S07		-2.46	-0.49	-0.01	0.64	-6.62	-0.04	2.46	0.49	0.01	0.67	-0.01	0.04
S08		-0.15	-1.17	0	3.1	-0.16	-0.04	0.15	1.17	0	0.06	-0.24	0.04
S09		-2.46	0.48	0.01	-0.64	-6.62	-0.04	2.46	-0.48	-0.01	-0.67	-0.01	0.04
S10		-2.42	-0.33	-0.05	0.43	-6.58	-0.04	2.42	0.33	0.05	0.47	0.16	0.04
S11		-0.1	-0.34	0	0.92	-0.1	-0.04	0.1	0.34	0	0	-0.17	0.04
S12		-2.42	0.33	0.05	-0.43	-6.58	-0.04	2.42	-0.33	-0.05	-0.47	0.16	0.04
S13		0.02	-0.33	0	0.89	0.01	-0.04	-0.02	0.33	0	-0.02	0.04	0.04
S14		-0.01	-0.32	0	0.87	-0.01	-0.04	0.01	0.32	0	-0.03	-0.01	0.04
S15		-0.01	-0.33	0	0.88	-0.01	-0.04	0.01	0.33	0	-0.02	-0.03	0.04
P01	2. KAT	5.57	-1.5	0	9.04	23.1	0	-5.57	1.5	0	-5	-8.05	0
S01		0.22	-0.88	-0.01	3.19	0.56	-0.03	-0.22	0.88	0.01	-0.83	0.03	0.03
S02		0.08	-0.87	0	3.17	0.23	-0.03	-0.08	0.87	0	-0.83	0	0.03
P02		5.57	-1.45	0	8.92	23.1	0	-5.57	1.45	0	-5	-8.05	0
P03		-5.57	-1.5	0	9.04	-23.09	0	5.57	1.5	0	-5	8.05	0
S03		-0.22	-0.88	0.01	3.19	-0.56	-0.03	0.22	0.88	-0.01	-0.83	-0.03	0.03
S04		-5.5	-0.26	0.11	0.35	-21.38	-0.03	5.5	0.26	-0.11	0.34	6.62	0.03
P04		-5.57	-1.45	0	8.92	-23.09	0	5.57	1.45	0	-5	8.05	0
S05		0.12	-0.82	0	3.06	0.27	-0.03	-0.12	0.82	0	-0.85	0.04	0.03
S06		-5.5	0.26	-0.11	-0.35	-21.38	-0.03	5.5	-0.26	0.11	-0.34	6.62	0.03
S07		-5.32	-0.4	-0.01	0.54	-20.98	-0.03	5.32	0.4	0.01	0.55	6.61	0.03
S08		-0.09	-1.14	0	6.3	-0.16	-0.04	0.09	1.14	0	-3.23	-0.08	0.04
S09		-5.32	0.4	0.01	-0.54	-20.98	-0.03	5.32	-0.4	-0.01	-0.55	6.61	0.03
S10		-5.23	-0.26	-0.13	0.35	-20.77	-0.03	5.23	0.26	0.13	0.34	6.74	0.03
S11		-0.11	-0.79	0	2.98	-0.27	-0.03	0.11	0.79	0	-0.86	-0.04	0.03
S12		-5.23	0.26	0.13	-0.36	-20.77	-0.03	5.23	-0.26	-0.13	-0.35	6.73	0.03
S13		0.22	-0.8	-0.01	3.02	0.56	-0.03	-0.22	0.8	0.01	-0.87	0.03	0.03
S14		-0.09	-0.79	0	3.01	-0.23	-0.03	0.09	0.79	0	-0.88	-0.01	0.03
S15		-0.21	-0.8	0.01	3.02	-0.56	-0.03	0.21	0.8	-0.01	-0.87	-0.03	0.03
P01	1. KAT	-5.99	0.15	0	8.63	27.25	0	5.99	-0.15	0	-9.04	-23.1	0

DÜZENSİZLİK DURUMLARI

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P02		-5.99	0.11	0	8.61	27.25	0	5.99	-0.11	0	-8.92	-23.1	0
P03		6	0.15	0	8.63	-27.25	0	-6	-0.15	0	-9.04	23.09	0
S03		0.24	-1.42	0.01	6.97	-0.86	-0.02	-0.24	1.42	-0.01	-3.16	0.54	0.02
S04		-8.16	-0.36	0.15	0.53	-43.14	-0.02	8.16	0.36	-0.15	0.43	21.36	0.02
P04		6	0.11	0	8.61	-27.25	0	-6	-0.11	0	-8.92	23.09	0
S05		-0.22	-1.31	0	6.88	0.75	-0.02	0.22	1.31	0	-3.36	-0.16	0.02
S06		-8.16	0.36	-0.15	-0.53	-43.14	-0.02	8.16	-0.36	0.15	-0.43	21.36	0.02
S07		-8.14	-0.62	-0.02	0.85	-42.94	-0.02	8.14	0.62	0.02	0.83	20.97	0.02
S08		-0.07	-0.17	0	6.01	0.17	-0.01	0.07	0.17	0	-5.56	-0.02	0.01
S09		-8.14	0.62	0.02	-0.85	-42.94	-0.02	8.14	-0.62	-0.02	-0.83	20.97	0.02
S10		-8.24	-0.36	-0.18	0.53	-42.87	-0.02	8.24	0.36	0.18	0.43	20.89	0.02
S11		-0.21	-1.32	0	6.84	-0.75	-0.02	0.21	1.32	0	-3.29	-0.17	0.02
S12		-8.24	0.36	0.17	-0.54	-42.88	-0.02	8.24	-0.36	-0.17	-0.43	20.89	0.02
S13		-0.24	-1.44	-0.01	6.89	0.86	-0.02	0.24	1.44	0.01	-3.02	-0.54	0.02
S14		-0.18	-1.41	0	6.86	-0.71	-0.02	0.18	1.41	0	-3.05	-0.23	0.02
S15		0.24	-1.44	0.01	6.89	-0.86	-0.02	-0.24	1.44	-0.01	-3.02	0.54	0.02
S01	ZEMİN KAT	-0.42	-1.28	-0.02	10.32	-1.7	0	0.42	1.28	0.02	-6.89	-0.86	0
P01		-5.91	-2.53	0	15.46	34.93	0	5.91	2.53	0	-8.63	-27.25	0
P02		-5.91	-2.55	0	15.48	34.93	0	5.91	2.55	0	-8.61	-27.25	0
S02		-0.32	-1.26	0	10.31	1.58	0	0.32	1.26	0	-6.91	-0.71	0
S03		0.42	-1.28	0.02	10.32	1.7	0	-0.42	1.28	-0.02	-6.89	0.86	0
P03		5.91	-2.53	0	15.46	-34.93	0	-5.91	2.53	0	-8.63	27.25	0
P04		5.91	-2.55	0	15.48	-34.93	0	-5.91	2.55	0	-8.61	27.25	0
S04		-7.35	0.2	0.15	-0.39	-62.89	0	7.35	-0.2	-0.15	-0.14	43.16	0
S05		-0.33	-1.32	0	10.36	1.59	0	0.33	1.32	0	-6.81	-0.69	0
S06		-7.35	-0.2	-0.15	0.39	-62.89	0	7.35	0.2	0.15	0.14	43.16	0
S07		-7.42	0.29	-0.02	-0.48	-62.98	0	7.42	-0.29	0.02	-0.31	42.94	0
S08		-0.08	-1.55	0	10.33	0.28	0	0.08	1.55	0	-6.15	-0.06	0
S09		-7.42	-0.29	0.02	0.48	-62.98	0	7.42	0.29	-0.02	0.31	42.94	0
S10		-7.52	0.2	-0.18	-0.39	-63.11	0	7.52	-0.2	0.18	-0.14	42.9	0
S11		0.33	-1.35	0	10.4	1.59	0	-0.33	1.35	0	-6.77	0.69	0
S12		-7.53	-0.2	0.18	0.39	-63.11	0	7.53	0.2	-0.18	0.14	42.9	0
S13		-0.42	-1.33	-0.02	10.39	-1.7	0	0.42	1.33	0.02	-6.81	-0.86	0
S14		0.32	-1.32	0	10.38	1.58	0	-0.32	1.32	0	-6.84	0.71	0
S15		0.42	-1.33	0.01	10.39	1.7	0	-0.42	1.33	-0.01	-6.82	0.86	0

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	-2.99	-1.85	0	5	-8.06	0	2.99	1.85	0	0	0	0
S01		-0.02	-0.33	0	0.89	-0.02	0.04	0.02	0.33	0	-0.02	-0.04	-0.04
S02		0	-0.32	0	0.87	-0.01	0.04	0	0.32	0	-0.03	0	-0.04
P02		-2.99	-1.85	0	5	-8.06	0	2.99	1.85	0	0	0	0
P03		2.98	-1.85	0	5	8.05	0	-2.98	1.85	0	0	0	0
S03		0.02	-0.33	0	0.89	0.02	0.04	-0.02	0.33	0	-0.02	0.04	-0.04
S04		-2.42	0.33	-0.05	-0.43	-6.58	0.04	2.42	-0.33	0.05	-0.47	0.16	-0.04
P04		2.98	-1.85	0	5	8.05	0	-2.98	1.85	0	0	0	0
S05		-0.11	-0.34	0	0.93	-0.11	0.04	0.11	0.34	0	0.01	-0.18	-0.04
S06		-2.42	-0.33	0.05	0.43	-6.58	0.04	2.42	0.33	-0.05	0.47	0.16	-0.04
S07		-2.46	0.49	-0.01	-0.64	-6.62	0.04	2.46	-0.49	0.01	-0.67	-0.01	-0.04
S08		0.15	-1.17	0	3.1	0.16	0.04	-0.15	1.17	0	0.07	0.24	-0.04
S09		-2.46	-0.48	0.01	0.64	-6.62	0.04	2.46	0.48	-0.01	0.67	-0.01	-0.04
S10		-2.54	0.33	0.04	-0.43	-6.7	0.04	2.54	-0.33	-0.04	-0.46	-0.16	-0.04
S11		0.1	-0.35	0	0.93	0.1	0.04	-0.1	0.35	0	0.02	0.17	-0.04
S12		-2.55	-0.33	-0.04	0.43	-6.71	0.04	2.55	0.33	0.04	0.47	-0.17	-0.04
S13		-0.02	-0.36	0	0.92	-0.01	0.04	0.02	0.36	0	0.05	-0.04	-0.04
S14		0.01	-0.35	0	0.9	0.01	0.04	-0.01	0.35	0	0.04	0.01	-0.04
S15		0.01	-0.35	0	0.91	0.01	0.04	-0.01	0.35	0	0.04	0.03	-0.04
P01	2. KAT	-5.58	-1.45	0	8.92	-23.11	0	5.58	1.45	0	-5	8.06	0
S01		-0.22	-0.8	-0.01	3.02	-0.56	0.03	0.22	0.8	0.01	-0.87	-0.03	-0.03
S02		-0.08	-0.79	0	3.01	-0.23	0.03	0.08	0.79	0	-0.88	0	-0.03
P02		-5.58	-1.5	0	9.04	-23.11	0	5.58	1.5	0	-5	8.06	0
P03		5.57	-1.45	0	8.92	23.11	0	-5.57	1.45	0	-5	-8.05	0
S03		0.22	-0.8	0.01	3.02	0.56	0.03	-0.22	0.8	-0.01	-0.87	0.03	-0.03
S04		-5.23	0.26	-0.13	-0.35	-20.77	0.03	5.23	-0.26	0.13	-0.34	6.74	-0.03
P04		5.57	-1.5	0	9.04	23.11	0	-5.57	1.5	0	-5	-8.05	0
S05		-0.12	-0.79	0	2.98	-0.27	0.03	0.12	0.79	0	-0.85	0.04	-0.03
S06		-5.23	-0.26	0.13	0.35	-20.77	0.03	5.23	0.26	-0.13	0.34	6.74	-0.03
S07		-5.32	0.4	-0.01	-0.54	-20.98	0.03	5.32	-0.4	0.01	-0.55	6.61	-0.03
S08		0.09	-1.14	0	6.3	0.16	0.04	-0.09	1.14	0	-3.23	0.08	-0.04
S09		-5.32	-0.4	0.02	0.54	-20.98	0.03	5.32	0.4	-0.02	0.55	6.61	-0.03
S10		-5.5	0.26	0.11	-0.35	-21.38	0.03	5.5	-0.26	-0.11	-0.34	6.62	-0.03
S11		0.11	-0.82	0	3.06	0.27	0.03	-0.11	0.82	0	-0.84	0.04	-0.03
S12		-5.5	-0.26	-0.11	0.36	-21.38	0.03	5.5	0.26	0.11	0.35	6.61	-0.03
S13		-0.22	-0.88	-0.01	3.19	-0.56	0.03	0.22	0.88	0.01	-0.83	-0.03	-0.03

DÜZENSİZLİK DURUMLARI**Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	1. KAT	6	0.11	0	8.61	-27.26	0	-6	-0.11	0	-8.92	23.11	0
S01		0.24	-1.44	-0.01	6.89	-0.86	0.02	-0.24	1.44	0.01	-3.02	0.54	-0.02
S02		-0.18	-1.41	0	6.86	-0.71	0.02	0.18	1.41	0	-3.06	0.23	-0.02
P02		6	0.15	0	8.63	-27.26	0	-6	-0.15	0	-9.04	23.11	0
P03		-6	0.11	0	8.61	27.25	0	6	-0.11	0	-8.92	-23.11	0
S03		-0.24	-1.44	0.01	6.89	0.86	0.02	0.24	1.44	-0.01	-3.02	-0.54	-0.02
S04		-8.24	0.36	-0.18	-0.53	-42.87	0.02	8.24	-0.36	0.18	-0.43	20.89	-0.02
P04		-6	0.15	0	8.63	27.25	0	6	-0.15	0	-9.04	-23.11	0
S05		-0.22	-1.32	0	6.84	-0.75	0.02	0.22	1.32	0	-3.28	0.16	-0.02
S06		-8.24	-0.36	0.18	0.53	-42.87	0.02	8.24	0.36	-0.18	0.43	20.89	-0.02
S07		-8.14	0.62	-0.02	-0.85	-42.94	0.02	8.14	-0.62	0.02	-0.83	20.97	-0.02
S08		-0.07	-0.17	0	6.01	-0.17	0.01	0.07	0.17	0	-5.56	0.02	-0.01
S09		-8.14	-0.62	0.02	0.85	-42.94	0.02	8.14	0.62	-0.02	0.83	20.97	-0.02
S10		-8.16	0.36	0.15	-0.53	-43.14	0.02	8.16	-0.36	-0.15	-0.43	21.36	-0.02
S11		0.21	-1.3	0	6.88	0.75	0.02	-0.21	1.3	0	-3.37	0.17	-0.02
S12		-8.17	-0.36	-0.15	0.54	-43.15	0.02	8.17	0.36	0.15	0.43	21.36	-0.02
S13		0.24	-1.42	-0.01	6.97	-0.86	0.02	-0.24	1.42	0.01	-3.16	0.54	-0.02
S14		0.18	-1.39	0	6.94	0.71	0.02	-0.18	1.39	0	-3.19	0.23	-0.02
S15		-0.24	-1.41	0.01	6.96	0.86	0.02	0.24	1.41	-0.01	-3.16	-0.54	-0.02
S01	ZEMİN KAT	0.42	-1.33	-0.02	10.39	1.7	0	-0.42	1.33	0.02	-6.81	0.86	0
P01		5.91	-2.55	0	15.48	-34.94	0	-5.91	2.55	0	-8.61	27.26	0
P02		5.91	-2.53	0	15.46	-34.94	0	-5.91	2.53	0	-8.63	27.26	0
S02		0.32	-1.32	0	10.38	-1.58	0	-0.32	1.32	0	-6.84	0.71	0
S03		-0.42	-1.33	0.02	10.39	-1.7	0	0.42	1.33	-0.02	-6.81	-0.86	0
P03		-5.91	-2.55	0	15.48	34.93	0	5.91	2.55	0	-8.61	-27.25	0
P04		-5.91	-2.53	0	15.46	34.93	0	5.91	2.53	0	-8.63	-27.25	0
S04		-7.52	-0.2	-0.18	0.39	-63.11	0	7.52	0.2	0.18	0.14	42.9	0
S05		0.33	-1.35	0	10.4	-1.59	0	-0.33	1.35	0	-6.77	0.69	0
S06		-7.52	0.2	0.18	-0.39	-63.11	0	7.52	-0.2	-0.18	-0.14	42.9	0
S07		-7.42	-0.29	-0.02	0.48	-62.98	0	7.42	0.29	0.02	0.31	42.94	0
S08		-0.08	-1.55	0	10.33	-0.28	0	0.08	1.55	0	-6.15	-0.06	0
S09		-7.42	0.29	0.02	-0.48	-62.98	0	7.42	-0.29	-0.02	-0.31	42.94	0
S10		-7.35	-0.2	0.15	0.39	-62.89	0	7.35	0.2	-0.15	0.14	43.16	0
S11		-0.33	-1.32	0	10.37	-1.59	0	0.33	1.32	0	-6.81	0.69	0
S12		-7.35	0.2	-0.15	-0.39	-62.9	0	7.35	-0.2	0.15	-0.14	43.16	0
S13		0.42	-1.28	-0.02	10.32	1.7	0	-0.42	1.28	0.02	-6.89	0.86	0
S14		-0.32	-1.26	0	10.31	-1.58	0	0.32	1.26	0	-6.92	-0.71	0
S15		-0.42	-1.27	0.01	10.32	-1.7	0	0.42	1.27	-0.01	-6.9	-0.86	0

Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	4.93	-0.56	0	1.5	13.3	0	-4.93	0.56	0	0	0	0
S01		-0.01	0.11	0	-0.28	0.01	0.02	0.01	-0.11	0	-0.03	-0.03	-0.02
S02		0.01	0.12	0	-0.28	0.02	0.02	-0.01	-0.12	0	-0.03	0	-0.02
P02		4.93	0.56	0	-1.5	13.3	0	-4.93	-0.56	0	0	0	0
P03		6.29	-0.56	0	1.5	16.98	0	-6.29	0.56	0	0	0	0
S03		0.02	0.12	0	-0.29	0.02	0.02	-0.02	-0.12	0	-0.04	0.03	-0.02
S04		-0.81	-0.78	0.61	1.01	-2.07	0.02	0.81	0.78	-0.61	1.1	-0.11	-0.02
P04		6.29	0.56	0	-1.5	16.98	0	-6.29	-0.56	0	0	0	0
S05		0.37	0.1	0	0.28	0.38	0.02	-0.37	-0.1	0	-0.01	0.62	-0.02
S06		0.87	-0.87	0.67	1.12	2.14	0.02	-0.87	0.87	-0.67	1.22	0.22	-0.02
S07		-0.74	-1.18	0	1.55	-1.99	0.02	0.74	1.18	0	1.62	0	-0.02
S08		0.49	-0.35	0	0.93	0.54	0.02	-0.49	0.35	0	0.02	0.79	-0.02
S09		-0.74	-1.29	-0.01	1.71	-1.99	0.02	0.74	1.29	0.01	1.78	-0.01	-0.02
S10		0.81	-0.78	-0.62	1.01	2.07	0.02	-0.81	0.78	0.62	1.1	0.11	-0.02
S11		0.33	-0.11	0	0.28	0.34	0.02	-0.33	0.11	0	0.01	0.56	-0.02
S12		-0.88	-0.88	-0.65	1.14	-2.14	0.02	0.88	0.88	0.65	1.24	-0.23	-0.02
S13		-0.01	-0.11	0	0.28	0.01	0.02	0.01	0.11	0	0.03	-0.03	-0.02
S14		0.01	-0.11	0	0.28	0.02	0.02	-0.01	0.11	0	0.03	0.01	-0.02
S15		0.01	-0.11	0	0.28	0.02	0.02	-0.01	0.11	0	0.03	0.02	-0.02
P01	2. KAT	9.83	0.46	0	-2.75	39.83	0	-9.83	-0.46	0	-1.5	-13.3	0
S01		0.25	0.28	0	-0.99	0.69	0.02	-0.25	-0.28	0	-0.27	-0.04	-0.02
S02		0.28	0.28	0	-0.99	0.76	0.02	-0.28	-0.28	0	-0.27	-0.02	-0.02
P02		9.83	-0.46	0	2.75	39.83	0	-9.83	0.46	0	1.5	-13.3	0
P03		12.21	0.46	0	-2.75	49.96	0	-12.21	-0.46	0	-1.5	-16.98	0
S03		0.38	0.28	0	-1	1.01	0.02	-0.38	-0.28	0	-0.27	-0.01	-0.02
S04		-1.66	-0.6	1.56	0.81	6.39	0.02	1.66	0.6	-1.56	0.82	-2.1	-0.02
P04		12.21	-0.46	0	2.75	49.96	0	-12.21	0.46	0	1.5	-16.98	0
S05		0.38	0.25	0	-0.94	0.89	0.02	-0.38	-0.25	0	-0.26	0.14	-0.02
S06		1.82	-0.67	1.7	0.91	6.72	0.02	-1.82	0.67	-1.7	0.91	2.16	-0.02
S07		1.6	-0.98	0	1.31	-6.29	0.02	-1.6	0.98	0	1.35	1.98	-0.02
S08		0.3	-0.34	0	1.89	0.54	0.02	-0.3	0.34	0	0.97	0.27	-0.02
S09		-1.6	-1.08	-0.02	1.44	-6.29	0.02	1.6	1.08	0.02	1.48	-1.98	-0.02
S10		1.66	-0.6	-1.57	0.81	-6.39	0.02	-1.66	0.6	1.57	0.82	2.1	-0.02

DÜZENSİZLİK DURUMLARI**Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
S13		0.25	-0.28	0	0.99	0.69	0.02	-0.25	0.28	0	0.27	-0.04	-0.02
S14		0.28	-0.28	0	0.99	0.76	0.02	-0.28	0.28	0	0.27	-0.02	-0.02
S15		0.37	-0.28	0	1	1	0.02	-0.37	0.28	0	0.27	-0.01	-0.02
P01	1. KAT	14.21	-0.06	0	-2.59	75.11	0	-14.21	0.06	0	2.75	-39.83	0
S01		0.64	-0.44	0	-2.11	2.34	0.01	-0.64	0.44	0	0.99	-0.69	-0.01
S02		0.6	-0.43	0	-2.1	2.37	0.01	-0.6	0.43	0	0.99	-0.76	-0.01
P02		14.21	0.06	0	2.59	75.11	0	-14.21	-0.06	0	-2.75	-39.83	0
P03		12.05	-0.06	0	-2.59	79.39	0	-12.05	0.06	0	2.75	-49.96	0
S03		0.58	-0.43	0	-2.11	2.48	0.01	-0.58	0.43	0	0.97	-0.99	-0.01
S04		-2.7	-1.12	2.75	1.63	-13.07	0.01	2.7	1.12	-2.75	1.4	-6.88	-0.01
P04		12.05	0.06	0	2.59	79.39	0	-12.05	-0.06	0	-2.75	-49.96	0
S05		0.72	-0.4	0	-2.07	2.5	0.01	-0.72	0.4	0	1.03	-0.55	-0.01
S06		2.66	-1.14	2.94	1.67	13.23	0.01	-2.66	1.14	-2.94	1.41	6.61	-0.01
S07		-2.44	-1.93	0	2.63	-12.88	0.01	2.44	1.93	0	2.59	-6.29	-0.01
S08		0.23	-0.05	0	1.8	0.55	0	-0.23	0.05	0	1.67	0.07	0
S09		-2.44	-1.97	-0.03	2.69	-12.88	0.01	2.44	1.97	0.03	2.63	-6.29	-0.01
S10		2.7	-1.12	-2.75	1.63	13.07	0.01	-2.7	1.12	2.75	1.4	6.88	-0.01
S11		0.71	0.4	0	2.07	2.49	0.01	-0.71	-0.4	0	-1.03	-0.57	-0.01
S12		-2.66	-1.15	-2.91	1.68	-13.23	0.01	2.66	1.15	2.91	1.42	-6.61	-0.01
S13		0.64	0.44	0	2.11	2.34	0.01	-0.64	-0.44	0	-0.99	-0.69	-0.01
S14		0.6	0.43	0	2.1	2.37	0.01	-0.6	-0.43	0	-0.99	-0.76	-0.01
S15		0.58	0.43	0	2.11	2.48	0.01	-0.58	-0.43	0	-0.98	-1	-0.01
S01	ZEMİN KAT	1.15	-0.41	0	3.14	5.36	0	-1.15	0.41	0	2.09	-2.34	0
P01		15.73	-0.77	0	4.65	115.45	0	-15.73	0.77	0	2.59	-75.11	0
P02		15.73	0.77	0	-4.65	115.45	0	-15.73	-0.77	0	-2.59	-75.11	0
S02		1.07	-0.41	0	3.13	5.26	0	-1.07	0.41	0	2.09	-2.37	0
S03		1.05	-0.41	0	3.14	5.24	0	-1.05	0.41	0	2.09	-2.48	0
P03		14.24	-0.77	0	4.65	115.73	0	-14.24	0.77	0	2.59	-79.39	0
P04		14.24	0.77	0	-4.65	115.73	0	-14.24	-0.77	0	-2.59	-79.39	0
S04		-2.35	-0.6	3.79	1.25	-19.02	0	2.35	0.6	-3.79	0.37	-13.12	0
S05		1.1	-0.41	0	3.13	5.29	0	-1.1	0.41	0	2.05	-2.31	0
S06		2.26	-0.58	3.98	1.22	-18.94	0	-2.26	0.58	-3.98	0.34	12.97	0
S07		2.23	-0.91	0	1.52	18.89	0	-2.23	0.91	0	0.94	12.88	0
S08		0.27	0.46	0	-3.1	0.93	0	-0.27	-0.46	0	-1.84	-0.21	0
S09		2.23	-0.89	-0.03	1.49	18.89	0	-2.23	0.89	0.03	0.91	12.88	0
S10		2.35	-0.6	-3.79	1.25	19.02	0	-2.35	0.6	3.79	0.37	13.12	0
S11		1.1	0.41	0	-3.13	5.29	0	-1.1	-0.41	0	-2.05	-2.31	0
S12		-2.26	-0.58	-3.95	1.23	18.94	0	2.26	0.58	3.95	0.35	-12.97	0
S13		1.15	0.41	0	-3.14	5.36	0	-1.15	-0.41	0	-2.09	-2.34	0
S14		1.07	0.41	0	-3.13	5.26	0	-1.07	-0.41	0	-2.09	-2.37	0
S15		1.05	0.41	0	-3.14	5.24	0	-1.05	-0.41	0	-2.09	-2.48	0

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	6.3	0.56	0	-1.5	17	0	-6.3	-0.56	0	0	0	0
S01		0.02	-0.12	0	0.29	0.02	-0.02	-0.02	0.12	0	0.04	0.03	0.02
S02		0.01	-0.12	0	0.28	0.02	-0.02	-0.01	0.12	0	0.03	0	0.02
P02		6.3	-0.56	0	1.5	17	0	-6.3	0.56	0	0	0	0
P03		4.92	0.56	0	-1.5	13.29	0	-4.92	-0.56	0	0	0	0
S03		-0.01	-0.11	0	0.28	0.01	-0.02	0.01	0.11	0	0.03	-0.03	0.02
S04		-0.87	-0.87	0.66	1.12	-2.14	-0.02	0.87	0.87	-0.66	1.22	-0.22	0.02
P04		4.92	-0.56	0	1.5	13.29	0	-4.92	0.56	0	0	0	0
S05		0.37	-0.1	0	-0.28	0.38	-0.02	-0.37	0.1	0	0.01	0.62	0.02
S06		0.81	-0.78	0.62	1.01	2.07	-0.02	-0.81	0.78	-0.62	1.1	0.11	0.02
S07		-0.74	-1.3	0	1.71	-1.99	-0.02	0.74	1.3	0	1.79	0	0.02
S08		0.49	0.35	0	-0.93	0.54	-0.02	-0.49	-0.35	0	-0.02	0.79	0.02
S09		-0.74	-1.17	-0.02	1.55	-1.99	-0.02	0.74	1.17	0.02	1.62	-0.01	0.02
S10		0.87	-0.87	-0.66	1.12	2.14	-0.02	-0.87	0.87	0.66	1.22	0.22	0.02
S11		0.33	0.11	0	-0.28	0.34	-0.02	-0.33	-0.11	0	-0.01	0.56	0.02
S12		-0.81	-0.8	-0.6	1.03	-2.07	-0.02	0.81	0.8	0.6	1.12	-0.1	0.02
S13		0.02	0.12	0	-0.29	0.02	-0.02	-0.02	-0.12	0	-0.04	0.03	0.02
S14		0.01	0.11	0	-0.28	0.02	-0.02	-0.01	-0.11	0	-0.03	-0.01	0.02
S15		0	0.11	0	-0.28	0.02	-0.02	0	-0.11	0	-0.02	-0.02	0.02
P01	2. KAT	12.21	-0.46	0	2.75	49.98	0	-12.21	0.46	0	1.5	-17	0
S01		0.38	-0.28	0	1	1.01	-0.02	-0.38	0.28	0	0.27	-0.01	0.02
S02		0.28	-0.28	0	0.99	0.76	-0.02	-0.28	0.28	0	0.27	-0.02	0.02
P02		12.22	0.46	0	-2.75	49.98	0	-12.22	-0.46	0	-1.5	-17	0
P03		9.82	-0.46	0	2.75	39.81	0	-9.82	0.46	0	1.5	-13.29	0
S03		0.25	-0.28	0	0.99	0.69	-0.02	-0.25	0.28	0	0.27	-0.04	0.02
S04		-1.82	-0.67	1.7	0.91	-6.72	-0.02	1.82	0.67	-1.7	0.91	-2.16	0.02
P04		9.82	0.46	0	-2.75	39.81	0	-9.82	-0.46	0	-1.5	-13.29	0
S05		0.38	-0.25	0	0.94	0.89	-0.02	-0.38	0.25	0	0.26	0.14	0.02
S06		1.66	-0.6	1.57	0.81	-6.39	-0.02	-1.66	0.6	-1.57	0.82	2.1	0.02
S07		-1.6	-1.08	0	1.44	6.29	-0.02	1.6	1.08	0	1.48	-1.98	0.02

DÜZENSİZLİK DURUMLARI**Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
S10		1.82	-0.67	-1.7	0.91	6.72	-0.02	-1.82	0.67	1.7	0.91	2.16	0.02
S11		0.37	0.26	0	-0.94	0.88	-0.02	-0.37	-0.26	0	-0.26	0.13	0.02
S12		-1.66	-0.61	-1.54	0.82	6.39	-0.02	1.66	0.61	1.54	0.83	-2.09	0.02
S13		0.38	0.28	0	-1	1.01	-0.02	-0.38	-0.28	0	-0.27	-0.01	0.02
S14		0.28	0.28	0	-0.99	0.76	-0.02	-0.28	-0.28	0	-0.27	-0.02	0.02
S15		0.25	0.28	0	-0.99	0.69	-0.02	-0.25	-0.28	0	-0.27	-0.04	0.02
P01	1. KAT	12.04	0.06	0	2.59	79.4	0	-12.04	-0.06	0	-2.75	-49.98	0
S01		0.58	0.43	0	2.11	2.48	-0.01	-0.58	-0.43	0	-0.97	-1	0.01
S02		0.6	0.43	0	2.1	2.37	-0.01	-0.6	-0.43	0	-0.99	-0.76	0.01
P02		12.04	-0.06	0	-2.59	79.4	0	-12.04	0.06	0	2.75	-49.98	0
P03		14.21	0.06	0	2.59	75.1	0	-14.21	-0.06	0	-2.75	-39.81	0
S03		0.64	0.44	0	2.11	2.34	-0.01	-0.64	-0.44	0	-0.99	-0.69	0.01
S04		-2.66	-1.14	2.93	1.67	-13.23	-0.01	2.66	1.14	-2.93	1.41	-6.61	0.01
P04		14.21	-0.06	0	-2.59	75.1	0	-14.21	0.06	0	2.75	-39.81	0
S05		0.72	0.4	0	2.07	2.5	-0.01	-0.72	-0.4	0	-1.03	-0.55	0.01
S06		2.7	-1.12	2.75	1.63	13.07	-0.01	-2.7	1.12	-2.75	1.4	6.88	0.01
S07		-2.44	-1.97	0	2.69	12.88	-0.01	2.44	1.97	0	2.63	-6.29	0.01
S08		0.23	0.05	0	-1.8	0.55	0	-0.23	-0.05	0	-1.67	0.07	0
S09		-2.44	-1.93	-0.03	2.63	-12.88	-0.01	2.44	1.93	0.03	2.59	-6.29	0.01
S10		2.66	-1.14	-2.94	1.67	13.23	-0.01	-2.66	1.14	2.94	1.41	6.61	0.01
S11		0.71	-0.4	0	-2.07	2.49	-0.01	-0.71	0.4	0	1.03	-0.57	0.01
S12		-2.7	-1.13	-2.73	1.64	-13.08	-0.01	2.7	1.13	2.73	1.42	-6.88	0.01
S13		0.58	-0.43	0	-2.11	2.48	-0.01	-0.58	0.43	0	0.97	-1	0.01
S14		0.6	-0.43	0	-2.1	2.37	-0.01	-0.6	0.43	0	0.99	-0.76	0.01
S15		0.64	-0.44	0	-2.11	2.34	-0.01	-0.64	0.44	0	0.99	-0.69	0.01
S01	ZEMİN KAT	1.05	0.41	0	-3.14	5.24	0	-1.05	-0.41	0	-2.09	-2.48	0
P01		14.24	0.77	0	-4.65	115.73	0	-14.24	-0.77	0	-2.59	-79.4	0
P02		14.24	-0.77	0	4.65	115.73	0	-14.24	0.77	0	2.59	-79.4	0
S02		1.07	0.41	0	-3.13	5.27	0	-1.07	-0.41	0	-2.09	-2.37	0
S03		1.15	0.41	0	-3.14	5.36	0	-1.15	-0.41	0	-2.09	-2.34	0
P03		15.73	0.77	0	-4.65	115.45	0	-15.73	-0.77	0	-2.59	-75.1	0
P04		15.73	-0.77	0	4.65	115.45	0	-15.73	0.77	0	2.59	-75.1	0
S04		-2.25	-0.58	3.98	1.22	18.94	0	2.25	0.58	-3.98	0.34	-12.97	0
S05		1.1	0.41	0	-3.13	5.29	0	-1.1	-0.41	0	-2.05	-2.31	0
S06		2.35	-0.6	3.79	1.25	19.02	0	-2.35	0.6	-3.79	0.37	13.12	0
S07		2.23	-0.89	0	1.49	18.89	0	-2.23	0.89	0	0.91	12.88	0
S08		0.27	-0.46	0	3.1	0.93	0	-0.27	0.46	0	1.84	-0.21	0
S09		2.23	-0.91	-0.03	1.52	18.89	0	-2.23	0.91	0.03	0.94	12.88	0
S10		2.25	-0.58	-3.98	1.22	-18.94	0	-2.25	0.58	3.98	0.34	12.97	0
S11		1.1	-0.41	0	3.13	5.29	0	-1.1	0.41	0	2.05	-2.31	0
S12		-2.36	-0.6	-3.76	1.25	-19.03	0	2.36	0.6	3.76	0.38	-13.12	0
S13		1.05	-0.41	0	3.14	5.24	0	-1.05	0.41	0	2.09	-2.48	0
S14		1.07	-0.41	0	3.13	5.27	0	-1.07	0.41	0	2.09	-2.37	0
S15		1.15	-0.41	0	3.14	5.36	0	-1.15	0.41	0	2.09	-2.34	0

R KATSAYISININ SEÇİM NEDENİ**Kesme Kuvveti Kontrolü 1. Deprem Yüklemesi**

Kat	Pt	aT	aS
ZEMİN KAT	8.1002	53.1479	0.1524
Panel	Pt		
P02	2.03		
P01	2.02		
P04	2.03		
P03	2.02		

Kesme Kuvveti Kontrolü 2. Deprem Yüklemesi

Kat	Pt	aT	aS
ZEMİN KAT	8.1002	53.1479	0.1524
Panel	Pt		
P02	2.02		
P01	2.03		
P04	2.02		
P03	2.03		

R KATSAYISININ SEÇİM NEDENİ

Kesme Kuvveti Kontrolü 3. Deprem Yükleme

Kat	Pt	aT	aS
ZEMİN KAT	50.5928	61.8921	0.8174
Panel	Pt		
P02	13.29		
P01	13.29		
P04	12		
P03	12		

Kesme Kuvveti Kontrolü 4. Deprem Yükleme

Kat	Pt	aT	aS
ZEMİN KAT	50.5928	61.8921	0.8174
Panel	Pt		
P02	12		
P01	12		
P04	13.3		
P03	13.3		

Deprem Bölgesi	1
Bina Önem Katsayısı	1
Bina Toplam Yüksekliği	10.8
Girilen R katsayısı (X/Y)	6.99 / 6.99
Seçilen R katsayısı (X/Y)	6.99 / 6.99
Max α_s -X	0.1524
Max α_s -Y	0.8174
10 - 4 α_s -Y	6.73
1.25 (η ci)min (X/Y)	1.00 / 1.00

HESAP YÖNTEMİNİN SEÇİM NEDENİ

Deprem Bölgesi	1
Bina Toplam Yüksekliği	10.8
A1 Düzensizliği	Yok
η bi	1.05
B2 Düzensizliği	Var
η ki	2.48
Kullanılan Hesap Yöntemi	Dinamik

Vis/Vik ORANLARI

Kat	Vis1	Vik1	ai1	Vis2	Vik2	ai2	Vis3	Vik3	ai3	Vis4	Vik4	ai4
3. KAT	23.37	23.37	1	23.39	23.39	1	6.86	6.86	1	6.86	6.86	1
2. KAT	48	48	1	48	48	1	7.27	7.27	1	7.27	7.27	1
1. KAT	67.68	67.68	1	67.69	67.69	1	13.68	13.68	1	13.68	13.68	1
ZEMİN KAT	61.67	61.67	1	61.68	61.68	1	13.05	13.05	1	13.05	13.05	1

DÖŞEMELER

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ:	Taşıma Gücü	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI:	1.4
BETON KARAKTERİSTİK DAYANIMI(kg/cm2):	300	TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI:	1.6
BETON MALZEME KATSAYISI:	1.5	MAX DONATI ARALIĞI/DÖŞEME YÜKSEKLİĞİ:	1.5
BETON BASINÇ HESAP DAYANIMI (kg/cm2):	200	ÇİFT YÖNLÜ DÖŞEMELER ASAL DONATI MİN ORANI:	0.0025
PASPAYI (cm):	1.5	ÇİFT YÖNLÜ DÖŞEMELER DİĞER DONATI MİN ORANI:	0.0025
ÇELİK AKMA DAYANIMI (kg/cm2):	4200	TEK YÖNLÜ DÖŞEMELER ASAL DONATI MİN ORANI:	0.0025
ÇELİK MALZEME KATSAYISI:	1.15	TEK YÖNLÜ DÖŞEMELER DİĞER DONATI MİN ORANI:	0.0005
ÇELİK HESAP DAYANIMI (kg/cm2):	3652.17		

Döşeme Statik-Betonarme Sonuçları ve Donatıları

Aks	Kat	L	G	Q	d	MSI	AsI	iSI	MOr	AOr	ÜDzO	ADzO	Pilye	MSğ	ASğ	iSğ
D01	1Aks	3. KAT	3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.55	1.46	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.55	1.46	0.25	0.67	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.6	1.59	
	2Aks		3.55				-0.58	1.55	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D04	1Aks		3.55	450	200	0.12	-0.6	1.59	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.62	1.64	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.76	Ø8/36	Ø8/36	Ø8/36	-0.66	1.74	
	2Aks		3.55				-0.68	1.81	0.28	0.73	Ø8/36	Ø8/36	Ø8/36	-0.58	1.55	
D06	1Aks		3.55	450	200	0.12	-0.66	1.74	0.37	0.98	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.62	1.64	
D07	1Aks		3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				0	0	0.38	1.01	Ø8/36	Ø8/36	Ø8/36	-0.68	1.82	
D01	1Aks	2. KAT	3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.55	1.46	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.55	1.46	0.25	0.67	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.6	1.59	
	2Aks		3.55				-0.58	1.55	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D04	1Aks		3.55	450	200	0.12	-0.6	1.59	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.62	1.64	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.76	Ø8/36	Ø8/36	Ø8/36	-0.66	1.74	
	2Aks		3.55				-0.68	1.81	0.28	0.73	Ø8/36	Ø8/36	Ø8/36	-0.58	1.55	
D06	1Aks		3.55	450	200	0.12	-0.66	1.74	0.37	0.98	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.62	1.64	
D07	1Aks		3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				0	0	0.38	1.01	Ø8/36	Ø8/36	Ø8/36	-0.68	1.82	
D01	1Aks	1. KAT	3.55	450	200	0.12	-0.04	0.11	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.49	1.3	
	2Aks		2.7				-0.63	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.49	1.3	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.04	0.11	
	2Aks		2.7				-0.62	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.59	1.56	
	2Aks		3.55				-0.58	1.54	0.28	0.75	Ø8/36	Ø8/36	Ø8/36	-0.62	1.63	
D04	1Aks		3.55	450	200	0.12	-0.59	1.56	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.6	1.6	0.28	0.75	Ø8/36	Ø8/36	Ø8/36	-0.61	1.62	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.63	1.68	
	2Aks		3.55				-0.63	1.67	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.58	1.54	
D06	1Aks		3.55	450	200	0.12	-0.63	1.68	0.35	0.93	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.6	1.6	
D07	1Aks		3.55	450	200	0.12	-0.04	0.11	0.25	0.65	Ø8/36	Ø8/36	Ø8/36	-0.02	0.05	
	2Aks		2.7				0	0	0.33	0.86	Ø8/36	Ø8/36	Ø8/36	-0.64	1.71	
D01	1Aks	ZEMİN KAT	3.55	450	200	0.12	-0.04	0.11	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.49	1.3	
	2Aks		2.7				-0.63	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.49	1.3	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.04	0.11	
	2Aks		2.7				-0.62	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.59	1.56	
	2Aks		3.55				-0.58	1.53	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.61	1.63	
D04	1Aks		3.55	450	200	0.12	-0.59	1.56	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.6	1.59	0.28	0.75	Ø8/36	Ø8/36	Ø8/36	-0.61	1.63	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.63	1.68	
	2Aks		3.55				-0.63	1.68	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.58	1.53	
D06	1Aks		3.55	450	200	0.12	-0.63	1.68	0.35	0.93	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.6	1.59	
D07	1Aks		3.55	450	200	0.12	-0.04	0.11	0.25	0.65	Ø8/36	Ø8/36	Ø8/36	-0.02	0.05	
	2Aks		2.7				0	0	0.33	0.86	Ø8/36	Ø8/36	Ø8/36	-0.64	1.71	

KİRİŞLER
Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	BETON KARAKTERİSTİK DAYANIMI(kg/cm2) :	300
BETON MALZEME KATSAYISI :	1.5	BETON BASINÇ HESAP DAYANIMI (kg/cm2) :	200
BETON ÇEKME HESAP DAYANIMI (kg/cm2) :	12.78	PASPAYI (cm) :	3
ÇELİK AKMA DAYANIMI (kg/cm2) :	4200	ÇELİK MALZEME KATSAYISI :	1.15
ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17	ETRİYE ÇELİK AKMA DAYANIMI (kg/cm2) :	4200
ETRİYE ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI :	1.4
TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI :	1.6	SÜNEKLİK (X/Y):	YÜKSEK / YÜKSEK
MİNİMUM ÇEKME PURSANTAJI :	0.003	KAYMA DAYANIMINA BETON KATKISI :	Yönetmelik
KAYMA DAYANIMINA PİLVE KATKISI :	0		

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
K01	3. KAT	3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D01	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K02		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D02	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K03		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D01	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D03	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
			TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366
K04		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D02	450/200	0.318	0.141	0.537	0.239	-0.349	-0.155	0.649	0.289	0.389	0.173
			D04	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
			TOPLAM		0	0	2.305	0.499	0	0	2.568	0.616	1.598	0.366
K05		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.599	0.266	0.44	0.195
			D05	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.598	0.266	0.439	0.195
			TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391
K06		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D06	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			D04	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
			TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391
K07		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D07	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D05	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
			TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366
K08		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D06	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
			TOPLAM		0	0	1.778	0.265	0	0	1.908	0.323	1.209	0.193
K09		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D07	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K10		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			TOPLAM		0	0	1.376	0	0	0	1.376	0	0.775	0
K11		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.353	0.157	0.356	0.158
			TOPLAM		0	0	1.292	0.195	0	0	1.197	0.153	1.131	0.158
K12		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.197	0.153	0	0	1.292	0.195	1.131	0.158
K13		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.335	0.149	0.348	0.155
			TOPLAM		0	0	1.292	0.195	0	0	1.179	0.145	1.123	0.155
K14		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	

KİRİŞLER**Kiriş Yükleri**

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391
K15		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
			D04	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391
K16		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			D02	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			TOPLAM		0	0	1.506	0.29	0	0	1.731	0.39	1.471	0.309
K17		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			TOPLAM		0	0	0.853	0	0	0	0.853	0	0.775	0
K18		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D02	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.197	0.153	0	0	1.292	0.195	1.131	0.158
K01	2. KAT	3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D01	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K02		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D02	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K03		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D01	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D03	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
			TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366
K04		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D02	450/200	0.318	0.141	0.537	0.239	-0.349	-0.155	0.649	0.289	0.389	0.173
			D04	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
			TOPLAM		0	0	2.305	0.499	0	0	2.568	0.616	1.598	0.366
K05		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.599	0.266	0.44	0.195
			D05	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.598	0.266	0.439	0.195
			TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391
K06		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D06	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			D04	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
			TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391
K07		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D07	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D05	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
			TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366
K08		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D06	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
			TOPLAM		0	0	1.778	0.265	0	0	1.908	0.323	1.209	0.193
K09		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D07	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K10		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			TOPLAM		0	0	1.376	0	0	0	1.376	0	0.775	0
K11		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.353	0.157	0.356	0.158
			TOPLAM		0	0	1.292	0.195	0	0	1.197	0.153	1.131	0.158
K12		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.197	0.153	0	0	1.292	0.195	1.131	0.158

KİRİŞLER

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.335	0.149	0.348	0.155
			TOPLAM		0	0	1.292	0.195	0	0	1.179	0.145	1.123	0.155
K14		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D05	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.598	0.266	0.439	0.195
			D06	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.599	0.266	0.44	0.195
			TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391
K15		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
			D04	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391
K16		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			D02	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			TOPLAM		0	0	1.506	0.29	0	0	1.731	0.39	1.471	0.309
K17		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			TOPLAM		0	0	0.853	0	0	0	0.853	0	0.775	0
K18		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D02	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.197	0.153	0	0	1.292	0.195	1.131	0.158
K01	1. KAT	3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D01	450/200	0.401	0.178	0.638	0.283	-0.4	-0.178	0.635	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.952	0.282	1.149	0.166
K02		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D02	450/200	0.4	0.178	0.635	0.282	-0.401	-0.178	0.638	0.283	0.374	0.166
			TOPLAM		0	0	1.952	0.282	0	0	1.956	0.284	1.149	0.166
K03		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D01	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D03	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.549	0.244	0.421	0.187
			TOPLAM		0	0	2.414	0.59	0	0	2.1	0.451	1.612	0.372
K04		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D02	450/200	0.269	0.119	0.483	0.215	-0.293	-0.13	0.683	0.303	0.416	0.185
			D04	450/200	0.29	0.129	0.549	0.244	-0.315	-0.14	0.629	0.279	0.421	0.187
			TOPLAM		0	0	2.1	0.451	0	0	2.414	0.59	1.612	0.372
K05		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.546	0.243	0.433	0.192
			D05	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.546	0.243	0.432	0.192
			TOPLAM		0	0	2.367	0.579	0	0	2.142	0.478	1.64	0.384
K06		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D06	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.643	0.286	0.432	0.192
			D04	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.643	0.286	0.433	0.192
			TOPLAM		0	0	2.142	0.478	0	0	2.367	0.579	1.64	0.384
K07		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D07	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D05	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.549	0.244	0.421	0.187
			TOPLAM		0	0	2.414	0.59	0	0	2.1	0.451	1.612	0.372
K08		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D06	450/200	0.29	0.129	0.548	0.244	-0.315	-0.14	0.629	0.279	0.42	0.187
			TOPLAM		0	0	1.625	0.24	0	0	1.723	0.283	1.195	0.187
K09		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.553		-0.313		0.553		0.325	
			D07	450/200	0.401	0.178	0.638	0.283	-0.4	-0.178	0.635	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.952	0.282	1.149	0.166
K10		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			TOPLAM		0	0	1.317	0	0	0	1.317	0	0.775	0
K11		3	Zati		0.15		0.45		-0.15		0.45		0.45	

KİRİŞLER

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			D07	450/200	0.125	0.055	0.351	0.156	-0.114	-0.051	0.31	0.138	0.33	0.147
			TOPLAM		0	0	1.131	0.158	0	0	1.08	0.135	1.105	0.147
K12		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147
K13		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D07	450/200	0.128	0.057	0.371	0.165	-0.115	-0.051	0.311	0.138	0.341	0.152
			TOPLAM		0	0	1.153	0.168	0	0	1.08	0.135	1.116	0.152
K14		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D05	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.547	0.243	0.432	0.192
			D06	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.547	0.243	0.433	0.192
			TOPLAM		0	0	2.368	0.579	0	0	2.143	0.479	1.64	0.385
K15		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.643	0.286	0.433	0.192
			D04	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.643	0.286	0.432	0.192
			TOPLAM		0	0	2.143	0.479	0	0	2.368	0.579	1.64	0.385
K16		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			D02	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			TOPLAM		0	0	1.385	0.271	0	0	1.53	0.336	1.458	0.303
K17		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			TOPLAM		0	0	0.775	0	0	0	0.775	0	0.775	0
K18		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D02	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147
K01	ZEMİN KAT	3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D01	450/200	0.401	0.178	0.638	0.284	-0.4	-0.178	0.634	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.951	0.282	1.149	0.166
K02		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D02	450/200	0.4	0.178	0.634	0.282	-0.401	-0.178	0.638	0.284	0.374	0.166
			TOPLAM		0	0	1.951	0.282	0	0	1.956	0.284	1.149	0.166
K03		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D01	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D03	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.548	0.244	0.42	0.187
			TOPLAM		0	0	2.414	0.591	0	0	2.099	0.451	1.612	0.372
K04		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D02	450/200	0.269	0.119	0.483	0.215	-0.293	-0.13	0.683	0.303	0.416	0.185
			D04	450/200	0.29	0.129	0.548	0.244	-0.315	-0.14	0.629	0.279	0.42	0.187
			TOPLAM		0	0	2.099	0.451	0	0	2.414	0.591	1.612	0.372
K05		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.546	0.243	0.432	0.192
			D05	450/200	0.31	0.138	0.642	0.285	-0.288	-0.128	0.546	0.243	0.432	0.192
			TOPLAM		0	0	2.366	0.578	0	0	2.142	0.479	1.64	0.384
K06		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D06	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.642	0.285	0.432	0.192
			D04	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.643	0.286	0.432	0.192
			TOPLAM		0	0	2.142	0.479	0	0	2.366	0.578	1.64	0.384
K07		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D07	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D05	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.548	0.244	0.42	0.187
			TOPLAM		0	0	2.414	0.591	0	0	2.099	0.451	1.612	0.372
K08		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D06	450/200	0.29	0.129	0.548	0.244	-0.315	-0.14	0.629	0.279	0.42	0.187
			TOPLAM		0	0	1.625	0.24	0	0	1.723	0.283	1.195	0.187
K09		2.4	Zati		0.422		0.765		-0.422		0.765		0.45	

KİRİŞLER**Kiriş Yükleri**

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			D07	450/200	0.401	0.178	0.638	0.284	-0.4	-0.178	0.634	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.951	0.282	1.149	0.166
K10		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			TOPLAM		0	0	1.318	0	0	0	1.318	0	0.775	0
K11		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D07	450/200	0.125	0.055	0.351	0.156	-0.114	-0.051	0.31	0.138	0.33	0.147
			TOPLAM		0	0	1.131	0.158	0	0	1.08	0.135	1.105	0.147
K12		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147
K13		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D07	450/200	0.128	0.057	0.371	0.165	-0.115	-0.051	0.311	0.138	0.341	0.152
			TOPLAM		0	0	1.153	0.168	0	0	1.08	0.135	1.116	0.152
K14		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D05	450/200	0.31	0.138	0.642	0.286	-0.288	-0.128	0.547	0.243	0.432	0.192
			D06	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.547	0.243	0.433	0.192
			TOPLAM		0	0	2.367	0.579	0	0	2.143	0.479	1.64	0.385
K15		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.643	0.286	0.433	0.192
			D04	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.642	0.286	0.432	0.192
			TOPLAM		0	0	2.143	0.479	0	0	2.367	0.579	1.64	0.385
K16		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			D02	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			TOPLAM		0	0	1.385	0.271	0	0	1.531	0.336	1.458	0.303
K17		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			TOPLAM		0	0	0.775	0	0	0	0.775	0	0.775	0
K18		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D02	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147

Kirişlerin Betonarme Hesap Sonuçları

Kiriş	Kat	Üst	Alt	Ve	Vd	Vcr	Vc	Asw/s	AçkMom	AçkMomYeri	Tabla	Moment0
SOL K01 SAĞ	3. KAT	G+Q-E1	0.9G+E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SOL K02 SAĞ		G+Q+E1	0.9G-E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SOL K03 SAĞ		G+Q-E1	0.9G+E1	2.83	4.58	14.21	0	3.15	3.65	1.630	78.8	0.3
SOL K04 SAĞ		G+Q+E1	0.9G-E1	2.83	4.58	14.21	0	3.15	3.38	1.420	78.8	0.3
SOL K05 SAĞ		G+Q-E1	0.9G+E1	2.87	4.58	14.21	0	3.15	3.54	1.570	77.2	0.3
SOL K06 SAĞ		G+Q+E1	0.9G-E1	2.87	4.58	14.21	0	3.15	3.32	1.380	77.2	0.3
SOL K07 SAĞ		0.9G-E1	G+Q+E1	2.87	4.58	14.21	0	3.15	3.32	1.380	77.2	0.3
SOL K08 SAĞ		G+Q+E1	0.9G-E1	2.83	4.58	14.21	0	3.15	3.65	1.630	78.8	0.3
SOL K09 SAĞ		G+Q-E2	0.9G+E2	2.06	3.19	14.21	0	3.15	2.36	1.464	54.4	0.3
SOL K10 SAĞ		G+Q+E2	0.9G-E2	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SOL K11 SAĞ		G+Q-E2	0.9G+E2	1.39	1.93	14.21	0	3.15	1.69	1.775	30	0.3
SOL K12 SAĞ		G+Q+E2	0.9G-E2	1.35	2.12	14.21	0	3.15	1.19	1.166	52	0.3
SOL K13 SAĞ		0.9G+E2	G+Q-E2	1.35	2.12	14.21	0	3.15	1.1	1.034	52	0.3
SOL K14 SAĞ		G+Q-E2	0.9G+E2	1.33	2.12	14.21	0	3.15	1.19	1.166	47.6	0.3
SOL K15 SAĞ		0.9G+E4	G+Q-E4	2.85	4.58	14.21	0	3.15	3.54	1.570	65.4	0.3
SOL K16 SAĞ		G+Q+E3	0.9G-E3	2.85	4.58	14.21	0	3.15	3.32	1.380	65.4	0.3
SOL K17 SAĞ		G+Q-E3	0.9G+E3	1.8	3.05	14.21	0	3.15	1.56	1.013	65.2	0.3
SOL K18 SAĞ		G+Q+E3	0.9G-E3	0.86	1.19	14.21	0	3.15	0.65	1.100	30	0.3
SOL K19 SAĞ		0.9G-E1	G+Q+E1	1.35	2.12	14.21	0	3.15	1.1	1.034	52	0.3
SOL K20 SAĞ		G+Q+E2	0.9G-E2	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SOL K21 SAĞ	2. KAT	G+Q-E1	0.9G+E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SOL K22 SAĞ		G+Q+E1	0.9G-E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SOL K23 SAĞ		G+Q-E1	0.9G+E1	2.83	4.58	14.21	0	3.15	3.65	1.630	78.8	0.3
SOL K24 SAĞ		G+Q+E1	0.9G-E1	2.83	4.58	14.21	0	3.15	3.38	1.420	78.8	0.3
SOL K25 SAĞ		G+Q-E1	0.9G+E1	2.87	4.58	14.21	0	3.15	3.54	1.570	77.2	0.3

Kirişlerin Donatıları

Kiriş	Kat	bw	hk	In	MdÜst	MdAlt	HesÜst	HesAlt	MevÜst	MevAlt	Montaj	Düz	Pilye	Gövde	Etriye	Üstlv	Altlv
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K03		0.3	0.6	3.05	0	3.65	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K04		0.3	0.6	3.05	0	3.38	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K05		0.3	0.6	2.95	0	3.54	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K06		0.3	0.6	2.95	0	3.32	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K07		0.3	0.6	3.05	0	3.65	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K08		0.3	0.6	3.05	0	2.36	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.83	5.65	3.39						1Ø12	
K09		0.3	0.6	3.55	0	3.13	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	3.39	6.79	3.39						1Ø12	
SOL	MAFSALLI				0	0	5.13	3.39	6.79	3.39						1Ø12	
K10		0.3	0.6	3.55	0	1.69	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0	5.13	2.83	5.65	3.39						1Ø12	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
K11		0.3	0.6	2.2	0	1.19	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
K12		0.3	0.6	2.2	0	1.1	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
K13		0.3	0.6	2.2	0	1.19	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
K14		0.3	0.6	2.95	0	3.54	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	11.31						2014	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	11.31						2014	
K15		0.3	0.6	2.95	0	3.32	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.83	5.65	5.65						1Ø12	
SOL	MAFSALLI				0	0	5.13	2.83	5.65	5.65						1Ø12	
K16		0.3	0.6	2.2	0	1.56	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
K17		0.3	0.6	2.2	0	0.65	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
K18		0.3	0.6	2.2	0	1.1	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0	5.13	2.83	5.65	3.39						1Ø12	
K01	1. KAT	0.3	0.6	3.4	0	2.87	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	3.39	6.79	3.39						1Ø12	
SOL	MAFSALLI				0	0	5.13	3.39	6.79	3.39						1Ø12	
K02		0.3	0.6	3.4	0	2.86	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0	5.13	2.83	5.65	3.39						1Ø12	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K03		0.3	0.6	2.8	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K04		0.3	0.6	2.8	0	2.85	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K05		0.3	0.6	2.75	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K06		0.3	0.6	2.75	0	2.88	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
SOL	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	
K07		0.3	0.6	2.8	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2014	

Kirişlerin Donatıları

Kiriş Kat	bw	hk	In	MdÜst	MdAlt	HesÜst	HesAlt	MevÜst	MevAlt	Montaj	Düz	Pilye	Gövde	Etriye	Üstİlv	Altİlv
K08	0.3	0.6	2.8	0	1.99	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				-0.01	0.01	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				-0.01	0	5.13	2.83	5.65	3.39						1Ø12	
K09	0.3	0.6	3.4	0	2.87	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	3.39	6.79	3.39							
SOL MAFSALLI				0	0	5.13	3.39	6.79	3.39							
K10	0.3	0.6	3.4	0	1.55	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.83	5.65	3.39						1Ø12	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K11	0.3	0.6	2	0	0.96	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K12	0.3	0.6	2	0	0.91	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K13	0.3	0.6	2	0	0.97	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K14	0.3	0.6	2.75	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	11.31						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	11.31						2Ø14	
K15	0.3	0.6	2.75	0	2.88	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.83	5.65	5.65						1Ø12	
SOL MAFSALLI				0	0	5.13	2.83	5.65	5.65						1Ø12	
K16	0.3	0.6	2	0	1.29	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K17	0.3	0.6	2	0	0.54	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K18	0.3	0.6	2	0	0.91	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.83	5.65	3.39						1Ø12	
K01 ZEMİN KAT	0.3	0.6	3.4	0	2.87	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	3.39	6.79	3.39							
SOL MAFSALLI				0	0	5.13	3.39	6.79	3.39							
K02	0.3	0.6	3.4	0	2.86	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.83	5.65	3.39						1Ø12	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K03	0.3	0.6	2.8	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K04	0.3	0.6	2.8	0	2.85	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K05	0.3	0.6	2.75	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K06	0.3	0.6	2.75	0	2.88	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K07	0.3	0.6	2.8	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K08	0.3	0.6	2.8	0	1.99	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.83	5.65	3.39						1Ø12	
K09	0.3	0.6	3.4	0	2.87	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	3.39	6.79	3.39							
SOL MAFSALLI				0	0	5.13	3.39	6.79	3.39							
K10	0.3	0.6	3.4	0	1.55	2.26	5.13	2.26	5.65	2Ø12	3Ø12	2Ø12	2Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.83	5.65	3.39						1Ø12	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K11	0.3	0.6	2	0	0.96	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K12	0.3	0.6	2	0	0.91	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	

Kirişlerin Donatıları

Kiriş	Kat	bw	hk	In	MdÜst	MdAlt	HesÜst	HesAlt	MevÜst	MevAlt	Montaj	Düz	Pilye	Gövde	Etriye	Üstlv	Altlv
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K14		0.3	0.6	2.75	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	11.31						2Ø14	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	11.31						2Ø14	
K15		0.3	0.6	2.75	0	2.88	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.83	5.65	5.65						1Ø12	
SOL	MAFSALLI				0	0	5.13	2.83	5.65	5.65						1Ø12	
K16		0.3	0.6	2	0	1.29	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K17		0.3	0.6	2	0	0.54	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	
K18		0.3	0.6	2	0	0.91	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ	MAFSALLI				0	0	5.13	2.67	5.34	5.65						2Ø14	

Deprem Yönetmeliği Kiriş Tahkikleri

İsim	bw	hk	ln	ftcd/ftyd	Sol ru	Sağ ru	Vr	0.22bwdfcd	Vei	Vej	Vei(R=2)	Vej(R=2)	Vdyi	Vdyj	Mpiust	Mpialt	Mpjüst	Mpjalt
3. KAT																		
K01	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	18.93	9.68	15.9	9.68
K03	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.21	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K04	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.17	14.72	2.83	3.21	4.03	4.58	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	15.07	14.58	3.21	2.87	4.58	4.09	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	14.58	15.07	2.87	3.21	4.09	4.58	15.04	15.9	15.04	15.9
K07	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.21	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K08	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	13.06	13.33	2.06	2.25	2.91	3.19	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	9.99	9.99	1.39	1.39	1.93	1.93	18.93	9.68	15.9	9.68
K11	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.98	1.49	1.35	2.12	1.92	15.04	15.9	15.04	15.9
K12	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
K13	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.95	1.49	1.33	2.12	1.88	15.04	15.9	15.04	15.9
K14	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	20.06	19.57	3.19	2.85	4.58	4.09	15.04	15.9	15.04	30.62
K15	0.3	0.6	2.95	0.0035	0.0031	0.0033	23.25	75.24	19.86	20.35	2.85	3.19	4.09	4.58	15.04	30.62	15.9	15.9
K16	0.3	0.6	2.2	0.0035	0.0033	0.0031	23.25	75.24	17.02	17.5	1.8	2.12	2.57	3.05	15.9	15.9	15.04	15.9
K17	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.26	15.26	0.86	0.86	1.19	1.19	15.04	15.9	15.04	15.9
K18	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
2. KAT																		
K01	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	18.93	9.68	15.9	9.68
K03	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.2	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K04	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.17	14.72	2.83	3.2	4.03	4.58	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	15.07	14.58	3.21	2.87	4.58	4.09	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	14.58	15.07	2.87	3.21	4.09	4.58	15.04	15.9	15.04	15.9
K07	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.2	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K08	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	13.06	13.33	2.06	2.25	2.91	3.19	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	9.99	9.99	1.39	1.39	1.93	1.93	18.93	9.68	15.9	9.68
K11	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.98	1.49	1.35	2.12	1.92	15.04	15.9	15.04	15.9
K12	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
K13	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.95	1.49	1.33	2.12	1.88	15.04	15.9	15.04	15.9
K14	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	20.06	19.57	3.19	2.85	4.58	4.09	15.04	15.9	15.04	30.62
K15	0.3	0.6	2.95	0.0035	0.0031	0.0033	23.25	75.24	19.86	20.35	2.85	3.19	4.09	4.58	15.04	30.62	15.9	15.9
K16	0.3	0.6	2.2	0.0035	0.0033	0.0031	23.25	75.24	17.02	17.5	1.8	2.12	2.57	3.05	15.9	15.9	15.04	15.9
K17	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.26	15.26	0.86	0.86	1.19	1.19	15.04	15.9	15.04	15.9
K18	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
1. KAT																		
K01	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	11.6	11.61	2.24	2.25	3.18	3.19	18.93	9.68	15.9	9.68
K03	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.57	4.32	3.66	15.04	15.9	15.04	15.9
K04	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	14.71	15.37	2.57	3.02	3.66	4.32	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.49	15.01	2.97	2.64	4.24	3.76	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.01	15.49	2.64	2.97	3.76	4.24	15.04	15.9	15.04	15.9
K07	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.57	4.32	3.66	15.04	15.9	15.04	15.9
K08	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	13.71	13.91	1.88	2.02	2.66	2.86	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	10.26	10.26	1.33	1.33	1.84	1.84	18.93	9.68	15.9	9.68
K11	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.31	17.2	1.29	1.22	1.84	1.73	15.04	15.9	15.04	15.9
K12	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.2	17.31	1.22	1.29	1.73	1.84	15.04	15.9	15.04	15.9
K13	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.35	17.2	1.32	1.22	1.88	1.73	15.04	15.9	15.04	15.9
K14	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	20.85	20.37	2.95	2.62	4.24	3.77	15.04	15.9	15.04	30.62
K15	0.3	0.6	2.75	0.0035	0.0031	0.0033	23.25	75.24	20.68	21.16	2.62	2.95	3.77	4.24	15.04	30.62	15.9	15.9
K16	0.3	0.6	2	0.0035	0.0033	0.0031	23.25	75.24	18.27	18.58	1.66	1.87	2.37	2.68	15.9	15.9	15.04	15.9
K17	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	16.55	16.55	0.78	0.78	1.08	1.08	15.04	15.9	15.04	15.9
K18	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.2	17.31	1.22	1.29	1.73	1.84	15.04	15.9	15.04	15.9
ZEMİN KAT																		
K01	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	11.6	11.61	2.24	2.25	3.18	3.19	18.93	9.68	15.9	9.68
K03	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.56	4.32	3.66	15.04	15.9	15.04	15.9
K04	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	14.71	15.37	2.56	3.02	3.66	4.32	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.49	15.02	2.96	2.63	4.24	3.77	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.02	15.49	2.63	2.96	3.77	4.24	15.04	15.9	15.04	15.9
K07	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.56	4.32	3.66	15.04	15.9	15.04	15.9
K08	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	13.71	13.91	1.87	2.02	2.66	2.86	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	10.26	10.26	1.32	1.32	1.84	1.84	18.93	9.68	15.9	9.68
K11	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.31	17.2	1.29	1.22	1.84	1.73	15.04	15.9	15.04	15.9
K12	0.3	0.6	2	0.0035	0.003													

KOLONLAR

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI :	1.4
BETON KARAKTERİSTİK DAYANIMI(kg/cm2) :	300	TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI :	1.6
BETON MALZEME KATSAYISI :	1.5	SÜNEKLİK (X/Y):	YÜKSEK / YÜKSEK
BETON BASINÇ HESAP DAYANIMI (kg/cm2) :	200	KOLON MİNİMUM PURSANTAJI :	0.01
PASPAYI (cm) :	3	PERDE TANIM ORANI (Bx/Hy) :	7
ÇELİK AKMA DAYANIMI (kg/cm2) :	4200	PERDE MİNİMUM UÇ PURSANTAJI :	0.001
ÇELİK MALZEME KATSAYISI :	1.15	PERDE MİNİMUM GÖVDE PURSANTAJI :	0.0025
ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17		
ETRİYE ÇELİK AKMA DAYANIMI (kg/cm2) :	4200	ETRİYE ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17

Kolonların Betonarme Hesap Sonuçları

İsim	NdMax	Yükleme	NdMin	Yükleme	Acfck	AshMaj	AshMin	VeMaj	VeMin	VcrMaj	VcrMin	VcMaj	VcMin	Asw/sMaj	Asw/sMin
3. KAT															
S01	7.89	1.4G+1.6Q	4.52	0.9G+E2	720	0.94	2.83	0.1	1.44	19.19	17.94	15.35	14.35	2.83	8.08
S02	12.31	1.4G+1.6Q	6.83	0.9G-E4	720	0.94	2.83	0.15	1.23	19.19	17.94	15.35	14.35	2.83	8.08
S03	7.89	1.4G+1.6Q	4.52	0.9G-E2	720	0.94	2.83	0.1	1.44	19.19	17.94	15.35	14.35	2.83	8.08
S04	9.13	1.4G+1.6Q	4.33	0.9G-E4	720	0.94	2.83	9.35	3.06	19.19	17.94	15.35	14.35	2.83	8.08
S05	17.86	1.4G+1.6Q	9.42	0.9G+E4	720	0.94	2.83	1.71	1.21	19.19	17.94	15.35	14.36	2.83	8.08
S06	9.16	1.4G+1.6Q	4.34	0.9G-E3	720	0.94	2.83	9.35	3.05	19.19	17.94	15.35	14.35	2.83	8.08
S07	7.29	1.4G+1.6Q	3.95	0.9G+E2	720	0.94	2.83	9.29	1.27	19.19	17.94	15.35	14.35	2.83	8.08
S08	18.91	1.4G+1.6Q	9.96	0.9G-E4	750	1.6	1.6	1.72	4.11	19.52	19.52	15.62	15.62	4.93	4.93
S09	7.2	1.4G+1.6Q	3.9	0.9G+E4	720	0.94	2.83	9.29	1.28	19.19	17.94	15.35	14.35	2.83	8.08
S10	9.11	1.4G+1.6Q	4.32	0.9G+E4	720	0.94	2.83	9.34	3.06	19.19	17.94	15.35	14.35	2.83	8.08
S11	16.05	1.4G+1.6Q	8.66	0.9G-E2	720	0.94	2.83	1.37	1.28	19.19	17.94	15.35	14.36	2.83	8.08
S12	6.87	1.4G+1.6Q	3.38	0.9G+E3	720	0.94	2.83	9.23	3.04	19.19	17.94	15.35	14.35	2.83	8.08
S13	7.89	1.4G+1.6Q	4.52	0.9G+E1	720	0.94	2.83	0.09	1.44	19.19	17.94	15.35	14.35	2.83	8.08
S14	9.81	1.4G+1.6Q	5.77	0.9G-E2	720	0.94	2.83	0.2	1.29	19.19	17.94	15.35	14.35	2.83	8.08
S15	5.39	1.4G+1.6Q	3.46	0.9G-E1	720	0.94	2.83	0.05	1.35	19.19	17.94	15.35	14.35	2.83	8.08
2. KAT															
S01	15.77	1.4G+1.6Q	9.05	0.9G+E2	720	0.94	2.83	1.33	3.05	19.19	17.94	15.35	14.36	2.83	8.08
S02	24.62	1.4G+1.6Q	13.66	0.9G-E4	720	0.94	2.83	1.27	3.02	19.19	17.94	15.35	14.36	2.83	8.08
S03	15.77	1.4G+1.6Q	9.05	0.9G-E2	720	0.94	2.83	1.33	3.05	19.19	17.94	15.35	14.36	2.83	8.08
S04	18.2	1.4G+1.6Q	8.26	0.9G-E4	720	0.94	2.83	8.53	2.41	19.19	17.94	15.35	14.36	2.83	8.08
S05	35.71	1.4G+1.6Q	18.85	0.9G+E4	720	0.94	2.83	1.89	2.86	19.19	17.94	15.35	14.36	2.83	8.08
S06	18.25	1.4G+1.6Q	8.28	0.9G-E3	720	0.94	2.83	8.53	2.4	19.19	17.94	15.35	14.36	2.83	8.08
S07	14.71	1.4G+1.6Q	7.97	0.9G+E2	720	0.94	2.83	7.57	1.06	19.19	17.94	15.35	14.36	2.83	8.08
S08	37.82	1.4G+1.6Q	19.92	0.9G-E4	750	1.6	1.6	1.05	3.97	19.52	19.52	15.62	15.62	4.93	4.93
S09	14.5	1.4G+1.6Q	7.87	0.9G+E4	720	0.94	2.83	7.57	1.07	19.19	17.94	15.35	14.36	2.83	8.08
S10	18.16	1.4G+1.6Q	8.24	0.9G+E4	720	0.94	2.83	8.53	2.41	19.19	17.94	15.35	14.36	2.83	8.08
S11	32.1	1.4G+1.6Q	17.31	0.9G-E2	720	0.94	2.83	1.71	2.89	19.19	17.94	15.35	14.36	2.83	8.08
S12	13.7	1.4G+1.6Q	6.36	0.9G+E3	720	0.94	2.83	8.57	2.38	19.19	17.94	15.35	14.36	2.83	8.08
S13	15.77	1.4G+1.6Q	9.05	0.9G+E1	720	0.94	2.83	1.33	3.05	19.19	17.94	15.35	14.36	2.83	8.08
S14	19.63	1.4G+1.6Q	11.53	0.9G-E2	720	0.94	2.83	1.25	3.04	19.19	17.94	15.35	14.36	2.83	8.08
S15	10.77	1.4G+1.6Q	6.92	0.9G-E1	720	0.94	2.83	1.3	3.03	19.19	17.94	15.35	14.36	2.83	8.08
1. KAT															
S01	25.03	1.4G+1.6Q	14.44	0.9G+E2	1200	1.12	3.05	2.55	5.04	32.23	30.74	25.79	24.59	3.88	10.18
S02	38.23	1.4G+1.6Q	21.32	0.9G-E4	1200	1.12	3.05	2.83	4.92	32.23	30.74	25.79	24.59	3.88	10.18
S03	25.03	1.4G+1.6Q	14.44	0.9G-E2	1200	1.12	3.05	2.55	5.05	32.23	30.74	25.79	24.59	3.88	10.18
S04	28.85	1.4G+1.6Q	12.96	0.9G-E4	1200	1.12	3.05	14.22	4.26	32.23	30.74	25.79	24.59	3.88	10.18
S05	54.27	1.4G+1.6Q	28.79	0.9G+E4	1200	1.12	3.05	3.76	4.61	32.23	30.74	25.79	24.59	3.88	10.18
S06	28.91	1.4G+1.6Q	12.98	0.9G-E3	1200	1.12	3.05	14.2	4.26	32.23	30.74	25.79	24.59	3.88	10.18
S07	23.32	1.4G+1.6Q	12.74	0.9G+E2	1200	1.12	3.05	8.42	1.98	32.23	30.74	25.79	24.59	3.88	10.18
S08	55.44	1.4G+1.6Q	29.23	0.9G-E4	750	1.6	1.6	0.81	0.58	19.52	19.52	15.62	15.62	4.93	4.93
S09	23.06	1.4G+1.6Q	12.63	0.9G+E4	1200	1.12	3.05	12.24	1.97	32.23	30.74	25.79	24.59	3.88	10.18
S10	28.78	1.4G+1.6Q	12.93	0.9G+E4	1200	1.12	3.05	14.22	4.27	32.23	30.74	25.79	24.59	3.88	10.18
S11	49.02	1.4G+1.6Q	26.55	0.9G-E2	1200	1.12	3.05	3.44	4.66	32.23	30.74	25.79	24.59	3.88	10.18
S12	22.07	1.4G+1.6Q	10.09	0.9G+E3	1200	1.12	3.05	14.18	4.18	32.23	30.74	25.79	24.59	3.88	10.18
S13	25.03	1.4G+1.6Q	14.44	0.9G+E1	1200	1.12	3.05	2.57	5.04	32.23	30.74	25.79	24.59	3.88	10.18
S14	30.7	1.4G+1.6Q	18.11	0.9G-E2	1200	1.12	3.05	2.76	4.99	32.23	30.74	25.79	24.59	3.88	10.18
S15	17.48	1.4G+1.6Q	11.23	0.9G-E1	1200	1.12	3.05	2.48	5.03	32.23	30.74	25.79	24.59	3.88	10.18
ZEMİN KAT															
S01	34.29	1.4G+1.6Q	19.84	0.9G+E2	1200	1.12	3.05	3.99	4.75	32.23	30.74	25.79	24.59	3.88	10.18
S02	51.83	1.4G+1.6Q	28.97	0.9G-E4	1200	1.12	3.05	3.78	4.59	32.23	30.74	25.79	24.59	3.88	10.18
S03	34.29	1.4G+1.6Q	19.84	0.9G-E2	1200	1.12	3.05	3.99	4.76	32.23	30.74	25.79	24.59	3.88	10.18
S04	39.33	1.4G+1.6Q	17.76	0.9G-E4	1200	1.12	3.05	26.46	2.12	32.23	30.74	25.79	24.59	3.88	10.18
S05	72.83	1.4G+1.6Q	38.74	0.9G+E4	1200	1.12	3.05	3.88	4.71	32.23	30.74	25.79	24.59	3.88	10.18
S06	39.4	1.4G+1.6Q	17.79	0.9G-E3	1200	1.12	3.05	26.48	2.12	32.23	30.74	25.79	24.59	3.88	10.18
S07	32.25	1.4G+1.6Q	17.7	0.9G+E2	1200	1.12	3.05	26.26	3.16	32.23	30.74	25.79	24.59	3.88	10.18
S08	73.05	1.4G+1.6Q	38.55	0.9G-E4	750	1.6	1.6	0.93	5.41	19.52	19.52	15.62	15.62	4.93	4.93
S09	31.95	1.4G+1.6Q	17.57	0.9G+E4	1200	1.12	3.05	26.27	3.17	32.23	30.74	25.79	24.59	3.88	10.18
S10	39.25	1.4G+1.6Q	17.72	0.9G+E4	1200	1.12	3.05	26.47	2.12	32.23	30.74	25.79	24.59	3.88	10.18
S11	65.93	1.4G+1.6Q	35.8	0.9G-E2	1200	1.12	3.05	3.91	4.74	32.23	30.74	25.79	24.59	3.88	10.18

KOLONLAR

Kolonların Betonarme Hesap Sonuçları

İsim	NdMax	Yükleme	NdMin	Yükleme	Acckf	AshMaj	AshMin	VeMaj	VeMin	VcrMaj	VcrMin	VcMaj	VcMin	Asw/sMaj	Asw/sMin
S14	41.78	1.4G+1.6Q	24.68	0.9G-E2	1200	1.12	3.05	3.75	4.62	32.23	30.74	25.79	24.59	3.88	10.18
S15	24.19	1.4G+1.6Q	15.54	0.9G-E1	1200	1.12	3.05	3.96	4.7	32.23	30.74	25.79	24.59	3.88	10.18

İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)

Kat	Değer	Yükleme E1	Yükleme E2	Yükleme E3	Yükleme E4
3. KAT	Duraylılık	0.0218	0.0218	0.00107	0.00107
3. KAT	di	0.00703	0.00703	0.000401	0.000401
3. KAT	Top. Ndi / Li	42.81	42.81	42.81	42.81
3. KAT	Vfi	20.73	20.73	24.13	24.13
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					
2. KAT	Duraylılık	0.0209	0.0209	0.00115	0.00115
2. KAT	di	0.00591	0.00591	0.00038	0.00038
2. KAT	Top. Ndi / Li	85.57	85.57	85.57	85.57
2. KAT	Vfi	36.31	36.31	42.27	42.27
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					
1. KAT	Duraylılık	0.0164	0.0164	0.00103	0.00103
1. KAT	di	0.00394	0.00394	0.000289	0.000289
1. KAT	Top. Ndi / Li	131.95	131.95	131.95	131.95
1. KAT	Vfi	47.53	47.53	55.35	55.35
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					
ZEMİN KAT	Duraylılık	0.008	0.008	0.000584	0.000584
ZEMİN KAT	di	0.00158	0.00158	0.000135	0.000135
ZEMİN KAT	Top. Ndi / Li	178.88	178.88	178.88	178.88
ZEMİN KAT	Vfi	53.15	53.15	61.89	61.89
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					

İsim	Kat	Yön	aa	ab	k	Nk	Nd	M1	M2	CM	El. b	Sel. b
S01	3. KAT	Majör	10	9.44	1	19239.3	4.53	-0.02	0.06	0.48	1	1
		Minör	3.62	1.81	0.94	3058.13	4.53	-0.27	-1.1	0.5	1	1
S02		Majör	10	8.59	1	19549.2	6.83	-0.07	-0.24	0.48	1	1
		Minör	1.81	0.91	0.9	3429.75	6.83	0.04	0.91	0.58	1	1
S03		Majör	10	9.44	1	19239.3	4.53	-0.02	0.06	0.49	1	1
		Minör	3.62	1.81	0.94	3058.13	4.53	0.27	1.1	0.5	1	1
S04		Majör	10	10	1	19676.52	4.96	0.79	7.13	0.56	1	1
		Minör	2.65	1.33	0.92	3295.14	4.96	-0.2	-0.23	0.4	1	1
S05		Majör	9.48	4.74	1	20001.73	9.42	-0.67	-1.24	0.4	1	1
		Minör	1.42	0.71	0.89	3588.06	9.42	0	0	0.4	1	1
S06		Majör	10	10	1	19682.7	4.97	-0.78	-7.15	0.56	1	1
		Minör	2.65	1.33	0.92	3296.17	4.97	-0.19	-0.22	0.4	1	1
S07		Majör	10	9.89	1	19756.49	3.96	0.83	7.18	0.55	1	1
		Minör	10	10	1	2778.26	3.96	0.15	0.15	0.4	1	1
S08		Majör	4.3	2.15	0.96	8884.18	9.96	0	0	0.4	1	1
		Minör	4.02	2.01	0.95	9015.97	9.96	0.08	3.11	0.59	1	1
S09		Majör	10	9.89	1	19732.46	3.92	-0.82	-7.2	0.55	1	1
		Minör	10	10	1	2774.88	3.92	-0.16	-0.16	0.4	1	1
S10		Majör	10	10	1	19672.5	4.95	0.79	7.13	0.56	1	1
		Minör	2.65	1.33	0.92	3294.46	4.95	0.2	0.24	0.4	1	1
S11		Majör	10	5.08	1	19808.81	8.66	0.5	0.95	0.4	1	1
		Minör	1.52	0.76	0.89	3532.01	8.66	0.04	0.06	0.4	1	1
S12		Majör	10	10	1	19040.02	3.99	-0.65	-7.06	0.56	1	1
		Minör	3.32	1.66	0.93	3075.51	3.99	0.14	0.17	0.4	1	1
S13		Majör	10	9.44	1	19239.29	4.53	0.02	-0.06	0.48	1	1
		Minör	3.62	1.81	0.94	3058.13	4.53	-0.27	-1.1	0.5	1	1
S14		Majör	10	9.79	1	19028.73	5.77	0.11	0.27	0.44	1	1
		Minör	2.06	1.03	0.9	3293.16	5.77	0.11	0.95	0.56	1	1
S15		Majör	10	10	1	18212.39	3.47	0.03	-0.04	0.4	1	1
		Minör	4.76	2.38	0.97	2727.85	3.47	0.2	1.04	0.52	1	1
S01	2. KAT	Majör	10	10	1	19239.3	9.07	-0.07	-0.55	0.55	1	1
		Minör	6.99	3.62	1	2705.53	9.07	0.76	-3.14	0.5	1	1
S02		Majör	10	10	1	19549.2	13.67	-0.19	-0.51	0.45	1	1
		Minör	3.49	1.81	0.94	3107.39	13.67	0.83	-3.16	0.5	1	1
S03		Majör	10	10	1	19239.3	9.07	-0.07	-0.55	0.55	1	1
		Minör	6.99	3.62	1	2705.53	9.07	-0.77	3.14	0.5	1	1
S04		Majör	10	10	1	19677.44	9.85	-6.39	21.19	0.48	1	1

KOLONLAR

İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)

İsim	Kat	Yön	aa	ab	k	Nk	Nd	M1	M2	CM	El. b	Sel. b
S06		Minör	2.68	1.42	0.92	3317.53	18.85	0.84	-3.06	0.49	1	1
		Majör	10	10	1	19683.53	9.87	6.41	-21.2	0.48	1	1
		Minör	5.05	2.65	0.98	2866.13	9.87	-0.19	-0.24	0.4	1	1
S07		Majör	10	10	1	19753.63	8	-6.33	21.04	0.48	1	1
		Minör	10	10	1	2777.85	8	0.12	0.12	0.4	1	1
S08		Majör	4.14	4.3	1	8146.93	19.92	0	0	0.43	1	1
		Minör	3.88	4.02	1	8146.93	19.92	-3.24	6.3	0.4	1	1
S09		Majör	10	10	1	19726.3	7.91	6.35	-21.06	0.48	1	1
		Minör	10	10	1	2774.01	7.91	-0.12	-0.13	0.4	1	1
S10		Majör	10	10	1	19673.31	9.83	-6.39	21.19	0.48	1	1
		Minör	5.05	2.65	0.98	2864.65	9.83	0.19	0.25	0.4	1	1
S11		Majör	10	10	1	19808.81	17.31	0.26	0.65	0.44	1	1
		Minör	2.88	1.52	0.93	3247.57	17.31	-0.82	3.08	0.49	1	1
S12		Majör	10	10	1	19043.07	7.93	6.45	-21.21	0.48	1	1
		Minör	6.21	3.32	1	2677.93	7.93	0.14	0.19	0.4	1	1
S13		Majör	10	10	1	19239.29	9.07	0.07	0.55	0.55	1	1
		Minör	6.99	3.62	1	2705.53	9.07	0.76	-3.14	0.5	1	1
S14		Majör	10	10	1	19028.73	11.54	0.18	0.47	0.44	1	1
		Minör	3.95	2.06	0.95	2947.29	11.54	-0.81	3.19	0.5	1	1
S15		Majör	10	10	1	18212.39	6.93	0.06	0.5	0.55	1	1
		Minör	9.09	4.76	1	2561.12	6.93	-0.79	3.14	0.5	1	1
S01	1. KAT	Majör	10	10	1	49965.39	14.47	-0.26	-0.42	0.4	1	1
		Minör	10	6.99	1	7994.46	14.47	3.28	-7.04	0.41	1	1
S02		Majör	10	10	1	50795.73	21.32	-0.43	-1.26	0.46	1	1
		Minör	5.22	3.49	1	8127.32	21.32	3.18	-6.93	0.42	1	1
S03		Majör	10	10	1	49965.36	14.47	-0.26	-0.42	0.4	1	1
		Minör	10	6.99	1	7994.46	14.47	-3.28	7.03	0.41	1	1
S04		Majör	10	10	1	51080.21	15.75	-21.48	43.32	0.4	1	1
		Minör	7.55	5.05	1	8172.83	15.75	-0.27	-0.41	0.4	1	1
S05		Majör	10	10	1	51965.03	28.8	-0.71	-1.87	0.45	1	1
		Minör	4.01	2.68	0.98	8586.29	28.8	3.35	-6.88	0.4	1	1
S06		Majör	10	10	1	51092.34	15.77	21.5	-43.3	0.4	1	1
		Minör	7.55	5.05	1	8174.78	15.77	-0.27	-0.41	0.4	1	1
S07		Majör	10	10	1	51231.23	12.78	-20.89	43.39	0.41	1	1
		Minör	10	10	1	8197	12.78	0.05	0.07	0.4	1	1
S08		Majör	4.14	4.14	1	8142.35	29.23	0	0	0.6	1	1
		Minör	3.88	3.88	1	8142.35	29.23	-5.56	6.01	0.4	1	1
S09		Majör	10	10	1	51174.61	12.67	20.9	-43.38	0.41	1	1
		Minör	10	10	1	8187.94	12.67	-0.05	-0.06	0.4	1	1
S10		Majör	10	10	1	51068.35	15.72	-21.47	43.32	0.4	1	1
		Minör	7.55	5.05	1	8170.94	15.72	0.28	0.42	0.4	1	1
S11		Majör	10	10	1	51474.81	26.56	0.55	1.56	0.46	1	1
		Minör	4.3	2.88	0.99	8338.37	26.56	-3.3	6.93	0.41	1	1
S12		Majör	10	10	1	49494.3	12.85	21.5	-43.22	0.4	1	1
		Minör	9.29	6.21	1	7919.09	12.85	0.19	0.28	0.4	1	1
S13		Majör	10	10	1	49965.34	14.47	0.3	0.42	0.4	1	1
		Minör	10	6.99	1	7994.46	14.47	3.28	-7.03	0.41	1	1
S14		Majör	10	10	1	49469.76	18.11	0.45	1.13	0.44	1	1
		Minör	5.91	3.95	1	7915.16	18.11	-3.12	6.98	0.42	1	1
S15		Majör	10	10	1	47428.11	11.25	0.28	0.28	0.4	1	1
		Minör	10	9.09	1	7588.5	11.25	-3.25	7.01	0.41	1	1
S01	ZEMİN KAT	Majör	0	10	0.85	69069.42	19.87	0.16	0.22	0.4	1	1
		Minör	0	10	0.85	11051.11	19.87	6.71	-10.4	0.4	1	1
S02		Majör	0	10	0.85	70230.79	28.97	0	0.02	0.58	1	1
		Minör	0	5.22	0.85	11236.93	28.97	6.83	-10.37	0.4	1	1
S03		Majör	0	10	0.85	69069.55	19.87	0.16	0.22	0.4	1	1
		Minör	0	10	0.85	11051.13	19.87	-6.71	10.4	0.4	1	1
S04		Majör	0	10	0.85	70592.46	21.92	-42.43	63.22	0.4	1	1
		Minör	0	7.55	0.85	11294.79	21.92	-0.05	-0.08	0.4	1	1
S05		Majör	0	10	0.85	71840.62	38.74	0	-0.07	0.57	1	1
		Minör	0	4.01	0.85	11494.5	38.74	-6.76	10.4	0.4	1	1
S06		Majör	0	10	0.85	70606.18	21.95	42.42	-63.24	0.4	1	1
		Minör	0	7.55	0.85	11296.99	21.95	-0.05	-0.08	0.4	1	1
S07		Majör	0	10	0.85	70778.99	17.75	-42.47	63.15	0.4	1	1
		Minör	0	10	0.85	11324.64	17.75	0.03	0.03	0.4	1	1
S08		Majör	0	4.14	0.85	11266.43	38.55	0	0	0.4	1	1
		Minör	0	3.88	0.85	11266.43	38.55	-6.15	10.33	0.4	1	1
S09		Majör	0	10	0.85	70709.71	17.62	42.46	-63.16	0.4	1	1
		Minör	0	10	0.85	11313.55	17.62	0.02	0.02	0.4	1	1
S10		Majör	0	10	0.85	70576.54	21.89	-42.43	63.22	0.4	1	1
		Minör	0	7.55	0.85	11292.25	21.89	0.05	0.08	0.4	1	1
S11		Majör	0	10	0.85	71170.92	35.8	0	-0.06	0.58	1	1
		Minör	0	4.3	0.85	11387.35	35.8	-6.73	10.42	0.4	1	1
S12		Majör	0	10	0.85	68433.25	18.07	42.52	-63.2	0.4	1	1
		Minör	0	9.29	0.85	10949.32	18.07	0.04	0.05	0.4	1	1

KOLONLAR**İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)**

İsim	Kat	Yön	aa	ab	k	Nk	Nd	M1	M2	CM	El. b	Sel. b
S14		Majör	0	10	0.85	68415.45	24.69	0	0.02	0.54	1	1
		Minör	0	5.91	0.85	10946.47	24.69	-6.8	10.39	0.4	1	1
S15		Majör	0	10	0.85	65644.43	15.57	0.04	0.09	0.44	1	1
		Minör	0	10	0.85	10503.11	15.57	-6.68	10.45	0.4	1	1

Kolonların Donatıları

İsim	Kat	hx	by	Yükleme	N	Mx	My	Extra(N/Mx/My)	Purs	SGPurs	MevAs	Köşe	Kenar	Etriye
S01	3. KAT	0.8	0.3	0.9G-E1 Alt	4.53	0.18	-1.1	0.171/0.026/-0.041	1.03%	-0.04%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S02		0.8	0.3	0.9G+E1 Alt	6.83	0.27	0.91	0.341/-0.000/-0.081	1.03%	-0.07%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S03		0.8	0.3	0.9G+E1 Alt	4.53	0.18	1.1	0.171/-0.026/-0.041	1.03%	-0.04%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S04		0.8	0.3	0.9G-E1 Alt	4.96	7.17	-0.52	0.383/0.098/-0.002	1.03%	0.19%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S05		0.8	0.3	0.9G-E4 Üst	9.42	-1.24	0.23	0.378/-0.000/-0.093	1.03%	-0.09%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S06		0.8	0.3	0.9G+E1 Alt	4.97	-7.19	-0.52	0.383/-0.098/-0.002	1.03%	0.20%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S07		0.8	0.3	0.9G-E2 Alt	3.96	7.18	0.65	0.378/0.093/-0.000	1.03%	0.21%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S08		0.5	0.5	0.9G+E2 Alt	9.96	0.3	3.11	0.187/-0.000/0.000	1.11%	0.04%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		0.8	0.3	0.9G+E1 Alt	3.92	-7.2	-0.66	0.378/-0.093/-0.000	1.03%	0.21%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S10		0.8	0.3	0.9G-E2 Alt	4.95	7.17	0.53	0.383/0.098/0.002	1.03%	0.19%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S11		0.8	0.3	0.9G+E3 Üst	8.66	0.95	0.21	0.378/0.000/0.093	1.03%	-0.09%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S12		0.8	0.3	0.9G+E2 Alt	3.99	-7.1	0.48	0.198/-0.050/0.030	1.03%	0.20%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S13		0.8	0.3	0.9G-E2 Alt	4.53	0.18	-1.1	0.171/0.026/0.041	1.03%	-0.04%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S14		0.8	0.3	0.9G+E2 Alt	5.77	0.22	0.96	0.171/-0.026/0.041	1.03%	-0.06%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S15		0.8	0.3	0.9G+E2 Alt	3.47	0.14	1.04		1.03%	-0.03%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S01	2. KAT	0.8	0.3	0.9G-E1 Alt	9.07	-0.83	-3.15	0.171/0.026/-0.041	1.03%	-0.02%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S02		0.8	0.3	0.9G-E1 Alt	13.67	-0.74	-3.17	0.341/-0.000/-0.081	1.03%	-0.09%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S03		0.8	0.3	0.9G+E1 Alt	9.07	-0.82	3.16	0.171/-0.026/-0.041	1.03%	-0.02%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S04		0.8	0.3	0.9G-E1 Alt	9.85	21.29	-0.51	0.383/0.098/-0.002	1.03%	0.63%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S05		0.8	0.3	0.9G-E1 Alt	18.85	-1.05	-3.06	0.378/-0.000/-0.093	1.03%	-0.15%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S06		0.8	0.3	0.9G+E1 Alt	9.87	-21.31	-0.5	0.383/-0.098/-0.002	1.03%	0.63%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S07		0.8	0.3	0.9G-E2 Alt	8	21.04	0.54	0.378/0.093/-0.000	1.03%	0.64%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S08		0.5	0.5	0.9G+E2 Alt	19.92	0.6	6.3	0.187/-0.000/0.000	1.11%	0.09%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		0.8	0.3	0.9G+E1 Alt	7.91	-21.06	-0.54	0.378/-0.093/-0.000	1.03%	0.65%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S10		0.8	0.3	0.9G-E2 Alt	9.83	21.29	0.51	0.383/0.098/0.002	1.03%	0.63%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S11		0.8	0.3	0.9G+E2 Alt	17.31	0.92	3.09	0.378/0.000/0.093	1.03%	-0.13%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S12		0.8	0.3	0.9G+E2 Alt	7.93	-21.31	0.46	0.198/-0.050/0.030	1.03%	0.65%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S13		0.8	0.3	0.9G-E2 Alt	9.07	0.83	-3.15	0.171/0.026/0.041	1.03%	-0.02%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S14		0.8	0.3	0.9G+E2 Alt	11.54	0.69	3.2	0.171/-0.026/0.041	1.03%	-0.06%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S15		0.8	0.3	0.9G+E2 Alt	6.93	0.78	3.16		1.03%	0.00%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S01	1. KAT	1	0.4	0.9G-E1 Alt	14.47	-1	-7.04	0.450/0.090/-0.159	1.00%	-0.03%	40.02	4Ø14	22Ø14	Ø8/8/10
S02		1	0.4	0.9G-E1 Alt	21.32	-1.14	-6.94	0.778/-0.000/-0.260	1.00%	-0.09%	40.02	4Ø14	22Ø14	Ø8/8/10
S03		1	0.4	0.9G+E1 Alt	14.47	-0.99	7.04	0.450/-0.089/-0.159	1.00%	-0.03%	40.02	4Ø14	22Ø14	Ø8/8/10
S04		1	0.4	0.9G-E1 Alt	15.75	43.41	-0.77	0.675/0.202/-0.061	1.00%	0.61%	40.02	4Ø14	22Ø14	Ø8/8/10
S05		1	0.4	0.9G-E1 Alt	28.8	-1.46	-6.88	0.845/0.000/-0.283	1.00%	-0.14%	40.02	4Ø14	22Ø14	Ø8/8/10
S06		1	0.4	0.9G+E1 Alt	15.77	-43.4	-0.76	0.675/-0.203/-0.061	1.00%	0.61%	40.02	4Ø14	22Ø14	Ø8/8/10
S07		1	0.4	0.9G-E2 Alt	12.78	43.39	0.87	0.845/0.284/-0.000	1.00%	0.63%	40.02	4Ø14	22Ø14	Ø8/8/10
S08		0.5	0.5	0.9G+E2 Alt	29.23	0.88	6.01	0.190/0.000/0.000	1.11%	-0.04%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		1	0.4	0.9G+E1 Alt	12.67	-43.38	-0.86	0.843/-0.283/-0.000	1.00%	0.63%	40.02	4Ø14	22Ø14	Ø8/8/10
S10		1	0.4	0.9G-E2 Alt	15.72	43.41	0.78	0.675/0.203/0.061	1.00%	0.61%	40.02	4Ø14	22Ø14	Ø8/8/10
S11		1	0.4	0.9G+E2 Alt	26.56	1.3	6.93	0.844/-0.000/0.283	1.00%	-0.13%	40.02	4Ø14	22Ø14	Ø8/8/10
S12		1	0.4	0.9G+E2 Alt	12.85	-43.31	0.69	0.491/-0.174/0.098	1.00%	0.63%	40.02	4Ø14	22Ø14	Ø8/8/10
S13		1	0.4	0.9G-E2 Alt	14.47	1.03	-7.04	0.450/0.089/0.159	1.00%	-0.03%	40.02	4Ø14	22Ø14	Ø8/8/10
S14		1	0.4	0.9G+E2 Alt	18.11	1.16	6.99	0.388/-0.078/0.130	1.00%	-0.06%	40.02	4Ø14	22Ø14	Ø8/8/10
S15		1	0.4	0.9G+E2 Alt	11.25	1.02	7.02		1.00%	0.00%	40.02	4Ø14	22Ø14	Ø8/8/10
S01	ZEMİN KAT	1	0.4	0.9G-E1 Alt	19.87	1.76	-10.4	0.449/0.089/-0.158	1.00%	-0.01%	40.02	4Ø14	22Ø14	Ø8/8/10
S02		1	0.4	0.9G-E2 Alt	28.97	1.6	-10.38	0.778/-0.000/-0.260	1.00%	-0.09%	40.02	4Ø14	22Ø14	Ø8/8/10
S03		1	0.4	0.9G+E1 Alt	19.87	1.76	10.41	0.450/-0.089/-0.159	1.00%	-0.01%	40.02	4Ø14	22Ø14	Ø8/8/10
S04		1	0.4	0.9G-E2 Alt	21.92	63.25	0.59	0.675/0.202/-0.061	1.00%	0.89%	40.02	4Ø14	22Ø14	Ø8/8/10
S05		1	0.4	0.9G+E2 Alt	38.74	1.74	10.4	0.845/0.000/-0.283	1.00%	-0.16%	40.02	4Ø14	22Ø14	Ø8/8/10
S06		1	0.4	0.9G+E2 Alt	21.95	-63.27	0.59	0.675/-0.203/-0.061	1.00%	0.89%	40.02	4Ø14	22Ø14	Ø8/8/10
S07		1	0.4	0.9G-E1 Alt	17.75	63.15	0.48	0.845/0.284/-0.000	1.00%	0.92%	40.02	4Ø14	22Ø14	Ø8/8/10
S08		0.5	0.5	0.9G+E1 Alt	38.55	1.16	10.33	0.190/0.000/0.000	1.11%	0.11%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		1	0.4	0.9G+E1 Alt	17.62	-63.16	0.48	0.843/-0.283/-0.000	1.00%	0.92%	40.02	4Ø14	22Ø14	Ø8/8/10
S10		1	0.4	0.9G-E1 Alt	21.89	63.26	0.59	0.675/0.203/0.061	1.00%	0.89%	40.02	4Ø14	22Ø14	Ø8/8/10
S11		1	0.4	0.9G+E1 Alt	35.8	1.61	10.42	0.844/-0.000/0.283	1.00%	-0.14%	40.02	4Ø14	22Ø14	Ø8/8/10
S12		1	0.4	0.9G+E1 Alt	18.07	-63.23	0.49	0.491/-0.174/0.098	1.00%	0.92%	40.02	4Ø14	22Ø14	Ø8/8/10
S13		1	0.4	0.9G-E1 Alt	19.87	1.68	-10.48	0.450/0.089/0.159	1.00%	-0.01%	40.02	4Ø14	22Ø14	Ø8/8/10
S14		1	0.4	0.9G+E1 Alt	24.69	1.6	10.4	0.388/-0.078/0.130	1.00%	-0.05%	40.02	4Ø14	22Ø14	Ø8/8/10
S15		1	0.4	0.9G+E1 Alt	15.57	1.69	10.46		1.00%	0.02%	40.02	4Ø14	22Ø14	Ø8/8/10

Deprem Yönetmeliği Kolon Tahkikleri (Güçlü Kolon ve Kesme Kuvveti)

İsim	Yön	Zk	Maf	Mra	Mrü	Mrj+	Mrj-	Mri+	Mri-Mha+1	Mhü	Mha	Mhü-1	SMpü	SMpa	Mü	Ma	Ve	Ve(R=2)	VMaks		
3. KAT																					
S01	Majör				22.2	10.74	11.53			0.03	0.02	0	15.9	15.9	15.9	14.68	14.56	0.1	105.6		
	Minör				7.02			6.99	11.35		0.92	0.82		15.9	10.52	8.37	8.99	1.44	105.6		
S02	Majör				23.1	10.74	11.58				0.02	0.02		15.9		8.18	3.89	0.13	105.6		
	Minör				7.36	13.52	6.99	6.99	13.52						11.4	11.4	10.86	1.23	105.6		
S03	Majör				22.2	10.74	11.53			0.03	0.02	0	15.9	15.9	15.9	14.75	14.59	0.1	105.6		
	Minör				7.02	11.35	6.99				0.92	0.82		15.9	10.52	8.37	8.99	1.44	105.6		
S04	Majör				22.12	10.74	11.61			0.1	6.66	6.57	15.9	15.9	15.9	8	11.38	9.35	105.6		
	Minör				7			11.53	10.74		0.1	0.08		15.9	10.77	8.9	9.37	3.06	105.6		
S05	Majör				24.09	11.35	11.58	11.58	11.35		0.38	0.14		31.79	38.13	22.97	29.1	1.71	105.6		
	Minör				7.73	10.74	11.61	11.61	10.74						12.48	12.48	11.89	1.21	105.6		
S06	Majör				22.13			11.61	10.74		0.1	6.66	6.57	15.9	15.9	15.9	8	11.38	9.35	105.6	
	Minör				7			11.53	10.74		0.1	0.08		15.9	10.77	8.9	9.37	3.05	105.6		
S07	Majör				21.97	10.74	11.61			0.01	6.62	6.61	15.9	15.9	15.9	7.95	11.35	9.29	105.6		
	Minör				6.94					0.15	0.14	0.11					0	4.43	105.6		
S08	Majör				15.6	10.74	22.78	22.78	10.74						24.77	24.77	23.59	1.72	110		
	Minör				15.6	10.74	11.61	11.61	10.74		3.1	3.23		30.94	24.77	15.14	19	4.11	110		
S09	Majör				21.95			11.61	10.74		0.01	0	0	15.9	15.9	12.63	13.58	9.29	105.6		
	Minör				6.93					0.15	0.14	0.11					0	4.43	105.6		
S10	Majör				22.12	10.74	11.61			0.1	6.66	6.57	15.9	15.9	15.9	8	11.38	9.34	105.6		
	Minör				6.99	10.74	11.53				0.1	0.08		15.9	10.76	8.9	9.36	3.06	105.6		
S11	Majör				23.8	10.74	11.51	11.58	10.74		0.34	0.13		30.94	37.21	22.56	28.46	1.37	105.6		
	Minör				7.62	10.74	11.61	11.54	10.74						12.13	12.13	11.55	1.28	105.6		
S12	Majör				21.75			11.54	10.74		0.1	6.66	6.57	15.9	15.9	15.9	8.01	11.38	9.23	105.6	
	Minör				6.86	10.74	11.35				0.1	0.08		15.9	10.31	8.91	9.15	3.04	105.6		
S13	Majör				22.2			11.53	10.74		0.03	0.02	0	15.9	15.9	15.9	14.63	14.54	0.09	105.6	
	Minör				7.02			6.99	11.35		0.92	0.82		15.9	10.52	8.37	9	1.44	105.6		
S14	Majör				22.68			11.51	10.74		0.01	0.01	0	15.9	15.9	15.9	10.18	12.42	0.18	105.6	
	Minör				7.21	13.52	6.99	6.91	13.52						10.91	10.91	10.39	1.29	105.6		
S15	Majör				21.78			11.35	10.74		0.02	0.02	0	15.9	15.9	15.9	13.15	13.83	0.05	105.6	
	Minör				6.87	11.35	6.91				0.9	0.83		15.9	10.01	8.28	8.71	1.35	105.6		
2. KAT																					
S01	Majör				22.2	23.95	10.74	11.53		0.01	0.02	0.28	0.27	15.9	15.9	12.15	8.15	9.66	1.33	105.6	
	Minör				7.02	7.68		6.99	11.35	0.01	0.01	0.05	0.03	15.9	15.9	9.56	9.71	9.17	3.05	105.6	
S02	Majör				23.1	25.69	10.74	11.58		0.02	0.02	0.76	0.76	15.9	15.9	7.72	7.95	7.46	1.27	105.6	
	Minör				7.36	8.33	13.52	6.99	6.99	13.52		0.05	0.04		28.61	13.75	15.93	14.13	3.02	105.6	
S03	Majör				22.2	23.95	10.74	11.53		0.01	0.02	0.28	0.27	15.9	15.9	12.15	8.15	9.67	1.33	105.6	
	Minör				7.02	7.68	11.35	6.99		0.01	0.01	0.05	0.03	15.9	15.9	9.51	9.71	9.15	3.05	105.6	
S04	Majör				22.12	23.64	10.74	11.61		0.07	0.09	0.34	0.25	15.9	15.9	8.67	9.24	8.53	19.1	105.6	
	Minör				7	7.57		11.53	10.74	0.98	0.8	0.09	0.01	15.9	15.9	7.12	14.93	10.5	2.41	105.6	
S05	Majör				24.09	27.6	11.35	11.58	11.58	11.35	0.38	0.14	0.89	0.55	31.79	31.79	8.82	19.7	13.58	1.89	105.6
	Minör				7.73	9.05	10.74	11.61	11.61	10.74		0.02	0.02		30.94	15.74	15.34	14.8	2.86	105.6	
S06	Majör				22.13	23.65		11.61	10.74	0.07	0.09	0.34	0.25	15.9	15.9	8.69	9.22	8.53	19.09	105.6	
	Minör				7	7.57		11.53	10.74	0.98	0.8	0.09	0.01	15.9	15.9	7.12	14.92	10.5	2.4	105.6	
S07	Majör				21.97	23.53	10.74	11.61		6.62	6.61	20.98	20.97	15.9	15.9	7.95	7.95	7.57	18.78	105.6	
	Minör				6.94	7.52				1.51	1.31	0.12	0.04				0	3.69	105.6		
S08	Majör				15.6	17.92	10.74	22.78	22.78	10.74					30.5	30.5	29.05	1.05	110		
	Minör				15.6	17.92	10.74	11.61	11.61	10.74	3.1	3.23	6.3	5.56	30.94	30.94	15.8	16.43	15.35	3.97	110
S09	Majör				21.95	23.49		11.61	10.74	6.62	6.61	20.98	20.97	15.9	15.9	7.94	7.95	7.57	18.78	105.6	
	Minör				6.93	7.51				1.51	1.31	0.12	0.04				0	3.69	105.6		
S10	Majör				22.12	23.64	10.74	11.61		0.07	0.09	0.34	0.25	15.9	15.9	8.67	9.24	8.53	19.1	105.6	
	Minör				6.99	7.56	10.74	11.53		0.98	0.8	0.09	0.01	15.9	15.9	7.13	14.93	10.5	2.41	105.6	
S11	Majör				23.8	27.04	10.74	11.51	11.58	10.74	0	0	0	30.94	30.94	13.66	21.01	16.51	1.71	105.6	
	Minör				7.62	8.84	10.74	11.61	11.54	10.74		0.02	0.02		30.94	15.11	15.79	14.71	2.89	105.6	
S12	Majör				21.75	22.91		11.54	10.74	0.07	0.09	0.34	0.25	15.9	15.9	8.78	9.23	8.57	19.08	105.6	
	Minör				6.86	7.29	10.74	11.35		1	0.81	0.09	0	15.9	15.9	7.11	15.05	10.55	2.38	105.6	
S13	Majör				22.2	23.95		11.53	10.74	0.01	0.02	0.28	0.27	15.9	15.9	12.15	8.14	9.66	1.33	105.6	
	Minör				7.02	7.68		6.99	11.35	0.01	0.01	0.05	0.03	15.9	15.9	9.56	9.71	9.18	3.05	105.6	
S14	Majör				22.68	24.89		11.51	10.74	0.01	0.02	0	0	15.9	15.9	9.09	9.02	8.62	1.25	105.6	
	Minör				7.21	8.03	13.52	6.99	6.91	13.52		0.05	0.04		28.61	12.82	15.69	13.58	3.04	105.6	
S15	Majör				21.78	23.13		11.35	10.74	0	0.02	0.28	0.27	15.9	15.9	14.73	8.09	10.86	1.3	105.6	
	Minör				6.87	7.37	11.35	6.91		0	0.01	0.05	0.03	15.9	15.9	10.42	9.34	9.41	3.03	105.6	
1. KAT																					
S01	Majör				23.95	46.11	10.74	11.52		0.6	0.61	0.13	0.13	15.9	15.9	7.99	7.98	7.61	2.55	176	
	Minör				7.68	16.57		6.98	11.35	0.04	0.05	0.03	0.02	15.9	15.9	8.09	8.52	7.91	5.04	176	
S02	Majör				25.69	49.37	10.74	11.57		0.76	0.76	2.37	2.37	15.9	15.9	7.94	7.95	7.57	2.83	176	
	Minör				8.33	17.88	13.52	6.98	6.98	13.52	3	3.05	0.02	0.02	28.61	28.61	14.43	14.44	13.74	4.92	176
S03	Majör				23.95	46.11	10.74	11.52		0.6	0.61	0.13	0.13	15.9	15.9	7.99	7.98				

Deprem Yönetmeliği Kolon Tahkikleri (Güçlü Kolon ve Kesme Kuvveti)

İsim	Yön	Zk	Maf	Mra	Mrü	Mrj+	Mrj-	Mri+	Mri-Mha+1	Mhü	Mha	Mhü-1	SMpü	SMpa	Mü	Ma	Ve	Ve(R=2)	VMaks	
S08	Majör			17.92	19.98	10.74	22.75	22.75	10.74		0.55	0.21		45.66	35.31	33.09	32.58	0.81	110	
	Minör			17.92	19.98	10.74	11.6	11.6	10.74	6.3	5.56	6.01	6.15	30.94	30.94	14.51	15.29	14.19	0.58	110
S09	Majör			23.49	45.24			11.6	10.74	0	0	0	0	15.9	15.9	10.88	14.82	12.24	28.72	176
	Minör			7.51	16.22					1.27	2.57	2.67	0.9					0	6.86	176
S10	Majör			23.64	45.39	10.74	11.6			0.01	0.52	0.31	0.04	15.9	15.9	15.72	14.14	14.22	28.58	176
	Minör			7.56	16.28	10.74	11.52			0.78	1.4	1.66	0.34	15.9	15.9	10.21	13.21	11.15	4.27	176
S11	Majör			27.04	51.8	10.74	11.5	11.57	10.74	0	0	0	0	30.94	30.94	16.59	30.72	22.53	3.44	176
	Minör			8.84	18.85	10.74	11.6	11.53	10.74	2.97	3.28	6.84	6.76	30.94	30.94	16.23	15.55	15.13	4.66	176
S12	Majör			22.91	44.02			11.53	10.74	0.01	0.52	0.31	0.04	15.9	15.9	15.66	14.11	14.18	28.57	176
	Minör			7.29	15.73	10.74	11.35			0.79	1.41	1.67	0.34	15.9	15.9	10.2	13.19	11.14	4.18	176
S13	Majör			23.95	46.11			11.52	10.74	0.6	0.61	0.13	0.13	15.9	15.9	7.99	7.98	7.61	2.57	176
	Minör			7.68	16.57			6.98	11.35	0.04	0.05	0.03	0.02	15.9	15.9	8.09	8.52	7.91	5.04	176
S14	Majör			24.89	47.86			11.5	10.74	0.76	0.76	0	0	15.9	15.9	7.95	14.82	10.85	2.76	176
	Minör			8.03	17.27	13.52	6.98	6.91	13.52	3	3.04	0.02	0.02	28.61	28.61	14.41	14.4	13.72	4.99	176
S15	Majör			23.13	44.57			11.35	10.74	0.6	0.61	0.13	0.13	15.9	15.9	7.98	7.97	7.6	2.48	176
	Minör			7.37	15.95	11.35	6.91			0.04	0.04	0.02	0.02	15.9	15.9	8.06	8.4	7.84	5.03	176
ZEMİN KAT																				
S01	Majör			46.11	48.68	10.74	11.52			2.3	2.3			15.9		7.95	77.46	40.67	3.99	176
	Minör			16.57	17.6			6.98	11.35	0.02	0.02			15.9		8.66	28.36	17.63	4.75	176
S02	Majör			49.37	52.91	10.74	11.57			2.37	2.37			15.9		7.95	88.18	45.77	3.78	176
	Minör			17.88	19.29	13.52	6.98	6.98	13.52	6.85	6.83			28.61		14.28	32.65	22.35	4.59	176
S03	Majör			46.11	48.68	10.74	11.52			2.3	2.3			15.9		7.95	77.46	40.67	3.99	176
	Minör			16.57	17.6	11.35	6.98			0.02	0.02			15.9		8.65	28.36	17.63	4.76	176
S04	Majör			45.4	47.69	10.74	11.6			0.16	0.19			15.9		8.55	80.6	42.45	26.46	176
	Minör			16.29	17.21			11.52	10.74	0.04	0.03			15.9		6.47	29.62	17.19	2.12	176
S05	Majör			52.83	57.31	11.35	11.57	11.57	11.35	2.5	2.31			31.79		15.24	100.18	54.96	3.88	176
	Minör			19.26	21.05	10.74	11.6	11.6	10.74	0.01	0.01			30.94		15.62	37.45	25.27	4.71	176
S06	Majör			45.41	47.71			11.6	10.74	0.16	0.19			15.9		8.57	80.65	42.48	26.48	176
	Minör			16.29	17.21			11.52	10.74	0.04	0.03			15.9		6.47	29.64	17.19	2.12	176
S07	Majör			45.3	47.67	10.74	11.6			42.94	42.94			15.9		7.95	76.17	40.06	26.26	176
	Minör			16.25	17.19					0.05	0.03						27.85	13.26	3.16	176
S08	Majör			19.98	21.94	10.74	22.75	22.75	10.74	0.55	0.21			45.66		12.57	39.61	24.85	0.93	110
	Minör			19.98	21.94	10.74	11.6	11.6	10.74	6.01	6.15			30.94		15.65	39.61	26.32	5.41	110
S09	Majör			45.24	47.6			11.6	10.74	42.94	42.94			15.9		7.95	75.98	39.96	26.27	176
	Minör			16.22	17.17					0.05	0.03						27.77	13.22	3.17	176
S10	Majör			45.39	47.68	10.74	11.6			0.16	0.19			15.9		8.55	80.55	42.43	26.47	176
	Minör			16.28	17.2	10.74	11.52			0.04	0.03			15.9		6.47	29.6	17.18	2.12	176
S11	Majör			51.8	56	10.74	11.5	11.57	10.74	2.49	2.31			30.94		14.9	96.34	52.97	3.91	176
	Minör			18.85	20.53	10.74	11.6	11.53	10.74	0.01	0.01			30.94		15.55	35.91	24.5	4.74	176
S12	Majör			44.02	45.87			11.53	10.74	0.16	0.19			15.9		8.58	74.92	39.76	26.41	176
	Minör			15.73	16.48	10.74	11.35			0.04	0.03			15.9		6.5	27.35	16.12	2.1	176
S13	Majör			46.11	48.68			11.52	10.74	2.3	2.3			15.9		7.95	77.46	40.67	3.99	176
	Minör			16.57	17.6			6.98	11.35	0.02	0.02			15.9		8.66	28.36	17.63	4.75	176
S14	Majör			47.86	50.94			11.5	10.74	2.37	2.37			15.9		7.95	82.11	42.89	3.75	176
	Minör			17.27	18.5	13.52	6.98	6.91	13.52	6.85	6.83			28.61		14.29	30.22	21.2	4.62	176
S15	Majör			44.57	46.64			11.35	10.74	2.3	2.3			15.9		7.95	71	37.59	3.96	176
	Minör			15.95	16.78	11.35	6.91			0.02	0.02			15.9		8.5	25.78	16.32	4.7	176

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ

1. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
3. KAT	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.36	29.33	17.46	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.5	25.53	27.18	216	Kuşatılmamış
	S07	0.8	K5	0.3			0.3	0.23	5.65		5.34		2.46	27.23	25.58	216	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	1.17	56.56	56.56	225	Kuşatılmamış
	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.45	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.38	25.66	27.31	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.12	53.12	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
2. KAT	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.36	29.33	17.46	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.5	25.53	27.18	216	Kuşatılmamış
	S07	0.8	K5	0.3			0.3	0.23	5.65		5.34		2.46	27.23	25.58	216	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	1.14	56.59	56.59	225	Kuşatılmamış
	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.45	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.38	25.66	27.31	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.12	53.12	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
1. KAT	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		0.87	16.94	28.82	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.86	52.58	52.58	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		0.87	28.82	16.94	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		5.45	24.24	22.59	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.82	56.91	56.91	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		5.45	22.59	24.24	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		5.32	24.37	22.72	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
	S09	1	K6	0.3			0.4	0.3	5.34		5.65		5.32	22.72	24.37	360	Kuşatılmamış
	S10	1	K7	0.3			0.3	0.3	5.65		5.34		5.18	24.51	22.86	270	Kuşatılmamış
	S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.79	56.94	56.94	108	Kuşatılmamış
	S12	1	K8	0.3			0.3	0.3	5.34		5.65		5.18	22.86	24.51	270	Kuşatılmamış
	S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		0.8	17.02	28.89	108	Kuşatılmamış
	S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.79	52.65	52.65	108	Kuşatılmamış
	S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		0.79	28.89	17.02	108	Kuşatılmamış
ZEMİN KAT	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		1.27	16.54	28.42	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.26	52.18	52.18	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		1.27	28.42	16.54	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		7.32	22.37	20.72	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.3	56.42	56.42	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		7.32	20.72	22.37	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		7.42	22.27	20.62	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
	S09	1	K6	0.3			0.4	0.3	5.34		5.65		7.42	20.62	22.27	360	Kuşatılmamış
	S10	1	K7	0.3			0.3	0.3	5.65		5.34		7.49	22.2	20.55	270	Kuşatılmamış
	S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.32	56.41	56.41	108	Kuşatılmamış
	S12	1	K8	0.3			0.3	0.3	5.34		5.65		7.5	20.54	22.19	270	Kuşatılmamış
	S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		1.33	16.49	28.36	108	Kuşatılmamış
	S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.31	52.13	52.13	108	Kuşatılmamış
	S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		1.32	28.37	16.49	108	Kuşatılmamış

2. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
3. KAT	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.13	53.13	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.38	25.65	27.3	216	Kuşatılmamış

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ**2. Deprem Yüklemesi**

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
2. KAT	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.46	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.51	25.53	27.18	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.35	29.34	17.46	81	Kuşatılmamış
	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.13	53.13	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.38	25.65	27.3	216	Kuşatılmamış
	S07	0.8	K5	0.3			0.3	0.23	5.65		5.34		2.46	27.23	25.58	216	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	1.14	56.59	56.59	225	Kuşatılmamış
1. KAT	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.46	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.51	25.53	27.18	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.35	29.34	17.46	81	Kuşatılmamış
	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		0.8	17.02	28.89	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.79	52.65	52.65	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		0.8	28.89	17.02	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		5.18	24.51	22.86	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.79	56.94	56.94	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		5.18	22.86	24.51	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		5.32	24.37	22.72	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
ZEMİN KAT	S09	1	K6	0.3			0.4	0.3	5.34		5.65		5.32	22.72	24.37	360	Kuşatılmamış
	S10	1	K7	0.3			0.3	0.3	5.65		5.34		5.45	24.24	22.59	270	Kuşatılmamış
	S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.82	56.91	56.91	108	Kuşatılmamış
	S12	1	K8	0.3			0.3	0.3	5.34		5.65		5.45	22.59	24.24	270	Kuşatılmamış
	S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		0.87	16.94	28.82	108	Kuşatılmamış
	S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.86	52.58	52.58	108	Kuşatılmamış
	S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		0.87	28.82	16.95	108	Kuşatılmamış
	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		1.33	16.49	28.36	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.31	52.12	52.12	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		1.33	28.36	16.49	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		7.49	22.2	20.55	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.32	56.41	56.41	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		7.49	20.55	22.2	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		7.42	22.27	20.62	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
S09	1	K6	0.3			0.4	0.3	5.34		5.65		7.42	20.62	22.27	360	Kuşatılmamış	
S10	1	K7	0.3			0.3	0.3	5.65		5.34		7.32	22.37	20.72	270	Kuşatılmamış	
S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.3	56.42	56.42	108	Kuşatılmamış	
S12	1	K8	0.3			0.3	0.3	5.34		5.65		7.32	20.72	22.37	270	Kuşatılmamış	
S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		1.27	16.54	28.42	108	Kuşatılmamış	
S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.26	52.18	52.18	108	Kuşatılmamış	
S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		1.27	28.42	16.55	108	Kuşatılmamış	

3. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim	
3. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış	
	S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış	
	S03	0.8	K18	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış	
	S04	0.3	K12	0.3			0.3	0.6	5.65		5.34		0.76	28.93	27.28	81	Kuşatılmamış	
	S05	0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış	
	S06	0.3	K18	0.3			0.3	0.6	5.65		5.34		0.85	28.84	27.19	81	Kuşatılmamış	
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.49	86.92	86.92	225	Kuşatılmamış	
	S10	0.3	K11	0.3			0.3	0.6	5.34		5.65		0.76	27.28	28.93	81	Kuşatılmamış	
	S11	0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.39	57.39	216	Kuşatılmamış	
	S12	0.3	K17	0.3			0.3	0.6	5.34		5.65		0.86	27.18	28.83	81	Kuşatılmamış	
	S13	0.8	K11	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış	
	S14	0.8	K13	0.3			0.3	0.23	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış	
	S15	0.8	K17	0.3			0.3	0.22	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış	
	2. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış
		S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış
S03		0.8	K18	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış	
S04		0.3	K12	0.3			0.3	0.6	5.65		5.34		0.58	29.1	27.46	81	Kuşatılmamış	
S05		0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış	

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ

3. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
1. KAT	S10	0.3	K11	0.3			0.3	0.6	5.34		5.65		0.58	27.46	29.1	81	Kuşatılmamış
	S11	0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.39	57.39	216	Kuşatılmamış
	S12	0.3	K17	0.3			0.3	0.6	5.34		5.65		0.66	27.38	29.03	81	Kuşatılmamış
	S13	0.8	K11	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış
	S14	0.8	K13	0.3			0.3	0.23	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış
	S15	0.8	K17	0.3			0.3	0.22	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış
	S01	1	K12	0.3			0.3	0.3	5.34		5.65		0.21	27.83	29.48	270	Kuşatılmamış
	S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.28	27.76	29.41	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.34	27.7	29.35	270	Kuşatılmamış
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.58	29.1	27.46	108	Kuşatılmamış
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.38	58.99	58.99	360	Kuşatılmamış
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.65	29.03	27.38	108	Kuşatılmamış
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.58	27.46	29.1	108	Kuşatılmamış
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.37	57.35	57.35	360	Kuşatılmamış
ZEMİN KAT	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.66	27.38	29.03	108	Kuşatılmamış
	S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.21	29.48	27.83	270	Kuşatılmamış
	S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.28	29.41	27.76	360	Kuşatılmamış
	S15	1	K17	0.3			0.3	0.3	5.65		5.34		0.34	29.35	27.7	270	Kuşatılmamış
	S01	1	K12	0.3			0.3	0.3	5.34		5.65		0.63	27.41	29.06	270	Kuşatılmamış
	S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.6	27.44	29.09	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.57	27.47	29.12	270	Kuşatılmamış
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.6	29.09	27.44	108	Kuşatılmamış
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.72	58.65	58.65	360	Kuşatılmamış
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.58	29.11	27.46	108	Kuşatılmamış
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.6	27.44	29.09	108	Kuşatılmamış
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.71	57.02	57.02	360	Kuşatılmamış
	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.58	27.46	29.11	108	Kuşatılmamış
	S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.63	29.06	27.41	270	Kuşatılmamış
S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.6	29.09	27.44	360	Kuşatılmamış	
S15	1	K17	0.3			0.3	0.3	5.65		5.34		0.57	29.12	27.47	270	Kuşatılmamış	

4. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim	
3. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış	
	S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış	
	S03	0.8	K18	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış	
	S04	0.3	K12	0.3			0.3	0.6	5.65		5.34		0.85	28.84	27.19	81	Kuşatılmamış	
	S05	0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış	
	S06	0.3	K18	0.3			0.3	0.6	5.65		5.34		0.76	28.93	27.28	81	Kuşatılmamış	
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.49	86.92	86.92	225	Kuşatılmamış	
	S10	0.3	K11	0.3			0.3	0.6	5.34		5.65		0.84	27.19	28.84	81	Kuşatılmamış	
	S11	0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.4	57.4	216	Kuşatılmamış	
	S12	0.3	K17	0.3			0.3	0.6	5.34		5.65		0.77	27.26	28.91	81	Kuşatılmamış	
	S13	0.8	K11	0.3			0.3	0.22	5.65		5.34		0.01	29.67	28.02	216	Kuşatılmamış	
	S14	0.8	K13	0.3			0.3	0.23	5.65		5.34		0	29.68	28.04	216	Kuşatılmamış	
	S15	0.8	K17	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış	
	2. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış
		S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış
S03		0.8	K18	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış	
S04		0.3	K12	0.3			0.3	0.6	5.65		5.34		0.65	29.03	27.38	81	Kuşatılmamış	
S05		0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış	
S06		0.3	K18	0.3			0.3	0.6	5.65		5.34		0.58	29.1	27.46	81	Kuşatılmamış	
S08		0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.3	87.11	87.11	225	Kuşatılmamış	
S10		0.3	K11	0.3			0.3	0.6	5.34		5.65		0.65	27.38	29.03	81	Kuşatılmamış	
S11		0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.4	57.4	216	Kuşatılmamış	
S12		0.3	K17	0.3			0.3	0.6	5.34		5.65		0.59	27.45	29.1	81	Kuşatılmamış	
S13		0.8	K11	0.3			0.3	0.22	5.65		5.34		0.01	29.67	28.02	216	Kuşatılmamış	
S14		0.8	K13	0.3			0.3	0.23	5.65		5.34		0	29.68	28.04	216	Kuşatılmamış	
S15		0.8	K17	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış	
1. KAT		S01	1	K12	0.3			0.3	0.3	5.34		5.65		0.34	27.7	29.35	270	Kuşatılmamış
		S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.28	27.76	29.41	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.21	27.83	29.48	270	Kuşatılmamış	
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.65	29.03	27.38	108	Kuşatılmamış	
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.38	58.99	58.99	360	Kuşatılmamış	
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.58	29.1	27.46	108	Kuşatılmamış	
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış	
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.65	27.38	29.03	108	Kuşatılmamış	
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.37	57.35	57.35	360	Kuşatılmamış	
	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.59	27.45	29.1	108	Kuşatılmamış	
S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.34	29.35	27.7	270	Kuşatılmamış		
S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.28	29.41	27.76	360	Kuşatılmamış		

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ

4. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
	S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.6	27.44	29.09	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.63	27.41	29.06	270	Kuşatılmamış
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.58	29.11	27.46	108	Kuşatılmamış
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.72	58.65	58.65	360	Kuşatılmamış
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.6	29.09	27.44	108	Kuşatılmamış
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.58	27.46	29.11	108	Kuşatılmamış
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.71	57.02	57.02	360	Kuşatılmamış
	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.6	27.44	29.09	108	Kuşatılmamış
	S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.57	29.12	27.47	270	Kuşatılmamış
	S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.6	29.09	27.44	360	Kuşatılmamış
	S15	1	K17	0.3			0.3	0.3	5.65		5.34		0.63	29.06	27.41	270	Kuşatılmamış

PERDELER

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17
BETON KARAKTERİSTİK DAYANIMI(kg/cm2) :	300	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI :	1.4
BETON MALZEME KATSAYISI :	1.5	TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI :	1.6
BETON BASINÇ HESAP DAYANIMI (kg/cm2) :	200	SÜNEKLİK (X/Y):	YÜKSEK / YÜKSEK
PASPAYI (cm) :	2.5	PERDE UÇ As/PERDE GÖVDE As :	50
ÇELİK AKMA DAYANIMI (kg/cm2) :	4200	PERDE MİNİMUM UÇ PURSANTAJI :	0.001
ÇELİK MALZEME KATSAYISI :	1.15	PERDE MİNİMUM GÖVDE PURSANTAJI :	0.0025
ETRIYE ÇELİK AKMA DAYANIMI (kg/cm2) :	4200	ETRIYE ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17

Perdelerin Tasarım Eğilme Momentleri

İsim	my1Ü	my2Ü	my3Ü	my4Ü	my1A	my2A	my3A	my4A	Hw	Hcr	2.5.2.3 katsayısı
3. KAT											
P01	1.02	-1.02	3.88	5.04	1.83	-1.84	6.96	9.05	10.8	3.4	
P02	1.02	-1.02	3.88	5.04	1.83	-1.84	6.96	9.05	10.8	3.4	
P03	-1.02	1.02	5.04	3.88	-1.83	1.84	9.04	6.95	10.8	3.4	
P04	-1.02	1.02	5.04	3.88	-1.83	1.84	9.04	6.95	10.8	3.4	
2. KAT											
P01	5.03	-5.04	20.98	26.72	7.26	-7.27	30.27	38.54	10.8	3.4	
P02	5.03	-5.04	20.98	26.72	7.26	-7.27	30.27	38.54	10.8	3.4	
P03	-5.03	5.04	26.7	20.97	-7.26	7.27	38.52	30.26	10.8	3.4	
P04	-5.03	5.04	26.7	20.97	-7.26	7.27	38.52	30.26	10.8	3.4	
1. KAT											
P01	3.07	-3.08	60.28	63.78	3.77	-3.78	73.98	78.27	10.8	3.4	
P02	3.07	-3.08	60.28	63.78	3.77	-3.78	73.98	78.27	10.8	3.4	
P03	-3.07	3.08	63.77	60.27	-3.77	3.78	78.26	73.97	10.8	3.4	
P04	-3.07	3.08	63.77	60.27	-3.77	3.78	78.26	73.97	10.8	3.4	
ZEMİN KAT											
P01	0.24	-0.24	115.38	115.65	0.24	-0.24	115.38	115.65	10.8	3.4	
P02	0.24	-0.24	115.38	115.65	0.24	-0.24	115.38	115.65	10.8	3.4	
P03	-0.24	0.24	115.66	115.38	-0.24	0.24	115.66	115.38	10.8	3.4	
P04	-0.24	0.24	115.66	115.38	-0.24	0.24	115.66	115.38	10.8	3.4	

Perde Betonarme Hesap Sonuç ve Donatıları

İsim	lw	bw	Yükleme	N	Mx	My	MevAs	Sol	Orta	Sağ	atay	Göv	UçEtr	Mp	Md	Vd	Ve	Ve(R=2)	Vr
3. KAT																			
P01	3.55	0.3	0.9G+E4Alt	7.78	-1.49	9.64	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	5.96	22.08	20.76	208.73	
P02	3.55	0.3	0.9G+E4Alt	7.78	1.51	9.64	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	5.96	22.08	20.76	208.73	
P03	3.55	0.3	0.9G+E3Alt	7.78	1.51	9.73	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	6.01	22.28	20.8	208.73	
P04	3.55	0.3	0.9G+E3Alt	7.78	-1.49	9.73	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	6.01	22.28	20.8	208.73	
2. KAT																			
P01	3.55	0.3	0.9G+E4Alt	15.56	2.75	40.84	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	11.63	43.11	40.54	208.73	
P02	3.55	0.3	0.9G+E4Alt	15.56	-2.74	40.85	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	11.63	43.11	40.54	208.73	
P03	3.55	0.3	0.9G+E3Alt	15.56	-2.74	40.97	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	11.66	43.21	40.56	208.73	
P04	3.55	0.3	0.9G+E3Alt	15.56	2.75	40.98	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	11.66	43.21	40.56	208.73	
1. KAT																			
P01	3.4	0.3	0.9G+E4Alt	23.01	2.59	79.77	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	13.79	51.09	47.81	206.93	
P02	3.4	0.3	0.9G+E4Alt	23.01	-2.59	79.77	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	13.79	51.09	47.81	206.93	
P03	3.4	0.3	0.9G+E3Alt	23.01	-2.59	79.83	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	13.74	50.93	47.78	206.93	
P04	3.4	0.3	0.9G+E3Alt	23.01	2.59	79.83	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	13.74	50.93	47.78	206.93	
ZEMİN KAT																			
P01	3.4	0.3	0.9G+E4Alt	30.46	-4.65	116.16	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	15.37	56.96	53.63	206.93	
P02	3.4	0.3	0.9G+E4Alt	30.46	4.65	116.16	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	15.37	56.96	53.63	206.93	
P03	3.4	0.3	0.9G+E3Alt	30.46	4.65	116.15	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	15.35	56.88	53.62	206.93	
P04	3.4	0.3	0.9G+E3Alt	30.46	-4.65	116.15	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	15.35	56.88	53.62	206.93	

RADYE DÖŞEME ELEMANLARI SONUÇLARI

Yükleme E1

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme E2

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme E3

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme E4

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme G

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme Q

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

SÜREKLİ TEMELLER

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	BETON KARAKTERİSTİK DAYANIMI(kg/cm ²) :	300
BETON MALZEME KATSAYISI :	1.5	BETON BASINÇ HESAP DAYANIMI (kg/cm ²) :	200
BETON ÇEKME HESAP DAYANIMI (kg/cm ²) :	12.78	PASPAYI (cm) :	5
ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200	ÇELİK MALZEME KATSAYISI :	1.15
ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17	ETRİYE ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200
ETRİYE ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17	TEKİL TEMEL MİN. ÇEKME PURSANTAJI :	0.002
SÜREKLİ TEMEL MİN. ÇEKME PURSANTAJI :	0.003	ZEMİN YATAK MODÜLÜ (t/m ³) :	2160
ZEMİN EMNİYET GERİLMESİ (t/m ²) :	11.4	ZEMİN BİRİM AĞIRLIĞI (t/m ³) :	2.1

Temellere Gelen Kolon Yükleri

Kolon	x	y	a	E1	E2	E3	E4	G	Q	W1	W2	W3	W4	H1	H2	H3	H4		
S01	0.2	13.5	0	N	0.01	0.01	0	0	-22.06	-2.13									
				Mx	0.08	-0.08	-4.61	-4.51	0.06	0.01									
				My	8.23	8.29	0.02	-0.02	0.09	0.01									
P01	0.15	8.9	0	N	0	0	0	0	-33.84	-2.53									
				Mx	-0.19	0.19	-100.01	-100.25	0.48	0.21									
				My	12.34	12.35	0.01	-0.01	0	0									
P02	0.15	5.1	0	N	0	0	0	0	-33.84	-2.53									
				Mx	-0.19	0.19	-100.01	-100.25	0.48	0.21									
				My	12.34	12.35	0.01	-0.01	0	0									
S02	4	13.5	0	N	0	0	0	0	-32.19	-4.23									
				Mx	0	0	-4.56	-4.56	0.02	0.02									
				My	8.23	8.28	0.02	-0.02	0	0									
S03	7.8	13.5	0	N	-0.01	-0.01	0	0	-22.06	-2.13									
				Mx	-0.08	0.08	-4.51	-4.62	0.06	0.01									
				My	8.23	8.29	0.02	-0.02	-0.1	-0.01									
P03	7.85	8.9	0	N	0	0	0	0	-33.84	-2.53									
				Mx	0.19	-0.19	-100.25	-100.01	0.47	0.21									
				My	12.34	12.35	0.01	-0.01	0	0									
P04	7.85	5.1	0	N	0	0	0	0	-33.84	-2.53									
				Mx	0.19	-0.19	-100.25	-100.01	0.47	0.21									
				My	12.35	12.34	-0.01	0.01	0	0									
S04	0.5	10.8	90	N	-0.12	0.15	-3.28	-3.45	-24.15	-3.45									
				Mx	0.02	-0.02	-1.08	-1.05	-0.03	0									
				My	50.18	50.35	0.09	-0.02	0.16	0.04									
S05	4	10.5	0	N	0	0	0	0	-43.05	-7.85									
				Mx	0	0	-4.58	-4.58	0	0.01									
				My	8.27	8.3	0.01	-0.01	0	0									
S06	7.5	10.8	90	N	0.12	-0.15	-3.45	-3.28	-24.19	-3.46									
				Mx	-0.02	0.02	-1.05	-1.08	-0.03	0									
				My	50.18	50.35	0.02	-0.09	-0.18	-0.04									
S07	0.5	7	90	N	0.02	0.02	0	0	-19.69	-2.92									
				Mx	0.02	-0.02	-1.31	-1.29	0.01	0									
				My	50.27	50.27	0	0	0.19	0.04									
S08	4	7	0	N	0	0	0	0	-42.83	-8.18									
				Mx	0	0	-0.81	-0.81	0	0									
				My	8.24	8.24	0	0	0	0									
S09	7.5	7	90	N	-0.02	-0.02	0.02	0.03	-19.55	-2.86									
				Mx	-0.02	0.02	-1.29	-1.31	0	0									
				My	50.27	50.27	0	0	-0.2	-0.04									
S10	0.5	3.2	90	N	0.15	-0.12	3.28	3.45	-24.11	-3.43									
				Mx	0.02	-0.02	-1.08	-1.05	0.03	0.01									
				My	50.35	50.18	-0.09	0.02	0.17	0.04									
S11	4	3.5	0	N	0	0	0	0	-39.78	-6.4									
				Mx	0	0	-4.58	-4.58	0	-0.01									
				My	8.3	8.27	-0.01	0.01	-0.02	-0.01									
S12	7.5	3.2	90	N	-0.15	0.12	3.43	3.26	-19.87	-1.54									
				Mx	-0.02	0.02	-1.06	-1.08	0.01	0									
				My	50.35	50.18	-0.02	0.09	-0.13	-0.02									
S13	0.2	0.5	0	N	0.01	0.01	0	0	-22.06	-2.13									
				Mx	0.08	-0.08	-4.61	-4.51	-0.03	0									
				My	8.29	8.23	-0.02	0.02	0.09	0.01									
S14	4	0.5	0	N	0	0	0	0	-27.43	-2.12									
				Mx	0	0	-4.56	-4.56	0.02	0									
				My	8.28	8.22	-0.02	0.02	-0.02	-0.01									
S15	7.8	0.5	0	N	-0.01	-0.01	0	0	-17.28	0									
				Mx	-0.08	0.08	-4.51	-4.62	-0.02	0.01									
				My	8.29	8.23	-0.02	0.02	-0.07	0									

Sürekli Temellerin Statik Hesap Sonuçları

Yüklem 1 (X YÖNÜ ± 0.05) E1 Deprem

SÜREKLİ TEMELLER**Yüklem 1 (X YÖNÜ + 0.05) E1 Deprem**

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-2.96	19.91	0.58	-8.04	-1.9	0.55
TK02	S02	S03	-8.04	1.9	0.55	-2.96	-19.91	0.58
TK03	S04	S05	-15.54	45	-0.33	-17.66	-2.85	-0.32
TK04	S05	S06	-17.66	2.85	-0.32	-15.53	-45	-0.33
TK05	S07	S08	-16.95	49.77	0.04	-18.95	-0.94	0.04
TK06	S08	S09	-18.95	0.94	0.04	-16.95	-49.77	0.04
TK07	S10	S11	-15.48	44.95	0.4	-17.66	-2.84	0.39
TK08	S11	S12	-17.67	2.84	0.39	-15.48	-44.95	0.4
TK09	S13	S14	-2.89	19.89	-0.53	-8.07	-1.91	-0.5
TK10	S14	S15	-8.08	1.91	-0.51	-2.89	-19.89	-0.53
TK11	S13	S10	0.04	1.27	9.85	-6.98	-5.58	10.79
TK12	S10	S07	5.53	-10.54	0.31	-6.99	-12.87	2.25
TK13	S07	S04	7	-12.9	-2.6	-5.45	-10.23	-0.66
TK14	S04	S01	6.75	-5.32	-10.86	-0.16	1.17	-9.92
TK15	S14	S11	0	0	-3.26	0	0	-3.09
TK16	S11	S08	0	0	-0.68	0	0	-0.56
TK17	S08	S05	0	0	0.48	0	0	0.6
TK18	S05	S02	0	0	3.05	0	0	3.22
TK19	S15	S12	-0.03	-1.27	9.85	6.98	5.58	10.79
TK20	S12	S09	-5.53	10.54	0.31	6.99	12.87	2.25
TK21	S09	S06	-7	12.9	-2.6	5.45	10.23	-0.66
TK22	S06	S03	-6.75	5.32	-10.86	0.16	-1.17	-9.92

Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-2.89	19.89	0.53	-8.07	-1.91	0.5
TK02	S02	S03	-8.07	1.91	0.5	-2.89	-19.89	0.53
TK03	S04	S05	-15.48	44.95	-0.4	-17.67	-2.84	-0.39
TK04	S05	S06	-17.66	2.84	-0.39	-15.48	-44.95	-0.4
TK05	S07	S08	-16.95	49.77	-0.04	-18.95	-0.94	-0.04
TK06	S08	S09	-18.95	0.94	-0.04	-16.95	-49.77	-0.04
TK07	S10	S11	-15.53	45	0.33	-17.66	-2.85	0.32
TK08	S11	S12	-17.67	2.85	0.31	-15.54	-45	0.33
TK09	S13	S14	-2.96	19.91	-0.58	-8.04	-1.9	-0.56
TK10	S14	S15	-8.04	1.9	-0.56	-2.96	-19.91	-0.58
TK11	S13	S10	0.16	1.17	9.92	-6.75	-5.32	10.86
TK12	S10	S07	5.45	-10.22	0.66	-7	-12.9	2.6
TK13	S07	S04	6.99	-12.87	-2.25	-5.53	-10.54	-0.31
TK14	S04	S01	6.98	-5.58	-10.79	-0.04	1.27	-9.85
TK15	S14	S11	0	0	-3.22	0	0	-3.05
TK16	S11	S08	0	0	-0.6	0	0	-0.48
TK17	S08	S05	0	0	0.56	0	0	0.68
TK18	S05	S02	0	0	3.09	0	0	3.27
TK19	S15	S12	-0.16	-1.17	9.93	6.75	5.33	10.86
TK20	S12	S09	-5.45	10.23	0.66	7	12.91	2.6
TK21	S09	S06	-7	12.87	-2.25	5.53	10.54	-0.31
TK22	S06	S03	-6.98	5.58	-10.79	0.04	-1.27	-9.85

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-6.83	2.55	-0.98	0.48	-7.07	-1.05
TK02	S02	S03	-0.47	-7.08	1.1	6.87	2.6	1.03
TK03	S04	S05	-8.02	4.6	2.14	-3.55	-10.91	1.89
TK04	S05	S06	3.59	-10.95	-1.92	8.08	4.7	-2.17
TK05	S07	S08	0	0	2.12	0	0	1.85
TK06	S08	S09	0	0	-1.89	0	0	-2.15
TK07	S10	S11	8.02	-4.6	2.14	3.55	10.91	1.89
TK08	S11	S12	-3.59	10.95	-1.92	-8.08	-4.7	-2.17
TK09	S13	S14	6.83	-2.55	-0.98	-0.48	7.07	-1.05
TK10	S14	S15	0.47	7.08	1.1	-6.87	-2.6	1.03
TK11	S13	S10	-9.11	2.19	-1.47	-14.8	-21.77	-1.34
TK12	S10	S07	-4.47	-27.35	-10.38	-8.84	5.5	-10.29
TK13	S07	S04	-8.85	-5.5	-10.29	-4.47	27.35	-10.38
TK14	S04	S01	-14.8	21.77	-1.34	-9.11	-2.19	-1.47
TK15	S14	S11	-2.45	2.08	-0.01	-5.42	-5.88	-0.01
TK16	S11	S08	0.08	0.5	0.02	-1.45	-1.95	0.02
TK17	S08	S05	-1.45	1.95	0.02	0.08	-0.5	0.02
TK18	S05	S02	-5.42	5.88	-0.01	-2.45	-2.08	-0.01
TK19	S15	S12	-9.16	2.1	1.48	-14.88	-21.98	1.34
TK20	S12	S09	-4.42	-27.6	10.4	-8.83	5.49	10.31
TK21	S09	S06	-8.8	-5.58	10.31	-4.39	27.6	10.4
TK22	S06	S03	-14.88	21.98	1.34	-9.16	-2.1	1.48

SÜREKLİ TEMELLER**Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem**

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-6.87	2.6	-1.03	0.47	-7.08	-1.1
TK02	S02	S03	-0.48	-7.07	1.05	6.83	2.54	0.98
TK03	S04	S05	-8.09	4.7	2.17	-3.59	-10.95	1.92
TK04	S05	S06	3.55	-10.91	-1.89	8.02	4.6	-2.14
TK05	S07	S08	0	0	2.15	0	0	1.89
TK06	S08	S09	0	0	-1.85	0	0	-2.12
TK07	S10	S11	8.09	-4.7	2.17	3.59	10.95	1.92
TK08	S11	S12	-3.55	10.91	-1.89	-8.02	-4.59	-2.14
TK09	S13	S14	6.87	-2.6	-1.03	-0.47	7.08	-1.1
TK10	S14	S15	0.48	7.07	1.05	-6.83	-2.54	0.98
TK11	S13	S10	-9.16	2.1	-1.48	-14.88	-21.99	-1.34
TK12	S10	S07	-4.4	-27.61	-10.41	-8.81	5.53	-10.31
TK13	S07	S04	-8.81	-5.53	-10.31	-4.4	27.61	-10.41
TK14	S04	S01	-14.88	21.99	-1.34	-9.16	-2.1	-1.48
TK15	S14	S11	-2.45	2.08	0.01	-5.42	-5.88	0.01
TK16	S11	S08	0.08	0.5	-0.02	-1.45	-1.95	-0.02
TK17	S08	S05	-1.45	1.95	-0.02	0.08	-0.5	-0.02
TK18	S05	S02	-5.42	5.88	0.01	-2.45	-2.08	0.01
TK19	S15	S12	-9.11	2.19	1.47	-14.8	-21.76	1.34
TK20	S12	S09	-4.48	-27.34	10.38	-8.86	5.45	10.28
TK21	S09	S06	-8.83	-5.55	10.28	-4.46	27.34	10.38
TK22	S06	S03	-14.8	21.76	1.34	-9.11	-2.19	1.47

Yüklem 5 G DÜŞEY

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-13.37	-3.56	-0.39	12.25	-3.72	-0.42
TK02	S02	S03	-12.09	-3.81	0.27	13.73	-2.87	0.23
TK03	S04	S05	-10.73	-6.55	0	10.13	-6.48	0
TK04	S05	S06	-9.62	-6.61	-0.6	11.22	-5.27	-0.62
TK05	S07	S08	-10.87	-6.23	-0.32	9.62	-6.98	-0.34
TK06	S08	S09	-9.31	-6.93	-0.38	10.7	-5.79	-0.42
TK07	S10	S11	-10.93	-5.53	-0.65	9.19	-6.86	-0.69
TK08	S11	S12	-9.06	-6.73	-0.14	10.01	-6.09	-0.21
TK09	S13	S14	-13.3	-2.72	-0.21	10.66	-4.83	-0.24
TK10	S14	S15	-10.21	-4.26	-0.88	11.42	-3.35	-0.97
TK11	S13	S10	-4.05	-2.74	1.52	13.2	6.31	1.09
TK12	S10	S07	0.69	7.11	1.73	6.8	19.92	1.03
TK13	S07	S04	-7.16	20.15	0.87	-0.88	6.8	0.19
TK14	S04	S01	-13.67	6.44	-0.27	3.86	-3.29	-0.67
TK15	S14	S11	-4.24	-1.82	0.44	8.31	2.15	0.39
TK16	S11	S08	-8.04	1.85	0.45	10.38	4.88	0.41
TK17	S08	S05	-10.54	4.87	0.37	8.44	1.95	0.36
TK18	S05	S02	-9.06	2.09	0.12	4.78	-2.17	0.12
TK19	S15	S12	-2.2	-2.79	0.17	12.98	7.78	0.5
TK20	S12	S09	2.99	8.45	1.01	6.97	25.09	1.59
TK21	S09	S06	-7.36	24.55	1.42	-1.82	8.92	2.03
TK22	S06	S03	-14.18	7.79	0.94	3.43	-2.92	1.33

Yüklem 6 Q DÜŞEY

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-1.29	-0.22	0	1.64	0.45	0.02
TK02	S02	S03	-1.57	0.41	-0.09	1.45	0.09	-0.07
TK03	S04	S05	-0.72	-0.76	0.12	1.97	0.99	0.12
TK04	S05	S06	-1.75	0.93	-0.39	0.94	-0.19	-0.39
TK05	S07	S08	-0.39	-0.99	-0.14	2.24	1.55	-0.15
TK06	S08	S09	-2.1	1.57	-0.17	0.32	-0.79	-0.19
TK07	S10	S11	-0.81	-0.31	-0.4	1.55	0.82	-0.43
TK08	S11	S12	-1.5	0.88	0.06	0.4	-0.56	0.02
TK09	S13	S14	-1.26	0.15	-0.27	0.94	-0.05	-0.32
TK10	S14	S15	-0.74	0.2	-0.18	0.42	-0.13	-0.26
TK11	S13	S10	-0.2	0.03	0.55	1.62	1.42	0.52
TK12	S10	S07	-0.41	1.81	0.78	1.1	3.07	0.74
TK13	S07	S04	-1.26	3.17	0.11	0.32	1.68	0.08
TK14	S04	S01	-1.82	1.48	-0.15	0.11	-0.21	-0.17
TK15	S14	S11	0	-0.21	0.2	1.25	0.98	0.17
TK16	S11	S08	-1.01	0.59	0.2	1.41	1.05	0.18
TK17	S08	S05	-1.48	1.05	0.16	1.19	0.63	0.16
TK18	S05	S02	-1.59	0.95	0.05	0.24	-0.36	0.05
TK19	S15	S12	0.63	0.01	0.2	1.52	2.08	0.19
TK20	S12	S09	0.62	2.41	0.44	1.18	5.36	0.43
TK21	S09	S06	-1.35	5.12	0.91	-0.1	2.62	0.91
TK22	S06	S03	-2.05	2.08	0.45	-0.08	-0.05	0.46

SÜREKLİ TEMELLER

Sürekli Temel Kirişlerinin Donatıları

İsim	Temel	i	j	tz1	my1	mb1	tz2	my2	mb2	Temel		Montaj	Düz	Pilye	Gövde	Etriye	Üsttlv	Altılv	Ampt.	Temel
										MdÜst	MdAlt									
SOL						23.69	-16.7	6.87	28.5	29.25	29.25							12014	Bü=0.25	
TK01	1	1	3.4	7.64		20.73	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						10.43	-3.81	3.01	28.5	29.25	29.25							12014	Ba=0.25	
SOL						10.51	-3.68	3.04	28.5	29.25	29.25							12014	Bü=0.25	
TK02	1	1	3.4	7.7		20.28	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						22.68	-17.33	6.57	28.5	29.25	29.25							12014	Ba=0.25	
SOL						52.31	-39.1	15.26	28.5	29.25	29.25							12014	Bü=0.25	
TK03	1	1	2.8	7.64		20.05	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						16.78	-5.46	4.85	28.5	29.25	29.25							12014	Ba=0.25	
SOL						16.9	-5.27	4.89	28.5	29.25	29.25							12014	Bü=0.25	
TK04	1	1	2.8	7.63		18.67	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						50.46	-40.25	14.71	28.5	29.25	29.25							12014	Ba=0.25	
SOL						56.99	-44.16	16.64	28.5	29.25	29.25							12014	Bü=0.25	
TK05	1	1	2.75	7.64		19.94	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						7.29	0	2.11	0	29.25	10.78								Ba=0.25	
SOL						7.2	0	2.08	0	29.25	10.78								Bü=0.25	
TK06	1	1	2.75	7.47		19.03	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						56.36	-44.56	16.45	28.5	29.25	29.25							12014	Ba=0.25	
SOL						50.83	-40.02	14.82	28.5	29.25	29.25							12014	Bü=0.25	
TK07	1	1	2.8	7.38		18.69	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						17.12	-4.91	4.95	28.5	29.25	29.25							12014	Ba=0.25	
SOL						17	-5.1	4.92	28.5	29.25	29.25							12014	Bü=0.25	
TK08	1	1	2.8	7.02		18.5	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						51.65	-39.51	15.06	28.5	29.25	29.25							12014	Ba=0.25	
SOL						22.48	-17.46	6.51	28.5	29.25	29.25							12014	Bü=0.25	
TK09	1	1	3.4	7.17		19.54	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						11.96	-2.74	3.46	28.5	29.25	29.25							12014	Ba=0.25	
SOL						11.14	-3.25	3.22	28.5	29.25	29.25							12014	Bü=0.25	
TK10	1	1	3.4	6.51		17.53	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						23.38	-16.89	6.77	28.5	29.25	29.25							12014	Ba=0.25	
SOL						4.9	0	1.42	0	29.25	10.78								Bü=0.25	
TK11	1	1	2	8.36		6.3	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						16.31	-29.72	4.72	28.5	29.25	29.25							12014	Ba=0.25	
SOL						21.21	-36.53	6.14	28.5	29.25	29.25							12014	Bü=0.25	
TK12	1	1	3.4	8.59		11.18	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						0	-35.89	0	28.5	58.5	29.25							5014	Ba=0.25	
SOL						0	-36.22	0	28.5	58.5	29.25							5014	Bü=0.25	
TK13	1	1	3.4	8.64		11.24	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						21.49	-36.08	6.22	28.5	29.25	29.25							12014	Ba=0.25	
SOL						16.19	-29.91	4.68	28.5	29.25	29.25							12014	Bü=0.25	
TK14	1	1	2	8.49		6.4	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						5.69	0	1.64	0	29.25	10.78								Ba=0.25	
SOL						4.11	-0.45	1.18	28.5	29.25	29.25							12014	Bü=0.25	
TK15	1	1	2	6.61		4.98	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						3.95	-9	1.14	28.5	29.25	29.25							12014	Ba=0.25	
SOL						0	-3.53	0	28.5	29.25	29.25							12014	Bü=0.25	
TK16	1	1	2.75	7.06		8.79	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						0	-8.52	0	28.5	58.5	29.25							5014	Ba=0.25	
SOL						0	-8.49	0	28.5	58.5	29.25							5014	Bü=0.25	
TK17	1	1	2.75	7.26		9.03	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						0	-3.73	0	28.5	29.25	29.25							12014	Ba=0.25	
SOL						4	-8.92	1.15	28.5	29.25	29.25							12014	Bü=0.25	
TK18	1	1	2	7.23		5.61	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						4.62	-0.13	1.33	28.5	29.25	29.25							12014	Ba=0.25	
SOL						4.97	0	1.43	0	29.25	10.78								Bü=0.25	
TK19	1	1	2	7.36		5.55	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						14.98	-31.83	4.33	28.5	29.25	29.25							12014	Ba=0.25	
SOL						19.99	-38.46	5.79	28.5	29.25	29.25							12014	Bü=0.25	
TK20	1	1	3.4	7.99		10.4	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						0	-43.7	0	28.5	58.5	29.25							5014	Ba=0.25	
SOL						0	-42.57	0	28.5	58.5	29.25							5014	Bü=0.25	
TK21	1	1	3.4	8.43		10.97	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						19.57	-39.14	5.66	28.5	29.25	29.25							12014	Ba=0.25	
SOL						14.97	-31.86	4.33	28.5	29.25	29.25							12014	Bü=0.25	
TK22	1	1	2	8.53		6.43	0	28.5	9.75	29.25	10.78	7014	19014	10012	08/19				08/10	
SAĞ						5.16	0	1.49	0	29.25	10.78								Ba=0.25	

KOLON ETKİLERİ

İsim	Kat	d	h	Ac	As	N0	NMax	Yükleme	NdMax	Nd	Md-x	Mr-x	Md-y	Mr-y	VdMax
S01	3. KAT	0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.89	4.52	0.18	22.2	-1.1	7.02	105.6
S02		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	12.31	6.83	0.27	23.1	0.91	7.36	105.6
S03		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.89	4.52	0.18	22.2	1.1	7.02	105.6
S04		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.13	4.33	7.17	22.12	-0.52	7	105.6
S05		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	17.86	9.42	-1.24	24.09	0.23	7.73	105.6
S06		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.16	4.34	-7.19	22.13	-0.52	7	105.6
S07		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.29	3.95	7.18	21.97	0.65	6.94	105.6
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	18.91	9.96	0.3	15.6	3.11	15.6	110
S09		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.2	3.9	-7.2	21.95	-0.66	6.93	105.6
S10		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.11	4.32	7.17	22.12	0.53	6.99	105.6
S11		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	16.05	8.66	0.95	23.8	0.21	7.62	105.6
S12		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	6.87	3.38	-7.1	21.75	0.48	6.86	105.6
S13		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.89	4.52	0.18	22.2	-1.1	7.02	105.6
S14		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.81	5.77	0.22	22.68	0.96	7.21	105.6
S15		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	5.39	3.46	0.14	21.78	1.04	6.87	105.6
S01	2. KAT	0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	15.77	9.05	-0.83	23.95	-3.15	7.68	105.6
S02		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	24.62	13.66	-0.74	25.69	-3.17	8.33	105.6
S03		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	15.77	9.05	-0.82	23.95	3.16	7.68	105.6
S04		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	18.2	8.26	21.29	23.64	-0.51	7.57	105.6
S05		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	35.71	18.85	-1.05	27.6	-3.06	9.05	105.6
S06		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	18.25	8.28	-21.31	23.65	-0.5	7.57	105.6
S07		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	14.71	7.97	21.04	23.53	0.54	7.52	105.6
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	37.82	19.92	0.6	17.92	6.3	17.92	110
S09		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	14.5	7.87	-21.06	23.49	-0.54	7.51	105.6
S10		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	18.16	8.24	21.29	23.64	0.51	7.56	105.6
S11		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	32.1	17.31	0.92	27.04	3.09	8.84	105.6
S12		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	13.7	6.36	-21.31	22.91	0.46	7.29	105.6
S13		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	15.77	9.05	0.83	23.95	-3.15	7.68	105.6
S14		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	19.63	11.53	0.69	24.89	3.2	8.03	105.6
S15		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	10.77	6.92	0.78	23.13	3.16	7.37	105.6
S01	1. KAT	1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	25.03	14.44	-1	46.11	-7.04	16.57	176
S02		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	38.23	21.32	-1.14	49.37	-6.94	17.88	176
S03		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	25.03	14.44	-0.99	46.11	7.04	16.57	176
S04		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	28.85	12.96	43.41	45.4	-0.77	16.29	176
S05		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	54.27	28.79	-1.46	52.83	-6.88	19.26	176
S06		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	28.91	12.98	-43.4	45.41	-0.76	16.29	176
S07		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	23.32	12.74	43.39	45.3	0.87	16.25	176
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	55.44	29.23	0.88	19.98	6.01	19.98	110
S09		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	23.06	12.63	-43.38	45.24	-0.86	16.22	176
S10		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	28.78	12.93	43.41	45.39	0.78	16.28	176
S11		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	49.02	26.55	1.3	51.8	6.93	18.85	176
S12		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	22.07	10.09	-43.31	44.02	0.69	15.73	176
S13		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	25.03	14.44	1.03	46.11	-7.04	16.57	176
S14		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	30.7	18.11	1.16	47.86	6.99	17.27	176
S15		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	17.48	11.23	1.02	44.57	7.02	15.95	176
S01	ZEMİN KAT	1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	34.29	19.84	1.76	48.68	-10.4	17.6	176
S02		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	51.83	28.97	1.6	52.91	-10.38	19.29	176
S03		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	34.29	19.84	1.76	48.68	10.41	17.6	176
S04		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	39.33	17.76	63.25	47.69	0.59	17.21	176
S05		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	72.83	38.74	1.74	57.31	10.4	21.05	176
S06		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	39.4	17.79	-63.27	47.71	0.59	17.21	176
S07		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	32.25	17.7	63.15	47.67	0.48	17.19	176
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	73.05	38.55	1.16	21.94	10.33	21.94	110
S09		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	31.95	17.57	-63.16	47.6	0.48	17.17	176
S10		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	39.25	17.72	63.26	47.68	0.59	17.2	176
S11		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	65.93	35.8	1.61	56	10.42	20.53	176
S12		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	30.29	13.93	-63.23	45.87	0.49	16.48	176
S13		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	34.29	19.84	1.68	48.68	-10.48	17.6	176
S14		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	41.78	24.68	1.6	50.94	10.4	18.5	176
S15		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	24.19	15.54	1.69	46.64	10.46	16.78	176

KOLON KONTROL

İsim	Kat	NdMax/NMax	Md/Mr(x)	Md/Mr(y)	VdMax
S01	3. KAT	0.02	0.01	0.16	105.6
S02		0.03	0.01	0.12	105.6
S03		0.02	0.01	0.16	105.6
S04		0.03	0.32	0.07	105.6
S05		0.05	0.05	0.03	105.6
S06		0.03	0.33	0.07	105.6
S07		0.02	0.33	0.09	105.6
S08		0.05	0.02	0.2	110
S09		0.02	0.33	0.09	105.6
S10		0.03	0.32	0.08	105.6
S11		0.04	0.04	0.03	105.6
S12		0.02	0.33	0.07	105.6
S13		0.02	0.01	0.16	105.6
S14		0.03	0.01	0.13	105.6
S15		0.01	0.01	0.15	105.6
S01	2. KAT	0.04	0.03	0.41	105.6
S02		0.07	0.03	0.38	105.6
S03		0.04	0.03	0.41	105.6
S04		0.05	0.9	0.07	105.6
S05		0.1	0.04	0.34	105.6
S06		0.05	0.9	0.07	105.6
S07		0.04	0.89	0.07	105.6
S08		0.1	0.03	0.35	110
S09		0.04	0.9	0.07	105.6
S10		0.05	0.9	0.07	105.6
S11		0.09	0.03	0.35	105.6
S12		0.04	0.93	0.06	105.6
S13		0.04	0.03	0.41	105.6
S14		0.05	0.03	0.4	105.6
S15		0.03	0.03	0.43	105.6
S01	1. KAT	0.04	0.02	0.42	176
S02		0.06	0.02	0.39	176
S03		0.04	0.02	0.42	176
S04		0.05	0.96	0.05	176
S05		0.09	0.03	0.36	176
S06		0.05	0.96	0.05	176
S07		0.04	0.96	0.05	176
S08		0.15	0.04	0.3	110
S09		0.04	0.96	0.05	176
S10		0.05	0.96	0.05	176
S11		0.08	0.03	0.37	176
S12		0.04	0.98	0.04	176
S13		0.04	0.02	0.42	176
S14		0.05	0.02	0.4	176
S15		0.03	0.02	0.44	176
S01	ZEMİN KAT	0.06	0.04	0.59	176
S02		0.09	0.03	0.54	176
S03		0.06	0.04	0.59	176
S04		0.07	1.33	0.03	176
S05		0.12	0.03	0.49	176
S06		0.07	1.33	0.03	176
S07		0.05	1.32	0.03	176
S08		0.19	0.05	0.47	110
S09		0.05	1.33	0.03	176
S10		0.07	1.33	0.03	176
S11		0.11	0.03	0.51	176
S12		0.05	1.38	0.03	176
S13		0.06	0.03	0.6	176
S14		0.07	0.03	0.56	176
S15		0.04	0.04	0.62	176

Sürtünme Kesmesi

İsim	Kat	lw	Bw	Ac	Çapı	Adet	Awf	fcd	fyd	μ	Vr	0.2Acfcd	Vd
P01	3. KAT	3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	5.96
P02		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	5.96
P03		3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	6.01
P04		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	6.01
P01	2. KAT	3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.63
P02		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.63
P03		3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.66
P04		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.66
P01	1. KAT	3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.79
P02		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.79
P03		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.74
P04		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.74
P01	ZEMİN KAT	3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.37
P02		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.37
P03		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.35
P04		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.35

KALIP METRAJİ	145
BETON METRAJİ	149
DONATI METRAJİ	153
Döşeme Donatı Metraji	153
Döşeme Donatı Poz Listesi	154
Kiriş Donatı Metraji	154
Kiriş Donatı Poz Listesi	158
Perde Donatı Metraji	159
Perde Donatı Poz Listesi	160
Kolon Donatı Metraji	160
Kolon Donatı Poz Listesi	163
Sürekli Temel Donatı Metraji	163
Sürekli Temel Donatı Poz Listesi	165

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
DÖŞEMELER			
3. KAT			
D04	poligon	poligon	12.59
D06	poligon	poligon	12.59
D05	poligon	poligon	12.59
D03	poligon	poligon	12.59
D07	poligon	poligon	9.59
D02	poligon	poligon	9.59
D01	poligon	poligon	9.59
KAT TOPLAM			79.13
2. KAT			
D04	poligon	poligon	12.59
D06	poligon	poligon	12.59
D05	poligon	poligon	12.59
D03	poligon	poligon	12.59
D07	poligon	poligon	9.59
D02	poligon	poligon	9.59
D01	poligon	poligon	9.59
KAT TOPLAM			79.13
1. KAT			
D04	poligon	poligon	12.45
D06	poligon	poligon	12.45
D05	poligon	poligon	12.45
D03	poligon	poligon	12.45
D07	poligon	poligon	9.48
D02	poligon	poligon	9.48
D01	poligon	poligon	9.48
KAT TOPLAM			78.25
ZEMİN KAT			
D01	poligon	poligon	9.48
D02	poligon	poligon	9.48
D07	poligon	poligon	9.48
D03	poligon	poligon	12.45
D05	poligon	poligon	12.45
D06	poligon	poligon	12.45
D04	poligon	poligon	12.45
KAT TOPLAM			78.25
PROJE TOPLAM			314.75
KİRİŞLER			
3. KAT			
K06	1.26	2.95	3.72
K05	1.26	2.95	3.72
K08	1.38	3.05	4.21
K07	1.26	3.05	3.84
K04	1.26	3.05	3.84
K03	1.26	3.05	3.84
K15	1.26	2.95	3.72
K14	1.26	2.95	3.72
K16	1.26	2.2	2.77
K13	1.38	2.2	3.04
K12	1.38	2.2	3.04
K11	1.38	2.2	3.04
K10	1.5	3.55	5.32
K09	1.38	3.55	4.9
K18	1.38	2.2	3.04
K17	1.5	2.2	3.3
K02	1.38	3.55	4.9
K01	1.38	3.55	4.9
KAT TOPLAM			68.84
2. KAT			
K06	1.26	2.95	3.72
K05	1.26	2.95	3.72
K08	1.38	3.05	4.21
K07	1.26	3.05	3.84
K04	1.26	3.05	3.84
K03	1.26	3.05	3.84
K15	1.26	2.95	3.72

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
K13	1.38	2.2	3.04
K12	1.38	2.2	3.04
K11	1.38	2.2	3.04
K10	1.5	3.55	5.32
K09	1.38	3.55	4.9
K18	1.38	2.2	3.04
K17	1.5	2.2	3.3
K02	1.38	3.55	4.9
K01	1.38	3.55	4.9
KAT TOPLAM			68.84
1. KAT			
K06	1.26	2.75	3.47
K05	1.26	2.75	3.47
K08	1.38	2.8	3.86
K07	1.26	2.8	3.53
K04	1.26	2.8	3.53
K03	1.26	2.8	3.53
K15	1.26	2.75	3.46
K14	1.26	2.75	3.47
K16	1.26	2	2.52
K13	1.38	2	2.76
K12	1.38	2	2.76
K11	1.38	2	2.76
K10	1.5	3.4	5.1
K09	1.38	3.4	4.69
K18	1.38	2	2.76
K17	1.5	2	3
K02	1.38	3.4	4.69
K01	1.38	3.4	4.69
KAT TOPLAM			64.04
ZEMİN KAT			
K01	1.38	3.4	4.69
K02	1.38	3.4	4.69
K17	1.5	2	3
K18	1.38	2	2.76
K09	1.38	3.4	4.69
K10	1.5	3.4	5.1
K11	1.38	2	2.76
K12	1.38	2	2.76
K13	1.38	2	2.76
K16	1.26	2	2.52
K14	1.26	2.75	3.47
K15	1.26	2.75	3.46
K03	1.26	2.8	3.53
K04	1.26	2.8	3.53
K07	1.26	2.8	3.53
K08	1.38	2.8	3.86
K05	1.26	2.75	3.46
K06	1.26	2.75	3.47
KAT TOPLAM			64.04
PROJE TOPLAM			265.78
PERDELER			
3. KAT			
P03	5.58	3.55	19.81
P04	5.58	3.55	19.81
P01	5.58	3.55	19.81
P02	5.58	3.55	19.81
KAT TOPLAM			79.24
2. KAT			
P03	5.58	3.55	19.81
P04	5.58	3.55	19.81
P01	5.58	3.55	19.81
P02	5.58	3.55	19.81
KAT TOPLAM			79.24
1. KAT			
P03	5.58	3.4	18.97
P04	5.58	3.4	18.97
P01	5.58	3.4	18.97

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
ZEMİN KAT			
P02	5.58	3.4	18.97
P01	5.58	3.4	18.97
P04	5.58	3.4	18.97
P03	5.58	3.4	18.97
KAT TOPLAM			75.89
PROJE TOPLAM			310.25
KOLONLAR			
3. KAT			
S08	2	2.7	4.68
S11	2.2	2.7	5.22
S05	2.2	2.7	5.22
S12	2.2	2.7	4.77
S10	2.2	2.7	4.77
S06	2.2	2.7	4.77
S04	2.2	2.7	4.77
S03	2.2	2.7	5.58
S15	2.2	2.7	5.58
S14	2.2	2.7	5.4
S02	2.2	2.7	5.4
S09	2.2	2.7	4.14
S07	2.2	2.7	4.14
S13	2.2	2.7	5.58
S01	2.2	2.7	5.58
KAT TOPLAM			75.6
2. KAT			
S08	2	2.7	4.68
S11	2.2	2.7	5.22
S05	2.2	2.7	5.22
S12	2.2	2.7	4.77
S10	2.2	2.7	4.77
S06	2.2	2.7	4.77
S04	2.2	2.7	4.77
S03	2.2	2.7	5.58
S15	2.2	2.7	5.58
S14	2.2	2.7	5.4
S02	2.2	2.7	5.4
S09	2.2	2.7	4.14
S07	2.2	2.7	4.14
S13	2.2	2.7	5.58
S01	2.2	2.7	5.58
KAT TOPLAM			75.6
1. KAT			
S08	2	2.7	4.68
S11	2.8	2.7	6.84
S05	2.8	2.7	6.84
S12	2.8	2.7	6.39
S10	2.8	2.7	6.39
S06	2.8	2.7	6.39
S04	2.8	2.7	6.39
S03	2.8	2.7	7.2
S15	2.8	2.7	7.2
S14	2.8	2.7	7.02
S02	2.8	2.7	7.02
S09	2.8	2.7	5.76
S07	2.8	2.7	5.76
S13	2.8	2.7	7.2
S01	2.8	2.7	7.2
KAT TOPLAM			98.28
ZEMİN KAT			
S01	2.8	2.7	7.2
S13	2.8	2.7	7.2
S07	2.8	2.7	5.76
S09	2.8	2.7	5.76
S02	2.8	2.7	7.02
S14	2.8	2.7	7.02
S15	2.8	2.7	7.2
S03	2.8	2.7	7.2
S04	2.8	2.7	6.39
S05	2.8	2.7	6.39

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
S12	2.8	2.7	6.39
S05	2.8	2.7	6.84
S11	2.8	2.7	6.84
S08	2	2.7	4.68
KAT TOPLAM			98.28
PROJE TOPLAM			347.76
SÜREKLİ TEMELLER			
ZEMİN KAT			
TK11	2	3	6
TK13	2	4	8
TK14	2	3	6
TK12	2	4	8
TK15	2	3	6
TK18	2	3	6
TK16	2	4	8
TK17	2	4	8
TK19	2	3	6
TK21	2	4	8
TK22	2	3	6
TK20	2	4	8
TK03	2	4	8
TK04	2	4	8
TK05	2	4	8
TK06	2	4	8
TK07	2	4	8
TK08	2	4	8
TK09	2	4	8
TK10	2	4	8
TK01	2	4	8
TK02	2	4	8
KAT TOPLAM			164
PROJE TOPLAM			164
GENEL TOPLAM			1402.53

BETON METRAJİ

Açıklama	En	Boy	Yükseklik	TOPLAM
DÖŞEMELER				
3. KAT				
D04	poligon	poligon	0.12	1.511
D06	poligon	poligon	0.12	1.511
D05	poligon	poligon	0.12	1.511
D03	poligon	poligon	0.12	1.511
D07	poligon	poligon	0.12	1.15
D02	poligon	poligon	0.12	1.15
D01	poligon	poligon	0.12	1.15
KAT TOPLAM				9.495
2. KAT				
D04	poligon	poligon	0.12	1.511
D06	poligon	poligon	0.12	1.511
D05	poligon	poligon	0.12	1.511
D03	poligon	poligon	0.12	1.511
D07	poligon	poligon	0.12	1.15
D02	poligon	poligon	0.12	1.15
D01	poligon	poligon	0.12	1.15
KAT TOPLAM				9.495
1. KAT				
D04	poligon	poligon	0.12	1.494
D06	poligon	poligon	0.12	1.494
D05	poligon	poligon	0.12	1.494
D03	poligon	poligon	0.12	1.494
D07	poligon	poligon	0.12	1.138
D02	poligon	poligon	0.12	1.138
D01	poligon	poligon	0.12	1.138
KAT TOPLAM				9.39
ZEMİN KAT				
D01	poligon	poligon	0.12	1.138
D02	poligon	poligon	0.12	1.138
D07	poligon	poligon	0.12	1.138
D03	poligon	poligon	0.12	1.494
D05	poligon	poligon	0.12	1.494
D06	poligon	poligon	0.12	1.494
D04	poligon	poligon	0.12	1.494
KAT TOPLAM				9.39
PROJE TOPLAM				37.77
KİRİŞLER				
3. KAT				
K06	0.3	2.95	0.6	0.531
K05	0.3	2.95	0.6	0.531
K08	0.3	3.05	0.6	0.549
K07	0.3	3.05	0.6	0.549
K04	0.3	3.05	0.6	0.549
K03	0.3	3.05	0.6	0.549
K15	0.3	2.95	0.6	0.531
K14	0.3	2.95	0.6	0.531
K16	0.3	2.2	0.6	0.396
K13	0.3	2.2	0.6	0.396
K12	0.3	2.2	0.6	0.396
K11	0.3	2.2	0.6	0.396
K10	0.3	3.55	0.6	0.639
K09	0.3	3.55	0.6	0.639
K18	0.3	2.2	0.6	0.396
K17	0.3	2.2	0.6	0.396
K02	0.3	3.55	0.6	0.639
K01	0.3	3.55	0.6	0.639
KAT TOPLAM				9.252
2. KAT				
K06	0.3	2.95	0.6	0.531
K05	0.3	2.95	0.6	0.531
K08	0.3	3.05	0.6	0.549
K07	0.3	3.05	0.6	0.549
K04	0.3	3.05	0.6	0.549
K03	0.3	3.05	0.6	0.549
K15	0.3	2.95	0.6	0.531

BETON METRAJİ

Açıklama	En	Boy	Yükseklik	TOPLAM
K13	0.3	2.2	0.6	0.396
K12	0.3	2.2	0.6	0.396
K11	0.3	2.2	0.6	0.396
K10	0.3	3.55	0.6	0.639
K09	0.3	3.55	0.6	0.639
K18	0.3	2.2	0.6	0.396
K17	0.3	2.2	0.6	0.396
K02	0.3	3.55	0.6	0.639
K01	0.3	3.55	0.6	0.639
KAT TOPLAM				9.252
1. KAT				
K06	0.3	2.75	0.6	0.495
K05	0.3	2.75	0.6	0.495
K08	0.3	2.8	0.6	0.504
K07	0.3	2.8	0.6	0.504
K04	0.3	2.8	0.6	0.504
K03	0.3	2.8	0.6	0.504
K15	0.3	2.75	0.6	0.495
K14	0.3	2.75	0.6	0.495
K16	0.3	2	0.6	0.36
K13	0.3	2	0.6	0.36
K12	0.3	2	0.6	0.36
K11	0.3	2	0.6	0.36
K10	0.3	3.4	0.6	0.612
K09	0.3	3.4	0.6	0.612
K18	0.3	2	0.6	0.36
K17	0.3	2	0.6	0.36
K02	0.3	3.4	0.6	0.612
K01	0.3	3.4	0.6	0.612
KAT TOPLAM				8.604
ZEMİN KAT				
K01	0.3	3.4	0.6	0.612
K02	0.3	3.4	0.6	0.612
K17	0.3	2	0.6	0.36
K18	0.3	2	0.6	0.36
K09	0.3	3.4	0.6	0.612
K10	0.3	3.4	0.6	0.612
K11	0.3	2	0.6	0.36
K12	0.3	2	0.6	0.36
K13	0.3	2	0.6	0.36
K16	0.3	2	0.6	0.36
K14	0.3	2.75	0.6	0.495
K15	0.3	2.75	0.6	0.495
K03	0.3	2.8	0.6	0.504
K04	0.3	2.8	0.6	0.504
K07	0.3	2.8	0.6	0.504
K08	0.3	2.8	0.6	0.504
K05	0.3	2.75	0.6	0.495
K06	0.3	2.75	0.6	0.495
KAT TOPLAM				8.604
PROJE TOPLAM				35.712
PERDELER				
3. KAT				
P03	0.3	3.55	2.7	2.875
P04	0.3	3.55	2.7	2.876
P01	0.3	3.55	2.7	2.875
P02	0.3	3.55	2.7	2.876
KAT TOPLAM				11.502
2. KAT				
P03	0.3	3.55	2.7	2.875
P04	0.3	3.55	2.7	2.876
P01	0.3	3.55	2.7	2.875
P02	0.3	3.55	2.7	2.876
KAT TOPLAM				11.502
1. KAT				
P03	0.3	3.4	2.7	2.754
P04	0.3	3.4	2.7	2.754
P01	0.3	3.4	2.7	2.754

BETON METRAJİ

Açıklama	En	Boy	Yükseklik	TOPLAM
ZEMİN KAT				
P02	0.3	3.4	2.7	2.754
P01	0.3	3.4	2.7	2.754
P04	0.3	3.4	2.7	2.754
P03	0.3	3.4	2.7	2.754
KAT TOPLAM				11.016
PROJE TOPLAM				45.036
KOLONLAR				
3. KAT				
S08	0.5	0.5	2.7	0.675
S11	0.8	0.3	2.7	0.648
S05	0.8	0.3	2.7	0.648
S12	0.8	0.3	2.7	0.648
S10	0.8	0.3	2.7	0.648
S06	0.8	0.3	2.7	0.648
S04	0.8	0.3	2.7	0.648
S03	0.8	0.3	2.7	0.648
S15	0.8	0.3	2.7	0.648
S14	0.8	0.3	2.7	0.648
S02	0.8	0.3	2.7	0.648
S09	0.8	0.3	2.7	0.648
S07	0.8	0.3	2.7	0.648
S13	0.8	0.3	2.7	0.648
S01	0.8	0.3	2.7	0.648
KAT TOPLAM				9.747
2. KAT				
S08	0.5	0.5	2.7	0.675
S11	0.8	0.3	2.7	0.648
S05	0.8	0.3	2.7	0.648
S12	0.8	0.3	2.7	0.648
S10	0.8	0.3	2.7	0.648
S06	0.8	0.3	2.7	0.648
S04	0.8	0.3	2.7	0.648
S03	0.8	0.3	2.7	0.648
S15	0.8	0.3	2.7	0.648
S14	0.8	0.3	2.7	0.648
S02	0.8	0.3	2.7	0.648
S09	0.8	0.3	2.7	0.648
S07	0.8	0.3	2.7	0.648
S13	0.8	0.3	2.7	0.648
S01	0.8	0.3	2.7	0.648
KAT TOPLAM				9.747
1. KAT				
S08	0.5	0.5	2.7	0.675
S11	1	0.4	2.7	1.08
S05	1	0.4	2.7	1.08
S12	1	0.4	2.7	1.08
S10	1	0.4	2.7	1.08
S06	1	0.4	2.7	1.08
S04	1	0.4	2.7	1.08
S03	1	0.4	2.7	1.08
S15	1	0.4	2.7	1.08
S14	1	0.4	2.7	1.08
S02	1	0.4	2.7	1.08
S09	1	0.4	2.7	1.08
S07	1	0.4	2.7	1.08
S13	1	0.4	2.7	1.08
S01	1	0.4	2.7	1.08
KAT TOPLAM				15.795
ZEMİN KAT				
S01	1	0.4	2.7	1.08
S13	1	0.4	2.7	1.08
S07	1	0.4	2.7	1.08
S09	1	0.4	2.7	1.08
S02	1	0.4	2.7	1.08
S14	1	0.4	2.7	1.08
S15	1	0.4	2.7	1.08
S03	1	0.4	2.7	1.08
S04	1	0.4	2.7	1.08
S06	1	0.4	2.7	1.08

BETON METRAJİ

Açıklama	En	Boy	Yükseklik	TOPLAM
S12	1	0.4	2.7	1.08
S05	1	0.4	2.7	1.08
S11	1	0.4	2.7	1.08
S08	0.5	0.5	2.7	0.675
KAT TOPLAM				15.795

PROJE TOPLAM

51.084

SÜREKLİ TEMELLER
ZEMİN KAT

TK11	1.5	3	0.77	3.45
TK13	1.5	4	0.77	4.6
TK14	1.5	3	0.77	3.45
TK12	1.5	4	0.77	4.6
TK15	1.5	3	0.77	3.45
TK18	1.5	3	0.77	3.45
TK16	1.5	4	0.77	4.6
TK17	1.5	4	0.77	4.6
TK19	1.5	3	0.77	3.45
TK21	1.5	4	0.77	4.6
TK22	1.5	3	0.77	3.45
TK20	1.5	4	0.77	4.6
TK03	1.5	4	0.77	4.6
TK04	1.5	4	0.77	4.6
TK05	1.5	4	0.77	4.6
TK06	1.5	4	0.77	4.6
TK07	1.5	4	0.77	4.6
TK08	1.5	4	0.77	4.6
TK09	1.5	4	0.77	4.6
TK10	1.5	4	0.77	4.6
TK01	1.5	4	0.77	4.6
TK02	1.5	4	0.77	4.6
KAT TOPLAM				94.3

PROJE TOPLAM

94.3

GENEL TOPLAM

263.902

DONATI METRAJI**Kiriş Donatı Metraji**

Açıklama	Adet	Poz	Boy	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø24	Ø26	Ø28	Ø30	Ø32
K16 Etriye (Orta)	22	3	1.82	15.8												
K13 İlave	2	37	2.01				4.86									
K13 İlave	2	38	2.19				5.29									
K14 İlave	2	29	1.88				4.53									
K15 İlave	1	39	2.19			1.94										
K16 İlave	2	40	2.01				4.86									
K03 Montaj	7	1	9.02			56.06										
K03 Gövde	2	2	7.94			14.1										
K03 Etriye (Orta)	28	3	1.82	20.11												
K04 Etriye (Orta)	28	3	1.82	20.11												
K03 İlave	2	31	2.21				5.34									
K03 İlave	2	32	1.8				4.35									
K04 İlave	2	33	2.21				5.34									
K07 Montaj	7	1	9.02			56.06										
K07 Gövde	2	2	7.94			14.1										
K07 Etriye (Orta)	28	3	1.82	20.11												
K08 Etriye (Orta)	28	3	1.82	20.11												
K07 İlave	2	31	2.21				5.34									
K07 İlave	2	32	1.8				4.35									
K08 İlave	2	33	2.21				5.34									
K05 Montaj	7	1	9.02			56.06										
K05 Gövde	2	2	7.94			14.1										
K05 Etriye (Orta)	31	3	1.82	22.26												
K06 Etriye (Orta)	31	3	1.82	22.26												
K05 İlave	2	28	2.2				5.31									
K05 İlave	2	29	1.88				4.53									
K06 İlave	2	30	2.2				5.31									
PROJE TOPLAM				1442.03		2691.96	382.56									

Kiriş Donatı Poz Listesi

Poz	Adet	Boy	Çapı	Ağırlık
1	124	9.02	12	993
2	40	7.94	12	281.97
3	2008	1.82	8	1442.03
4	4	2.05	14	9.9
5	8	1.98	14	19.09
6	4	2.05	14	9.9
7	8	2.07	14	20.04
8	8	1.83	14	17.64
9	8	2.07	14	20.04
10	8	7.67	12	54.49
11	10	8.5	12	75.44
12	16	4.15	12	58.97
13	8	8.76	12	62.24
14	8	7.67	12	54.49
15	10	8.5	12	75.44
16	12	1.86	14	26.97
17	4	2.09	14	10.09
18	2	2.09	12	3.71
19	12	1.86	14	26.97
20	56	4.32	12	214.78
21	32	3.24	12	92.05
22	8	1.36	14	13.15
23	8	1.36	14	13.15
24	8	5.99	12	42.58
25	8	5.99	12	42.58
26	4	1.7	12	6.03
27	4	1.7	12	6.03
28	4	2.2	14	10.62
29	8	1.88	14	18.13
30	4	2.2	14	10.62
31	8	2.21	14	21.36
32	8	1.8	14	17.4
33	8	2.21	14	21.36
34	10	8.45	12	75
35	16	4.35	12	61.81
36	10	8.45	12	75
37	12	2.01	14	29.15
38	4	2.19	14	10.57
39	2	2.19	12	3.88
40	12	2.01	14	29.15
41	56	4.42	12	219.75
42	32	3.34	12	94.89

DONATI METRAJİ**Perde Donatı Metraji**

Açıklama	Adet	Poz	Boy	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø24	Ø26	Ø28	Ø30	Ø32
P01 Perde Çiroz	181	4	0.41	29.28												
P01 Perde Orta Düz	32	7	4.01	50.63												
P04 Perde Sol Düz	54	6	2.07	44.11												
P04 Perde Sol	28	2	3.42				115.72									
P04 Perde Orta	20	3	3.32			58.9										
P04 Perde Çiroz	181	4	0.41	29.28												
P04 Perde Orta Düz	32	7	4.01	50.63												
P03 Perde Sol Düz	54	6	2.07	44.11												
P03 Perde Sol	28	2	3.42				115.72									
P03 Perde Orta	20	3	3.32			58.9										
P03 Perde Çiroz	181	4	0.41	29.28												
P03 Perde Orta Düz	32	7	4.01	50.63												
PROJE TOPLAM			1772.22		1083.8	1388.67										

Perde Donatı Poz Listesi

Poz	Adet	Boy	Çapı	Ağırlık
1	224	1.42	8	125.51
2	336	3.42	14	1388.67
3	368	3.32	12	1083.8
4	1760	0.41	8	284.73
5	368	4.16	8	604.06
6	432	2.07	8	352.85
7	256	4.01	8	405.06

PROJE TOPLAM 4244.69

Kolon Donatı Metraji

Açıklama	Adet	Poz	Boy	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø24	Ø26	Ø28	Ø30	Ø32
S08 Kolon Çiroz	100	1	0.49	19.33												
S08 Kolon Etriye	25	2	2.02	19.93												
S11 Kolon Çiroz	96	3	0.29	10.99												
S11 Kolon Çiroz	32	4	0.79	9.98												
S11 Kolon Etriye	32	5	2.22	28.03												
S05 Kolon Etriye	32	5	2.22	28.03												
S12 Kolon Etriye	30	5	2.22	26.28												
S10 Kolon Etriye	30	5	2.22	26.28												
S06 Kolon Etriye	32	5	2.22	28.03												
S04 Kolon Etriye	30	5	2.22	26.28												
S03 Kolon Etriye	32	5	2.22	28.03												
S15 Kolon Etriye	30	5	2.22	26.28												
S14 Kolon Etriye	30	5	2.22	26.28												
S02 Kolon Etriye	32	5	2.22	28.03												
S09 Kolon Etriye	30	5	2.22	26.28												
S07 Kolon Etriye	32	5	2.22	28.03												
S13 Kolon Etriye	30	5	2.22	26.28												
S01 Kolon Etriye	32	5	2.22	28.03												
S05 Kolon Çiroz	96	3	0.29	10.99												
S05 Kolon Çiroz	32	4	0.79	9.98												
S12 Kolon Çiroz	90	3	0.29	10.3												
S12 Kolon Çiroz	30	4	0.79	9.35												
S10 Kolon Çiroz	90	3	0.29	10.3												
S10 Kolon Çiroz	30	4	0.79	9.35												
S06 Kolon Çiroz	96	3	0.29	10.99												
S06 Kolon Çiroz	32	4	0.79	9.98												
S04 Kolon Çiroz	90	3	0.29	10.3												
S04 Kolon Çiroz	30	4	0.79	9.35												
S03 Kolon Çiroz	96	3	0.29	10.99												
S03 Kolon Çiroz	32	4	0.79	9.98												
S15 Kolon Çiroz	90	3	0.29	10.3												
S15 Kolon Çiroz	30	4	0.79	9.35												
S14 Kolon Çiroz	90	3	0.29	10.3												
S14 Kolon Çiroz	30	4	0.79	9.35												
S02 Kolon Çiroz	96	3	0.29	10.99												
S02 Kolon Çiroz	32	4	0.79	9.98												
S09 Kolon Çiroz	90	3	0.29	10.3												
S09 Kolon Çiroz	30	4	0.79	9.35												
S07 Kolon Çiroz	96	3	0.29	10.99												
S07 Kolon Çiroz	32	4	0.79	9.98												
S13 Kolon Çiroz	90	3	0.29	10.3												
S13 Kolon Çiroz	30	4	0.79	9.35												
S01 Kolon Çiroz	96	3	0.29	10.99												
S01 Kolon Çiroz	32	4	0.79	9.98												
S08 Kolon Boyuna Dntf8	6		2.84													

61.73

DONATI METRAJI

Sürekli Temel Donatı Metrajı

Açıklama	Adet	Poz	Boy	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø24	Ø26	Ø28	Ø30	Ø32
TK06 Temel İlv.	12	26	2.56				37.09									
TK05 Temel Tév.	2	24	7.94		9.79											
TK06 Temel Tév.	2	24	7.94		9.79											
TK07 Temel Etriye	42	1	3.26	54.03												
TK07 Ampatman	40	2	1.8	28.41												
TK08 Temel Etriye	42	1	3.26	54.03												
TK08 Ampatman	40	2	1.8	28.41												
TK07 Temel Montaj	26	19	9.74				306.02									
TK07 Temel Gövde	10	20	7.94			70.49										
TK07 Temel İlv.	12	21	2.57				37.27									
TK08 Temel İlv.	12	22	1.8				26.1									
TK08 Temel İlv.	12	23	2.57				37.27									
TK07 Temel Tév.	2	24	7.94		9.79											
TK08 Temel Tév.	2	24	7.94		9.79											
TK09 Temel Etriye	42	1	3.26	54.03												
TK09 Ampatman	40	2	1.8	28.41												
TK10 Temel Etriye	42	1	3.26	54.03												
TK10 Ampatman	40	2	1.8	28.41												
TK09 Temel Montaj	26	19	9.74				306.02									
TK09 Temel Gövde	10	20	7.94			70.49										
TK09 Temel İlv.	12	27	2.12				30.74									
TK10 Temel İlv.	12	10	2.1				30.45									
TK10 Temel İlv.	12	28	2.12				30.74									
TK09 Temel Tév.	2	24	7.94		9.79											
TK10 Temel Tév.	2	24	7.94		9.79											
TK01 Temel Etriye	42	1	3.26	54.03												
TK01 Ampatman	40	2	1.8	28.41												
TK02 Temel Etriye	42	1	3.26	54.03												
TK02 Ampatman	40	2	1.8	28.41												
TK01 Temel Montaj	26	19	9.74				306.02									
TK01 Temel Gövde	10	20	7.94			70.49										
TK01 Temel İlv.	12	27	2.12				30.74									
TK02 Temel İlv.	12	10	2.1				30.45									
TK02 Temel İlv.	12	28	2.12				30.74									
TK01 Temel Tév.	2	24	7.94		9.79											
TK02 Temel Tév.	2	24	7.94		9.79											

PROJE TOPLAM 1693.81 150.29 738.13 4891.42

Sürekli Temel Donatı Poz Listesi

Poz	Adet	Boy	Çapı	Ağırlık
1	864	3.26	8	1111.4
2	820	1.8	8	582.41
3	382	2.15	14	992.57
4	78	12.37	14	1165.95
5	30	10.94	12	291.38
6	21	4.35	14	110.39
7	38	5.12	14	235.11
8	20	3.34	12	59.31
9	48	1.75	14	101.51
10	34	2.1	14	86.28
11	16	3.34	10	32.95
12	19	5.56	14	127.6
13	10	3.94	12	34.98
14	12	2.37	14	34.37
15	24	2.19	14	63.44
16	5	1.88	14	11.33
17	12	2.37	14	34.37
18	8	3.94	10	19.43
19	130	9.74	14	1530.09
20	50	7.94	12	352.46
21	24	2.57	14	74.53
22	24	1.8	14	52.2
23	24	2.57	14	74.53
24	20	7.94	10	97.91
25	12	2.56	14	37.09
26	12	2.56	14	37.09
27	24	2.12	14	61.48
28	24	2.12	14	61.48

PROJE TOPLAM 7473.65

ideCAD Statik (Ver: 5.511)	169
Betonarme yapılar için hesap, çizim, güçlendirme ve metraj içeren entegre CAD programı	169
Proje Adı : İSİMSİZ PROJE	169
Firma : FEN BİLİMLERİ ENSİTÜSÜ	169
Kontrol eden : Prof.Dr.CELAL KOZANOĞLU	169
YAPI UZAY ÇERÇEVE ELEMAN BİLGİLERİ	170
KAT EŞDEĞER YATAY KUVVETLERİ VE GENEL BİLGİLERİ	172
DİNAMİK HESAP	173
Spektrum Katsayısı(Spektrum Eğrisi)	173
X	173
X Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü	173
X Karakteristik Mod Vektörleri	173
X Normalleştirilmiş Yapı Serbest Titreşim Modları	173
X Yapı Kat Maksimum İvmeleri	173
X Yapı Kat Modal Kütleleri	173
X Yapı Kat Elastik Deprem Yükleri	174
X Yapı Kat Tasarım Deprem Yükleri	174
X Yapı Kat Maksimum Yükleri	174
Spektrum Katsayısı(Spektrum Eğrisi)	174
Y	174
Y Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü	174
Y Karakteristik Mod Vektörleri	174
Y Normalleştirilmiş Yapı Serbest Titreşim Modları	174
Y Yapı Kat Maksimum İvmeleri	174
Y Yapı Kat Modal Kütleleri	174
Y Yapı Kat Elastik Deprem Yükleri	175
Y Yapı Kat Tasarım Deprem Yükleri	175
Y Yapı Kat Maksimum Yükleri	175
KATLARA ETKİYEN YATAY YÜKLER	176
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	176
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	176
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	176
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	176
DÜĞÜM NOKTASI DEPLASMANLARI	177
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem Deplasmanlar U ve Dönmeler R	177
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem Deplasmanlar U ve Dönmeler R	178
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R	179
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem Deplasmanlar U ve Dönmeler R	181
Yükleme 5 G DÜŞEY Deplasmanlar U ve Dönmeler R	182
Yükleme 6 Q DÜŞEY Deplasmanlar U ve Dönmeler R	184
KAT DEPLASMANLARI	186
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	186
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	186
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	186
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	186
ELEMAN UÇ KUVVETLERİ	187
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	187
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	188
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	190
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	192
Yükleme 5 G DÜŞEY	194
Yükleme 6 Q DÜŞEY	196
ELEMAN UÇ KUVVETLERİ (GLOBAL)	199
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	199
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	200
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	202
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	204
Yükleme 5 G DÜŞEY	206
Yükleme 6 Q DÜŞEY	208
GÖRELİ KAT ÖTELEMELERİNİN SINIRLANDIRILMASI	211
1.Deprem Yükleme	211
2.Deprem Yükleme	211

4.Deprem Yüklemesi	211
2.MERTEBE ETKİLERİ	211
1.Deprem Yüklemesi	211
2.Deprem Yüklemesi	211
3.Deprem Yüklemesi	211
4.Deprem Yüklemesi	211
DÜZENSİZLİK DURUMLARI	211
A-Planda Düzensizlik Durumları	211
A1-Burulma Düzensizliği	211
B-Düşey Doğrultuda Düzensizlik Durumları	212
B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - X	212
B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - Y	212
B2-Komşu Katlar Arası Rijitlik Düzensizliği (Yumuşak Kat)	212
B3-Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliği	212
2.7.5. ELEMAN ASAL EKSEN DOĞRULTULARINDAKİ İÇ KUVVETLER	212
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	212
Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem	213
Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	214
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	215
R KATSAYISININ SEÇİM NEDENİ	216
Kesme Kuvveti Kontrolü 1. Deprem Yüklemesi	216
Kesme Kuvveti Kontrolü 2. Deprem Yüklemesi	216
Kesme Kuvveti Kontrolü 3. Deprem Yüklemesi	216
Kesme Kuvveti Kontrolü 4. Deprem Yüklemesi	217
HESAP YÖNTEMİNİN SEÇİM NEDENİ	217
Vis/Vik ORANLARI	217
DÖŞEMELER	218
Hesap Ön Bilgileri	218
Döşeme Statik-Betonarme Sonuçları ve Donatıları	218
KİRİŞLER	219
Hesap Ön Bilgileri	219
Kiriş Yükleri	219
Kirişlerin Betonarme Hesap Sonuçları	224
Kirişlerin Donatıları	227
Deprem Yönetmeliği Kiriş Tahkikleri	231
KOLONLAR	232
Hesap Ön Bilgileri	232
Kolonların Betonarme Hesap Sonuçları	232
İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)	233
Kolonların Donatıları	235
Deprem Yönetmeliği Kolon Tahkikleri (Güçlü Kolon ve Kesme Kuvveti)	236
KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ	238
1. Deprem Yüklemesi	238
2. Deprem Yüklemesi	238
3. Deprem Yüklemesi	239
4. Deprem Yüklemesi	240
PERDELER	242
Hesap Ön Bilgileri	242
Perdelerin Tasarım Eğilme Momentleri	242
Perde Betonarme Hesap Sonuç ve Donatıları	242
RADYE DÖŞEME ELEMANLARI SONUÇLARI	243
Yükleme E1	243
Yükleme E2	243
Yükleme E3	243
Yükleme E4	243
Yükleme G	243
Yükleme Q	243
SÜREKLİ TEMELLER	244
Hesap Ön Bilgileri	244
Temellere Gelen Kolon Yükleri	244
Sürekli Temellerin Statik Hesap Sonuçları	244
Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem	244

Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem	245
Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem	245
Yükleme 5 G DÜŞEY	246
Yükleme 6 Q DÜŞEY	246
Sürekli Temel Kirişlerinin Donatıları	246
KOLON ETKİLERİ	248
KOLON KONTROL	249
Sürtünme Kesmesi	250

ideCAD Statik (Ver: 5.511)

Betonarme yapılar için hesap, çizim, güçlendirme ve metraj içeren entegre CAD programı

Proje Adı : İSİMSİZ PROJE

Firma : FEN BİLİMLERİ ENSİTÜSÜ

Kontrol eden : Prof.Dr.CELAL KOZANOĞLU

Kat sayısı :	4
Yapı önem katsayısı :	1
Taşıyıcı sistem davranış katsayısı (girilen) X/Y:	6.99 / 6.99
Taşıyıcı sistem davranış katsayısı (seçilen) X/Y:	6.99 / 6.99
Süneklik X/Y:	YÜKSEK / YÜKSEK
Deprem bölgesi :	1
Etkin yer ivme katsayısı :	0.4
Zemin sınıfı :	Z3, Ta = 0.15, Tb = 0.60
Rijit bodrum katı numarası :	-1
Rijit bodrum katı sayısı :	0
Zemin emniyet gerilmesi :	11.40 t/m ²
Yatak katsayısı :	2160.00 t/m ³
Beton Sınıfları :	30
Çelik Sınıfları :	420
Beton birim hacim ağırlığı :	2.50 t/m ³
Beton güvenlik katsayısı :	1.5
Çelik güvenlik katsayısı :	1.15
Zati yük faktörü :	1.4
Hareketli yük faktörü :	1.6
Yönetmelik :	TS500-2000; TDY 2007
Betonarme hesap yöntemi :	Taşıma gücü
Deprem belirleme yöntemi :	Mod birleştirme yöntemi (dinamik)
Temel analiz yöntemi :	Elastik zemine oturan temel

YAPI UZAY ÇERÇEVE ELEMAN BİLGİLERİ

Eleman	Kat	i	j	L	I Burul	I Major	I Minor	A	cos	sin	Ex1(x0)	Ey1(y0)	Ex2	Ey2
K01	3. KAT	31	27	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K02		27	37	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K03		17	25	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	0.25
K04		25	11	3.05	0.0080	0.0080		0.239	1	0	0.15	0.25	-0.4	0
K05		15	21	2.95	0.0079	0.0079		0.237	1	0	0.4	0	-0.25	0
K06		21	9	2.95	0.0079	0.0079		0.237	1	0	0.25	0	-0.4	0
K07		19	23	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	-0.25
K08		23	13	3.05	0.0062	0.0069		0.209	1	0	0.15	-0.25	-0.4	0
K09		33	29	3.55	0.0065	0.0071		0.214	1	0	0.15	-0.25	-0.15	-0.25
K10		29	35	3.55	0.0046	0.0054		0.180	1	0	0.15	-0.25	-0.15	-0.25
K11		33	19	2.2	0.0060	0.0068		0.206	0	1	0	0.4	-0.25	-0.15
K12		17	31	2.2	0.0060	0.0068		0.206	0	1	-0.25	0.15	0	-0.4
K13		29	23	2.2	0.0057	0.0065		0.201	0	1	0	0.4	0	-0.4
K14		23	21	2.95	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.25
K15		21	25	2.95	0.0070	0.0074		0.222	0	1	0	0.25	0	-0.4
K16		25	27	2.2	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.4
K17		35	13	2.2	0.0046	0.0054		0.180	0	1	0	0.4	0.25	-0.15
K18		11	37	2.2	0.0060	0.0068		0.206	0	1	0.25	0.15	0	-0.4
P01		6	5	2.7		1.1185	0.0080	1.065	1	0	0.3	8.93	0	0
P02		8	7	2.7		1.1185	0.0080	1.065	1	0	0.3	5.08	0	0
P03		2	1	2.7		1.1185	0.0080	1.065	1	0	7.7	8.93	0	0
P04		4	3	2.7		1.1185	0.0080	1.065	1	0	7.7	5.08	0	0
S01		32	31	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	13.6		
S02		28	27	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	13.6		
S03		38	37	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	13.6		
S04		18	17	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	10.85		
S05		26	25	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	10.6		
S06		12	11	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	10.85		
S07		16	15	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	7		
S08		22	21	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7		
S09		10	9	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	7		
S10		20	19	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	3.15		
S11		24	23	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	3.4		
S12		14	13	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	3.15		
S13		34	33	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	0.4		
S14		30	29	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	0.4		
S15		36	35	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	0.4		
K01	2. KAT	32	28	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K02		28	38	3.55	0.0065	0.0071		0.214	1	0	0.15	0.25	-0.15	0.25
K03		18	26	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	0.25
K04		26	12	3.05	0.0080	0.0080		0.239	1	0	0.15	0.25	-0.4	0
K05		16	22	2.95	0.0079	0.0079		0.237	1	0	0.4	0	-0.25	0
K06		22	10	2.95	0.0079	0.0079		0.237	1	0	0.25	0	-0.4	0
K07		20	24	3.05	0.0080	0.0080		0.239	1	0	0.4	0	-0.15	-0.25
K08		24	14	3.05	0.0062	0.0069		0.209	1	0	0.15	-0.25	-0.4	0
K09		34	30	3.55	0.0065	0.0071		0.214	1	0	0.15	-0.25	-0.15	-0.25
K10		30	36	3.55	0.0046	0.0054		0.180	1	0	0.15	-0.25	-0.15	-0.25
K11		34	20	2.2	0.0060	0.0068		0.206	0	1	0	0.4	-0.25	-0.15
K12		18	32	2.2	0.0060	0.0068		0.206	0	1	-0.25	0.15	0	-0.4
K13		30	24	2.2	0.0057	0.0065		0.201	0	1	0	0.4	0	-0.4
K14		24	22	2.95	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.25
K15		22	26	2.95	0.0070	0.0074		0.222	0	1	0	0.25	0	-0.4
K16		26	28	2.2	0.0070	0.0074		0.222	0	1	0	0.4	0	-0.4
K17		36	14	2.2	0.0046	0.0054		0.180	0	1	0	0.4	0.25	-0.15
K18		12	38	2.2	0.0060	0.0068		0.206	0	1	0.25	0.15	0	-0.4
P01		41	6	2.7		1.1185	0.0080	1.065	1	0	0.3	8.93	0	0
P02		42	8	2.7		1.1185	0.0080	1.065	1	0	0.3	5.08	0	0
P03		39	2	2.7		1.1185	0.0080	1.065	1	0	7.7	8.93	0	0
P04		40	4	2.7		1.1185	0.0080	1.065	1	0	7.7	5.08	0	0
S01		54	32	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	13.6		
S02		52	28	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	13.6		
S03		57	38	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	13.6		
S04		47	18	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	10.85		
S05		51	26	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	10.6		
S06		44	12	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	10.85		
S07		46	16	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	7		
S08		49	22	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7		
S09		43	10	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	7		
S10		48	20	2.7	0.0081	0.0128	0.0018	0.240	0	1	0.4	3.15		
S11		50	24	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	3.4		
S12		45	14	2.7	0.0081	0.0128	0.0018	0.240	0	1	7.6	3.15		
S13		55	34	2.7	0.0081	0.0128	0.0018	0.240	1	0	0.15	0.4		
S14		53	30	2.7	0.0081	0.0128	0.0018	0.240	1	0	4	0.4		
S15		56	36	2.7	0.0081	0.0128	0.0018	0.240	1	0	7.85	0.4		
K01	1. KAT	83	79	3.4	0.0064	0.0070		0.213	1	0	0.2	0.35	-0.2	0.35

YAPI UZAY ÇERÇEVE ELEMAN BİLGİLERİ

Eleman Kat	i	j	L	I Burul	I Major	I Minor	A	cos	sin	Ex1(x0)	Ey1(y0)	Ex2	Ey2	
K04	77	64	2.8	0.0077	0.0078		0.234	1	0	0.2	0.35	-0.5	0.05	
K05	68	49	2.75	0.0076	0.0078		0.233	1	0	0.5	0	-0.25	0	
K06	49	62	2.75	0.0076	0.0078		0.233	1	0	0.25	0	-0.5	0	
K07	72	75	2.8	0.0077	0.0078		0.234	1	0	0.5	-0.05	-0.2	-0.35	
K08	75	66	2.8	0.0060	0.0068		0.207	1	0	0.2	-0.35	-0.5	-0.05	
K09	85	81	3.4	0.0064	0.0070		0.213	1	0	0.2	-0.35	-0.2	-0.35	
K10	81	87	3.4	0.0046	0.0054		0.180	1	0	0.2	-0.35	-0.2	-0.35	
K11	85	72	2	0.0059	0.0066		0.204	0	1	-0.05	0.5	-0.35	-0.2	
K12	70	83	2	0.0059	0.0066		0.204	0	1	-0.35	0.2	-0.05	-0.5	
K13	81	75	2	0.0056	0.0064		0.199	0	1	0	0.5	0	-0.5	
K14	75	49	2.75	0.0068	0.0073		0.220	0	1	0	0.5	0	-0.25	
K15	49	77	2.75	0.0068	0.0073		0.220	0	1	0	0.25	0	-0.5	
K16	77	79	2	0.0067	0.0073		0.218	0	1	0	0.5	0	-0.5	
K17	87	66	2	0.0046	0.0054		0.180	0	1	0.05	0.5	0.35	-0.2	
K18	64	89	2	0.0059	0.0066		0.204	0	1	0.35	0.2	0.05	-0.5	
P01	60	41	2.7		0.9826	0.0076	1.020	1	0	0.3	8.9	0	0	
P02	61	42	2.7		0.9826	0.0077	1.020	1	0	0.3	5.1	0	0	
P03	58	39	2.7		0.9826	0.0076	1.020	1	0	7.7	8.9	0	0	
P04	59	40	2.7		0.9826	0.0077	1.020	1	0	7.7	5.1	0	0	
S01	84	83	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	13.5			
S02	80	79	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	13.5			
S03	90	89	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	13.5			
S04	71	70	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	10.8			
S05	78	77	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	10.5			
S06	65	64	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	10.8			
S07	69	68	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	7			
S08	74	49	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7			
S09	63	62	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	7			
S10	73	72	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	3.2			
S11	76	75	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	3.5			
S12	67	66	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	3.2			
S13	86	85	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	0.5			
S14	82	81	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	0.5			
S15	88	87	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	0.5			
K01	ZEMİN KAT	84	80	3.4	0.0064	0.0070	0.213	1	0	0.2	0.35	-0.2	0.35	
K02		80	90	3.4	0.0064	0.0070	0.213	1	0	0.2	0.35	-0.2	0.35	
K03		71	78	2.8	0.0077	0.0078	0.234	1	0	0.5	0.05	-0.2	0.35	
K04		78	65	2.8	0.0077	0.0078	0.234	1	0	0.2	0.35	-0.5	0.05	
K05		69	74	2.75	0.0076	0.0078	0.233	1	0	0.5	0	-0.25	0	
K06		74	63	2.75	0.0076	0.0078	0.233	1	0	0.25	0	-0.5	0	
K07		73	76	2.8	0.0077	0.0078	0.234	1	0	0.5	-0.05	-0.2	-0.35	
K08		76	67	2.8	0.0060	0.0068	0.207	1	0	0.2	-0.35	-0.5	-0.05	
K09		86	82	3.4	0.0064	0.0070	0.213	1	0	0.2	-0.35	-0.2	-0.35	
K10		82	88	3.4	0.0046	0.0054	0.180	1	0	0.2	-0.35	-0.2	-0.35	
K11		86	73	2	0.0059	0.0066	0.204	0	1	-0.05	0.5	-0.35	-0.2	
K12		71	84	2	0.0059	0.0066	0.204	0	1	-0.35	0.2	-0.05	-0.5	
K13		82	76	2	0.0056	0.0064	0.199	0	1	0	0.5	0	-0.5	
K14		76	74	2.75	0.0068	0.0073	0.220	0	1	0	0.5	0	-0.25	
K15		74	78	2.75	0.0068	0.0073	0.220	0	1	0	0.25	0	-0.5	
K16		78	80	2	0.0067	0.0073	0.218	0	1	0	0.5	0	-0.5	
K17		88	67	2	0.0046	0.0054	0.180	0	1	0.05	0.5	0.35	-0.2	
K18		65	90	2	0.0059	0.0066	0.204	0	1	0.35	0.2	0.05	-0.5	
P01		92	60	2.7		0.9826	0.0076	1.020	1	0	0.3	8.9	0	0
P02		91	61	2.7		0.9826	0.0077	1.020	1	0	0.3	5.1	0	0
P03		94	58	2.7		0.9826	0.0076	1.020	1	0	7.7	8.9	0	0
P04		93	59	2.7		0.9826	0.0077	1.020	1	0	7.7	5.1	0	0
S01		103	84	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	13.5		
S02		109	80	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	13.5		
S03		104	90	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	13.5		
S04		101	71	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	10.8		
S05		108	78	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	10.5		
S06		102	65	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	10.8		
S07		99	69	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	7		
S08		107	74	2.7	0.0088	0.0052	0.0052	0.250	1	0	4	7		
S09		100	63	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	7		
S10		97	73	2.7	0.0226	0.0333	0.0053	0.400	0	1	0.5	3.2		
S11		106	76	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	3.5		
S12		98	67	2.7	0.0226	0.0333	0.0053	0.400	0	1	7.5	3.2		
S13		95	86	2.7	0.0226	0.0333	0.0053	0.400	1	0	0.2	0.5		
S14		105	82	2.7	0.0226	0.0333	0.0053	0.400	1	0	4	0.5		
S15		96	88	2.7	0.0226	0.0333	0.0053	0.400	1	0	7.8	0.5		

KAT EŞDEĞER YATAY KUVVETLERİ VE GENEL BİLGİLERİ

Kat	gi	qi	HYKK	wi	Hi	wi*Hi	Fi(x)	Fi(y)	Xm	Ym	Xr	Yr
3. KAT	128.56	15.83	0.3	133.31	10.8	1439.76	30.25	32.44	3.93	7.18	4	7
2. KAT	128.56	15.83	0.3	133.31	8.1	1079.82	21.02	22.55	3.93	7.18	4	7
1. KAT	139.29	15.65	0.3	143.98	5.4	777.49	15.14	16.23	3.94	7.17	4	7
ZEMİN KAT	139.29	15.65	0.3	143.98	2.7	388.75	7.57	8.12	3.94	7.17	4	7

DİNAMİK HESAP

W	=	554.58
T1a	=	0.42
Hn	=	10.8
$\Delta F_n(x)$	=	2.22
$\Delta F_n(y)$	=	2.38
Vt(x)	=	73.98
Vt(y)	=	79.34
VtB(x)	=	53.15
VtB(y)	=	61.89
Vt(x) / VtB(x)	=	1.39
Vt(y) / VtB(y)	=	1.28
β	=	0.9
β Vt(x) / VtB(x)	=	1.25
β Vt(y) / VtB(y)	=	1.15
Ao	=	0.4
I	=	1
Spektrum ordinat çarpanı	=	1

Spektrum Katsayısı(Spektrum Eğrisi)

$$S(T_r) = 1 + 1,5 T_r / 0.15 \quad (0 \leq T_r \leq 0.15)$$
$$S(T_r) = 2,5 \quad (0.15 < T_r \leq 0.6)$$
$$S(T_r) = 2,5 (0.6 / T_r)^{0,8} \quad (T_r > 0.6)$$

İlgili modun T_r değeri yerine koyularak $S(T_r)$ hesaplanır.

X

	1. MOD	2. MOD	3. MOD	4. MOD
Serbest Titreşim Frekansı (w):	9.596	49.809	140.518	249.265
Doğal Titreşim Periyodu (Tr) :	0.65479	0.126147	0.044714	0.025207
Spektrum Katsayısı S(Tr) :	2.331	2.261	1.447	1.252
Spektral İvme Katsayısı A(Tr) :	0.932	0.905	0.579	0.501
Deprem Yüğü Azaltma Katsayısı Ra(Tr) :	6.99	6.117	3.137	2.423
İvme Spektrum Ordinatı Spa(Tr) :	1.309	1.451	1.81	2.028
Etkin modal kütle :	37.551	12.457	4.282	2.416
C Katsayısı :	4.48	7.371	14.343	49.074
Katkı çarpanı :	6.128	-3.529	2.069	-1.554

X Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü

Bina Toplam Kütle :	56.53	
Bina Toplam Kütle x 90% :	50.88	
Bina Toplam Kütle x 5% :	2.83	
Toplam Etkin Modal Kütle (X) :	56.71	Hesaba katılan titreşim modu sayısı yeterlidir.

X Karakteristik Mod Vektörleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1	1	1	1
2. KAT	0.614	-0.867	-2.648	-3.994
1. KAT	0.293	-1.324	1.387	7.315
ZEMİN KAT	0.083	-0.571	2.162	-9.741

X Normalleştirilmiş Yapı Serbest Titreşim Modları

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	0.223	0.136	0.07	0.02
2. KAT	0.137	-0.118	-0.185	-0.081
1. KAT	0.065	-0.18	0.097	0.149
ZEMİN KAT	0.019	-0.078	0.151	-0.198

X Yapı Kat Maksimum İvmeleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1.368	-0.479	0.144	-0.032
2. KAT	0.84	0.415	-0.382	0.127
1. KAT	0.401	0.634	0.2	-0.232
ZEMİN KAT	0.114	0.274	0.312	0.309

X Yapı Kat Modal Kütleleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	18.587	-6.507	1.961	-0.43
2. KAT	11.409	5.643	-5.193	1.719
1. KAT	5.006	0.205	2.027	2.404

DİNAMİK HESAP**X Yapı Kat Elastik Deprem Yükleri**

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	134.18	-43.179	9.498	-4.637
2. KAT	100.635	32.384	-7.124	3.478
1. KAT	72.459	23.317	5.129	-2.504
ZEMİN KAT	36.23	11.659	2.565	1.252

X Yapı Kat Tasarım Deprem Yükleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	19.196	-7.059	3.028	-1.914
2. KAT	14.397	5.294	-2.271	1.436
1. KAT	10.366	3.812	1.635	-1.034
ZEMİN KAT	5.183	1.906	0.818	0.517

X Yapı Kat Maksimum Yükleri

KAT	EŞDEĞER	DİNAMİK
3. KAT	30.252	20.732
2. KAT	21.024	15.575
1. KAT	15.138	11.223
ZEMİN KAT	7.569	5.618
TOPLAM	73.98	53.15

Spektrum Katsayısı(Spektrum Eğrisi)

$$S(T_r) = 1 + 1,5 T_r / 0,15 \quad (0 \leq T_r \leq 0,15)$$

$$S(T_r) = 2,5 \quad (0,15 < T_r \leq 0,6)$$

$$S(T_r) = 2,5 (0,6 / T_r)^{0,8} \quad (T_r > 0,6)$$

İlgili modun T_r değeri yerine koyularak $S(T_r)$ hesaplanır.**Y**

	1. MOD	2. MOD	3. MOD	4. MOD
Serbest Titreşim Frekansı (w):	40.52	199.01	437.857	615.916
Doğal Titreşim Periyodu (Tr) :	0.155064	0.031572	0.01435	0.010201
Spektrum Katsayısı S(Tr) :	2.5	1.316	1.143	1.102
Spektral İvme Katsayısı A(Tr) :	1	0.526	0.457	0.441
Deprem Yüğü Azaltma Katsayısı Ra(Tr) :	6.99	2.656	2.025	1.873
İvme Spektrum Ordinatı Spa(Tr) :	1.403	1.944	2.216	2.308
Etkin modal kütle :	40.124	12.705	3.115	0.691
C Katsayısı :	4.654	7.453	11.524	23.698
Katkı çarpanı :	6.334	-3.564	1.765	-0.832

Y Hesaba Katılan Titreşim Modu Sayısı Yeterlik Kontrolü

Bina Toplam Kütle :	56.53	
Bina Toplam Kütle x 90% :	50.88	
Bina Toplam Kütle x 5% :	2.83	
Toplam Etkin Modal Kütle (X) :	56.64	Hesaba katılan titreşim modu sayısı yeterlidir.

Y Karakteristik Mod Vektörleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1	1	1	1
2. KAT	0.668	-0.575	-1.94	-3.223
1. KAT	0.354	-1.352	0.105	4.063
ZEMİN KAT	0.111	-0.852	2.151	-3.348

Y Normalleştirilmiş Yapı Serbest Titreşim Modları

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	0.215	0.134	0.087	0.042
2. KAT	0.143	-0.077	-0.168	-0.136
1. KAT	0.076	-0.181	0.009	0.171
ZEMİN KAT	0.024	-0.114	0.187	-0.141

Y Yapı Kat Maksimum İvmeleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	1.361	-0.478	0.153	-0.035
2. KAT	0.909	0.275	-0.297	0.113
1. KAT	0.481	0.646	0.016	-0.143
ZEMİN KAT	0.151	0.407	0.329	0.117

Y Yapı Kat Modal Kütleleri

DİNAMİK HESAP

Y Yapı Kat Modal Kütleleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
2. KAT	12.346	3.739	-4.037	1.537
1. KAT	7.066	9.488	0.235	-2.093
ZEMİN KAT	2.218	5.977	4.836	1.724

Y Yapı Kat Elastik Deprem Yükleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	153.756	-25.622	5.46	-1.168
2. KAT	115.317	19.216	-4.095	0.876
1. KAT	83.03	13.836	2.948	-0.631
ZEMİN KAT	41.515	6.918	1.474	0.315

Y Yapı Kat Tasarım Deprem Yükleri

KAT	1. MOD	2. MOD	3. MOD	4. MOD
3. KAT	21.997	-9.648	2.696	-0.623
2. KAT	16.497	7.236	-2.022	0.468
1. KAT	11.878	5.21	1.456	-0.337
ZEMİN KAT	5.939	2.605	0.728	0.168

Y Yapı Kat Maksimum Yükleri

KAT	EŞDEĞER	DİNAMİK
3. KAT	32.442	24.133
2. KAT	22.546	18.138
1. KAT	16.234	13.078
ZEMİN KAT	8.117	6.543
TOPLAM	79.34	61.89

KATLARA ETKİYEN YATAY YÜKLER

Yüklemeye 1 (X YÖNÜ + 0.05) E1 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	0	0.88	20.73	0	18.19
2. KAT	0	0.88	15.58	0	13.67
1. KAT	0	0.87	11.22	0	9.77
ZEMİN KAT	0	0.87	5.62	0	4.87

Yüklemeye 2 (X YÖNÜ - 0.05) E2 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	0	-0.88	20.73	0	-18.19
2. KAT	0	-0.88	15.58	0	-13.67
1. KAT	0	-0.87	11.22	0	-9.77
ZEMİN KAT	0	-0.87	5.62	0	-4.87

Yüklemeye 3 (Y YÖNÜ + 0.05) E3 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	0.47	0	0	24.13	11.25
2. KAT	0.47	0	0	18.14	8.45
1. KAT	0.46	0	0	13.08	6.07
ZEMİN KAT	0.46	0	0	6.54	3.03

Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem

Kat	ex	ey	Fx	Fy	Mb
3. KAT	-0.47	0	0	24.13	-11.25
2. KAT	-0.47	0	0	18.14	-8.45
1. KAT	-0.46	0	0	13.08	-6.07
ZEMİN KAT	-0.46	0	0	6.54	-3.03

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklemeye 1 (X YÖNÜ + 0.05) E1 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	1.75478	-0.04287	0	0.00728	0.1393	-0.01077
2	3	7.85	9	8.1	7	8	9	10	11	12	1.33387	-0.02249	0	0.00674	0.18998	-0.00559
3	4	7.85	5	10.8	13	14	15	16	17	18	1.71171	-0.04287	0	0.00728	0.13181	-0.01077
4	3	7.85	5	8.1	19	20	21	22	23	24	1.31149	-0.02249	0	0.00674	0.18195	-0.00559
5	4	0.15	9	10.8	25	26	27	28	29	30	1.75478	0.04004	0	-0.00694	0.1393	-0.01077
6	3	0.15	9	8.1	31	32	33	34	35	36	1.33387	0.02059	0	-0.00642	0.18998	-0.00559
7	4	0.15	5	10.8	37	38	39	40	41	42	1.71171	0.04004	0	-0.00694	0.13181	-0.01077
8	3	0.15	5	8.1	43	44	45	46	47	48	1.31149	0.02059	0	-0.00642	0.18195	-0.00559
9	4	7.6	7	10.8	49	50	51	52	53	54	1.73325	-0.04018	-0.08185	-0.00005	0.09124	-0.01077
10	3	7.6	7	8.1	55	56	57	58	59	60	1.32268	-0.02109	-0.07666	0.00104	0.13977	-0.00559
11	4	7.6	10.85	10.8	61	62	63	64	65	66	1.7747	-0.04018	-0.05833	0.01286	0.09595	-0.01077
12	3	7.6	10.85	8.1	67	68	69	70	71	72	1.34422	-0.02109	-0.0548	0.01571	0.15063	-0.00559
13	4	7.6	3.15	10.8	73	74	75	76	77	78	1.69179	-0.04018	-0.0502	-0.01275	0.08968	-0.01077
14	3	7.6	3.15	8.1	79	80	81	82	83	84	1.30115	-0.02109	-0.04749	-0.01438	0.14243	-0.00559
15	4	0.4	7	10.8	85	86	87	88	89	90	1.73325	0.03735	0.08181	-0.00001	0.0912	-0.01077
16	3	0.4	7	8.1	91	92	93	94	95	96	1.32268	0.01919	0.07663	-0.00114	0.13965	-0.00559
17	4	0.4	10.85	10.8	97	98	99	100	101	102	1.7747	0.03735	0.05822	-0.01281	0.09592	-0.01077
18	3	0.4	10.85	8.1	103	104	105	106	107	108	1.34422	0.01919	0.0547	-0.01563	0.1506	-0.00559
19	4	0.4	3.15	10.8	109	110	111	112	113	114	1.69179	0.03735	0.05237	0.01231	0.0876	-0.01077
20	3	0.4	3.15	8.1	115	116	117	118	119	120	1.30115	0.01919	0.04959	0.01476	0.13872	-0.00559
21	4	4	7	10.8	121	122	123	124	125	126	1.73325	-0.00141	-0.00031	0.00043	0.0213	-0.01077
22	3	4	7	8.1	127	128	129	130	131	132	1.32268	-0.00095	-0.00028	0.00034	0.04556	-0.00559
23	4	4	3.4	10.8	133	134	135	136	137	138	1.69448	-0.00141	-0.00313	0.00047	-0.00782	-0.01077
24	3	4	3.4	8.1	139	140	141	142	143	144	1.30254	-0.00095	-0.00308	0.00051	-0.00763	-0.00559
25	4	4	10.6	10.8	145	146	147	148	149	150	1.77201	-0.00141	0.00001	0.00003	-0.009	-0.01077
26	3	4	10.6	8.1	151	152	153	154	155	156	1.34282	-0.00095	0	0.00007	-0.01078	-0.00559
27	4	4	13.6	10.8	157	158	159	160	161	162	1.80432	-0.00141	0.00011	0.00011	0.01529	-0.01077
28	3	4	13.6	8.1	163	164	165	166	167	168	1.35962	-0.00095	0.0001	0.00012	0.02972	-0.0056
29	4	4	0.4	10.8	169	170	171	172	173	174	1.66219	-0.00141	-0.00368	0.00014	0.01659	-0.01077
30	3	4	0.4	8.1	175	176	177	178	179	180	1.28577	-0.00095	-0.00353	0.00022	0.03178	-0.00559
31	4	0.15	13.6	10.8	181	182	183	184	185	186	1.80432	0.04004	0.04409	-0.00093	0.05497	-0.01077
32	3	0.15	13.6	8.1	187	188	189	190	191	192	1.35961	0.02059	0.04139	-0.01001	0.09327	-0.00559
33	4	0.15	0.4	10.8	193	194	195	196	197	198	1.66219	0.04004	0.04542	0.00005	0.0493	-0.01077
34	3	0.15	0.4	8.1	199	200	201	202	203	204	1.28576	0.02059	0.04261	-0.0016	0.08236	-0.00559
35	4	7.85	0.4	10.8	205	206	207	208	209	210	1.66219	-0.04287	-0.0417	0.00065	0.05247	-0.01077
36	3	7.85	0.4	8.1	211	212	213	214	215	216	1.28576	-0.02249	-0.03906	0.00247	0.09137	-0.00559
37	4	7.85	13.6	10.8	217	218	219	220	221	222	1.80432	-0.04287	-0.04392	0.00954	0.05498	-0.01077
38	3	7.85	13.6	8.1	223	224	225	226	227	228	1.35961	-0.02249	-0.04123	0.01028	0.09328	-0.00559
39	2	7.85	9	5.4	229	230	231	232	233	234	0.7629	-0.00383	0	0.00425	0.20218	-0.00086
40	2	7.85	5	5.4	235	236	237	238	239	240	0.75945	-0.00383	0	0.00425	0.19784	-0.00086
41	2	0.15	9	5.4	241	242	243	244	245	246	0.7629	0.00281	0	-0.00396	0.20218	-0.00086
42	2	0.15	5	5.4	247	248	249	250	251	252	0.75945	0.00281	0	-0.00396	0.19784	-0.00086
43	2	7.6	7	5.4	253	254	255	256	257	258	0.76118	-0.00362	-0.06025	0.00062	0.15486	-0.00086
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.7645	-0.00362	-0.0446	0.01267	0.15671	-0.00086
45	2	7.6	3.15	5.4	265	266	267	268	269	270	0.75785	-0.00362	-0.03965	-0.01099	0.15482	-0.00086
46	2	0.4	7	5.4	271	272	273	274	275	276	0.76118	0.0026	0.06024	-0.00068	0.15479	-0.00086
47	2	0.4	10.85	5.4	277	278	279	280	281	282	0.7645	0.0026	0.04453	-0.01259	0.15669	-0.00086
48	2	0.4	3.15	5.4	283	284	285	286	287	288	0.75785	0.0026	0.04132	0.01186	0.15133	-0.00086
49	2	4	7	5.4	289	290	291	292	293	294	0.76118	-0.00051	-0.00021	0.00027	0.02457	-0.00086
50	2	4	3.4	5.4	295	296	297	298	299	300	0.75807	-0.00051	-0.00257	0.00058	0.00359	-0.00086
51	2	4	10.6	5.4	301	302	303	304	305	306	0.76428	-0.00051	0	0.00007	0.00036	-0.00086
52	2	4	13.6	5.4	307	308	309	310	311	312	0.76687	-0.00051	0.00008	0.00011	0.04826	-0.00086
53	2	4	0.4	5.4	313	314	315	316	317	318	0.75548	-0.00051	-0.00289	0.00043	0.05218	-0.00086
54	2	0.15	13.6	5.4	319	320	321	322	323	324	0.76687	0.00281	0.03304	-0.00492	0.11331	-0.00086
55	2	0.15	0.4	5.4	325	326	327	328	329	330	0.75548	0.00281	0.0339	0.00006	0.10755	-0.00086
56	2	7.85	0.4	5.4	331	332	333	334	335	336	0.75548	-0.00383	-0.03111	0.00042	0.11804	-0.00086
57	2	7.85	13.6	5.4	337	338	339	340	341	342	0.76687	-0.00383	-0.03292	0.00516	0.1133	-0.00086
58	1	7.85	9	2.7	343	344	345	346	347	348	0.291	0.00007	0	0.00113	0.16084	0.00005
59	1	7.85	5	2.7	349	350	351	352	353	354	0.29121	0.00007	0	0.00113	0.16095	0.00005
60	1	0.15	9	2.7	355	356	357	358	359	360	0.291	-0.00035	0	-0.00096	0.16084	0.00005
61	1	0.15	5	2.7	361	362	363	364	365	366	0.29121	-0.00035	0	-0.00096	0.16095	0.00005
62	2	7.5	7	5.4	367	368	369	370	371	372	0.76117	-0.00353	-0.04471	0.00062	0.15484	-0.00086
63	1	7.5	7	2.7	373	374	375	376	377	378	0.2911	0.00005	-0.02606	0.00002	0.13366	0.00005
64	2	7.5	10.8	5.4	379	380	381	382	383	384	0.76445	-0.00353	-0.02954	0.01266	0.15669	-0.00086
65	1	7.5	10.8	2.7	385	386	387	388	389	390	0.2909	0.00005	-0.01761	0.0098	0.13162	0.00005
66	2	7.5	3.2	5.4	391	392	393	394	395	396	0.7579	-0.00353	-0.0247	-0.01098	0.1548	-0.00086
67	1	7.5	3.2	2.7	397	398	399	400	401	402	0.29131	0.00005	-0.01496	-0.00825	0.13368	0.00005
68	2	0.5	7	5.4	403	404	405	406	407	408	0.76117	0.00251	0.04471	-0.00068	0.15478	-0.00086
69	1	0.5	7	2.7	409	410	411	412	413	414	0.2911	-0.00034	0.02607	-0.00002	0.13361	0.00005
70	2	0.5	10.8	5.4	415	416	417	418	419	420	0.76445	0.00251	0.02946	-0.01259	0.15667	-0.00086
71	1	0.5	10.8	2.7	421	422	423	424	425	426	0.2909	-0.00034	0.01757	-0.00973	0.13161	0.00005
72	2	0.5	3.2	5.4	427	428	429	430	431	432	0.7579	0.00251	0.02676	0.01185	0.15131	-0.00086
73	1	0.5	3.2	2.7	433	434	435	436	437	438	0.29121	0.00034	0.01698	0.00008	0.13082	0.00005

DÜĞÜM NOKTASI DEPLASMANLARI**Yüklem 1 (X YÖNÜ + 0.05) E1 Deprem Deplasmanlar U ve Dönmeler R**

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
75	2	4	3.5	5.4	445	446	447	448	449	450	0.75815	-0.00051	-0.00251	0.00058	0.00357	-0.00086
76	1	4	3.5	2.7	451	452	453	454	455	456	0.2913	-0.00014	-0.00161	0.00043	0.02025	0.00005
77	2	4	10.5	5.4	457	458	459	460	461	462	0.7642	-0.00051	-0.00001	0.00007	0.00034	-0.00086
78	1	4	10.5	2.7	463	464	465	466	467	468	0.29092	-0.00014	-0.00001	0.00006	0.01727	0.00005
79	2	4	13.5	5.4	469	470	471	472	473	474	0.76679	-0.00051	0.00007	0.00011	0.04824	-0.00086
80	1	4	13.5	2.7	475	476	477	478	479	480	0.29076	-0.00014	0.00004	0.00008	0.05477	0.00005
81	2	4	0.5	5.4	481	482	483	484	485	486	0.75557	-0.00051	-0.00285	0.00043	0.05216	-0.00086
82	1	4	0.5	2.7	487	488	489	490	491	492	0.29146	-0.00014	-0.0018	0.00034	0.05988	0.00006
83	2	0.2	13.5	5.4	493	494	495	496	497	498	0.76678	0.00277	0.02784	-0.00491	0.1133	-0.00086
84	1	0.2	13.5	2.7	499	500	501	502	503	504	0.29075	-0.00035	0.01686	-0.00242	0.10277	0.00005
85	2	0.2	0.5	5.4	505	506	507	508	509	510	0.75557	0.00277	0.0285	0.00006	0.10755	-0.00086
86	1	0.2	0.5	2.7	511	512	513	514	515	516	0.29146	-0.00035	0.01721	0.00184	0.10103	0.00005
87	2	7.8	0.5	5.4	517	518	519	520	521	522	0.75557	-0.00379	-0.02515	0.00042	0.11803	-0.00086
88	1	7.8	0.5	2.7	523	524	525	526	527	528	0.29146	0.00006	-0.0151	-0.00154	0.11072	0.00005
89	2	7.8	13.5	5.4	529	530	531	532	533	534	0.76678	-0.00379	-0.02775	0.00516	0.11329	-0.00086
90	1	7.8	13.5	2.7	535	536	537	538	539	540	0.29075	0.00006	-0.01681	0.00258	0.10277	0.00005
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	1.70991	0.04603	0	-0.00799	0.13146	0.01227
2	3	7.85	9	8.1	7	8	9	10	11	12	1.31065	0.02363	0	-0.00737	0.1816	0.00635
3	4	7.85	5	10.8	13	14	15	16	17	18	1.75899	0.04603	0	-0.00799	0.14006	0.01227
4	3	7.85	5	8.1	19	20	21	22	23	24	1.33606	0.02363	0	-0.00737	0.1907	0.00635
5	4	0.15	9	10.8	25	26	27	28	29	30	1.70991	-0.04844	0	0.00826	0.13146	0.01227
6	3	0.15	9	8.1	31	32	33	34	35	36	1.31065	-0.02529	0	0.00764	0.1816	0.00635
7	4	0.15	5	10.8	37	38	39	40	41	42	1.75899	-0.04844	0	0.00826	0.14006	0.01227
8	3	0.15	5	8.1	43	44	45	46	47	48	1.33606	-0.02529	0	0.00764	0.1907	0.00635
9	4	7.6	7	10.8	49	50	51	52	53	54	1.73445	0.04296	-0.08191	-0.00019	0.09138	0.01227
10	3	7.6	7	8.1	55	56	57	58	59	60	1.32335	0.02204	-0.07671	-0.00148	0.13993	0.00635
11	4	7.6	10.85	10.8	61	62	63	64	65	66	1.68722	0.04296	-0.05192	0.01238	0.08654	0.01227
12	3	7.6	10.85	8.1	67	68	69	70	71	72	1.29889	0.02204	-0.04913	0.01479	0.13805	0.00635
13	4	7.6	3.15	10.8	73	74	75	76	77	78	1.78168	0.04296	-0.05624	-0.0132	0.09963	0.01227
14	3	7.6	3.15	8.1	79	80	81	82	83	84	1.34782	0.02205	-0.05282	-0.01557	0.15559	0.00635
15	4	0.4	7	10.8	85	86	87	88	89	90	1.73445	-0.04537	0.08188	0.00005	0.09133	0.01227
16	3	0.4	7	8.1	91	92	93	94	95	96	1.32335	-0.02371	0.07669	0.00138	0.13979	0.00635
17	4	0.4	10.85	10.8	97	98	99	100	101	102	1.68722	-0.04537	0.05182	-0.01232	0.08651	0.01227
18	3	0.4	10.85	8.1	103	104	105	106	107	108	1.29889	-0.02371	0.04904	-0.01471	0.13803	0.00635
19	4	0.4	3.15	10.8	109	110	111	112	113	114	1.78168	-0.04537	0.05885	0.01282	0.0973	0.01227
20	3	0.4	3.15	8.1	115	116	117	118	119	120	1.34782	-0.02371	0.05535	0.01569	0.15158	0.00635
21	4	4	7	10.8	121	122	123	124	125	126	1.73445	-0.0012	-0.00032	0.00044	0.02131	0.01227
22	3	4	7	8.1	127	128	129	130	131	132	1.32335	-0.00083	-0.00028	0.00035	0.0456	0.00635
23	4	4	3.4	10.8	133	134	135	136	137	138	1.77861	-0.0012	-0.0033	0.0005	-0.00875	0.01227
24	3	4	3.4	8.1	139	140	141	142	143	144	1.34623	-0.00083	-0.00325	0.00052	-0.00855	0.00635
25	4	4	10.6	10.8	145	146	147	148	149	150	1.69028	-0.0012	0.00002	0.00001	-0.00812	0.01227
26	3	4	10.6	8.1	151	152	153	154	155	156	1.30048	-0.00083	0.00001	0.00006	-0.00973	0.00635
27	4	4	13.6	10.8	157	158	159	160	161	162	1.65349	-0.0012	0.00009	0.00009	0.01506	0.01227
28	3	4	13.6	8.1	163	164	165	166	167	168	1.28142	-0.00083	0.00009	0.0001	0.02767	0.00635
29	4	4	0.4	10.8	169	170	171	172	173	174	1.81543	-0.0012	-0.00404	0.00023	0.01719	0.01227
30	3	4	0.4	8.1	175	176	177	178	179	180	1.3653	-0.00083	-0.00385	0.00029	0.03458	0.00635
31	4	0.15	13.6	10.8	181	182	183	184	185	186	1.65348	-0.04844	0.0453	0.00082	0.04827	0.01227
32	3	0.15	13.6	8.1	187	188	189	190	191	192	1.28142	-0.02529	0.04247	0.0026	0.0821	0.00635
33	4	0.15	0.4	10.8	193	194	195	196	197	198	1.81542	-0.04844	0.04432	0.01017	0.05613	0.01227
34	3	0.15	0.4	8.1	199	200	201	202	203	204	1.3653	-0.0253	0.04164	0.011	0.09358	0.00635
35	4	7.85	0.4	10.8	205	206	207	208	209	210	1.81542	0.04603	-0.04054	-0.01001	0.06051	0.01227
36	3	7.85	0.4	8.1	211	212	213	214	215	216	1.3653	0.02363	-0.03803	-0.01071	0.10457	0.00635

DÜĞÜM NOKTASI DEPLASMANLARI**Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem Deplasmanlar U ve Dönmeler R**

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
39	2	7.85	9	5.4	229	230	231	232	233	234	0.75945	0.00334	0	-0.00459	0.19761	0.00099
40	2	7.85	5	5.4	235	236	237	238	239	240	0.7634	0.00334	0	-0.00459	0.20265	0.00099
41	2	0.15	9	5.4	241	242	243	244	245	246	0.75945	-0.00427	0	0.00484	0.19761	0.00099
42	2	0.15	5	5.4	247	248	249	250	251	252	0.7634	-0.00427	0	0.00484	0.20265	0.00099
43	2	7.6	7	5.4	253	254	255	256	257	258	0.76142	0.00309	-0.06028	-0.00102	0.15494	0.00099
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.75762	0.00309	-0.04092	0.01186	0.15109	0.00099
45	2	7.6	3.15	5.4	265	266	267	268	269	270	0.76522	0.00309	-0.04314	-0.01192	0.16067	0.00099
46	2	0.4	7	5.4	271	272	273	274	275	276	0.76142	-0.00402	0.06028	0.00093	0.15488	0.00099
47	2	0.4	10.85	5.4	277	278	279	280	281	282	0.75762	-0.00402	0.04085	-0.01179	0.15106	0.00099
48	2	0.4	3.15	5.4	283	284	285	286	287	288	0.76522	-0.00402	0.04506	0.01267	0.15712	0.00099
49	2	4	7	5.4	289	290	291	292	293	294	0.76142	-0.00046	-0.00021	0.00027	0.02459	0.00099
50	2	4	3.4	5.4	295	296	297	298	299	300	0.76498	-0.00046	-0.00268	0.0006	0.00392	0.00099
51	2	4	10.6	5.4	301	302	303	304	305	306	0.75787	-0.00046	0	0.00006	0.00012	0.00099
52	2	4	13.6	5.4	307	308	309	310	311	312	0.7549	-0.00046	0.00007	0.00009	0.04621	0.00099
53	2	4	0.4	5.4	313	314	315	316	317	318	0.76794	-0.00046	-0.00311	0.00048	0.05466	0.00099
54	2	0.15	13.6	5.4	319	320	321	322	323	324	0.7549	-0.00426	0.03375	0.00054	0.10793	0.00099
55	2	0.15	0.4	5.4	325	326	327	328	329	330	0.76794	-0.00426	0.03326	0.00055	0.11301	0.00099
56	2	7.85	0.4	5.4	331	332	333	334	335	336	0.76794	0.00334	-0.03043	-0.00518	0.12421	0.00099
57	2	7.85	13.6	5.4	337	338	339	340	341	342	0.7549	0.00334	-0.03365	-0.00032	0.10792	0.00099
58	1	7.85	9	2.7	343	344	345	346	347	348	0.29147	-0.00074	0	-0.00112	0.161	-0.00016
59	1	7.85	5	2.7	349	350	351	352	353	354	0.29084	-0.00074	0	-0.00112	0.16086	-0.00016
60	1	0.15	9	2.7	355	356	357	358	359	360	0.29147	0.00047	0	0.00128	0.161	-0.00016
61	1	0.15	5	2.7	361	362	363	364	365	366	0.29084	0.00047	0	0.00128	0.16086	-0.00016
62	2	7.5	7	5.4	367	368	369	370	371	372	0.76142	0.00299	-0.04474	-0.00102	0.15493	0.00099
63	1	7.5	7	2.7	373	374	375	376	377	378	0.29115	-0.00068	-0.02608	-0.00014	0.1337	-0.00016
64	2	7.5	10.8	5.4	379	380	381	382	383	384	0.75767	0.00299	-0.02638	0.01185	0.15107	0.00099
65	1	7.5	10.8	2.7	385	386	387	388	389	390	0.29175	-0.00068	-0.01604	0.00906	0.13105	-0.00016
66	2	7.5	3.2	5.4	391	392	393	394	395	396	0.76518	0.00299	-0.02764	-0.01191	0.16065	0.00099
67	1	7.5	3.2	2.7	397	398	399	400	401	402	0.29056	-0.00068	-0.01643	-0.00898	0.13431	-0.00016
68	2	0.5	7	5.4	403	404	405	406	407	408	0.76142	-0.00392	0.04475	0.00093	0.15486	0.00099
69	1	0.5	7	2.7	409	410	411	412	413	414	0.29115	0.00042	0.02608	0.00012	0.13365	-0.00016
70	2	0.5	10.8	5.4	415	416	417	418	419	420	0.75767	-0.00392	0.02631	-0.01178	0.15105	0.00099
71	1	0.5	10.8	2.7	421	422	423	424	425	426	0.29175	0.00042	0.016	-0.009	0.13104	-0.00016
72	2	0.5	3.2	5.4	427	428	429	430	431	432	0.76518	-0.00392	0.02995	0.01267	0.1571	0.00099
73	1	0.5	3.2	2.7	433	434	435	436	437	438	0.29056	0.00042	0.01787	0.00981	0.13147	-0.00016
74	1	4	7	2.7	439	440	441	442	443	444	0.29115	-0.00013	-0.00012	0.00017	0.00862	-0.00016
75	2	4	3.5	5.4	445	446	447	448	449	450	0.76488	-0.00046	-0.00261	0.0006	0.0039	0.00099
76	1	4	3.5	2.7	451	452	453	454	455	456	0.2906	-0.00013	-0.00166	0.00043	0.02105	-0.00016
77	2	4	10.5	5.4	457	458	459	460	461	462	0.75796	-0.00046	0	0.00006	0.0001	0.00099
78	1	4	10.5	2.7	463	464	465	466	467	468	0.29171	-0.00013	0	0.00005	0.01648	-0.00016
79	2	4	13.5	5.4	469	470	471	472	473	474	0.755	-0.00046	0.00006	0.00009	0.04619	0.00099
80	1	4	13.5	2.7	475	476	477	478	479	480	0.29218	-0.00013	0.00003	0.00007	0.05398	-0.00016
81	2	4	0.5	5.4	481	482	483	484	485	486	0.76784	-0.00046	-0.00306	0.00048	0.05465	0.00099
82	1	4	0.5	2.7	487	488	489	490	491	492	0.29014	-0.00013	-0.00191	0.00034	0.06077	-0.00016
83	2	0.2	13.5	5.4	493	494	495	496	497	498	0.755	-0.00422	0.02828	0.00053	0.10792	0.00099
84	1	0.2	13.5	2.7	499	500	501	502	503	504	0.29218	0.00046	0.01705	-0.0017	0.10186	-0.00016
85	2	0.2	0.5	5.4	505	506	507	508	509	510	0.76784	-0.00422	0.02814	0.00055	0.113	0.00099
86	1	0.2	0.5	2.7	511	512	513	514	515	516	0.29013	0.00046	0.01706	0.00256	0.10201	-0.00016
87	2	7.8	0.5	5.4	517	518	519	520	521	522	0.76784	0.00329	-0.02471	-0.00518	0.1242	0.00099
88	1	7.8	0.5	2.7	523	524	525	526	527	528	0.29013	-0.00073	-0.0149	-0.00226	0.11172	-0.00016
89	2	7.8	13.5	5.4	529	530	531	532	533	534	0.755	0.00329	-0.0282	-0.00032	0.10791	0.00099
90	1	7.8	13.5	2.7	535	536	537	538	539	540	0.29218	-0.00073	-0.01701	0.00185	0.10186	-0.00016
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
----	-----	---	---	---	----	----	----	----	----	----	------	------	------	------	------	------

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
3	4	7.85	5	10.8	13	14	15	16	17	18	0.01346	0.76084	0	-0.08881	0.00247	0.00728
4	3	7.85	5	8.1	19	20	21	22	23	24	0.00667	0.51859	0	-0.08696	0.0026	0.00377
5	4	0.15	9	10.8	25	26	27	28	29	30	-0.01565	0.70481	0	-0.07917	-0.00263	0.00728
6	3	0.15	9	8.1	31	32	33	34	35	36	-0.0084	0.48957	0	-0.07806	-0.00281	0.00377
7	4	0.15	5	10.8	37	38	39	40	41	42	0.01346	0.70481	0	-0.07917	0.00247	0.00728
8	3	0.15	5	8.1	43	44	45	46	47	48	0.00667	0.48957	0	-0.07806	0.0026	0.00377
9	4	7.6	7	10.8	49	50	51	52	53	54	-0.0011	0.75903	0.00023	-0.00697	-0.0001	0.00728
10	3	7.6	7	8.1	55	56	57	58	59	60	-0.00087	0.51765	0.00016	-0.02202	-0.00009	0.00377
11	4	7.6	10.85	10.8	61	62	63	64	65	66	-0.02912	0.75903	0.02472	-0.00849	-0.00572	0.00728
12	3	7.6	10.85	8.1	67	68	69	70	71	72	-0.01538	0.51765	0.02263	-0.01183	-0.00649	0.00377
13	4	7.6	3.15	10.8	73	74	75	76	77	78	0.02692	0.75903	-0.02205	-0.00753	0.00564	0.00728
14	3	7.6	3.15	8.1	79	80	81	82	83	84	0.01364	0.51765	-0.02004	-0.0127	0.00622	0.00377
15	4	0.4	7	10.8	85	86	87	88	89	90	-0.0011	0.70663	-0.00005	-0.00628	-0.00007	0.00728
16	3	0.4	7	8.1	91	92	93	94	95	96	-0.00087	0.49052	-0.00004	-0.02028	-0.00008	0.00377
17	4	0.4	10.85	10.8	97	98	99	100	101	102	-0.02912	0.70663	0.02062	-0.00825	-0.00042	0.00728
18	3	0.4	10.85	8.1	103	104	105	106	107	108	-0.01538	0.49052	0.01897	-0.01123	-0.00171	0.00377
19	4	0.4	3.15	10.8	109	110	111	112	113	114	0.02692	0.70663	-0.02053	-0.00825	0.00012	0.00728
20	3	0.4	3.15	8.1	115	116	117	118	119	120	0.01364	0.49052	-0.0189	-0.01125	0.00014	0.00377
21	4	4	7	10.8	121	122	123	124	125	126	-0.0011	0.73283	0.00008	-0.00243	-0.00004	0.00728
22	3	4	7	8.1	127	128	129	130	131	132	-0.00087	0.50409	0.00004	-0.01922	-0.00005	0.00377
23	4	4	3.4	10.8	133	134	135	136	137	138	0.0251	0.73283	-0.0188	-0.03005	-0.00082	0.00728
24	3	4	3.4	8.1	139	140	141	142	143	144	0.0127	0.50409	-0.01718	-0.04349	-0.00083	0.00377
25	4	4	10.6	10.8	145	146	147	148	149	150	-0.0273	0.73283	0.02078	-0.02968	0.00003	0.00728
26	3	4	10.6	8.1	151	152	153	154	155	156	-0.01443	0.50409	0.01914	-0.04241	0.00034	0.00377
27	4	4	13.6	10.8	157	158	159	160	161	162	-0.04913	0.73283	-0.05509	-0.05255	-0.00008	0.00728
28	3	4	13.6	8.1	163	164	165	166	167	168	-0.02574	0.50409	-0.05088	-0.06166	-0.00067	0.00377
29	4	4	0.4	10.8	169	170	171	172	173	174	0.04693	0.73283	0.05312	-0.05322	0.00005	0.00728
30	3	4	0.4	8.1	175	176	177	178	179	180	0.02401	0.50409	0.04898	-0.06298	0.00078	0.00377
31	4	0.15	13.6	10.8	181	182	183	184	185	186	-0.04913	0.70482	-0.04016	-0.05474	0.00158	0.00728
32	3	0.15	13.6	8.1	187	188	189	190	191	192	-0.02574	0.48958	-0.0372	-0.06464	-0.00084	0.00377
33	4	0.15	0.4	10.8	193	194	195	196	197	198	0.04693	0.70481	0.04005	-0.0547	-0.00118	0.00728
34	3	0.15	0.4	8.1	199	200	201	202	203	204	0.02401	0.48958	0.0371	-0.06463	0.00099	0.00377
35	4	7.85	0.4	10.8	205	206	207	208	209	210	0.04693	0.76084	0.03841	-0.06311	0.0061	0.00728
36	3	7.85	0.4	8.1	211	212	213	214	215	216	0.02401	0.5186	0.03551	-0.0748	0.00668	0.00377
37	4	7.85	13.6	10.8	217	218	219	220	221	222	-0.04913	0.76085	-0.04085	-0.06118	-0.00592	0.00728
38	3	7.85	13.6	8.1	223	224	225	226	227	228	-0.02574	0.5186	-0.03781	-0.07262	-0.00638	0.00377
39	2	7.85	9	5.4	229	230	231	232	233	234	-0.0017	0.27876	0	-0.07581	-0.00162	0.00058
40	2	7.85	5	5.4	235	236	237	238	239	240	0.00063	0.27876	0	-0.07581	0.00134	0.00058
41	2	0.15	9	5.4	241	242	243	244	245	246	-0.0017	0.27427	0	-0.07024	-0.00162	0.00058
42	2	0.15	5	5.4	247	248	249	250	251	252	0.00063	0.27427	0	-0.07024	0.00134	0.00058
43	2	7.6	7	5.4	253	254	255	256	257	258	-0.00053	0.27862	0.00008	-0.0303	-0.00013	0.00058
44	2	7.6	10.85	5.4	259	260	261	262	263	264	-0.00278	0.27862	0.01678	-0.013	-0.00537	0.00058
45	2	7.6	3.15	5.4	265	266	267	268	269	270	0.00171	0.27862	-0.0147	-0.01475	0.00489	0.00058
46	2	0.4	7	5.4	271	272	273	274	275	276	-0.00053	0.27442	-0.00004	-0.02932	-0.00012	0.00058
47	2	0.4	10.85	5.4	277	278	279	280	281	282	-0.00278	0.27442	0.01438	-0.01246	0.00153	0.00058
48	2	0.4	3.15	5.4	283	284	285	286	287	288	0.00171	0.27442	-0.01434	-0.0125	-0.00187	0.00058
49	2	4	7	5.4	289	290	291	292	293	294	-0.00053	0.27652	0	-0.01181	-0.00002	0.00058
50	2	4	3.4	5.4	295	296	297	298	299	300	0.00157	0.27652	-0.01235	-0.04092	-0.00024	0.00058
51	2	4	10.6	5.4	301	302	303	304	305	306	-0.00263	0.27652	0.01397	-0.03988	-0.00007	0.00058
52	2	4	13.6	5.4	307	308	309	310	311	312	-0.00438	0.27652	-0.03885	-0.05521	-0.00069	0.00058
53	2	4	0.4	5.4	313	314	315	316	317	318	0.00332	0.27652	0.03737	-0.05632	0.00058	0.00058
54	2	0.15	13.6	5.4	319	320	321	322	323	324	-0.00438	0.27427	-0.02916	-0.05873	-0.00341	0.00058
55	2	0.15	0.4	5.4	325	326	327	328	329	330	0.00332	0.27427	0.02908	-0.05871	0.00344	0.00058
56	2	7.85	0.4	5.4	331	332	333	334	335	336	0.00332	0.27876	0.02782	-0.06368	-0.00006	0.00058
57	2	7.85	13.6	5.4	337	338	339	340	341	342	-0.00438	0.27876	-0.02955	-0.06219	-0.0002	0.00058
58	1	7.85	9	2.7	343	344	345	346	347	348	-0.00002	0.09446	0	-0.04751	-0.00007	-0.00007
59	1	7.85	5	2.7	349	350	351	352	353	354	-0.00031	0.09446	0	-0.04751	-0.00015	-0.00007
60	1	0.15	9	2.7	355	356	357	358	359	360	-0.00002	0.09503	0	-0.0461	-0.00007	-0.00007
61	1	0.15	5	2.7	361	362	363	364	365	366	-0.00031	0.09503	0	-0.0461	-0.00015	-0.00007
62	2	7.5	7	5.4	367	368	369	370	371	372	-0.00053	0.27856	0.00006	-0.0303	-0.00013	0.00058
63	1	7.5	7	2.7	373	374	375	376	377	378	-0.00016	0.09449	0.00002	-0.02821	-0.00008	-0.00007
64	2	7.5	10.8	5.4	379	380	381	382	383	384	-0.00275	0.27856	0.01687	-0.013	-0.00537	0.00058
65	1	7.5	10.8	2.7	385	386	387	388	389	390	0.00012	0.09449	0.00997	-0.01517	-0.00226	-0.00007
66	2	7.5	3.2	5.4	391	392	393	394	395	396	0.00168	0.27856	-0.01494	-0.01475	0.00489	0.00058
67	1	7.5	3.2	2.7	397	398	399	400	401	402	-0.00044	0.09449	-0.00877	-0.0172	0.00185	-0.00007
68	2	0.5	7	5.4	403	404	405	406	407	408	-0.00053	0.27448	-0.00003	-0.02931	-0.00012	0.00058
69	1	0.5	7	2.7	409	410	411	412	413	414	-0.00016	0.095	-0.00002	-0.02828	-0.00009	-0.00007
70	2	0.5	10.8	5.4	415	416	417	418	419	420	-0.00275	0.27448	0.01484	-0.01246	0.00153	0.00058
71	1	0.5	10.8	2.7	421	422	423	424	425	426	0.00012	0.095	0.00895	-0.01468	0.0017	-0.00007
72	2	0.5	3.2	5.4	427	428	429	430	431	432	0.00168	0.27448	-0.01476	-0.0125	-0.00187	0.00058
73	1	0.5	3.2	2.7	433	434	435	436	437	438	-0.00044	0.095	-0.00891	-0.0147	-0.00194	-0.00007
74	1	4	7	2.7	439	440	441	442	443	444	-0.00016	0.09474	-0.00001	-0.00544	-0.00001	-0.00007
75	2	4	3.5	5.4	445	446	447	448	449	450	0.00151	0.27652	-0.01643	-0.04091	-0.00024	0.00058
76	1	4	3.5	2.7	451	452	453	454	455	456	-0.00042	0.09475	-0.01007	-0.03567	-0.00001	-0.00007
77	2	4	10.5	5.4	457	458	459	460	461	462	-0.00257	0.27652	0.01794	-0.03987	-0.00007	0.00058

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
80	1	4	13.5	2.7	475	476	477	478	479	480	0.00032	0.09474	-0.01967	-0.04179	-0.00029	-0.00007
81	2	4	0.5	5.4	481	482	483	484	485	486	0.00326	0.27652	0.0317	-0.05631	0.00058	0.00058
82	1	4	0.5	2.7	487	488	489	490	491	492	-0.00064	0.09474	0.01868	-0.04278	0.00018	-0.00007
83	2	0.2	13.5	5.4	493	494	495	496	497	498	-0.00432	0.2743	-0.02309	-0.05872	-0.00341	0.00058
84	1	0.2	13.5	2.7	499	500	501	502	503	504	0.00032	0.09503	-0.01369	-0.04535	-0.00052	-0.00007
85	2	0.2	0.5	5.4	505	506	507	508	509	510	0.00326	0.2743	0.02302	-0.05871	0.00344	0.00058
86	1	0.2	0.5	2.7	511	512	513	514	515	516	-0.00064	0.09503	0.01365	-0.04534	0.00046	-0.00007
87	2	7.8	0.5	5.4	517	518	519	520	521	522	0.00326	0.27873	0.02142	-0.06368	-0.00007	0.00058
88	1	7.8	0.5	2.7	523	524	525	526	527	528	-0.00064	0.09446	0.01262	-0.04701	0.00004	-0.00007
89	2	7.8	13.5	5.4	529	530	531	532	533	534	-0.00432	0.27873	-0.02332	-0.06218	-0.0002	0.00058
90	1	7.8	13.5	2.7	535	536	537	538	539	540	0.00032	0.09446	-0.01379	-0.0458	-0.00021	-0.00007
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	0.01208	0.70589	0	-0.07937	0.00222	-0.00696
2	3	7.85	9	8.1	7	8	9	10	11	12	0.00595	0.49008	0	-0.07824	0.00237	-0.00362
3	4	7.85	5	10.8	13	14	15	16	17	18	-0.01577	0.70589	0	-0.07937	-0.00263	-0.00696
4	3	7.85	5	8.1	19	20	21	22	23	24	-0.00852	0.49008	0	-0.07824	-0.00281	-0.00362
5	4	0.15	9	10.8	25	26	27	28	29	30	0.01208	0.7595	0	-0.08857	0.00222	-0.00696
6	3	0.15	9	8.1	31	32	33	34	35	36	0.00595	0.51794	0	-0.08675	0.00237	-0.00362
7	4	0.15	5	10.8	37	38	39	40	41	42	-0.01577	0.7595	0	-0.08857	-0.00263	-0.00696
8	3	0.15	5	8.1	43	44	45	46	47	48	-0.00852	0.51794	0	-0.08675	-0.00281	-0.00362
9	4	7.6	7	10.8	49	50	51	52	53	54	-0.00184	0.70763	0.00026	-0.00688	-0.00018	-0.00696
10	3	7.6	7	8.1	55	56	57	58	59	60	-0.00128	0.49099	0.00019	-0.02046	-0.00018	-0.00362
11	4	7.6	10.85	10.8	61	62	63	64	65	66	0.02496	0.70763	0.02076	-0.00819	0.0001	-0.00696
12	3	7.6	10.85	8.1	67	68	69	70	71	72	0.01265	0.49099	0.01912	-0.01126	0.00128	-0.00362
13	4	7.6	3.15	10.8	73	74	75	76	77	78	-0.02865	0.70763	-0.01832	-0.00725	-0.00051	-0.00696
14	3	7.6	3.15	8.1	79	80	81	82	83	84	-0.01521	0.49099	-0.01674	-0.01196	-0.00191	-0.00362
15	4	0.4	7	10.8	85	86	87	88	89	90	-0.00184	0.75776	-0.00009	-0.00632	-0.00015	-0.00696
16	3	0.4	7	8.1	91	92	93	94	95	96	-0.00128	0.51704	-0.00008	-0.02184	-0.00017	-0.00362
17	4	0.4	10.85	10.8	97	98	99	100	101	102	0.02497	0.75776	0.02457	-0.00855	0.0054	-0.00696
18	3	0.4	10.85	8.1	103	104	105	106	107	108	0.01265	0.51704	0.02248	-0.01179	0.00607	-0.00362
19	4	0.4	3.15	10.8	109	110	111	112	113	114	-0.02865	0.75776	-0.02455	-0.00856	-0.00588	-0.00696
20	3	0.4	3.15	8.1	115	116	117	118	119	120	-0.01521	0.51704	-0.02246	-0.01183	-0.00655	-0.00362
21	4	4	7	10.8	121	122	123	124	125	126	-0.00184	0.7327	0.00009	-0.00244	-0.00004	-0.00696
22	3	4	7	8.1	127	128	129	130	131	132	-0.00128	0.50401	0.00005	-0.01923	-0.00007	-0.00362
23	4	4	3.4	10.8	133	134	135	136	137	138	-0.02691	0.7327	-0.01869	-0.03007	-0.00025	-0.00696
24	3	4	3.4	8.1	139	140	141	142	143	144	-0.01431	0.50401	-0.01708	-0.0435	-0.00026	-0.00362
25	4	4	10.6	10.8	145	146	147	148	149	150	0.02322	0.7327	0.02078	-0.02967	-0.00025	-0.00696
26	3	4	10.6	8.1	151	152	153	154	155	156	0.01174	0.50401	0.01914	-0.0424	-0.0003	-0.00362
27	4	4	13.6	10.8	157	158	159	160	161	162	0.04411	0.7327	-0.05508	-0.05254	0.00006	-0.00696
28	3	4	13.6	8.1	163	164	165	166	167	168	0.0226	0.50401	-0.05087	-0.06164	0.00059	-0.00362
29	4	4	0.4	10.8	169	170	171	172	173	174	-0.04779	0.7327	0.05335	-0.05327	-0.00032	-0.00696
30	3	4	0.4	8.1	175	176	177	178	179	180	-0.02516	0.50401	0.04918	-0.06302	-0.00095	-0.00362
31	4	0.15	13.6	10.8	181	182	183	184	185	186	0.04412	0.75951	-0.04091	-0.06099	0.00572	-0.00696
32	3	0.15	13.6	8.1	187	188	189	190	191	192	0.0226	0.51795	-0.03786	-0.07243	0.00607	-0.00362
33	4	0.15	0.4	10.8	193	194	195	196	197	198	-0.04779	0.7595	0.04072	-0.06096	-0.00541	-0.00696
34	3	0.15	0.4	8.1	199	200	201	202	203	204	-0.02516	0.51794	0.0377	-0.07242	-0.00595	-0.00362
35	4	7.85	0.4	10.8	205	206	207	208	209	210	-0.04779	0.70589	0.03769	-0.05652	0.00113	-0.00696
36	3	7.85	0.4	8.1	211	212	213	214	215	216	-0.02516	0.49008	0.03487	-0.06665	-0.00149	-0.00362
37	4	7.85	13.6	10.8	217	218	219	220	221	222	0.04411	0.7059	-0.04008	-0.0549	-0.00178	-0.00696
38	3	7.85	13.6	8.1	223	224	225	226	227	228	0.02259	0.49009	-0.03713	-0.0648	0.00053	-0.00362
39	2	7.85	9	5.4	229	230	231	232	233	234	0.00044	0.27433	0	-0.07035	0.0012	-0.00056
40	2	7.85	5	5.4	235	236	237	238	239	240	-0.00181	0.27433	0	-0.07035	-0.00163	-0.00056
41	2	0.15	9	5.4	241	242	243	244	245	246	0.00044	0.27865	0	-0.07568	0.0012	-0.00056

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.00148	0.27447	0.0145	-0.0125	-0.00189	-0.00056
45	2	7.6	3.15	5.4	265	266	267	268	269	270	-0.00285	0.27447	-0.01255	-0.01418	0.00127	-0.00056
46	2	0.4	7	5.4	271	272	273	274	275	276	-0.00068	0.27851	-0.00006	-0.03032	-0.00017	-0.00056
47	2	0.4	10.85	5.4	277	278	279	280	281	282	0.00148	0.27851	0.01666	-0.01296	0.005	-0.00056
48	2	0.4	3.15	5.4	283	284	285	286	287	288	-0.00285	0.27851	-0.01665	-0.01301	-0.00545	-0.00056
49	2	4	7	5.4	289	290	291	292	293	294	-0.00068	0.27649	0.00001	-0.01182	-0.00003	-0.00056
50	2	4	3.4	5.4	295	296	297	298	299	300	-0.00271	0.27649	-0.01229	-0.04093	-0.00045	-0.00056
51	2	4	10.6	5.4	301	302	303	304	305	306	0.00134	0.27649	0.01397	-0.03988	0.00007	-0.00056
52	2	4	13.6	5.4	307	308	309	310	311	312	0.00302	0.27649	-0.03884	-0.0552	0.00058	-0.00056
53	2	4	0.4	5.4	313	314	315	316	317	318	-0.00439	0.27649	0.0375	-0.05635	-0.00096	-0.00056
54	2	0.15	13.6	5.4	319	320	321	322	323	324	0.00302	0.27865	-0.0296	-0.0621	-0.00008	-0.00056
55	2	0.15	0.4	5.4	325	326	327	328	329	330	-0.00439	0.27865	0.02948	-0.06208	0.00007	-0.00056
56	2	7.85	0.4	5.4	331	332	333	334	335	336	-0.00439	0.27433	0.02739	-0.06022	-0.00388	-0.00056
57	2	7.85	13.6	5.4	337	338	339	340	341	342	0.00302	0.27433	-0.0291	-0.0588	0.00312	-0.00056
58	1	7.85	9	2.7	343	344	345	346	347	348	-0.00031	0.09495	0	-0.04612	-0.00017	0.00006
59	1	7.85	5	2.7	349	350	351	352	353	354	-0.00008	0.09495	0	-0.04612	-0.0001	0.00006
60	1	0.15	9	2.7	355	356	357	358	359	360	-0.00031	0.09452	0	-0.04748	-0.00017	0.00006
61	1	0.15	5	2.7	361	362	363	364	365	366	-0.00008	0.09452	0	-0.04748	-0.0001	0.00006
62	2	7.5	7	5.4	367	368	369	370	371	372	-0.00068	0.27452	0.00008	-0.02928	-0.00018	-0.00056
63	1	7.5	7	2.7	373	374	375	376	377	378	-0.00019	0.09493	0.00003	-0.02811	-0.00011	0.00006
64	2	7.5	10.8	5.4	379	380	381	382	383	384	0.00145	0.27452	0.01492	-0.0125	-0.00189	-0.00056
65	1	7.5	10.8	2.7	385	386	387	388	389	390	-0.00041	0.09493	0.009	-0.01471	-0.00191	0.00006
66	2	7.5	3.2	5.4	391	392	393	394	395	396	-0.00282	0.27452	-0.01312	-0.01417	0.00127	-0.00056
67	1	7.5	3.2	2.7	397	398	399	400	401	402	0.00002	0.09493	-0.00787	-0.01675	0.00145	0.00006
68	2	0.5	7	5.4	403	404	405	406	407	408	-0.00068	0.27846	-0.00005	-0.03031	-0.00017	-0.00056
69	1	0.5	7	2.7	409	410	411	412	413	414	-0.00019	0.09454	-0.00003	-0.02836	-0.00012	0.00006
70	2	0.5	10.8	5.4	415	416	417	418	419	420	0.00145	0.27846	0.01679	-0.01295	0.005	-0.00056
71	1	0.5	10.8	2.7	421	422	423	424	425	426	-0.00041	0.09454	0.00992	-0.01513	0.00205	0.00006
72	2	0.5	3.2	5.4	427	428	429	430	431	432	-0.00282	0.27846	-0.01674	-0.013	-0.00545	-0.00056
73	1	0.5	3.2	2.7	433	434	435	436	437	438	0.00002	0.09454	-0.00989	-0.01516	-0.00234	0.00006
74	1	4	7	2.7	439	440	441	442	443	444	-0.00019	0.09474	-0.00001	-0.00544	-0.00002	0.00006
75	2	4	3.5	5.4	445	446	447	448	449	450	-0.00265	0.27649	-0.01637	-0.04092	-0.00044	-0.00056
76	1	4	3.5	2.7	451	452	453	454	455	456	0	0.09474	-0.01004	-0.03568	-0.00051	0.00006
77	2	4	10.5	5.4	457	458	459	460	461	462	0.00128	0.27649	0.01794	-0.03986	0.00007	-0.00056
78	1	4	10.5	2.7	463	464	465	466	467	468	-0.00039	0.09474	0.01103	-0.03477	0.00022	0.00006
79	2	4	13.5	5.4	469	470	471	472	473	474	0.00297	0.27649	-0.03329	-0.05519	0.00058	-0.00056
80	1	4	13.5	2.7	475	476	477	478	479	480	-0.00056	0.09474	-0.01967	-0.04179	0.00019	0.00006
81	2	4	0.5	5.4	481	482	483	484	485	486	-0.00434	0.27649	0.03183	-0.05634	-0.00096	-0.00056
82	1	4	0.5	2.7	487	488	489	490	491	492	0.00017	0.09474	0.01875	-0.04278	-0.00037	0.00006
83	2	0.2	13.5	5.4	493	494	495	496	497	498	0.00297	0.27862	-0.02336	-0.06209	-0.00009	-0.00056
84	1	0.2	13.5	2.7	499	500	501	502	503	504	-0.00056	0.09452	-0.01381	-0.04579	0.00004	0.00006
85	2	0.2	0.5	5.4	505	506	507	508	509	510	-0.00434	0.27862	0.02324	-0.06207	0.00007	-0.00056
86	1	0.2	0.5	2.7	511	512	513	514	515	516	0.00017	0.09452	0.01374	-0.04579	-0.00015	0.00006
87	2	7.8	0.5	5.4	517	518	519	520	521	522	-0.00434	0.27435	0.02115	-0.06022	-0.00388	-0.00056
88	1	7.8	0.5	2.7	523	524	525	526	527	528	0.00017	0.09495	0.0125	-0.04657	-0.00057	0.00006
89	2	7.8	13.5	5.4	529	530	531	532	533	534	0.00297	0.27435	-0.02304	-0.0588	0.00312	-0.00056
90	1	7.8	13.5	2.7	535	536	537	538	539	540	-0.00056	0.09495	-0.01366	-0.04535	0.00035	0.00006
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklem 5 G DÜŞEY Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	0.00344	-0.00439	-0.07016	0.00054	0.00051	-0.00012
2	3	7.85	9	8.1	7	8	9	10	11	12	0.00209	-0.00289	-0.06326	0.00052	0.00047	-0.00005
3	4	7.85	5	10.8	13	14	15	16	17	18	0.00391	-0.00439	-0.07016	0.00054	0.00062	-0.00012
4	3	7.85	5	8.1	19	20	21	22	23	24	0.00228	-0.00289	-0.06326	0.00052	0.00056	-0.00005
5	4	0.15	9	10.8	25	26	27	28	29	30	0.00344	-0.00529	-0.07016	0.00072	0.00051	-0.00012

DÜĞÜM NOKTASI DEPLASMANLARI

Yüklem 5 G DÜŞEY Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
8	3	0.15	5	8.1	43	44	45	46	47	48	0.00228	-0.00327	-0.06326	0.00067	0.00056	-0.00005
9	4	7.6	7	10.8	49	50	51	52	53	54	0.00367	-0.00442	-0.14181	0.00331	0.03353	-0.00012
10	3	7.6	7	8.1	55	56	57	58	59	60	0.00218	-0.00291	-0.12332	0.00249	0.01804	-0.00005
11	4	7.6	10.85	10.8	61	62	63	64	65	66	0.00322	-0.00442	-0.15478	0.00171	0.02396	-0.00012
12	3	7.6	10.85	8.1	67	68	69	70	71	72	0.00199	-0.00291	-0.13411	0.00068	0.01212	-0.00005
13	4	7.6	3.15	10.8	73	74	75	76	77	78	0.00413	-0.00442	-0.12793	0.0027	0.02216	-0.00012
14	3	7.6	3.15	8.1	79	80	81	82	83	84	0.00237	-0.00291	-0.11101	0.00279	0.01087	-0.00005
15	4	0.4	7	10.8	85	86	87	88	89	90	0.00367	-0.00526	-0.14355	0.00028	-0.03261	-0.00012
16	3	0.4	7	8.1	91	92	93	94	95	96	0.00219	-0.00326	-0.12479	0.00036	-0.01715	-0.00005
17	4	0.4	10.85	10.8	97	98	99	100	101	102	0.00322	-0.00526	-0.15468	0.00203	-0.02343	-0.00012
18	3	0.4	10.85	8.1	103	104	105	106	107	108	0.002	-0.00326	-0.13406	0.00083	-0.01146	-0.00005
19	4	0.4	3.15	10.8	109	110	111	112	113	114	0.00412	-0.00526	-0.1535	-0.00164	-0.02104	-0.00012
20	3	0.4	3.15	8.1	115	116	117	118	119	120	0.00238	-0.00326	-0.13306	-0.00054	-0.0102	-0.00005
21	4	4	7	10.8	121	122	123	124	125	126	0.00367	-0.00484	-0.27656	0.00201	0.00031	-0.00012
22	3	4	7	8.1	127	128	129	130	131	132	0.00219	-0.00308	-0.24662	0.00164	0.0003	-0.00005
23	4	4	3.4	10.8	133	134	135	136	137	138	0.0041	-0.00484	-0.22432	0.01205	0.00426	-0.00012
24	3	4	3.4	8.1	139	140	141	142	143	144	0.00236	-0.00308	-0.19352	0.00855	0.00315	-0.00005
25	4	4	10.6	10.8	145	146	147	148	149	150	0.00325	-0.00484	-0.24229	-0.00122	-0.00009	-0.00012
26	3	4	10.6	8.1	151	152	153	154	155	156	0.00201	-0.00308	-0.20888	-0.00533	-0.00006	-0.00005
27	4	4	13.6	10.8	157	158	159	160	161	162	0.0029	-0.00484	-0.20673	-0.00561	0.00004	-0.00012
28	3	4	13.6	8.1	163	164	165	166	167	168	0.00186	-0.00308	-0.17891	-0.00331	0.00007	-0.00005
29	4	4	0.4	10.8	169	170	171	172	173	174	0.00445	-0.00484	-0.17788	0.00666	0.00496	-0.00012
30	3	4	0.4	8.1	175	176	177	178	179	180	0.00251	-0.00308	-0.15406	0.00445	0.00383	-0.00005
31	4	0.15	13.6	10.8	181	182	183	184	185	186	0.0029	-0.00529	-0.14297	-0.0019	-0.0255	-0.00012
32	3	0.15	13.6	8.1	187	188	189	190	191	192	0.00186	-0.00327	-0.12439	-0.00125	-0.01738	-0.00005
33	4	0.15	0.4	10.8	193	194	195	196	197	198	0.00445	-0.00529	-0.14115	0.00297	-0.01977	-0.00012
34	3	0.15	0.4	8.1	199	200	201	202	203	204	0.00251	-0.00327	-0.12279	0.0024	-0.0135	-0.00005
35	4	7.85	0.4	10.8	205	206	207	208	209	210	0.00445	-0.00439	-0.11032	0.00253	0.02263	-0.00012
36	3	7.85	0.4	8.1	211	212	213	214	215	216	0.00251	-0.00289	-0.09615	0.00205	0.01501	-0.00005
37	4	7.85	13.6	10.8	217	218	219	220	221	222	0.0029	-0.00439	-0.1427	-0.00198	0.02579	-0.00012
38	3	7.85	13.6	8.1	223	224	225	226	227	228	0.00186	-0.00289	-0.12416	-0.00137	0.01776	-0.00005
39	2	7.85	9	5.4	229	230	231	232	233	234	0.00095	-0.00153	-0.04947	0.00044	0.00036	0
40	2	7.85	5	5.4	235	236	237	238	239	240	0.00096	-0.00153	-0.04947	0.00044	0.00041	0
41	2	0.15	9	5.4	241	242	243	244	245	246	0.00095	-0.00156	-0.04947	0.00053	0.00036	0
42	2	0.15	5	5.4	247	248	249	250	251	252	0.00096	-0.00156	-0.04947	0.00053	0.00041	0
43	2	7.6	7	5.4	253	254	255	256	257	258	0.00095	-0.00153	-0.08559	0.00142	0.00856	0
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.00094	-0.00153	-0.09242	0.00561	0.00292	0
45	2	7.6	3.15	5.4	265	266	267	268	269	270	0.00097	-0.00153	-0.07686	-0.00288	0.00254	0
46	2	0.4	7	5.4	271	272	273	274	275	276	0.00095	-0.00156	-0.08656	0.00029	-0.00782	0
47	2	0.4	10.85	5.4	277	278	279	280	281	282	0.00094	-0.00156	-0.09243	0.00565	-0.00241	0
48	2	0.4	3.15	5.4	283	284	285	286	287	288	0.00097	-0.00156	-0.0918	-0.00534	-0.00166	0
49	2	4	7	5.4	289	290	291	292	293	294	0.00095	-0.00154	-0.18869	0.00109	0.00015	0
50	2	4	3.4	5.4	295	296	297	298	299	300	0.00097	-0.00154	-0.13245	0.00206	0.00192	0
51	2	4	10.6	5.4	301	302	303	304	305	306	0.00094	-0.00154	-0.14269	0.00041	-0.00002	0
52	2	4	13.6	5.4	307	308	309	310	311	312	0.00093	-0.00154	-0.12349	0.00393	0.00008	0
53	2	4	0.4	5.4	313	314	315	316	317	318	0.00098	-0.00154	-0.10651	-0.00258	0.00178	0
54	2	0.15	13.6	5.4	319	320	321	322	323	324	0.00093	-0.00156	-0.08704	0.00336	-0.00093	0
55	2	0.15	0.4	5.4	325	326	327	328	329	330	0.00098	-0.00156	-0.08594	-0.00242	0.00129	0
56	2	7.85	0.4	5.4	331	332	333	334	335	336	0.00098	-0.00153	-0.06763	-0.00197	0.0011	0
57	2	7.85	13.6	5.4	337	338	339	340	341	342	0.00093	-0.00153	-0.08688	0.0033	0.0013	0
58	1	7.85	9	2.7	343	344	345	346	347	348	0.0002	-0.00043	-0.02818	0.00026	0.00017	0.00001
59	1	7.85	5	2.7	349	350	351	352	353	354	0.00017	-0.00043	-0.02818	0.00026	0.00017	0.00001
60	1	0.15	9	2.7	355	356	357	358	359	360	0.0002	-0.00037	-0.02818	0.00028	0.00017	0.00001
61	1	0.15	5	2.7	361	362	363	364	365	366	0.00017	-0.00037	-0.02818	0.00028	0.00017	0.00001
62	2	7.5	7	5.4	367	368	369	370	371	372	0.00095	-0.00153	-0.08634	0.00142	0.00856	0
63	1	7.5	7	2.7	373	374	375	376	377	378	0.00018	-0.00042	-0.04964	0.00064	0.00732	0.00001
64	2	7.5	10.8	5.4	379	380	381	382	383	384	0.00094	-0.00153	-0.09231	0.00561	0.00292	0
65	1	7.5	10.8	2.7	385	386	387	388	389	390	0.00021	-0.00042	-0.05323	0.00193	0.00483	0.00001
66	2	7.5	3.2	5.4	391	392	393	394	395	396	0.00097	-0.00153	-0.07687	-0.00288	0.00255	0
67	1	7.5	3.2	2.7	397	398	399	400	401	402	0.00015	-0.00042	-0.04439	-0.00012	0.00395	0.00001
68	2	0.5	7	5.4	403	404	405	406	407	408	0.00095	-0.00156	-0.08724	0.00029	-0.00783	0
69	1	0.5	7	2.7	409	410	411	412	413	414	0.00018	-0.00037	-0.05012	0.00019	-0.00702	0.00001
70	2	0.5	10.8	5.4	415	416	417	418	419	420	0.00094	-0.00156	-0.09227	0.00565	-0.00242	0
71	1	0.5	10.8	2.7	421	422	423	424	425	426	0.00021	-0.00037	-0.05322	0.00194	-0.00453	0.00001
72	2	0.5	3.2	5.4	427	428	429	430	431	432	0.00097	-0.00156	-0.09158	-0.00534	-0.00166	0
73	1	0.5	3.2	2.7	433	434	435	436	437	438	0.00015	-0.00037	-0.05285	-0.00171	-0.00428	0.00001
74	1	4	7	2.7	439	440	441	442	443	444	0.00018	-0.0004	-0.10857	0.00061	0.00011	0.00001
75	2	4	3.5	5.4	445	446	447	448	449	450	0.00097	-0.00154	-0.13248	0.00206	0.00192	0
76	1	4	3.5	2.7	451	452	453	454	455	456	0.00016	-0.0004	-0.07667	0.0028	0.00157	0.00001
77	2	4	10.5	5.4	457	458	459	460	461	462	0.00094	-0.00154	-0.14246	0.00041	-0.00002	0
78	1	4	10.5	2.7	463	464	465	466	467	468	0.00021	-0.0004	-0.08241	-0.00127	0.00002	0.00001
79	2	4	13.5	5.4	469	470	471	472	473	474	0.00093	-0.00154	-0.12294	0.00393	0.00008	0
80	1	4	13.5	2.7	475	476	477	478	479	480	0.00023	-0.0004	-0.07071	-0.00049	0.00007	0.00001
81	2	4	0.5	5.4	481	482	483	484	485	486	0.00098	-0.00154	-0.10612	-0.00258	0.00178	0
82	1	4	0.5	2.7	487	488	489	490	491	492	0.00013	-0.0004	-0.06107	0.00087	0.0017	0.00001

DÜĞÜM NOKTASI DEPLASMANLARI**Yüklemeler 5 G DÜŞEY Deplasmanlar U ve Dönmeler R**

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
85	2	0.2	0.5	5.4	505	506	507	508	509	510	0.00098	-0.00156	-0.08553	-0.00242	0.00129	0
86	1	0.2	0.5	2.7	511	512	513	514	515	516	0.00013	-0.00037	-0.04926	0.00105	-0.00591	0.00001
87	2	7.8	0.5	5.4	517	518	519	520	521	522	0.00098	-0.00153	-0.06741	-0.00197	0.0011	0
88	1	7.8	0.5	2.7	523	524	525	526	527	528	0.00013	-0.00043	-0.03892	0.00086	0.00573	0.00001
89	2	7.8	13.5	5.4	529	530	531	532	533	534	0.00093	-0.00153	-0.08651	0.0033	0.0013	0
90	1	7.8	13.5	2.7	535	536	537	538	539	540	0.00023	-0.00043	-0.0498	-0.00055	0.00689	0.00001
91	1	0.15	5	0	0	0	0	0	0	0	0	0	0	0	0	0
92	1	0.15	9	0	0	0	0	0	0	0	0	0	0	0	0	0
93	1	7.85	5	0	0	0	0	0	0	0	0	0	0	0	0	0
94	1	7.85	9	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	7.8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
97	1	0.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
98	1	7.5	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0
99	1	0.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	7.5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
102	1	7.5	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0
103	1	0.2	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
104	1	7.8	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0
105	1	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
106	1	4	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0
107	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	4	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0
109	1	4	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0

Yüklemeler 6 Q DÜŞEY Deplasmanlar U ve Dönmeler R

Dn	Kat	X	Y	Z	G1	G2	G3	G4	G5	G6	U(x)	U(y)	U(z)	R(x)	R(y)	R(z)
1	4	7.85	9	10.8	1	2	3	4	5	6	0.00199	-0.002	-0.00525	0.00024	0.00026	-0.00007
2	3	7.85	9	8.1	7	8	9	10	11	12	0.00128	-0.00133	-0.00473	0.00023	0.00026	-0.00003
3	4	7.85	5	10.8	13	14	15	16	17	18	0.00227	-0.002	-0.00525	0.00024	0.00033	-0.00007
4	3	7.85	5	8.1	19	20	21	22	23	24	0.0014	-0.00133	-0.00473	0.00023	0.00031	-0.00003
5	4	0.15	9	10.8	25	26	27	28	29	30	0.00199	-0.00254	-0.00525	0.00035	0.00026	-0.00007
6	3	0.15	9	8.1	31	32	33	34	35	36	0.00128	-0.00158	-0.00473	0.00032	0.00026	-0.00003
7	4	0.15	5	10.8	37	38	39	40	41	42	0.00227	-0.00254	-0.00525	0.00035	0.00033	-0.00007
8	3	0.15	5	8.1	43	44	45	46	47	48	0.0014	-0.00158	-0.00473	0.00032	0.00031	-0.00003
9	4	7.6	7	10.8	49	50	51	52	53	54	0.00213	-0.00201	-0.02283	0.00143	0.0075	-0.00007
10	3	7.6	7	8.1	55	56	57	58	59	60	0.00134	-0.00134	-0.01975	0.0011	0.00407	-0.00003
11	4	7.6	10.85	10.8	61	62	63	64	65	66	0.00186	-0.00201	-0.02267	-0.00147	0.0058	-0.00007
12	3	7.6	10.85	8.1	67	68	69	70	71	72	0.00122	-0.00134	-0.01951	-0.00136	0.003	-0.00003
13	4	7.6	3.15	10.8	73	74	75	76	77	78	0.0024	-0.00201	-0.01082	0.00357	0.00507	-0.00007
14	3	7.6	3.15	8.1	79	80	81	82	83	84	0.00146	-0.00134	-0.00931	0.00295	0.00257	-0.00003
15	4	0.4	7	10.8	85	86	87	88	89	90	0.00213	-0.00253	-0.02364	0.00012	-0.00704	-0.00007
16	3	0.4	7	8.1	91	92	93	94	95	96	0.00134	-0.00157	-0.02044	0.00016	-0.00358	-0.00003
17	4	0.4	10.85	10.8	97	98	99	100	101	102	0.00186	-0.00253	-0.02265	-0.00134	-0.00552	-0.00007
18	3	0.4	10.85	8.1	103	104	105	106	107	108	0.00122	-0.00157	-0.01951	-0.0013	-0.00264	-0.00003
19	4	0.4	3.15	10.8	109	110	111	112	113	114	0.0024	-0.00253	-0.02219	0.00151	-0.00447	-0.00007
20	3	0.4	3.15	8.1	115	116	117	118	119	120	0.00146	-0.00157	-0.01912	0.00143	-0.00207	-0.00003
21	4	4	7	10.8	121	122	123	124	125	126	0.00213	-0.00227	-0.05157	0.00093	0.00015	-0.00007
22	3	4	7	8.1	127	128	129	130	131	132	0.00134	-0.00146	-0.04589	0.00076	0.00015	-0.00003
23	4	4	3.4	10.8	133	134	135	136	137	138	0.00239	-0.00227	-0.0348	0.00501	0.00222	-0.00007
24	3	4	3.4	8.1	139	140	141	142	143	144	0.00145	-0.00146	-0.02984	0.00345	0.00169	-0.00003
25	4	4	10.6	10.8	145	146	147	148	149	150	0.00187	-0.00227	-0.04303	-0.00282	-0.00004	-0.00007
26	3	4	10.6	8.1	151	152	153	154	155	156	0.00123	-0.00146	-0.0369	-0.002	-0.00003	-0.00003
27	4	4	13.6	10.8	157	158	159	160	161	162	0.00166	-0.00227	-0.02933	-0.00311	0.00002	-0.00007
28	3	4	13.6	8.1	163	164	165	166	167	168	0.00113	-0.00146	-0.02531	-0.00166	0.00004	-0.00003
29	4	4	0.4	10.8	169	170	171	172	173	174	0.0026	-0.00227	-0.0164	0.00365	0.00256	-0.00007
30	3	4	0.4	8.1	175	176	177	178	179	180	0.00154	-0.00146	-0.01417	0.00218	0.00197	-0.00003
31	4	0.15	13.6	10.8	181	182	183	184	185	186	0.00166	-0.00254	-0.01591	-0.00107	-0.00479	-0.00007
32	3	0.15	13.6	8.1	187	188	189	190	191	192	0.00113	-0.00158	-0.01379	-0.00046	-0.00314	-0.00003
33	4	0.15	0.4	10.8	193	194	195	196	197	198	0.0026	-0.00254	-0.01513	0.00158	-0.00232	-0.00007
34	3	0.15	0.4	8.1	199	200	201	202	203	204	0.00154	-0.00158	-0.0131	0.00102	-0.00144	-0.00003
35	4	7.85	0.4	10.8	205	206	207	208	209	210	0.0026	-0.002	-0.00145	0.00132	0.00323	-0.00007
36	3	7.85	0.4	8.1	211	212	213	214	215	216	0.00154	-0.00133	-0.00128	0.00079	0.00209	-0.00003
37	4	7.85	13.6	10.8	217	218	219	220	221	222	0.00166	-0.002	-0.01576	-0.00112	0.00494	-0.00007
38	3	7.85	13.6	8.1	223	224	225	226	227	228	0.00113	-0.00133	-0.01366	-0.00053	0.00335	-0.00003
39	2	7.85	9	5.4	229	230	231	232	233	234	0.00061	-0.00072	-0.0037	0.0002	0.00022	0
40	2	7.85	5	5.4	235	236	237	238	239	240	0.00062	-0.00072	-0.0037	0.0002	0.00025	0
41	2	0.15	9	5.4	241	242	243	244	245	246	0.00061	-0.00074	-0.0037	0.00025	0.00022	0
42	2	0.15	5	5.4	247	248	249	250	251	252	0.00062	-0.00074	-0.0037	0.00025	0.00025	0
43	2	7.6	7	5.4	253	254	255	256	257	258	0.00061	-0.00072	-0.01342	0.00059	0.00215	0
44	2	7.6	10.85	5.4	259	260	261	262	263	264	0.0006	-0.00072	-0.01314	0.00009	0.00127	0
45	2	7.6	3.15	5.4	265	266	267	268	269	270	0.00062	-0.00072	-0.00626	0.00136	0.00123	0
46	2	0.4	7	5.4	271	272	273	274	275	276	0.00061	-0.00074	-0.01388	0.00013	-0.00172	0

KAT DEPLASMANLARI

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Kat	dx	dy	q
3. KAT	0.018344	0	-0.000015
2. KAT	0.011373	0	-0.000008
1. KAT	0.005508	0	-0.000001
ZEMİN KAT	0.001582	0	0

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem

Kat	dx	dy	q
3. KAT	0.018344	0	0.000015
2. KAT	0.011373	0	0.000008
1. KAT	0.005508	0	0.000001
ZEMİN KAT	0.001582	0	0

Yükleme 3 (Y YÖNÜ + 0.05) E3 Deprem

Kat	dx	dy	q
3. KAT	0	0.001165	0.000009
2. KAT	0	0.000783	0.000005
1. KAT	0	0.000419	0.000001
ZEMİN KAT	0	0.000134	0

Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem

Kat	dx	dy	q
3. KAT	0	0.001165	-0.000009
2. KAT	0	0.000783	-0.000005
1. KAT	0	0.000419	-0.000001
ZEMİN KAT	0	0.000134	0

ELEMEN UÇ KUVVETLERİ

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K02		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K03		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K04		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K08		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K09		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K10		0	0	0	0	0.01	0.02	0	0	0	0	0.01	-0.02
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
K13		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
K14		0	0	0	0	0	0.06	0	0	0	0	0	-0.06
K15		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K18		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
P01		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
P02		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
P03		-1.2	-1.85	0	5	-3.24	0	1.2	1.85	0	0	0	0
P04		-1.2	-1.85	0	5	-3.24	0	1.2	1.85	0	0	0	0
S01		0.01	-0.36	0	0.92	0.01	-0.04	-0.01	0.36	0	0.05	0.03	0.04
S02		0	-0.35	0	0.91	0	-0.04	0	0.35	0	0.04	0	0.04
S03		-0.01	-0.36	0	0.92	-0.01	-0.04	0.01	0.36	0	0.05	-0.03	0.04
S04		-2.5	-0.08	0.04	0.1	-6.66	-0.04	2.5	0.08	-0.04	0.11	-0.1	0.04
S05		0	-0.35	0	0.92	0	-0.04	0	0.35	0	0.01	0	0.04
S06		-2.5	0.08	-0.04	-0.1	-6.66	-0.04	2.5	-0.08	0.04	-0.11	-0.1	0.04
S07		-2.46	-0.11	-0.01	0.14	-6.62	-0.04	2.46	0.11	0.01	0.15	-0.01	0.04
S08		0	-1.17	0	3.1	0	-0.04	0	1.17	0	0.06	0	0.04
S09		-2.45	0.11	0.01	-0.14	-6.62	-0.04	2.45	-0.11	-0.01	-0.15	-0.01	0.04
S10		-2.38	-0.08	-0.05	0.1	-6.54	-0.04	2.38	0.08	0.05	0.11	0.1	0.04
S11		0	-0.34	0	0.92	0	-0.04	0	0.34	0	0	0	0.04
S12		-2.38	0.08	0.05	-0.1	-6.54	-0.04	2.38	-0.08	-0.05	-0.11	0.1	0.04
S13		0.01	-0.32	0	0.88	0.01	-0.04	-0.01	0.32	0	-0.01	0.03	0.04
S14		-0.01	-0.31	0	0.87	-0.01	-0.04	0.01	0.31	0	-0.02	-0.01	0.04
S15		-0.01	-0.32	0	0.88	0	-0.04	0.01	0.32	0	-0.01	-0.02	0.04
K01	2. KAT	0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K02		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K03		0	0	0.01	0	0.01	0.02	0	0	-0.01	0	0.01	-0.02
K04		0	0	0.01	0	0.01	0.02	0	0	-0.01	0	0.01	-0.02
K05		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K06		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K07		0	0	0.01	0	0.01	0.02	0	0	-0.01	0	0.01	-0.02
K08		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K09		0	0	0	0	0.01	0.03	0	0	0	0	0.01	-0.03
K10		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K11		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K12		0	0	0	0	0	0.09	0	0	0	0	0	-0.09
K13		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K14		0	0	0	0	0	-0.04	0	0	0	0	0	0.04
K15		0	0	0	0	0	0.12	0	0	0	0	0	-0.12
K16		0	0	0	0	0	0.06	0	0	0	0	0	-0.06
K17		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K18		0	0	0	0	0	0.09	0	0	0	0	0	-0.09
P01		2.1	-1.49	0	9.03	8.91	0	-2.1	1.49	0	-5	-3.25	0
P02		2.1	-1.45	0	8.91	8.91	0	-2.1	1.45	0	-5	-3.25	0
P03		-2.1	-1.49	0	9.03	-8.91	0	2.1	1.49	0	-5	3.24	0
P04		-2.1	-1.45	0	8.91	-8.91	0	2.1	1.45	0	-5	3.24	0
S01		0.11	-0.87	-0.01	3.17	0.28	-0.03	-0.11	0.87	0.01	-0.82	0.02	0.03
S02		0	-0.86	0	3.16	0	-0.03	0	0.86	0	-0.83	0	0.03
S03		-0.11	-0.87	0.01	3.17	-0.28	-0.03	0.11	0.87	-0.01	-0.82	-0.02	0.03
S04		-5.45	-0.06	0.11	0.09	-21.28	-0.03	5.45	0.06	-0.11	0.08	6.57	0.03
S05		0	-0.82	0	3.06	0	-0.03	0	0.82	0	-0.85	0	0.03
S06		-5.45	0.06	-0.11	-0.09	-21.28	-0.03	5.45	-0.06	0.11	-0.08	6.57	0.03
S07		-5.32	-0.09	-0.01	0.12	-20.98	-0.03	5.32	0.09	0.01	0.11	6.61	0.03
S08		0	-1.14	0	6.3	0	-0.04	0	1.14	0	-3.23	0	0.04
S09		-5.32	0.09	0.01	-0.12	-20.98	-0.03	5.32	-0.09	-0.01	-0.11	6.61	0.03
S10		-5.18	-0.06	-0.13	0.09	-20.67	-0.03	5.18	0.06	0.13	0.08	6.69	0.03
S11		0	-0.79	0	2.97	0	-0.03	0	0.79	0	-0.85	0	0.03
S12		-5.18	0.06	0.13	-0.09	-20.67	-0.03	5.18	-0.06	-0.13	-0.08	6.69	0.03
S13		0.11	-0.8	-0.01	3.01	0.28	-0.03	-0.11	0.8	0.01	-0.86	0.03	0.03
S14		0	-0.79	0	2.97	0	-0.03	0	0.79	0	-0.85	0	0.03

ELEMEN UÇ KUVVETLERİ

Yüklem 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	1. KAT	0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K02		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K03		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K04		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	0.01	0	0	-0.01	0	0.01	-0.01
K08		0	0	0	0	0.01	0.01	0	0	0	0	0.01	-0.01
K09		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.05	0	0	0	0	0	-0.05
K14		0	0	0	0	0	0.38	0	0	0	0	0	-0.38
K15		0	0	0	0	0	-0.34	0	0	0	0	0	0.34
K16		0	0	0	0	0	-0.03	0	0	0	0	0	0.03
K17		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K18		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
P01		-1.9	0.15	0	8.62	3.77	0	1.9	-0.15	0	-9.03	-8.91	0
P02		-1.9	0.11	0	8.61	3.77	0	1.9	-0.11	0	-8.91	-8.91	0
P03		1.9	0.15	0	8.62	-3.77	0	-1.9	-0.15	0	-9.03	8.91	0
P04		1.9	0.11	0	8.61	-3.77	0	-1.9	-0.11	0	-8.91	8.91	0
S01		-0.05	-1.41	-0.01	6.96	0.13	-0.02	0.05	1.41	0.01	-3.14	-0.27	0.02
S02		0	-1.39	0	6.93	0	-0.02	0	1.39	0	-3.18	0	0.02
S03		0.05	-1.41	0.01	6.96	-0.13	-0.02	-0.05	1.41	-0.01	-3.14	0.27	0.02
S04		-8.09	-0.02	0.15	0.04	-43.05	-0.02	8.09	0.02	-0.15	0.01	21.21	0.02
S05		0	-1.3	0	6.88	0	-0.02	0	1.3	0	-3.36	0	0.02
S06		-8.09	0.02	-0.15	-0.04	-43.05	-0.02	8.09	-0.02	0.15	-0.01	21.21	0.02
S07		-8.14	-0.03	-0.02	0.05	-42.94	-0.02	8.14	0.03	0.02	0.04	20.97	0.02
S08		0	-0.17	0	6.01	0	-0.01	0	0.17	0	-5.56	0	0.01
S09		-8.14	0.03	0.02	-0.05	-42.94	-0.02	8.14	-0.03	-0.02	-0.04	20.97	0.02
S10		-8.16	-0.02	-0.18	0.04	-42.78	-0.02	8.16	0.02	0.18	0.01	20.73	0.02
S11		0	-1.32	0	6.84	0	-0.02	0	1.32	0	-3.28	0	0.02
S12		-8.17	0.02	0.17	-0.04	-42.78	-0.02	8.17	-0.02	-0.17	-0.01	20.73	0.02
S13		-0.05	-1.44	-0.01	6.88	0.13	-0.02	0.05	1.44	0.01	-3.01	-0.27	0.02
S14		0	-1.41	0	6.85	0	-0.02	0	1.41	0	-3.04	0	0.02
S15		0.05	-1.43	0.01	6.88	-0.13	-0.02	-0.05	1.43	-0.01	-3.01	0.27	0.02
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	0	0	0	0	0	0	0
K04		0	0	0	0	0	0	0	0	0	0	0	0
K05		0	0	0	0	0	0	0	0	0	0	0	0
K06		0	0	0	0	0	0	0	0	0	0	0	0
K07		0	0	0	0	0	0	0	0	0	0	0	0
K08		0	0	0	0	0	0	0	0	0	0	0	0
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K12		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K13		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K14		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K15		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K18		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
P01		-1.31	-2.53	0	15.46	0.24	0	1.31	2.53	0	-8.62	-3.77	0
P02		-1.31	-2.54	0	15.48	0.24	0	1.31	2.54	0	-8.61	-3.77	0
P03		1.31	-2.53	0	15.46	-0.24	0	-1.31	2.53	0	-8.62	3.77	0
P04		1.31	-2.54	0	15.48	-0.24	0	-1.31	2.54	0	-8.61	3.77	0
S01		-0.09	-1.27	-0.02	10.32	-0.1	0	0.09	1.27	0.02	-6.88	-0.13	0
S02		0	-1.26	0	10.3	0	0	0	1.26	0	-6.91	0	0
S03		0.09	-1.27	0.02	10.32	0.1	0	-0.09	1.27	-0.02	-6.88	0.13	0
S04		-7.32	0.02	0.15	-0.02	-62.86	0	7.32	-0.02	-0.15	-0.03	43.11	0
S05		0	-1.32	0	10.36	0	0	0	1.32	0	-6.81	0	0
S06		-7.32	-0.02	-0.15	0.02	-62.86	0	7.32	0.02	0.15	0.03	43.11	0
S07		-7.42	0.02	-0.02	-0.02	-62.98	0	7.42	-0.02	0.02	-0.03	42.94	0
S08		0	-1.55	0	10.33	0	0	0	1.55	0	-6.15	0	0
S09		-7.42	-0.02	0.02	0.02	-62.98	0	7.42	0.02	-0.02	0.03	42.94	0
S10		-7.49	0.02	-0.18	-0.02	-63.08	0	7.49	-0.02	0.18	-0.03	42.85	0
S11		0	-1.35	0	10.4	0	0	0	1.35	0	-6.76	0	0
S12		-7.5	-0.02	0.18	0.02	-63.08	0	7.5	0.02	-0.18	0.03	42.84	0
S13		-0.09	-1.33	-0.02	10.39	-0.1	0	0.09	1.33	0.02	-6.81	-0.13	0
S14		0	-1.31	0	10.38	0	0	0	1.31	0	-6.83	0	0
S15		0.09	-1.32	0.01	10.38	0.1	0	-0.09	1.32	-0.01	-6.81	0.13	0

ELEMAN UÇ KUVVETLERİ

Yüklemeye 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K02		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K03		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K04		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K08		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K09		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K10		0	0	0	0	0.01	-0.02	0	0	0	0	0.01	0.02
K11		0	0	0	0	0	-0.04	0	0	0	0	0	0.04
K12		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K13		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K14		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K15		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K16		0	0	0	0	0	-0.04	0	0	0	0	0	0.04
K17		0	0	0	0	0	-0.03	0	0	0	0	0	0.03
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		-1.21	-1.85	0	5	-3.25	0	1.21	1.85	0	0	0	0
P02		-1.21	-1.85	0	5	-3.25	0	1.21	1.85	0	0	0	0
P03		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
P04		1.2	-1.85	0	5	3.25	0	-1.2	1.85	0	0	0	0
S01		-0.02	-0.32	0	0.88	-0.01	0.04	0.02	0.32	0	-0.01	-0.03	-0.04
S02		0	-0.31	0	0.87	0	0.04	0	0.31	0	-0.03	0	-0.04
S03		0.02	-0.32	0	0.88	0.01	0.04	-0.02	0.32	0	-0.01	0.03	-0.04
S04		-2.38	0.08	-0.05	-0.1	-6.54	0.04	2.38	-0.08	0.05	-0.11	0.1	-0.04
S05		0	-0.34	0	0.93	0	0.04	0	0.34	0	0	0	-0.04
S06		-2.38	-0.08	0.05	0.1	-6.54	0.04	2.38	0.08	-0.05	0.11	0.1	-0.04
S07		-2.46	0.11	-0.01	-0.14	-6.62	0.04	2.46	-0.11	0.01	-0.15	-0.01	-0.04
S08		0	-1.17	0	3.1	0	0.04	0	1.17	0	0.06	0	-0.04
S09		-2.46	-0.11	0.01	0.14	-6.62	0.04	2.46	0.11	-0.01	0.15	-0.01	-0.04
S10		-2.5	0.08	0.04	-0.1	-6.66	0.04	2.5	-0.08	-0.04	-0.11	-0.1	-0.04
S11		0	-0.35	0	0.93	0	0.04	0	0.35	0	0.02	0	-0.04
S12		-2.51	-0.08	-0.04	0.1	-6.66	0.04	2.51	0.08	0.04	0.11	-0.11	-0.04
S13		-0.01	-0.36	0	0.92	-0.01	0.04	0.01	0.36	0	0.05	-0.03	-0.04
S14		0.01	-0.35	0	0.9	0.01	0.04	-0.01	0.35	0	0.03	0.01	-0.04
S15		0.01	-0.35	0	0.9	0	0.04	-0.01	0.35	0	0.04	0.02	-0.04
K01	2. KAT	0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K02		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K03		0	0	0.01	0	0.01	-0.02	0	0	-0.01	0	0.01	0.02
K04		0	0	0.01	0	0.01	-0.02	0	0	-0.01	0	0.01	0.02
K05		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K06		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K07		0	0	0.01	0	0.01	-0.02	0	0	-0.01	0	0.01	0.02
K08		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K09		0	0	0	0	0.01	-0.03	0	0	0	0	0.01	0.03
K10		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K11		0	0	0	0	0	-0.09	0	0	0	0	0	0.09
K12		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K13		0	0	0	0	0	-0.05	0	0	0	0	0	0.05
K14		0	0	0	0	0	-0.12	0	0	0	0	0	0.12
K15		0	0	0	0	0	0.04	0	0	0	0	0	-0.04
K16		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K17		0	0	0	0	0	-0.07	0	0	0	0	0	0.07
K18		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
P01		-2.1	-1.45	0	8.91	-8.92	0	2.1	1.45	0	-5	3.25	0
P02		-2.1	-1.49	0	9.03	-8.92	0	2.1	1.49	0	-5	3.25	0
P03		2.1	-1.45	0	8.91	8.92	0	-2.1	1.45	0	-5	-3.25	0
P04		2.1	-1.49	0	9.03	8.92	0	-2.1	1.49	0	-5	-3.25	0
S01		-0.11	-0.8	-0.01	3.01	-0.28	0.03	0.11	0.8	0.01	-0.86	-0.03	-0.03
S02		0	-0.79	0	3	0	0.03	0	0.79	0	-0.87	0	-0.03
S03		0.11	-0.8	0.01	3.01	0.28	0.03	-0.11	0.8	-0.01	-0.86	0.03	-0.03
S04		-5.18	0.06	-0.13	-0.09	-20.67	0.03	5.18	-0.06	0.13	-0.08	6.69	-0.03
S05		0	-0.79	0	2.98	0	0.03	0	0.79	0	-0.85	0	-0.03
S06		-5.18	-0.06	0.13	0.09	-20.67	0.03	5.18	0.06	-0.13	0.08	6.69	-0.03
S07		-5.32	0.09	-0.01	-0.12	-20.98	0.03	5.32	-0.09	0.01	-0.11	6.61	-0.03
S08		0	-1.14	0	6.3	0	0.04	0	1.14	0	-3.23	0	-0.04
S09		-5.32	-0.09	0.02	0.12	-20.98	0.03	5.32	0.09	-0.02	0.11	6.61	-0.03
S10		-5.45	0.06	0.11	-0.09	-21.28	0.03	5.45	-0.06	-0.11	-0.08	6.57	-0.03
S11		0	-0.82	0	3.06	0	0.03	0	0.82	0	-0.84	0	-0.03
S12		-5.45	-0.06	-0.11	0.09	-21.28	0.03	5.45	0.06	0.11	0.08	6.57	-0.03
S13		-0.11	-0.87	-0.01	3.17	-0.28	0.03	0.11	0.87	0.01	-0.82	-0.02	-0.03
S14		0	-0.86	0	3.16	0	0.03	0	0.86	0	-0.84	0	-0.03
S15		0.01	-0.87	0.01	3.17	0.28	0.03	-0.01	0.87	-0.01	-0.82	-0.02	-0.03

ELEMAN UÇ KUVVETLERİ**Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K02		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K03		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K04		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K05		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K06		0	0	0.01	0	0.01	0	0	0	-0.01	0	0.01	0
K07		0	0	0.01	0	0.01	-0.01	0	0	-0.01	0	0.01	0.01
K08		0	0	0	0	0.01	-0.01	0	0	0	0	0.01	0.01
K09		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K12		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K13		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K14		0	0	0	0	0	0.34	0	0	0	0	0	-0.34
K15		0	0	0	0	0	-0.38	0	0	0	0	0	0.38
K16		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K17		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K18		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
P01		1.91	0.11	0	8.61	-3.78	0	-1.91	-0.11	0	-8.91	8.92	0
P02		1.91	0.15	0	8.62	-3.78	0	-1.91	-0.15	0	-9.03	8.92	0
P03		-1.91	0.11	0	8.61	3.78	0	1.91	-0.11	0	-8.91	-8.92	0
P04		-1.91	0.15	0	8.62	3.78	0	1.91	-0.15	0	-9.03	-8.92	0
S01		0.05	-1.44	-0.01	6.88	-0.13	0.02	-0.05	1.44	0.01	-3.01	0.27	-0.02
S02		0	-1.41	0	6.85	0	0.02	0	1.41	0	-3.05	0	-0.02
S03		-0.05	-1.44	0.01	6.88	0.13	0.02	0.05	1.44	-0.01	-3.01	-0.27	-0.02
S04		-8.16	0.02	-0.18	-0.04	-42.78	0.02	8.16	-0.02	0.18	-0.01	20.73	-0.02
S05		0	-1.32	0	6.84	0	0.02	0	1.32	0	-3.27	0	-0.02
S06		-8.16	-0.02	0.18	0.04	-42.78	0.02	8.16	0.02	-0.18	0.01	20.73	-0.02
S07		-8.14	0.03	-0.02	-0.05	-42.94	0.02	8.14	-0.03	0.02	-0.04	20.97	-0.02
S08		0	-0.17	0	6.01	0	0.01	0	0.17	0	-5.56	0	-0.01
S09		-8.14	-0.03	0.02	0.05	-42.94	0.02	8.14	0.03	-0.02	0.04	20.97	-0.02
S10		-8.09	0.02	0.15	-0.04	-43.05	0.02	8.09	-0.02	-0.15	-0.01	21.21	-0.02
S11		0	-1.3	0	6.88	0	0.02	0	1.3	0	-3.36	0	-0.02
S12		-8.09	-0.02	-0.15	0.04	-43.05	0.02	8.09	0.02	0.15	0	21.21	-0.02
S13		0.05	-1.41	-0.01	6.96	-0.13	0.02	-0.05	1.41	0.01	-3.14	0.27	-0.02
S14		0	-1.39	0	6.93	0	0.02	0	1.39	0	-3.18	0	-0.02
S15		-0.05	-1.41	0.01	6.96	0.13	0.02	0.05	1.41	-0.01	-3.15	-0.27	-0.02
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	0	0	0	0	0	0	0
K04		0	0	0	0	0	0	0	0	0	0	0	0
K05		0	0	0	0	0	0	0	0	0	0	0	0
K06		0	0	0	0	0	0	0	0	0	0	0	0
K07		0	0	0	0	0	0	0	0	0	0	0	0
K08		0	0	0	0	0	0	0	0	0	0	0	0
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K12		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K13		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K14		0	0	0	0	0	-0.08	0	0	0	0	0	0.08
K15		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K16		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K17		0	0	0	0	0	-0.06	0	0	0	0	0	0.06
K18		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
P01		1.31	-2.54	0	15.48	-0.24	0	-1.31	2.54	0	-8.61	3.78	0
P02		1.31	-2.53	0	15.46	-0.24	0	-1.31	2.53	0	-8.62	3.78	0
P03		-1.31	-2.54	0	15.48	0.24	0	1.31	2.54	0	-8.61	-3.78	0
P04		-1.31	-2.53	0	15.46	0.24	0	1.31	2.53	0	-8.62	-3.78	0
S01		0.09	-1.33	-0.02	10.39	0.1	0	-0.09	1.33	0.02	-6.81	0.13	0
S02		0	-1.31	0	10.38	0	0	0	1.31	0	-6.83	0	0
S03		-0.09	-1.33	0.02	10.39	-0.1	0	0.09	1.33	-0.02	-6.81	-0.13	0
S04		-7.49	-0.02	-0.18	0.02	-63.08	0	7.49	0.02	0.18	0.03	42.85	0
S05		0	-1.35	0	10.4	0	0	0	1.35	0	-6.77	0	0
S06		-7.49	0.02	0.18	-0.02	-63.08	0	7.49	-0.02	-0.18	-0.03	42.85	0
S07		-7.42	-0.02	-0.02	0.02	-62.98	0	7.42	0.02	0.02	0.03	42.94	0
S08		0	-1.55	0	10.33	0	0	0	1.55	0	-6.15	0	0
S09		-7.42	0.02	0.02	-0.02	-62.98	0	7.42	-0.02	-0.02	-0.03	42.94	0
S10		-7.32	-0.02	0.15	0.02	-62.86	0	7.32	0.02	-0.15	0.03	43.11	0
S11		0	-1.32	0	10.36	0	0	0	1.32	0	-6.8	0	0
S12		-7.32	0.02	-0.15	-0.02	-62.87	0	7.32	-0.02	0.15	-0.03	43.1	0
S13		0.09	-1.27	-0.02	10.32	0.1	0	-0.09	1.27	0.02	-6.88	0.13	0
S14		0	-1.26	0	10.3	0	0	0	1.26	0	-6.91	0	0
S15		-0.09	-1.27	0.01	10.31	-0.1	0	0.09	1.27	-0.01	-6.89	-0.13	0

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem

ELEMAN UÇ KUVVETLERİ**Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K02		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K03		0	0	0	0	0	-0.31	0	0	0	0	0	0.31
K04		0	0	0	0	0	0.3	0	0	0	0	0	-0.3
K05		0	0	0	0	0	-0.4	0	0	0	0	0	0.4
K06		0	0	0	0	0	0.39	0	0	0	0	0	-0.39
K07		0	0	0	0	0	-0.32	0	0	0	0	0	0.32
K08		0	0	0	0	0	0.24	0	0	0	0	0	-0.24
K09		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K12		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K13		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K14		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K15		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K16		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K17		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		4.56	0	0	0	12.32	0	-4.56	0	0	0	0	0
P02		4.56	0	0	0	12.32	0	-4.56	0	0	0	0	0
P03		5.93	0	0	0	16.01	0	-5.93	0	0	0	0	0
P04		5.93	0	0	0	16.01	0	-5.93	0	0	0	0	0
S01		0	0.01	0	-0.01	0.01	0.02	0	-0.01	0	-0.01	-0.02	-0.02
S02		0.01	0.01	0	-0.01	0.02	0.02	-0.01	-0.01	0	-0.02	0	-0.02
S03		0.01	0.01	0	-0.01	0.02	0.02	-0.01	-0.01	0	-0.02	0.02	-0.02
S04		-0.06	-0.76	0.61	0.98	-0.07	0.02	0.06	0.76	-0.61	1.07	-0.08	-0.02
S05		0.37	0	0	0	0.38	0.02	-0.37	0	0	0	0.62	-0.02
S06		0.12	-0.85	0.67	1.09	0.14	0.02	-0.12	0.85	-0.67	1.19	0.19	-0.02
S07		0	-1.14	0	1.51	0	0.02	0	1.14	0	1.58	0	-0.02
S08		0.49	0	0	0	0.54	0.02	-0.49	0	0	0	0.79	-0.02
S09		0	-1.26	-0.01	1.67	0	0.02	0	1.26	0.01	1.74	0	-0.02
S10		0.06	-0.76	-0.62	0.98	0.07	0.02	-0.06	0.76	0.62	1.06	0.08	-0.02
S11		0.33	0	0	0	0.34	0.02	-0.33	0	0	0	0.56	-0.02
S12		-0.12	-0.86	-0.65	1.11	-0.14	0.02	0.12	0.86	0.65	1.21	-0.19	-0.02
S13		0	-0.01	0	0.01	0.01	0.02	0	0.01	0	0.01	-0.02	-0.02
S14		0.01	-0.01	0	0.01	0.02	0.02	-0.01	0.01	0	0.02	0.01	-0.02
S15		0.01	-0.01	0	0.01	0.02	0.02	-0.01	0.01	0	0.02	0.01	-0.02
K01	2. KAT	0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K02		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K03		0	0	0	0	0	-0.27	0	0	0	0	0	0.27
K04		0	0	0	0	0	0.25	0	0	0	0	0	-0.25
K05		0	0	0	0	0	-0.41	0	0	0	0	0	0.41
K06		0	0	0	0	0	0.4	0	0	0	0	0	-0.4
K07		0	0	0	0	0	-0.27	0	0	0	0	0	0.27
K08		0	0	0	0	0	0.2	0	0	0	0	0	-0.2
K09		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K12		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K13		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K14		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K15		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K16		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K17		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		9.2	0.01	0	-0.04	37.15	0	-9.2	-0.01	0	0	-12.32	0
P02		9.2	-0.01	0	0.04	37.15	0	-9.2	0.01	0	0	-12.32	0
P03		11.58	0.01	0	-0.04	47.28	0	-11.58	-0.01	0	0	-16.01	0
P04		11.58	-0.01	0	0.04	47.28	0	-11.58	0.01	0	0	-16.01	0
S01		0.21	0.02	0	-0.04	0.6	0.02	-0.21	-0.02	0	-0.01	-0.03	-0.02
S02		0.28	0.02	0	-0.05	0.76	0.02	-0.28	-0.02	0	-0.01	-0.02	-0.02
S03		0.34	0.02	0	-0.05	0.92	0.02	-0.34	-0.02	0	-0.01	0	-0.02
S04		-0.03	-0.58	1.56	0.78	0.01	0.02	0.03	0.58	-1.56	0.8	-0.09	-0.02
S05		0.38	0.01	0	-0.02	0.89	0.02	-0.38	-0.01	0	0	0.14	-0.02
S06		0.18	-0.65	1.7	0.88	0.34	0.02	-0.18	0.65	-1.7	0.88	0.16	-0.02
S07		0	-0.96	0	1.27	0	0.02	0	0.96	0	1.31	0	-0.02
S08		0.3	0	0	0	0.54	0.02	-0.3	0	0	0	0.27	-0.02
S09		0	-1.05	-0.02	1.4	0	0.02	0	1.05	0.02	1.44	0	-0.02
S10		0.03	-0.58	-1.57	0.78	-0.01	0.02	-0.03	0.58	1.57	0.8	0.09	-0.02
S11		0.37	-0.01	0	0.02	0.88	0.02	-0.37	0.01	0	0	0.13	-0.02
S12		-0.18	-0.66	-1.68	0.89	-0.34	0.02	0.18	0.66	1.68	0.9	-0.16	-0.02
S13		0.21	-0.02	0	0.04	0.6	0.02	-0.21	0.02	0	0.01	-0.03	-0.02
S14		0.28	-0.02	0	0.05	0.76	0.02	-0.28	0.02	0	0.01	-0.01	-0.02
S15		0.34	-0.02	0	0.05	0.92	0.02	-0.34	0.02	0	0.01	0	-0.02
K01	1. KAT	0	0	0	0	0	-0.01	0	0	0	0	0	0.01

ELEMAN UÇ KUVVETLERİ**Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K04		0	0	0	0	0	0.17	0	0	0	0	0	-0.17
K05		0	0	0	0	0	-0.31	0	0	0	0	0	0.31
K06		0	0	0	0	0	0.3	0	0	0	0	0	-0.3
K07		0	0	0	0	0	-0.18	0	0	0	0	0	0.18
K08		0	0	0	0	0	0.13	0	0	0	0	0	-0.13
K09		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K10		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K11		0	0	0	0	0	0	0	0	0	0	0	0
K12		0	0	0	0	0	0	0	0	0	0	0	0
K13		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K14		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K15		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K16		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K17		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K18		0	0	0	0	0	-0.02	0	0	0	0	0	0.02
P01		13.64	-0.01	0	0	73.97	0	-13.64	0.01	0	0.04	-37.15	0
P02		13.64	0.01	0	0	73.97	0	-13.64	-0.01	0	-0.04	-37.15	0
P03		11.47	-0.01	0	0	78.26	0	-11.47	0.01	0	0.04	-47.28	0
P04		11.47	0.01	0	0	78.26	0	-11.47	-0.01	0	-0.04	-47.28	0
S01		0.63	-0.01	0	-0.02	2.3	0.01	-0.63	0.01	0	0.05	-0.61	-0.01
S02		0.6	-0.01	0	-0.02	2.37	0.01	-0.6	0.01	0	0.04	-0.76	-0.01
S03		0.57	0	0	-0.03	2.44	0.01	-0.57	0	0	0.03	-0.91	-0.01
S04		-0.25	-1.12	2.75	1.61	-0.16	0.01	0.25	1.12	-2.75	1.4	-0.52	-0.01
S05		0.72	0	0	-0.01	2.5	0.01	-0.72	0	0	0.02	-0.55	-0.01
S06		0.21	-1.13	2.94	1.66	0.31	0.01	-0.21	1.13	-2.94	1.4	0.25	-0.01
S07		0	-1.92	0	2.61	0	0.01	0	1.92	0	2.58	0	-0.01
S08		0.23	0	0	0	0.55	0	-0.23	0	0	0	0.07	0
S09		0	-1.96	-0.03	2.67	0	0.01	0	1.96	0.03	2.62	0	-0.01
S10		0.25	-1.12	-2.75	1.61	0.16	0.01	-0.25	1.12	2.75	1.4	0.52	-0.01
S11		0.71	0	0	0.01	2.49	0.01	-0.71	0	0	-0.02	-0.57	-0.01
S12		-0.21	-1.14	-2.91	1.67	-0.31	0.01	0.21	1.14	2.91	1.42	-0.25	-0.01
S13		0.63	0.01	0	0.02	2.3	0.01	-0.63	-0.01	0	-0.05	-0.61	-0.01
S14		0.6	0.01	0	0.02	2.37	0.01	-0.6	-0.01	0	-0.04	-0.76	-0.01
S15		0.57	0	0	0.02	2.44	0.01	-0.57	0	0	-0.03	-0.92	-0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K04		0	0	0	0	0	0.1	0	0	0	0	0	-0.1
K05		0	0	0	0	0	-0.17	0	0	0	0	0	0.17
K06		0	0	0	0	0	0.17	0	0	0	0	0	-0.17
K07		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K08		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	0	0	0	0	0	0	0
K12		0	0	0	0	0	0	0	0	0	0	0	0
K13		0	0	0	0	0	0	0	0	0	0	0	0
K14		0	0	0	0	0	0	0	0	0	0	0	0
K15		0	0	0	0	0	0	0	0	0	0	0	0
K16		0	0	0	0	0	0	0	0	0	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	0	0	0	0	0	0	0	0	0	0
P01		15.34	0	0	0.01	115.38	0	-15.34	0	0	0	-73.97	0
P02		15.33	0	0	-0.01	115.38	0	-15.33	0	0	0	-73.97	0
P03		13.85	0	0	0.01	115.66	0	-13.85	0	0	0	-78.26	0
P04		13.85	0	0	-0.01	115.66	0	-13.85	0	0	0	-78.26	0
S01		1.12	-0.02	0	0.02	5.32	0	-1.12	0.02	0	0.02	-2.3	0
S02		1.07	-0.02	0	0.02	5.26	0	-1.07	0.02	0	0.02	-2.37	0
S03		1.02	-0.02	0	0.02	5.21	0	-1.02	0.02	0	0.02	-2.44	0
S04		-0.11	-0.6	3.79	1.24	-0.1	0	0.11	0.6	-3.79	0.37	-0.19	0
S05		1.1	-0.01	0	0.01	5.29	0	-1.1	0.01	0	0.01	-2.31	0
S06		0.01	-0.58	3.98	1.22	-0.02	0	-0.01	0.58	-3.98	0.34	0.04	0
S07		0	-0.9	0	1.51	0	0	0	0.9	0	0.93	0	0
S08		0.27	0	0	0	0.93	0	-0.27	0	0	0	-0.21	0
S09		0	-0.88	-0.03	1.48	0	0	0	0.88	0.03	0.9	0	0
S10		0.11	-0.6	-3.79	1.24	0.1	0	-0.11	0.6	3.79	0.37	0.19	0
S11		1.1	0.01	0	-0.01	5.29	0	-1.1	-0.01	0	-0.01	-2.31	0
S12		-0.01	-0.58	-3.95	1.22	0.02	0	0.01	0.58	3.95	0.34	-0.04	0
S13		1.12	0.02	0	-0.02	5.32	0	-1.12	-0.02	0	-0.02	-2.3	0
S14		1.07	0.02	0	-0.02	5.26	0	-1.07	-0.02	0	-0.02	-2.37	0
S15		1.02	0.02	0	-0.02	5.21	0	-1.02	-0.02	0	-0.02	-2.44	0

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

ELEMAN UÇ KUVVETLERİ

Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K03		0	0	0	0	0	-0.3	0	0	0	0	0	0.3
K04		0	0	0	0	0	0.31	0	0	0	0	0	-0.31
K05		0	0	0	0	0	-0.39	0	0	0	0	0	0.39
K06		0	0	0	0	0	0.39	0	0	0	0	0	-0.39
K07		0	0	0	0	0	-0.3	0	0	0	0	0	0.3
K08		0	0	0	0	0	0.25	0	0	0	0	0	-0.25
K09		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K14		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K15		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K18		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
P01		5.93	0	0	0	16.02	0	-5.93	0	0	0	0	0
P02		5.93	0	0	0	16.02	0	-5.93	0	0	0	0	0
P03		4.56	0	0	0	12.31	0	-4.56	0	0	0	0	0
P04		4.56	0	0	0	12.31	0	-4.56	0	0	0	0	0
S01		0.01	-0.01	0	0.01	0.02	-0.02	-0.01	0.01	0	0.02	0.02	0.02
S02		0.01	-0.01	0	0.01	0.02	-0.02	-0.01	0.01	0	0.02	0	0.02
S03		0	-0.01	0	0.01	0.01	-0.02	0	0.01	0	0.01	-0.02	0.02
S04		-0.12	-0.85	0.66	1.09	-0.14	-0.02	0.12	0.85	-0.66	1.19	-0.19	0.02
S05		0.37	0	0	0	0.38	-0.02	-0.37	0	0	0	0.62	0.02
S06		0.06	-0.76	0.62	0.98	0.07	-0.02	-0.06	0.76	-0.62	1.07	0.08	0.02
S07		0	-1.27	0	1.67	0	-0.02	0	1.27	0	1.75	0	0.02
S08		0.49	0	0	0	0.54	-0.02	-0.49	0	0	0	0.79	0.02
S09		0	-1.14	-0.02	1.51	0	-0.02	0	1.14	0.02	1.58	0	0.02
S10		0.12	-0.84	-0.66	1.09	0.14	-0.02	-0.12	0.84	0.66	1.19	0.19	0.02
S11		0.33	0	0	0	0.34	-0.02	-0.33	0	0	0	0.56	0.02
S12		-0.05	-0.77	-0.6	1	-0.07	-0.02	0.05	0.77	0.6	1.09	-0.07	0.02
S13		0.01	0.01	0	-0.01	0.02	-0.02	-0.01	-0.01	0	-0.02	0.02	0.02
S14		0	0.01	0	-0.01	0.01	-0.02	0	-0.01	0	-0.02	0	0.02
S15		0	0.01	0	0	0.02	-0.02	0	-0.01	0	-0.01	-0.01	0.02
K01	2. KAT	0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K02		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K03		0	0	0	0	0	-0.25	0	0	0	0	0	0.25
K04		0	0	0	0	0	0.27	0	0	0	0	0	-0.27
K05		0	0	0	0	0	-0.4	0	0	0	0	0	0.4
K06		0	0	0	0	0	0.41	0	0	0	0	0	-0.41
K07		0	0	0	0	0	-0.25	0	0	0	0	0	0.25
K08		0	0	0	0	0	0.21	0	0	0	0	0	-0.21
K09		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K14		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K15		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K16		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K17		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K18		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
P01		11.58	-0.01	0	0.04	47.3	0	-11.58	0.01	0	0	-16.02	0
P02		11.59	0.01	0	-0.04	47.3	0	-11.59	-0.01	0	0	-16.02	0
P03		9.19	-0.01	0	0.04	37.13	0	-9.19	0.01	0	0	-12.31	0
P04		9.19	0.01	0	-0.04	37.13	0	-9.19	-0.01	0	0	-12.31	0
S01		0.34	-0.02	0	0.05	0.92	-0.02	-0.34	0.02	0	0.01	0	0.02
S02		0.28	-0.02	0	0.05	0.76	-0.02	-0.28	0.02	0	0.01	-0.02	0.02
S03		0.21	-0.02	0	0.04	0.6	-0.02	-0.21	0.02	0	0.01	-0.03	0.02
S04		-0.18	-0.65	1.7	0.88	-0.34	-0.02	0.18	0.65	-1.7	0.88	-0.16	0.02
S05		0.38	-0.01	0	0.02	0.89	-0.02	-0.38	0.01	0	0	0.14	0.02
S06		0.03	-0.58	1.57	0.78	-0.01	-0.02	-0.03	0.58	-1.57	0.8	0.09	0.02
S07		0	-1.05	0	1.4	0	-0.02	0	1.05	0	1.45	0	0.02
S08		0.3	0	0	0	0.54	-0.02	-0.3	0	0	0	0.27	0.02
S09		0	-0.96	-0.02	1.27	0	-0.02	0	0.96	0.02	1.31	0	0.02
S10		0.18	-0.65	-1.7	0.88	0.34	-0.02	-0.18	0.65	1.7	0.88	0.16	0.02
S11		0.37	0.01	0	-0.02	0.88	-0.02	-0.37	-0.01	0	0	0.13	0.02
S12		-0.03	-0.59	-1.54	0.79	0.01	-0.02	0.03	0.59	1.54	0.81	-0.09	0.02
S13		0.34	0.02	0	-0.05	0.92	-0.02	-0.34	-0.02	0	-0.01	0	0.02
S14		0.28	0.02	0	-0.05	0.76	-0.02	-0.28	-0.02	0	-0.01	-0.02	0.02
S15		0.21	0.02	0	-0.04	0.6	-0.02	-0.21	-0.02	0	-0.01	-0.03	0.02
K01	1. KAT	0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K02		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K03		0	0	0	0	0	-0.17	0	0	0	0	0	0.17

ELEMEN UÇ KUVVETLERİ

Yüklemeler 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K06		0	0	0	0	0	0.31	0	0	0	0	0	-0.31
K07		0	0	0	0	0	-0.17	0	0	0	0	0	0.17
K08		0	0	0	0	0	0.14	0	0	0	0	0	-0.14
K09		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K10		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K11		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K12		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K13		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K14		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K15		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K16		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	0	0	0	0	0	0	0	0	0	0
P01		11.47	0.01	0	0	78.27	0	-11.47	-0.01	0	-0.04	-47.3	0
P02		11.47	-0.01	0	0	78.27	0	-11.47	0.01	0	0.04	-47.3	0
P03		13.64	0.01	0	0	73.97	0	-13.64	-0.01	0	-0.04	-37.13	0
P04		13.64	-0.01	0	0	73.97	0	-13.64	0.01	0	0.04	-37.13	0
S01		0.57	0	0	0.03	2.44	-0.01	-0.57	0	0	-0.03	-0.91	0.01
S02		0.6	0.01	0	0.02	2.37	-0.01	-0.6	-0.01	0	-0.04	-0.76	0.01
S03		0.63	0.01	0	0.02	2.3	-0.01	-0.63	-0.01	0	-0.05	-0.61	0.01
S04		-0.21	-1.13	2.93	1.66	-0.31	-0.01	0.21	1.13	-2.93	1.41	-0.25	0.01
S05		0.72	0	0	0.01	2.5	-0.01	-0.72	0	0	-0.02	-0.55	0.01
S06		0.25	-1.12	2.75	1.61	0.16	-0.01	-0.25	1.12	-2.75	1.4	0.52	0.01
S07		0	-1.96	0	2.67	0	-0.01	0	1.96	0	2.62	0	0.01
S08		0.23	0	0	0	0.55	0	-0.23	0	0	0	0.07	0
S09		0	-1.92	-0.03	2.61	0	-0.01	0	1.92	0.03	2.57	0	0.01
S10		0.21	-1.13	-2.94	1.66	0.31	-0.01	-0.21	1.13	2.94	1.4	0.25	0.01
S11		0.71	0	0	-0.01	2.49	-0.01	-0.71	0	0	0.02	-0.57	0.01
S12		-0.25	-1.13	-2.73	1.63	-0.16	-0.01	0.25	1.13	2.73	1.41	-0.52	0.01
S13		0.57	0	0	-0.03	2.44	-0.01	-0.57	0	0	0.03	-0.91	0.01
S14		0.6	-0.01	0	-0.02	2.37	-0.01	-0.6	0.01	0	0.04	-0.76	0.01
S15		0.63	-0.01	0	-0.02	2.3	-0.01	-0.63	0.01	0	0.04	-0.61	0.01
K01	ZEMİN KAT	0	0	0	0	0	0	0	0	0	0	0	0
K02		0	0	0	0	0	0	0	0	0	0	0	0
K03		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K04		0	0	0	0	0	0.1	0	0	0	0	0	-0.1
K05		0	0	0	0	0	-0.17	0	0	0	0	0	0.17
K06		0	0	0	0	0	0.17	0	0	0	0	0	-0.17
K07		0	0	0	0	0	-0.1	0	0	0	0	0	0.1
K08		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K09		0	0	0	0	0	0	0	0	0	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	0	0	0	0	0	0	0	0	0	0
K12		0	0	0	0	0	0	0	0	0	0	0	0
K13		0	0	0	0	0	0	0	0	0	0	0	0
K14		0	0	0	0	0	0	0	0	0	0	0	0
K15		0	0	0	0	0	0	0	0	0	0	0	0
K16		0	0	0	0	0	0	0	0	0	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	0	0	0	0	0	0	0	0	0	0
P01		13.85	0	0	-0.01	115.65	0	-13.85	0	0	0	-78.27	0
P02		13.84	0	0	0.01	115.65	0	-13.84	0	0	0	-78.27	0
P03		15.34	0	0	-0.01	115.38	0	-15.34	0	0	0	-73.97	0
P04		15.34	0	0	0.01	115.38	0	-15.34	0	0	0	-73.97	0
S01		1.02	0.02	0	-0.02	5.21	0	-1.02	-0.02	0	-0.02	-2.44	0
S02		1.07	0.02	0	-0.02	5.27	0	-1.07	-0.02	0	-0.02	-2.37	0
S03		1.12	0.02	0	-0.02	5.32	0	-1.12	-0.02	0	-0.02	-2.3	0
S04		-0.01	-0.58	3.98	1.22	0.02	0	0.01	0.58	-3.98	0.34	-0.04	0
S05		1.1	0.01	0	-0.01	5.29	0	-1.1	-0.01	0	-0.01	-2.31	0
S06		0.11	-0.6	3.79	1.24	0.1	0	-0.11	0.6	-3.79	0.37	0.19	0
S07		0	-0.88	0	1.48	0	0	0	0.88	0	0.9	0	0
S08		0.27	0	0	0	0.93	0	-0.27	0	0	0	-0.21	0
S09		0	-0.9	-0.03	1.51	0	0	0	0.9	0.03	0.93	0	0
S10		0.01	-0.58	-3.98	1.22	-0.02	0	-0.01	0.58	3.98	0.34	0.04	0
S11		1.1	-0.01	0	0.01	5.29	0	-1.1	0.01	0	0.01	-2.31	0
S12		-0.11	-0.6	-3.76	1.24	-0.1	0	0.11	0.6	3.76	0.37	-0.19	0
S13		1.02	-0.02	0	0.02	5.21	0	-1.02	0.02	0	0.02	-2.44	0
S14		1.07	-0.02	0	0.02	5.27	0	-1.07	0.02	0	0.02	-2.37	0
S15		1.12	-0.02	0	0.02	5.32	0	-1.12	0.02	0	0.02	-2.3	0

Yüklemeler 5 G DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	-2.04	0	0	-0.01	0	0	-2.04	0	0	0.01
K02		0	0	-2.04	0	0	0.01	0	0	-2.04	0	0	-0.01

ELEMEN UÇ KUVVETLERİ

Yüklemeye 5 G DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K05		0	0	-2.56	0	0	0	0	0	-2.32	0	0	0
K06		0	0	-2.32	0	0	-0.01	0	0	-2.56	0	0	0.01
K07		0	0	-2.57	0	0	-0.02	0	0	-2.31	0	0	0.02
K08		0	0	-1.78	0	0	-0.01	0	0	-1.91	0	0	0.01
K09		0	0	-2.04	0	0	0.01	0	0	-2.04	0	0	-0.01
K10		0	0	-1.38	0	0	-0.01	0	0	-1.38	0	0	0.01
K11		0	0	-1.29	0	0	-0.04	0	0	-1.2	0	0	0.04
K12		0	0	-1.2	0	0	0.04	0	0	-1.29	0	0	-0.04
K13		0	0	-1.29	0	0	0.01	0	0	-1.18	0	0	-0.01
K14		0	0	-2.56	0	0	0.02	0	0	-2.32	0	0	-0.02
K15		0	0	-2.32	0	0	0	0	0	-2.56	0	0	0
K16		0	0	-1.51	0	0	0	0	0	-1.73	0	0	0
K17		0	0	-0.85	0	0	0.02	0	0	-0.85	0	0	-0.02
K18		0	0	-1.2	0	0	-0.04	0	0	-1.29	0	0	0.04
P01		0.02	0	8.64	0.01	0.05	0	-0.02	0	-8.64	0	0	0
P02		0.02	0	8.64	0.01	0.05	0	-0.02	0	-8.64	0	0	0
P03		0.06	0	8.64	0.01	0.15	0	-0.06	0	-8.64	0	0	0
P04		0.06	0	8.64	0.01	0.15	0	-0.06	0	-8.64	0	0	0
S01		0.03	0.17	5.03	-0.2	0.08	0	-0.03	-0.17	-5.03	-0.25	0.01	0
S02		-0.13	0	7.59	0	-0.08	0	0.13	0	-7.59	0	-0.26	0
S03		0.03	-0.17	5.03	0.2	0.08	0	-0.03	0.17	-5.03	0.25	0.01	0
S04		0.48	0.09	5.55	-0.11	0.53	0	-0.48	-0.09	-5.55	-0.14	0.76	0
S05		-0.37	0	10.47	0	-0.32	0	0.37	0	-10.47	0	-0.69	0
S06		-0.48	0.08	5.56	-0.1	-0.55	0	0.48	-0.08	-5.56	-0.13	-0.75	0
S07		0.57	-0.01	4.39	0.01	0.62	0	-0.57	0.01	-4.39	0.01	0.91	0
S08		0	-0.01	11.07	0.01	0	0	0	0.01	-11.07	0.02	0	0
S09		-0.57	0.01	4.35	-0.02	-0.65	0	0.57	-0.01	-4.35	-0.02	-0.9	0
S10		0.47	-0.09	5.54	0.11	0.52	0	-0.47	0.09	-5.54	0.14	0.76	0
S11		0.23	-0.04	9.62	0.05	0.17	0	-0.23	0.04	-9.62	0.07	0.44	0
S12		-0.39	-0.04	4.48	0.05	-0.44	0	0.39	0.04	-4.48	0.07	-0.6	0
S13		-0.03	0.17	5.03	-0.2	-0.08	0	0.03	-0.17	-5.03	-0.25	-0.01	0
S14		0.15	-0.05	6.41	0.06	0.11	0	-0.15	0.05	-6.41	0.08	0.3	0
S15		-0.01	-0.12	3.85	0.15	-0.04	0	0.01	0.12	-3.85	0.19	0.01	0
K01	2. KAT	0	0	-2.04	0	0	0	0	0	-2.04	0	0	0
K02		0	0	-2.04	0	0	0	0	0	-2.04	0	0	0
K03		0	0	-2.57	0	0	0.02	0	0	-2.31	0	0	-0.02
K04		0	0	-2.31	0	0	-0.02	0	0	-2.57	0	0	0.02
K05		0	0	-2.56	0	0	0	0	0	-2.32	0	0	0
K06		0	0	-2.32	0	0	-0.01	0	0	-2.56	0	0	0.01
K07		0	0	-2.57	0	0	-0.03	0	0	-2.31	0	0	0.03
K08		0	0	-1.78	0	0	0.01	0	0	-1.91	0	0	-0.01
K09		0	0	-2.04	0	0	0	0	0	-2.04	0	0	0
K10		0	0	-1.38	0	0	0	0	0	-1.38	0	0	0
K11		0	0	-1.29	0	0	-0.03	0	0	-1.2	0	0	0.03
K12		0	0	-1.2	0	0	0.03	0	0	-1.29	0	0	-0.03
K13		0	0	-1.29	0	0	0	0	0	-1.18	0	0	0
K14		0	0	-2.56	0	0	0.01	0	0	-2.32	0	0	-0.01
K15		0	0	-2.32	0	0	0	0	0	-2.56	0	0	0
K16		0	0	-1.51	0	0	0	0	0	-1.73	0	0	0
K17		0	0	-0.85	0	0	0.01	0	0	-0.85	0	0	-0.01
K18		0	0	-1.2	0	0	-0.03	0	0	-1.29	0	0	0.03
P01		0.03	0	17.29	0	0.14	0	-0.03	0	-17.29	-0.01	-0.05	0
P02		0.03	0	17.29	0	0.14	0	-0.03	0	-17.29	-0.01	-0.05	0
P03		0.05	0	17.29	0	0.3	0	-0.05	0	-17.29	-0.01	-0.15	0
P04		0.05	0	17.29	0	0.3	0	-0.05	0	-17.29	-0.01	-0.15	0
S01		-0.13	0.01	10.06	0.03	-0.3	0	0.13	-0.01	-10.06	-0.07	-0.05	0
S02		-0.29	0	15.18	0	-0.57	0	0.29	0	-15.18	0	-0.21	0
S03		-0.13	-0.01	10.06	-0.03	-0.3	0	0.13	0.01	-10.06	0.06	-0.05	0
S04		0.04	0.11	11.06	-0.17	-0.09	0	-0.04	-0.11	-11.06	-0.12	0.21	0
S05		-0.47	0	20.94	0	-0.87	0	0.47	0	-20.94	0	-0.4	0
S06		-0.04	0.11	11.09	-0.17	0.08	0	0.04	-0.11	-11.09	-0.12	-0.18	0
S07		0.14	0	8.87	0.01	0.07	0	-0.14	0	-8.87	0.01	0.31	0
S08		0	0	22.13	0.01	0	0	0	0	-22.13	-0.01	0	0
S09		-0.14	0.01	8.77	-0.01	-0.1	0	0.14	-0.01	-8.77	-0.01	-0.29	0
S10		0.04	-0.11	11.05	0.17	-0.1	0	-0.04	0.11	-11.05	0.13	0.21	0
S11		0.37	-0.02	19.24	0.03	0.72	0	-0.37	0.02	-19.24	0.02	0.29	0
S12		-0.02	-0.07	8.93	0.11	0.08	0	0.02	0.07	-8.93	0.07	-0.13	0
S13		0.13	0.01	10.06	0.04	0.3	0	-0.13	-0.01	-10.06	-0.07	0.05	0
S14		0.26	-0.02	12.82	0.03	0.51	0	-0.26	0.02	-12.82	0.03	0.2	0
S15		0.11	-0.01	7.7	-0.03	0.25	0	-0.11	0.01	-7.7	0.04	0.05	0
K01	1. KAT	0	0	-1.96	0	0	-0.01	0	0	-1.95	0	0	0.01
K02		0	0	-1.95	0	0	0.01	0	0	-1.96	0	0	-0.01
K03		0	0	-2.41	0	0	0	0	0	-2.1	0	0	0
K04		0	0	-2.1	0	0	0	0	0	-2.41	0	0	0
K05		0	0	-2.37	0	0	0	0	0	-2.14	0	0	0

ELEMAN UÇ KUVVETLERİ**Yükleme 5 G DÜŞEY**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K08		0	0	-1.62	0	0	-0.01	0	0	-1.72	0	0	0.01
K09		0	0	-1.96	0	0	0.01	0	0	-1.95	0	0	-0.01
K10		0	0	-1.32	0	0	-0.01	0	0	-1.32	0	0	0.01
K11		0	0	-1.13	0	0	0.02	0	0	-1.08	0	0	-0.02
K12		0	0	-1.08	0	0	-0.02	0	0	-1.13	0	0	0.02
K13		0	0	-1.15	0	0	0	0	0	-1.08	0	0	0
K14		0	0	-2.37	0	0	0.01	0	0	-2.14	0	0	-0.01
K15		0	0	-2.14	0	0	0	0	0	-2.37	0	0	0
K16		0	0	-1.38	0	0	0	0	0	-1.53	0	0	0
K17		0	0	-0.78	0	0	-0.01	0	0	-0.77	0	0	0.01
K18		0	0	-1.08	0	0	0.02	0	0	-1.13	0	0	-0.02
P01		0.1	0	25.57	0	0.41	0	-0.1	0	-25.57	0	-0.14	0
P02		0.1	0	25.57	0	0.41	0	-0.1	0	-25.57	0	-0.14	0
P03		0.07	0	25.57	0	0.49	0	-0.07	0	-25.57	0	-0.3	0
P04		0.07	0	25.57	0	0.49	0	-0.07	0	-25.57	0	-0.3	0
S01		-0.34	-0.03	16.06	-0.08	-0.15	0	0.34	0.03	-16.06	0.15	-0.76	0
S02		-0.7	0	23.69	0	-0.47	0	0.7	0	-23.69	0	-1.4	0
S03		-0.34	0.03	16.06	0.08	-0.15	0	0.34	-0.03	-16.06	-0.15	-0.77	0
S04		0	0.26	17.66	-0.26	0.3	0	0	-0.26	-17.66	-0.45	-0.3	0
S05		-1.06	0	32	0	-0.78	0	1.06	0	-32	0	-2.08	0
S06		0.01	0.26	17.69	-0.25	-0.28	0	-0.01	-0.26	-17.69	-0.45	0.32	0
S07		0.22	-0.01	14.18	0.01	0.5	0	-0.22	0.01	-14.18	0.01	0.09	0
S08		0	0	32.48	0	0	0	0	0	-32.48	0	0	0
S09		-0.21	0.01	14.06	-0.01	-0.48	0	0.21	-0.01	-14.06	-0.01	-0.08	0
S10		0	-0.27	17.63	0.27	0.3	0	0	0.27	-17.63	0.46	-0.29	0
S11		0.87	-0.04	29.51	0.06	0.61	0	-0.87	0.04	-29.51	0.06	1.73	0
S12		0.05	-0.18	14.45	0.17	-0.18	0	-0.05	0.18	-14.45	0.31	0.32	0
S13		0.35	-0.03	16.06	-0.08	0.19	0	-0.35	0.03	-16.06	0.15	0.76	0
S14		0.65	-0.04	20.12	0.06	0.5	0	-0.65	0.04	-20.12	0.06	1.26	0
S15		0.29	0.02	12.49	0.06	0.18	0	-0.29	-0.02	-12.49	-0.12	0.61	0
K01	ZEMİN KAT	0	0	-1.96	0	0	0	0	0	-1.95	0	0	0
K02		0	0	-1.95	0	0	0	0	0	-1.96	0	0	0
K03		0	0	-2.41	0	0	0.01	0	0	-2.1	0	0	-0.01
K04		0	0	-2.1	0	0	-0.01	0	0	-2.41	0	0	0.01
K05		0	0	-2.37	0	0	0	0	0	-2.14	0	0	0
K06		0	0	-2.14	0	0	0	0	0	-2.37	0	0	0
K07		0	0	-2.41	0	0	-0.01	0	0	-2.1	0	0	0.01
K08		0	0	-1.62	0	0	0	0	0	-1.72	0	0	0
K09		0	0	-1.96	0	0	0	0	0	-1.95	0	0	0
K10		0	0	-1.32	0	0	0	0	0	-1.32	0	0	0
K11		0	0	-1.13	0	0	-0.02	0	0	-1.08	0	0	0.02
K12		0	0	-1.08	0	0	0.02	0	0	-1.13	0	0	-0.02
K13		0	0	-1.15	0	0	0	0	0	-1.08	0	0	0
K14		0	0	-2.37	0	0	0	0	0	-2.14	0	0	0
K15		0	0	-2.14	0	0	0	0	0	-2.37	0	0	0
K16		0	0	-1.38	0	0	0	0	0	-1.53	0	0	0
K17		0	0	-0.78	0	0	0.01	0	0	-0.77	0	0	-0.01
K18		0	0	-1.08	0	0	-0.02	0	0	-1.13	0	0	0.02
P01		0.03	0	33.84	0	0.48	0	-0.03	0	-33.84	0	-0.41	0
P02		0.03	0	33.84	0	0.48	0	-0.03	0	-33.84	0	-0.41	0
P03		-0.01	0	33.84	0	0.47	0	0.01	0	-33.84	0	-0.49	0
P04		-0.01	0	33.84	0	0.47	0	0.01	0	-33.84	0	-0.49	0
S01		0.06	0.11	22.06	-0.09	0.06	0	-0.06	-0.11	-22.06	-0.19	0.11	0
S02		0.01	0	32.19	0	0.02	0	-0.01	0	-32.19	0	0	0
S03		0.06	-0.11	22.06	0.1	0.06	0	-0.06	0.11	-22.06	0.2	0.1	0
S04		0.23	0.03	24.15	-0.03	0.16	0	-0.23	-0.03	-24.15	-0.06	0.46	0
S05		-0.03	0	43.05	0	0	0	0.03	0	-43.05	0	-0.07	0
S06		-0.24	0.03	24.19	-0.03	-0.18	0	0.24	-0.03	-24.19	-0.06	-0.48	0
S07		0.26	0	19.69	0.01	0.19	0	-0.26	0	-19.69	0	0.53	0
S08		0	0	42.83	0	0	0	0	0	-42.83	0	0	0
S09		-0.27	0	19.55	0	-0.2	0	0.27	0	-19.55	-0.01	-0.54	0
S10		0.23	-0.04	24.11	0.03	0.17	0	-0.23	0.04	-24.11	0.06	0.46	0
S11		-0.03	-0.02	39.78	0.02	0	0	0.03	0.02	-39.78	0.04	-0.07	0
S12		-0.18	-0.01	19.87	0.01	-0.13	0	0.18	0.01	-19.87	0.02	-0.35	0
S13		-0.06	0.11	22.06	-0.09	-0.03	0	0.06	-0.11	-22.06	-0.2	-0.14	0
S14		0.01	-0.02	27.43	0.02	0.02	0	-0.01	0.02	-27.43	0.03	0	0
S15		-0.04	-0.08	17.28	0.07	-0.02	0	0.04	0.08	-17.28	0.15	-0.1	0

Yükleme 6 Q DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K01	3. KAT	0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K02		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K03		0	0	-0.62	0	0	0	0	0	-0.5	0	0	0
K04		0	0	-0.5	0	0	0	0	0	-0.62	0	0	0

ELEMEN UÇ KUVVETLERİ

Yüklemeler 6 Q DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K07		0	0	-0.62	0	0	-0.01	0	0	-0.5	0	0	0.01
K08		0	0	-0.26	0	0	0	0	0	-0.32	0	0	0
K09		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K12		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
K13		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K14		0	0	-0.63	0	0	0.01	0	0	-0.52	0	0	-0.01
K15		0	0	-0.52	0	0	0	0	0	-0.63	0	0	0
K16		0	0	-0.29	0	0	0	0	0	-0.39	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
P01		0.01	0	0.65	0	0.02	0	-0.01	0	-0.65	0	0	0
P02		0.01	0	0.65	0	0.02	0	-0.01	0	-0.65	0	0	0
P03		0.03	0	0.65	0	0.07	0	-0.03	0	-0.65	0	0	0
P04		0.03	0	0.65	0	0.07	0	-0.03	0	-0.65	0	0	0
S01		0.01	0.02	0.53	-0.03	0.01	0	-0.01	-0.02	-0.53	-0.04	0.01	0
S02		0.02	0	1.05	0	0.03	0	-0.02	0	-1.05	0	0.02	0
S03		0.01	-0.02	0.53	0.03	0.02	0	-0.01	0.02	-0.53	0.04	0.01	0
S04		0.12	0.01	0.85	-0.01	0.13	0	-0.12	-0.01	-0.85	-0.02	0.19	0
S05		-0.05	0	2	0	-0.04	0	0.05	0	-2	0	-0.09	0
S06		-0.12	0.01	0.86	-0.01	-0.14	0	0.12	-0.01	-0.86	-0.01	-0.19	0
S07		0.14	0	0.71	0	0.14	0	-0.14	0	-0.71	0	0.22	0
S08		0	0	2.14	0.01	0	0	0	0	-2.14	0.01	0	0
S09		-0.14	0.01	0.69	-0.01	-0.16	0	0.14	-0.01	-0.69	-0.01	-0.22	0
S10		0.12	-0.01	0.85	0.01	0.13	0	-0.12	0.01	-0.85	0.02	0.19	0
S11		-0.02	-0.02	1.62	0.02	-0.03	0	0.02	0.02	-1.62	0.03	-0.02	0
S12		-0.08	0.01	0.37	-0.01	-0.09	0	0.08	-0.01	-0.37	-0.02	-0.13	0
S13		-0.01	0.02	0.53	-0.03	-0.01	0	0.01	-0.02	-0.53	-0.04	-0.01	0
S14		-0.01	-0.02	0.53	0.03	-0.01	0	0.01	0.02	-0.53	0.04	-0.01	0
S15		0	0	0	0	0	0	0	0	0	0	0	0
K01	2. KAT	0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K02		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K03		0	0	-0.62	0	0	0	0	0	-0.5	0	0	0
K04		0	0	-0.5	0	0	0	0	0	-0.62	0	0	0
K05		0	0	-0.63	0	0	0	0	0	-0.52	0	0	0
K06		0	0	-0.52	0	0	0	0	0	-0.63	0	0	0
K07		0	0	-0.62	0	0	-0.01	0	0	-0.5	0	0	0.01
K08		0	0	-0.26	0	0	0	0	0	-0.32	0	0	0
K09		0	0	-0.3	0	0	0	0	0	-0.3	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K12		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
K13		0	0	-0.2	0	0	0	0	0	-0.15	0	0	0
K14		0	0	-0.63	0	0	0	0	0	-0.52	0	0	0
K15		0	0	-0.52	0	0	0	0	0	-0.63	0	0	0
K16		0	0	-0.29	0	0	0	0	0	-0.39	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.15	0	0	0	0	0	-0.2	0	0	0
P01		0.01	0	1.29	0	0.06	0	-0.01	0	-1.29	0	-0.02	0
P02		0.01	0	1.29	0	0.06	0	-0.01	0	-1.29	0	-0.02	0
P03		0.02	0	1.29	0	0.13	0	-0.02	0	-1.29	0	-0.07	0
P04		0.02	0	1.29	0	0.13	0	-0.02	0	-1.29	0	-0.07	0
S01		-0.01	0	1.05	0	-0.03	0	0.01	0	-1.05	-0.01	0	0
S02		-0.02	0	2.1	0	-0.05	0	0.02	0	-2.1	0	0	0
S03		-0.01	0	1.05	0	-0.02	0	0.01	0	-1.05	0.01	0	0
S04		0.03	0.01	1.69	-0.02	0.01	0	-0.03	-0.01	-1.69	-0.02	0.07	0
S05		-0.08	0	3.99	0	-0.15	0	0.08	0	-3.99	0	-0.06	0
S06		-0.03	0.01	1.71	-0.02	-0.02	0	0.03	-0.01	-1.71	-0.01	-0.05	0
S07		0.04	0	1.43	0	0.03	0	-0.04	0	-1.43	0	0.08	0
S08		0	0	4.27	0	0	0	0	0	-4.27	0	0	0
S09		-0.04	0	1.39	0	-0.04	0	0.04	0	-1.39	-0.01	-0.07	0
S10		0.03	-0.02	1.69	0.03	0.01	0	-0.03	0.02	-1.69	0.02	0.07	0
S11		0.03	-0.01	3.23	0.01	0.08	0	-0.03	0.01	-3.23	0.01	0.01	0
S12		-0.02	0	0.75	0	-0.02	0	0.02	0	-0.75	-0.01	-0.03	0
S13		0.01	0	1.05	0	0.03	0	-0.01	0	-1.05	-0.01	0	0
S14		0.01	-0.01	1.05	0.01	0.03	0	-0.01	0.01	-1.05	0.01	0	0
S15		0	0	0	0	0	0	0	0	0	0	0	0
K01	1. KAT	0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K02		0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K03		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0
K04		0	0	-0.45	0	0	0	0	0	-0.59	0	0	0
K05		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K06		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K07		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0

ELEMEN UÇ KUVVETLERİ

Yüklemeler 6 Q DÜŞEY

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.16	0	0	0	0	0	-0.14	0	0	0
K12		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
K13		0	0	-0.17	0	0	0	0	0	-0.14	0	0	0
K14		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K15		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K16		0	0	-0.27	0	0	0	0	0	-0.34	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
P01		0.05	0	1.91	0	0.18	0	-0.05	0	-1.91	0	-0.06	0
P02		0.05	0	1.91	0	0.18	0	-0.05	0	-1.91	0	-0.06	0
P03		0.03	0	1.91	0	0.22	0	-0.03	0	-1.91	0	-0.13	0
P04		0.03	0	1.91	0	0.22	0	-0.03	0	-1.91	0	-0.13	0
S01		-0.02	0	1.59	-0.01	0	0	0.02	0	-1.59	0.02	-0.07	0
S02		-0.05	0	3.17	0	-0.01	0	0.05	0	-3.17	0	-0.13	0
S03		-0.02	0	1.59	0.01	0	0	0.02	0	-1.59	-0.02	-0.07	0
S04		0.04	0.04	2.58	-0.03	0.1	0	-0.04	-0.04	-2.58	-0.06	0.02	0
S05		-0.17	0	5.92	0	-0.11	0	0.17	0	-5.92	0	-0.35	0
S06		-0.04	0.04	2.59	-0.03	-0.09	0	0.04	-0.04	-2.59	-0.06	-0.01	0
S07		0.07	0	2.16	0.01	0.12	0	-0.07	0	-2.16	0.01	0.06	0
S08		0	0	6.23	0	0	0	0	0	-6.23	0	0	0
S09		-0.06	0	2.11	0	-0.11	0	0.06	0	-2.11	0	-0.06	0
S10		0.05	-0.04	2.56	0.04	0.1	0	-0.05	0.04	-2.56	0.07	0.02	0
S11		0.09	-0.02	4.82	0.02	0.03	0	-0.09	0.02	-4.82	0.03	0.2	0
S12		-0.02	0	1.15	0	-0.05	0	0.02	0	-1.15	0	-0.01	0
S13		0.03	0	1.59	-0.01	0.01	0	-0.03	0	-1.59	0.02	0.07	0
S14		0.03	-0.02	1.58	0.02	0.02	0	-0.03	0.02	-1.58	0.03	0.06	0
S15		0	0	0	0	0.01	0	0	0	0	0	0	0
K01	ZEMİN KAT	0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K02		0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K03		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0
K04		0	0	-0.45	0	0	0	0	0	-0.59	0	0	0
K05		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K06		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K07		0	0	-0.59	0	0	0	0	0	-0.45	0	0	0
K08		0	0	-0.24	0	0	0	0	0	-0.28	0	0	0
K09		0	0	-0.28	0	0	0	0	0	-0.28	0	0	0
K10		0	0	0	0	0	0	0	0	0	0	0	0
K11		0	0	-0.16	0	0	0	0	0	-0.14	0	0	0
K12		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
K13		0	0	-0.17	0	0	0	0	0	-0.14	0	0	0
K14		0	0	-0.58	0	0	0	0	0	-0.48	0	0	0
K15		0	0	-0.48	0	0	0	0	0	-0.58	0	0	0
K16		0	0	-0.27	0	0	0	0	0	-0.34	0	0	0
K17		0	0	0	0	0	0	0	0	0	0	0	0
K18		0	0	-0.14	0	0	0	0	0	-0.16	0	0	0
P01		0.01	0	2.53	0	0.21	0	-0.01	0	-2.53	0	-0.18	0
P02		0.01	0	2.53	0	0.21	0	-0.01	0	-2.53	0	-0.18	0
P03		0	0	2.53	0	0.21	0	0	0	-2.53	0	-0.22	0
P04		0	0	2.53	0	0.21	0	0	0	-2.53	0	-0.22	0
S01		0.01	0.01	2.13	-0.01	0.01	0	-0.01	-0.01	-2.13	-0.02	0.01	0
S02		0.02	0	4.23	0	0.02	0	-0.02	0	-4.23	0	0.03	0
S03		0.01	-0.01	2.13	0.01	0.01	0	-0.01	0.01	-2.13	0.02	0.01	0
S04		0.05	0	3.45	0	0.04	0	-0.05	0	-3.45	-0.01	0.1	0
S05		0.01	0	7.85	0	0.01	0	-0.01	0	-7.85	0	0	0
S06		-0.06	0	3.46	0	-0.04	0	0.06	0	-3.46	-0.01	-0.11	0
S07		0.05	0	2.92	0	0.04	0	-0.05	0	-2.92	0	0.11	0
S08		0	0	8.18	0	0	0	0	0	-8.18	0	0	0
S09		-0.06	0	2.86	0	-0.04	0	0.06	0	-2.86	0	-0.11	0
S10		0.05	0	3.43	0.01	0.04	0	-0.05	0	-3.43	0.01	0.11	0
S11		-0.03	-0.01	6.4	0.01	-0.01	0	0.03	0.01	-6.4	0.02	-0.07	0
S12		-0.03	0	1.54	0	-0.02	0	0.03	0	-1.54	-0.01	-0.06	0
S13		-0.01	0.01	2.13	-0.01	0	0	0.01	-0.01	-2.13	-0.02	-0.03	0
S14		-0.01	-0.01	2.12	0.01	0	0	0.01	0.01	-2.12	0.02	-0.03	0
S15		0	0	0	0	0.01	0	0	0	0	0	-0.01	0

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	-0.57	0	1.34	-0.16	0	0	0.57	0	0.84	0.16
K02		0	0	-0.57	0	0.84	-0.16	0	0	0.57	0	1.34	0.16
K03		0.67	0	-1.2	0	3.19	-0.04	-0.67	0	1.2	0	1.13	0.34
K04		-0.67	0	-1.2	0	1.13	-0.34	0.67	0	1.2	0	3.19	0.04
K05		0	0	-1.48	0	3.38	0	0	0	1.48	0	1.96	0
K06		0	0	-1.49	0	1.97	0	0	0	1.49	0	3.4	0
K07		-0.67	0	-1.08	0	2.87	0.04	0.67	0	1.08	0	1.01	-0.31
K08		0.59	0	-1.04	0	1.05	0.3	-0.59	0	1.04	0	2.71	-0.04
K09		0	0	-0.47	0	1.11	0.12	0	0	0.47	0	0.7	-0.12
K10		0	0	-0.44	0	0.67	0.11	0	0	0.44	0	1.01	-0.11
K11		0	0.8	-0.32	0	-0.14	-0.61	0	-0.8	0.32	0	0.22	-0.29
K12		0	-0.8	0.2	0	0.2	0.21	0	0.8	-0.2	0	-0.15	0.33
K13		0	0	0.01	0	0.08	0.01	0	0	-0.01	0	-0.08	0.02
K14		0	0	-0.01	0	-0.09	-0.02	0	0	0.01	0	0.09	-0.02
K15		0	0	0.01	0	0.09	0.01	0	0	-0.01	0	-0.09	0.01
K16		0	0	0	0	-0.1	0	0	0	0	0	0.1	0
K17		0	-0.7	0.31	0	-0.1	0.57	0	0.7	-0.31	0	0.18	0.28
K18		0	0.8	-0.19	0	0.2	-0.21	0	-0.8	0.19	0	-0.15	-0.32
P01		0.35	-0.51	0	1.39	0.95	0	-0.35	0.51	0	0	0	0
P02		0.35	-0.51	0	1.39	0.94	0	-0.35	0.51	0	0	0	0
P03		0.35	0.53	0	-1.42	0.95	0	-0.35	-0.53	0	0	0	0
P04		0.35	0.53	0	-1.42	0.94	0	-0.35	-0.53	0	0	0	0
S01		-0.82	0.13	-0.76	-0.19	-1.03	-0.02	0.82	-0.13	0.76	-0.17	-1.19	0.02
S02		-1.29	0	0	0	-1.72	-0.02	1.29	0	0	0	-1.78	0.02
S03		-0.82	-0.13	0.76	0.18	-1.03	-0.02	0.82	0.13	-0.76	0.16	-1.19	0.02
S04		-1.93	0.07	-0.99	-0.1	-1.79	-0.02	1.93	-0.07	0.99	-0.09	-3.43	0.02
S05		-1.54	0.01	0	-0.01	-2.08	-0.02	1.54	-0.01	0	-0.01	-2.07	0.02
S06		-1.93	-0.07	0.99	0.09	-1.78	-0.02	1.93	0.07	-0.99	0.08	-3.43	0.02
S07		-1.96	-0.06	-1.46	0.07	-1.91	-0.02	1.96	0.06	1.46	0.08	-3.37	0.02
S08		-2.94	-0.01	0.01	0.01	-3.82	-0.02	2.94	0.01	-0.01	0.01	-4.12	0.02
S09		-1.95	0.06	1.47	-0.08	-1.91	-0.02	1.95	-0.06	-1.47	-0.08	-3.37	0.02
S10		-1.69	-0.18	-0.78	0.25	-1.5	-0.02	1.69	0.18	0.78	0.24	-3.05	0.02
S11		-1.39	-0.02	0.01	0.02	-1.88	-0.02	1.39	0.02	-0.01	0.02	-1.88	0.02
S12		-1.53	0.19	0.77	-0.26	-1.27	-0.02	1.53	-0.19	-0.77	-0.25	-2.86	0.02
S13		-0.67	-0.34	-0.79	0.44	-0.83	-0.02	0.67	0.34	0.79	0.49	-0.97	0.02
S14		-1.05	0	0.04	0	-1.38	-0.02	1.05	0	-0.04	0	-1.45	0.02
S15		-0.61	0.32	0.75	-0.4	-0.75	-0.02	0.61	-0.32	-0.75	-0.46	-0.91	0.02
K01	2. KAT	0	0	-1.2	0	2.71	-0.32	0	0	1.2	0	1.9	0.32
K02		0	0	-1.2	0	1.9	-0.32	0	0	1.2	0	2.71	0.32
K03		0.35	0	-2.34	0	5.85	-0.05	-0.35	0	2.34	0	2.57	0.64
K04		-0.35	0	-2.34	0	2.57	-0.64	0.35	0	2.34	0	5.85	0.05
K05		0	0	-3.11	0	6.64	-0.01	0	0	3.11	0	4.56	0.01
K06		0	0	-3.12	0	4.58	0	0	0	3.12	0	6.66	0
K07		-0.35	0	-2.17	0	5.4	0.05	0.35	0	2.17	0	2.41	-0.59
K08		0.31	0	-2.01	0	2.29	0.54	-0.31	0	2.01	0	4.95	-0.04
K09		0	0	-1.05	0	2.34	0.26	0	0	1.05	0	1.69	-0.26
K10		0	0	-0.93	0	1.49	0.23	0	0	0.93	0	2.07	-0.23
K11		0	0.42	-0.62	0	-0.2	-1.09	0	-0.42	0.62	0	0.36	-0.62
K12		0	-0.42	0.4	0	0.31	0.44	0	0.42	-0.4	0	-0.21	0.65
K13		0	0	0.01	0	0.14	0.02	0	0	-0.01	0	-0.14	0.03
K14		0	0	-0.01	0	-0.17	-0.02	0	0	0.01	0	0.17	-0.03
K15		0	0	0.01	0	0.18	0.01	0	0	-0.01	0	-0.18	0.01
K16		0	0	0	0	-0.17	0.01	0	0	0	0	0.17	0.01
K17		0	-0.36	0.58	0	-0.14	1	0	0.36	-0.58	0	0.28	0.59
K18		0	0.42	-0.39	0	0.31	-0.44	0	-0.42	0.39	0	-0.21	-0.64
P01		-0.62	-1.37	0	5.08	-0.72	0	0.62	1.37	0	-1.39	-0.95	0
P02		-0.59	-1.37	0	5.08	-0.64	0	0.59	1.37	0	-1.39	-0.94	0
P03		-0.62	1.38	0	-5.16	-0.72	0	0.62	-1.38	0	1.42	-0.95	0
P04		-0.59	1.38	0	-5.16	-0.64	0	0.59	-1.38	0	1.42	-0.94	0
S01		-1.06	0.05	-2.36	0.01	-1.38	-0.02	1.06	-0.05	2.36	-0.14	-1.47	0.02
S02		-1.64	0	-0.01	0	-2.18	-0.02	1.64	0	0.01	0	-2.26	0.02
S03		-1.06	-0.04	2.35	-0.02	-1.38	-0.02	1.06	0.04	-2.35	0.14	-1.47	0.02
S04		-3.26	0.07	-2.88	-0.09	-4.32	-0.02	3.26	-0.07	2.88	-0.1	-4.5	0.02
S05		-2	0	0	-0.01	-2.67	-0.02	2	0	0	-0.01	-2.72	0.02
S06		-3.26	-0.07	2.88	0.09	-4.31	-0.02	3.26	0.07	-2.88	0.1	-4.5	0.02
S07		-3.25	-0.05	-4.63	0.07	-4.16	-0.02	3.25	0.05	4.63	0.06	-4.61	0.02
S08		-4.29	0	0.02	0	-5.92	-0.02	4.29	0	-0.02	0.01	-5.66	0.02
S09		-3.24	0.05	4.64	-0.07	-4.15	-0.02	3.24	-0.05	-4.64	-0.07	-4.6	0.02
S10		-3	-0.18	-2.34	0.23	-3.87	-0.02	3	0.18	2.34	0.24	-4.25	0.02
S11		-1.85	-0.02	0.14	0.03	-2.48	-0.02	1.85	0.02	-0.14	0.03	-2.52	0.02
S12		-2.81	0.17	2.21	-0.23	-3.61	-0.02	2.81	-0.17	-2.21	-0.24	-3.98	0.02
S13		-0.92	-0.31	-2.46	0.44	-1.19	-0.02	0.92	0.31	2.46	0.39	-1.3	0.02
S14		-1.4	-0.04	-0.18	0.02	-1.85	-0.02	1.4	0.04	0.18	0.03	-2.52	0.02

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	1. KAT	0	0	-1.92	0	4.07	-0.68	0	0	1.92	0	3.21	0.68
K02		0	0	-1.92	0	3.21	-0.68	0	0	1.92	0	4.07	0.68
K03		0.07	0	-3.67	0	8.37	-0.23	-0.07	0	3.67	0	4.49	1.33
K04		-0.07	0	-3.67	0	4.48	-1.33	0.07	0	3.67	0	8.37	0.23
K05		0	0	-4.09	0	8.84	0	0	0	4.09	0	5.47	0
K06		0	0	-4.1	0	5.48	0	0	0	4.1	0	8.86	0
K07		-0.07	0	-3.61	0	8.17	0.22	0.07	0	3.61	0	4.45	-1.3
K08		0.06	0	-3.28	0	4.08	1.18	-0.06	0	3.28	0	7.4	-0.2
K09		0	0	-1.86	0	3.89	0.65	0	0	1.86	0	3.16	-0.65
K10		0	0	-1.58	0	2.67	0.55	0	0	1.58	0	3.33	-0.55
K11		0	0.08	-1	0	-0.22	-1.62	0	-0.08	1	0	0.52	-1.07
K12		0	-0.08	0.9	0	0.48	1	0	0.08	-0.9	0	-0.21	1.43
K13		0	0	0.04	0	0.18	0.05	0	0	-0.04	0	-0.18	0.06
K14		0	0	-0.01	0	-0.07	-0.02	0	0	0.01	0	0.07	-0.02
K15		0	0	0.01	0	0.08	0.01	0	0	-0.01	0	-0.08	0.01
K16		0	0	0.01	0	-0.21	0.01	0	0	-0.01	0	0.21	0.01
K17		0	-0.07	0.91	0	-0.16	1.46	0	0.07	-0.91	0	0.43	0.99
K18		0	0.08	-0.89	0	0.48	-0.99	0	-0.08	0.89	0	-0.21	-1.41
P01		0.26	1.19	0	1.87	-0.02	0	-0.26	-1.19	0	-5.08	0.72	0
P02		0.23	1.19	0	1.87	-0.02	0	-0.23	-1.19	0	-5.08	0.64	0
P03		0.26	-1.15	0	-2.05	-0.02	0	-0.26	1.15	0	5.16	0.72	0
P04		0.23	-1.15	0	-2.05	-0.02	0	-0.23	1.15	0	5.16	0.64	0
S01		-1.79	0.31	-5.17	-0.33	-2.49	-0.01	1.79	-0.31	5.17	-0.52	-2.35	0.01
S02		-3.28	0.01	-0.01	-0.01	-4.38	-0.01	3.28	-0.01	0.01	-0.01	-4.46	0.01
S03		-1.79	-0.31	5.15	0.31	-2.49	-0.01	1.79	0.31	-5.15	0.51	-2.35	0.01
S04		-3.91	0.27	-5.6	-0.34	-6.26	-0.01	3.91	-0.27	5.6	-0.38	-4.29	0.01
S05		-4.37	0.01	0	-0.01	-5.79	-0.01	4.37	-0.01	0	-0.01	-6.01	0.01
S06		-3.91	-0.26	5.61	0.33	-6.26	-0.01	3.91	0.26	-5.61	0.37	-4.29	0.01
S07		-3.74	-0.02	-8.78	0.03	-5.88	-0.01	3.74	0.02	8.78	0.02	-4.22	0.01
S08		-3.91	0	0.03	0	-5.37	0	3.91	0	-0.03	0	-5.18	0
S09		-3.73	0.03	8.78	-0.04	-5.87	-0.01	3.73	-0.03	-8.78	-0.03	-4.21	0.01
S10		-3.97	-0.3	-4.93	0.39	-6.16	-0.01	3.97	0.3	4.93	0.43	-4.55	0.01
S11		-4.23	-0.05	0.42	0.06	-5.6	-0.01	4.23	0.05	-0.42	0.07	-5.81	0.01
S12		-3.57	0.29	4.59	-0.37	-5.65	-0.01	3.57	-0.29	-4.59	-0.4	-3.99	0.01
S13		-1.77	-0.26	-5.32	0.42	-2.44	-0.01	1.77	0.26	5.32	0.29	-2.35	0.01
S14		-3.04	-0.03	0.49	0.04	-4.06	-0.01	3.04	0.03	-0.49	0.05	-4.15	0.01
S15		-1.51	0.25	4.73	-0.41	-2.08	-0.01	1.51	-0.25	-4.73	-0.26	-1.99	0.01
K01	ZEMİN KAT	0	0	-1.93	0	3.99	-0.68	0	0	1.93	0	3.36	0.68
K02		0	0	-1.93	0	3.36	-0.68	0	0	1.93	0	3.99	0.68
K03		0	0	-3.55	0	7.77	-0.21	0	0	3.55	0	4.67	1.28
K04		0	0	-3.55	0	4.67	-1.28	0	0	3.55	0	7.77	0.21
K05		0	0	-3.42	0	7.53	0	0	0	3.42	0	4.42	0
K06		0	0	-3.42	0	4.43	0	0	0	3.42	0	7.54	0
K07		0	0	-3.59	0	7.81	0.21	0	0	3.59	0	4.76	-1.29
K08		0	0	-3.22	0	4.28	1.15	0	0	3.22	0	7	-0.19
K09		0	0	-1.96	0	3.99	0.69	0	0	1.96	0	3.45	-0.69
K10		0	0	-1.63	0	2.85	0.57	0	0	1.63	0	3.36	-0.57
K11		0	-0.01	-0.83	0	-0.16	-1.32	0	0.01	0.83	0	0.41	-0.92
K12		0	0.01	0.83	0	0.4	0.92	0	-0.01	-0.83	0	-0.15	1.33
K13		0	0	0.03	0	0.15	0.04	0	0	-0.03	0	-0.15	0.04
K14		0	0	-0.01	0	0.04	-0.01	0	0	0.01	0	-0.04	-0.01
K15		0	0	0	0	-0.03	0.01	0	0	0	0	0.03	0.01
K16		0	0	0.01	0	-0.17	0.01	0	0	-0.01	0	0.17	0.01
K17		0	0	0.74	0	-0.11	1.17	0	0	-0.74	0	0.33	0.84
K18		0	-0.01	-0.83	0	0.4	-0.92	0	0.01	0.83	0	-0.15	-1.32
P01		-1.06	0.56	0	0.35	-2.88	0	1.06	-0.56	0	-1.87	0.02	0
P02		-1.06	0.56	0	0.35	-2.88	0	1.06	-0.56	0	-1.87	0.02	0
P03		-1.06	-0.55	0	-0.57	-2.88	0	1.06	0.55	0	2.05	0.02	0
P04		-1.06	-0.55	0	-0.57	-2.88	0	1.06	0.55	0	2.05	0.02	0
S01		-1.48	0.17	-7.94	-0.13	-2.64	0	1.48	-0.17	7.94	-0.32	-1.35	0
S02		-2.11	0	-0.02	-0.01	-3.19	0	2.11	0	0.02	0	-2.5	0
S03		-1.48	-0.16	7.91	0.12	-2.64	0	1.48	0.16	-7.91	0.32	-1.35	0
S04		-5.24	0.13	-8.27	-0.12	-12.24	0	5.24	-0.13	8.27	-0.24	-1.91	0
S05		-2.6	0	0	-0.01	-3.62	0	2.6	0	0	0	-3.4	0
S06		-5.24	-0.13	8.29	0.11	-12.24	0	5.24	0.13	-8.29	0.24	-1.91	0
S07		-5.13	0	-12.28	0	-12.17	0	5.13	0	12.28	0	-1.68	0
S08		-2.57	0	0.03	0	-3.52	0	2.57	0	-0.03	0	-3.41	0
S09		-5.12	0	12.27	0	-12.16	0	5.12	0	-12.27	0	-1.67	0
S10		-5.31	-0.12	-7.67	0.1	-12.3	0	5.31	0.12	7.67	0.21	-2.04	0
S11		-2.57	-0.02	0.76	0.01	-3.59	0	2.57	0.02	-0.76	0.04	-3.34	0
S12		-5.13	0.11	7.04	-0.09	-12.18	0	5.13	-0.11	-7.04	-0.2	-1.68	0
S13		-1.51	-0.1	-8.11	0.06	-2.67	0	1.51	0.1	8.11	0.21	-1.4	0
S14		-2.05	-0.01	0.85	0.01	-3.14	0	2.05	0.01	-0.85	0.03	-2.39	0
S15		-1.38	0.09	7.11	-0.07	-2.56	0	1.38	-0.09	-7.11	-0.19	-1.17	0

ELEMAN UÇ KUVVETLERİ (GLOBAL)

Yüklemeye 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	-0.46	0	1.1	-0.11	0	0	0.46	0	0.68	0.11
K02		0	0	-0.46	0	0.68	-0.11	0	0	0.46	0	1.1	0.11
K03		-0.76	0	-1.09	0	2.89	-0.04	0.76	0	1.09	0	1.03	0.32
K04		0.76	0	-1.09	0	1.03	-0.32	-0.76	0	1.09	0	2.89	0.04
K05		0	0	-1.49	0	3.39	0	0	0	1.49	0	1.96	0
K06		0	0	-1.49	0	1.98	0	0	0	1.49	0	3.4	0
K07		0.76	0	-1.19	0	3.18	0.04	-0.76	0	1.19	0	1.11	-0.34
K08		-0.67	0	-1.15	0	1.15	0.32	0.67	0	1.15	0	2.99	-0.04
K09		0	0	-0.58	0	1.36	0.17	0	0	0.58	0	0.86	-0.17
K10		0	0	-0.53	0	0.82	0.15	0	0	0.53	0	1.23	-0.15
K11		0	-0.91	-0.18	0	-0.15	-0.3	0	0.91	0.18	0	0.19	-0.2
K12		0	0.91	0.34	0	0.22	0.29	0	-0.91	-0.34	0	-0.14	0.64
K13		0	0	0.01	0	0.09	0.01	0	0	-0.01	0	-0.09	0.02
K14		0	0	-0.01	0	-0.09	-0.03	0	0	0.01	0	0.09	-0.02
K15		0	0	0	0	0.09	0.01	0	0	0	0	-0.09	0.01
K16		0	0	0	0	-0.1	0	0	0	0	0	0.1	0
K17		0	0.8	0.18	0	-0.11	0.29	0	-0.8	-0.18	0	0.15	0.2
K18		0	-0.91	-0.34	0	0.22	-0.29	0	0.91	0.34	0	-0.14	-0.63
P01		0.35	0.61	0	-1.64	0.94	0	-0.35	-0.61	0	0	0	0
P02		0.35	0.61	0	-1.64	0.95	0	-0.35	-0.61	0	0	0	0
P03		0.35	-0.6	0	1.63	0.94	0	-0.35	0.6	0	0	0	0
P04		0.35	-0.6	0	1.63	0.95	0	-0.35	0.6	0	0	0	0
S01		-0.66	0.37	-0.8	-0.47	-0.82	0.02	0.66	-0.37	0.8	-0.52	-0.96	-0.02
S02		-1.06	0	0	0	-1.4	0.02	1.06	0	0	0	-1.46	-0.02
S03		-0.66	-0.36	0.8	0.46	-0.82	0.02	0.66	0.36	-0.8	0.52	-0.96	-0.02
S04		-1.69	0.2	-0.79	-0.27	-1.5	0.02	1.69	-0.2	0.79	-0.26	-3.05	-0.02
S05		-1.39	0.01	0	-0.01	-1.89	0.02	1.39	-0.01	0	-0.01	-1.88	-0.02
S06		-1.69	-0.19	0.79	0.27	-1.5	0.02	1.69	0.19	-0.79	0.26	-3.05	-0.02
S07		-1.96	0.07	-1.47	-0.09	-1.92	0.02	1.96	-0.07	1.47	-0.09	-3.38	-0.02
S08		-2.95	-0.01	0.01	0.01	-3.83	0.03	2.95	0.01	-0.01	0.01	-4.13	-0.03
S09		-1.96	-0.06	1.47	0.08	-1.91	0.02	1.96	0.06	-1.47	0.09	-3.37	-0.02
S10		-1.94	-0.06	-0.99	0.08	-1.8	0.02	1.94	0.06	0.99	0.07	-3.43	-0.02
S11		-1.54	-0.02	0.02	0.03	-2.07	0.02	1.54	0.02	-0.02	0.03	-2.07	-0.02
S12		-1.77	0.06	0.96	-0.09	-1.54	0.02	1.77	-0.06	-0.96	-0.08	-3.23	-0.02
S13		-0.84	-0.11	-0.76	0.16	-1.05	0.02	0.84	0.11	0.76	0.13	-1.21	-0.02
S14		-1.28	-0.01	0.05	0.01	-1.69	0.02	1.28	0.01	-0.05	0.01	-1.77	-0.02
S15		-0.77	0.11	0.71	-0.16	-0.94	0.02	0.77	-0.11	-0.71	-0.14	-1.13	-0.02
K01	2. KAT	0	0	-1.02	0	2.3	-0.25	0	0	1.02	0	1.61	0.25
K02		0	0	-1.02	0	1.61	-0.25	0	0	1.02	0	2.3	0.25
K03		-0.39	0	-2.16	0	5.39	-0.05	0.39	0	2.16	0	2.38	0.59
K04		0.39	0	-2.16	0	2.38	-0.59	-0.39	0	2.16	0	5.39	0.05
K05		0	0	-3.12	0	6.65	0	0	0	3.12	0	4.57	0
K06		0	0	-3.13	0	4.58	0.01	0	0	3.13	0	6.67	-0.01
K07		0.4	0	-2.36	0	5.88	0.05	-0.4	0	2.36	0	2.61	-0.64
K08		-0.35	0	-2.18	0	2.48	0.59	0.35	0	2.18	0	5.38	-0.04
K09		0	0	-1.23	0	2.75	0.33	0	0	1.23	0	2	-0.33
K10		0	0	-1.09	0	1.76	0.29	0	0	1.09	0	2.43	-0.29
K11		0	-0.47	-0.37	0	-0.21	-0.61	0	0.47	0.37	0	0.3	-0.42
K12		0	0.47	0.64	0	0.36	0.64	0	-0.47	-0.64	0	-0.2	1.13
K13		0	0	0.01	0	0.15	0.02	0	0	-0.01	0	-0.15	0.02
K14		0	0	-0.02	0	-0.17	-0.03	0	0	0.02	0	0.17	-0.03
K15		0	0	0	0	0.17	0.01	0	0	0	0	-0.17	0.01
K16		0	0	0	0	-0.16	0.01	0	0	0	0	0.16	0.01
K17		0	0.41	0.35	0	-0.14	0.56	0	-0.41	-0.35	0	0.23	0.4
K18		0	-0.47	-0.64	0	0.36	-0.63	0	0.47	0.64	0	-0.2	-1.13
P01		-0.59	1.52	0	-5.74	-0.64	0	0.59	-1.52	0	1.64	-0.94	0
P02		-0.62	1.52	0	-5.74	-0.73	0	0.62	-1.52	0	1.64	-0.95	0
P03		-0.59	-1.5	0	5.69	-0.64	0	0.59	1.5	0	-1.63	-0.94	0
P04		-0.62	-1.5	0	5.69	-0.73	0	0.62	1.5	0	-1.63	-0.95	0
S01		-0.91	0.33	-2.46	-0.48	-1.17	0.02	0.91	-0.33	2.46	-0.42	-1.28	-0.02
S02		-1.44	0	-0.01	0	-1.9	0.02	1.44	0	0.01	0	-1.98	-0.02
S03		-0.91	-0.33	2.45	0.48	-1.17	0.02	0.91	0.33	-2.45	0.41	-1.28	-0.02
S04		-2.99	0.19	-2.31	-0.25	-3.84	0.02	2.99	-0.19	2.31	-0.26	-4.23	-0.02
S05		-1.87	0	0	-0.01	-2.51	0.02	1.87	0	0	-0.01	-2.55	-0.02
S06		-2.99	-0.18	2.32	0.24	-3.84	0.02	2.99	0.18	-2.32	0.26	-4.23	-0.02
S07		-3.25	0.06	-4.64	-0.08	-4.16	0.02	3.25	-0.06	4.64	-0.07	-4.61	-0.02
S08		-4.29	0	0.02	0.01	-5.92	0.02	4.29	0	-0.02	0.01	-5.66	-0.02
S09		-3.24	-0.05	4.64	0.07	-4.15	0.02	3.24	0.05	-4.64	0.07	-4.61	-0.02
S10		-3.28	-0.06	-2.91	0.08	-4.35	0.02	3.28	0.06	2.91	0.09	-4.52	-0.02
S11		-1.98	-0.02	0.16	0.03	-2.65	0.02	1.98	0.02	-0.16	0.03	-2.7	-0.02
S12		-3.08	0.06	2.74	-0.07	-4.08	0.02	3.08	-0.06	-2.74	-0.09	-4.24	-0.02
S13		-1.07	-0.02	-2.37	-0.05	-1.41	0.02	1.07	0.02	2.37	0.12	-1.49	-0.02
S14		-1.61	-0.01	0.21	0.02	-2.13	0.02	1.61	0.01	-0.21	0.01	-2.21	-0.02
S15		-0.67	0.02	2.15	0.05	1.27	0.02	0.67	0.02	-2.15	0.11	1.25	0.02

ELEMAN UÇ KUVVETLERİ (GLOBAL)**Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem**

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K02		0	0	-1.8	0	3.02	-0.63	0	0	1.8	0	3.83	0.63
K03		-0.08	0	-3.57	0	8.12	-0.22	0.08	0	3.57	0	4.36	1.29
K04		0.08	0	-3.57	0	4.36	-1.29	-0.08	0	3.57	0	8.12	0.22
K05		0	0	-4.09	0	8.85	0	0	0	4.09	0	5.47	0
K06		0	0	-4.1	0	5.48	0	0	0	4.1	0	8.86	0
K07		0.08	0	-3.72	0	8.43	0.23	-0.08	0	3.72	0	4.58	-1.35
K08		-0.07	0	-3.38	0	4.21	1.22	0.07	0	3.38	0	7.64	-0.2
K09		0	0	-1.97	0	4.13	0.7	0	0	1.97	0	3.36	-0.7
K10		0	0	-1.68	0	2.84	0.6	0	0	1.68	0	3.54	-0.6
K11		0	-0.1	-0.88	0	-0.22	-1.39	0	0.1	0.88	0	0.48	-0.98
K12		0	0.1	1.02	0	0.52	1.09	0	-0.1	-1.02	0	-0.22	1.66
K13		0	0	0.04	0	0.19	0.05	0	0	-0.04	0	-0.19	0.05
K14		0	0	-0.01	0	-0.07	-0.02	0	0	0.01	0	0.07	-0.02
K15		0	0	0	0	0.08	0.01	0	0	0	0	-0.08	0.01
K16		0	0	0.01	0	-0.21	0.01	0	0	-0.01	0	0.21	0.01
K17		0	0.08	0.8	0	-0.15	1.25	0	-0.08	-0.8	0	0.39	0.9
K18		0	-0.1	-1.01	0	0.52	-1.09	0	0.1	1.01	0	-0.22	-1.65
P01		0.23	-1.2	0	-2.49	-0.02	0	-0.23	1.2	0	5.74	0.64	0
P02		0.26	-1.2	0	-2.49	-0.02	0	-0.26	1.2	0	5.74	0.73	0
P03		0.23	1.24	0	2.34	-0.02	0	-0.23	-1.24	0	-5.69	0.64	0
P04		0.26	1.24	0	2.34	-0.02	0	-0.26	-1.24	0	-5.69	0.73	0
S01		-1.75	0.29	-5.29	-0.48	-2.4	0.01	1.75	-0.29	5.29	-0.3	-2.32	-0.01
S02		-3.18	0.01	-0.01	-0.01	-4.25	0.01	3.18	-0.01	0.01	-0.01	-4.35	-0.01
S03		-1.75	-0.28	5.27	0.47	-2.4	0.01	1.75	0.28	-5.27	0.29	-2.32	-0.01
S04		-3.94	0.31	-4.86	-0.41	-6.11	0.01	3.94	-0.31	4.86	-0.44	-4.53	-0.01
S05		-4.32	0.01	0	-0.01	-5.72	0.01	4.32	-0.01	0	-0.01	-5.93	-0.01
S06		-3.94	-0.31	4.87	0.4	-6.1	0.01	3.94	0.31	-4.87	0.44	-4.53	-0.01
S07		-3.74	0.03	-8.79	-0.04	-5.88	0.01	3.74	-0.03	8.79	-0.03	-4.22	-0.01
S08		-3.91	0	0.03	0	-5.37	0	3.91	0	-0.03	0	-5.18	0
S09		-3.73	-0.02	8.79	0.03	-5.87	0.01	3.73	0.02	-8.79	0.02	-4.21	-0.01
S10		-3.94	-0.25	-5.69	0.32	-6.32	0.01	3.94	0.25	5.69	0.36	-4.31	-0.01
S11		-4.28	-0.05	0.45	0.06	-5.67	0.01	4.28	0.05	-0.45	0.07	-5.89	-0.01
S12		-3.54	0.24	5.28	-0.3	-5.81	0.01	3.54	-0.24	-5.28	-0.34	-3.74	-0.01
S13		-1.82	-0.29	-5.22	0.27	-2.53	0.01	1.82	0.29	5.22	0.5	-2.39	-0.01
S14		-3.13	-0.04	0.54	0.04	-4.19	0.01	3.13	0.04	-0.54	0.05	-4.26	-0.01
S15		-1.55	0.28	4.62	-0.26	-2.17	0.01	1.55	-0.28	-4.62	-0.49	-2.01	-0.01
K01	ZEMİN KAT	0	0	-1.91	0	3.94	-0.67	0	0	1.91	0	3.31	0.67
K02		0	0	-1.91	0	3.31	-0.67	0	0	1.91	0	3.94	0.67
K03		0.01	0	-3.54	0	7.75	-0.21	-0.01	0	3.54	0	4.65	1.27
K04		-0.01	0	-3.54	0	4.65	-1.27	0.01	0	3.54	0	7.75	0.21
K05		0	0	-3.42	0	7.54	0	0	0	3.42	0	4.42	0
K06		0	0	-3.42	0	4.43	0	0	0	3.42	0	7.55	0
K07		-0.01	0	-3.6	0	7.83	0.21	0.01	0	3.6	0	4.78	-1.3
K08		0.01	0	-3.24	0	4.31	1.16	-0.01	0	3.24	0	7.02	-0.19
K09		0	0	-1.99	0	4.04	0.7	0	0	1.99	0	3.5	-0.7
K10		0	0	-1.65	0	2.89	0.58	0	0	1.65	0	3.4	-0.58
K11		0	0.02	-0.83	0	-0.16	-1.32	0	-0.02	0.83	0	0.4	-0.92
K12		0	-0.02	0.84	0	0.41	0.93	0	0.02	-0.84	0	-0.16	1.33
K13		0	0	0.03	0	0.15	0.04	0	0	-0.03	0	-0.15	0.04
K14		0	0	-0.01	0	0.04	-0.01	0	0	0.01	0	-0.04	-0.01
K15		0	0	0	0	-0.03	0.01	0	0	0	0	0.03	0.01
K16		0	0	0	0	-0.17	0.01	0	0	0	0	0.17	0.01
K17		0	-0.01	0.74	0	-0.11	1.17	0	0.01	-0.74	0	0.33	0.83
K18		0	0.02	-0.83	0	0.4	-0.92	0	-0.02	0.83	0	-0.15	-1.32
P01		-1.06	-0.75	0	-0.46	-2.88	0	1.06	0.75	0	2.49	0.02	0
P02		-1.05	-0.75	0	-0.46	-2.87	0	1.05	0.75	0	2.49	0.02	0
P03		-1.06	0.77	0	0.26	-2.88	0	1.06	-0.77	0	-2.34	0.02	0
P04		-1.05	0.77	0	0.26	-2.87	0	1.05	-0.77	0	-2.34	0.02	0
S01		-1.5	0.08	-8.03	-0.05	-2.67	0	1.5	-0.08	8.03	-0.18	-1.39	0
S02		-2.13	0	-0.02	-0.01	-3.22	0	2.13	0	0.02	0	-2.54	0
S03		-1.5	-0.08	8.01	0.04	-2.67	0	1.5	0.08	-8.01	0.18	-1.39	0
S04		-5.32	0.11	-7.53	-0.1	-12.32	0	5.32	-0.11	7.53	-0.21	-2.04	0
S05		-2.62	0	0	-0.01	-3.64	0	2.62	0	0	0	-3.43	0
S06		-5.32	-0.11	7.55	0.09	-12.32	0	5.32	0.11	-7.55	0.21	-2.04	0
S07		-5.13	-0.01	-12.28	0.01	-12.17	0	5.13	0.01	12.28	0.01	-1.68	0
S08		-2.57	0	0.03	0	-3.52	0	2.57	0	-0.03	0	-3.41	0
S09		-5.12	0.01	12.28	-0.01	-12.16	0	5.12	-0.01	-12.28	-0.01	-1.67	0
S10		-5.24	-0.13	-8.42	0.12	-12.23	0	5.24	0.13	8.42	0.24	-1.91	0
S11		-2.55	-0.02	0.78	0.01	-3.57	0	2.55	0.02	-0.78	0.04	-3.31	0
S12		-5.06	0.12	7.74	-0.11	-12.1	0	5.06	-0.12	-7.74	-0.22	-1.56	0
S13		-1.48	-0.18	-8.03	0.14	-2.64	0	1.48	0.18	8.03	0.35	-1.36	0
S14		-2.02	-0.02	0.9	0.01	-3.11	0	2.02	0.02	-0.9	0.03	-2.35	0
S15		-1.35	0.17	7.02	-0.15	-2.53	0	1.35	-0.17	-7.02	-0.32	-1.13	0

Yüklem 3 (Y YÖNÜ - 0.05) E3 Deprem

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	0.07	0	-0.12	0.01	0	0	-0.07	0	-0.14	-0.01
K02		0	0	0	0	0.04	0.02	0	0	0	0	-0.03	-0.02
K03		-0.45	0	0.08	0	-0.16	0.07	0.45	0	-0.08	0	-0.13	-0.1
K04		0.45	0	-0.01	0	0.07	-0.08	-0.45	0	0.01	0	-0.03	0.07
K05		0	0	0	0	0	-0.01	0	0	0	0	0	0.01
K06		0	0	0	0	0	0.02	0	0	0	0	0	-0.02
K07		0.45	0	-0.09	0	0.18	0.08	-0.45	0	0.09	0	0.14	-0.1
K08		-0.4	0	0.01	0	-0.07	-0.06	0.4	0	-0.01	0	0.02	0.06
K09		0	0	-0.06	0	0.11	0.01	0	0	0.06	0	0.13	-0.01
K10		0	0	0	0	-0.03	0.02	0	0	0	0	0.03	-0.02
K11		0	-0.54	-0.77	0	0	-1.61	0	0.54	0.77	0	0.2	-0.51
K12		0	0.54	-0.77	0	-0.2	-0.51	0	-0.54	0.77	0	0.01	-1.61
K13		0	0	-1.24	0	0	-2.07	0	0	1.24	0	0	-1.64
K14		0	0	-0.88	0	0	-1.87	0	0	0.88	0	0	-1.29
K15		0	0	-0.89	0	0	-1.32	0	0	0.89	0	0	-1.89
K16		0	0	-1.26	0	0	-1.65	0	0	1.26	0	0	-2.14
K17		0	0.47	-0.82	0	0	-1.66	0	-0.47	0.82	0	-0.21	-0.59
K18		0	-0.55	-0.86	0	0.21	-0.56	0	0.55	0.86	0	0	-1.8
P01		0	-1.08	0	2.91	0	0	0	1.08	0	0	0	0
P02		0	-1.08	0	2.91	0	0	0	1.08	0	0	0	0
P03		0	-1.8	0	4.85	0	0	0	1.8	0	0	0	0
P04		0	-1.8	0	4.85	0	0	0	1.8	0	0	0	0
S01		0.08	-1.07	0.84	1.3	0.11	0.01	-0.08	1.07	-0.84	1.59	0.12	-0.01
S02		0.08	-1.48	1.19	1.86	0.1	0.01	-0.08	1.48	-1.19	2.13	0.1	-0.01
S03		0.02	-1.22	0.86	1.47	0.03	0.01	-0.02	1.22	-0.86	1.82	0.03	-0.01
S04		0.22	-0.64	-0.46	0.86	0.27	0.01	-0.22	0.64	0.46	0.87	0.31	-0.01
S05		0.05	-2.6	-0.46	3.32	0.06	0.01	-0.05	2.6	0.46	3.7	0.06	-0.01
S06		-0.05	-0.72	-0.59	0.97	-0.09	0.01	0.05	0.72	0.59	0.98	-0.06	-0.01
S07		0	-0.61	0	0.79	0	0.01	0	0.61	0	0.85	0	-0.01
S08		0	-1.83	-0.01	2.37	0	0.02	0	1.83	0.01	2.58	0	-0.02
S09		0	-0.68	-0.02	0.89	0	0.01	0	0.68	0.02	0.95	0	-0.01
S10		-0.22	-0.64	0.46	0.86	-0.28	0.01	0.22	0.64	-0.46	0.87	-0.32	-0.01
S11		-0.05	-2.56	0.46	3.26	-0.07	0.01	0.05	2.56	-0.46	3.66	-0.07	-0.01
S12		0.05	-0.72	0.57	0.96	0.08	0.01	-0.05	0.72	-0.57	0.98	0.06	-0.01
S13		-0.08	-1.07	-0.83	1.3	-0.1	0.01	0.08	1.07	0.83	1.6	-0.11	-0.01
S14		-0.07	-1.42	-1.17	1.77	-0.1	0.01	0.07	1.42	1.17	2.07	-0.1	-0.01
S15		-0.02	-1.11	-0.82	1.32	-0.02	0.01	0.02	1.11	0.82	1.67	-0.03	-0.01
K01	2. KAT	0	0	0.1	0	-0.19	0.02	0	0	-0.1	0	-0.18	-0.02
K02		0	0	0.02	0	0	0.03	0	0	-0.02	0	-0.07	-0.03
K03		-0.23	0	0.14	0	-0.29	0.11	0.23	0	-0.14	0	-0.22	-0.14
K04		0.23	0	-0.02	0	0.1	-0.11	-0.23	0	0.02	0	-0.01	0.11
K05		0	0	0	0	0	0	0	0	0	0	0	0
K06		0	0	0	0	0	0.01	0	0	0	0	0	-0.01
K07		0.23	0	-0.15	0	0.31	0.11	-0.23	0	0.15	0	0.23	-0.15
K08		-0.21	0	0.03	0	-0.1	-0.09	0.21	0	-0.03	0	-0.01	0.08
K09		0	0	-0.09	0	0.17	0.02	0	0	0.09	0	0.17	-0.02
K10		0	0	-0.02	0	0.01	0.02	0	0	0.02	0	0.06	-0.02
K11		0	-0.28	-1.34	0	0	-2.53	0	0.28	1.34	0	0.34	-1.15
K12		0	0.28	-1.34	0	-0.34	-1.15	0	-0.28	1.34	0	0	-2.53
K13		0	0	-2.18	0	0.01	-3.46	0	0	2.18	0	-0.01	-3.09
K14		0	0	-1.46	0	0	-2.93	0	0	1.46	0	0	-2.32
K15		0	0	-1.45	0	0	-2.32	0	0	1.45	0	0	-2.91
K16		0	0	-2.29	0	0	-3.23	0	0	2.29	0	0	-3.64
K17		0	0.25	-1.37	0	0	-2.54	0	-0.25	1.37	0	-0.34	-1.23
K18		0	-0.28	-1.49	0	0.37	-1.27	0	0.28	1.49	0	0	-2.83
P01		0.01	-5.47	0	17.68	0.03	0	-0.01	5.47	0	-2.91	0	0
P02		-0.01	-5.47	0	17.68	-0.03	0	0.01	5.47	0	-2.91	0	0
P03		0.01	-7.28	0	24.51	0.03	0	-0.01	7.28	0	-4.85	0	0
P04		-0.01	-7.28	0	24.51	-0.03	0	0.01	7.28	0	-4.85	0	0
S01		0.05	-0.97	2.27	1.39	0.07	0.01	-0.05	0.97	-2.27	1.21	0.08	-0.01
S02		0.07	-1.38	3.4	1.96	0.09	0.01	-0.07	1.38	-3.4	1.77	0.09	-0.01
S03		0.04	-1.15	2.33	1.7	0.07	0.01	-0.04	1.15	-2.33	1.39	0.04	-0.01
S04		0.24	-0.62	-1.3	0.83	0.38	0.01	-0.24	0.62	1.3	0.84	0.28	-0.01
S05		0.04	-2.31	-1.46	3.15	0.05	0.01	-0.04	2.31	1.46	3.08	0.06	-0.01
S06		-0.07	-0.69	-1.65	0.93	-0.07	0.01	0.07	0.69	1.65	0.94	-0.11	-0.01
S07		0	-0.5	0	0.66	0	0.01	0	0.5	0	0.7	0	-0.01
S08		0	-1.71	-0.01	2.35	0	0.01	0	1.71	0.01	2.26	0	-0.01
S09		0	-0.57	-0.02	0.75	0	0.01	0	0.57	0.02	0.78	0	-0.01
S10		-0.25	-0.62	1.29	0.83	-0.39	0.01	0.25	0.62	-1.29	0.84	-0.29	-0.01
S11		-0.04	-2.25	1.36	3.08	-0.06	0.01	0.04	2.25	-1.36	3	-0.06	-0.01
S12		0.06	-0.68	1.51	0.91	0.06	0.01	-0.06	0.68	-1.51	0.92	0.1	-0.01
S13		-0.05	-0.97	-2.26	1.39	-0.06	0.01	0.05	0.97	2.26	1.22	-0.07	-0.01
S14		-0.06	-1.32	-3.28	1.88	-0.09	0.01	0.06	1.32	3.28	1.68	-0.09	-0.01
S15		-0.04	-1.05	-2.17	1.58	-0.07	0.01	0.04	1.05	2.17	1.25	-0.04	-0.01
K01	1. KAT	0	0	0.11	0	-0.24	0.03	0	0	-0.11	0	-0.2	-0.03

ELEMAN UÇ KUVVETLERİ (GLOBAL)**Yüklemeye 3 (Y YÖNÜ + 0.05) E3 Deprem**

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K04		0.05	0	-0.03	0	0.09	-0.11	-0.05	0	0.03	0	0	0.1
K05		0	0	0	0	-0.01	-0.06	0	0	0	0	0	0.06
K06		0	0	0	0	0	0.07	0	0	0	0	-0.01	-0.07
K07		0.05	0	-0.11	0	0.19	0.11	-0.05	0	0.11	0	0.19	-0.14
K08		-0.04	0	0.04	0	-0.1	-0.09	0.04	0	-0.04	0	-0.03	0.08
K09		0	0	-0.11	0	0.22	0.03	0	0	0.11	0	0.18	-0.03
K10		0	0	0.04	0	-0.06	0	0	0	-0.04	0	-0.07	0
K11		0	-0.06	-2.04	0	-0.08	-3.55	0	0.06	2.04	0	0.69	-1.96
K12		0	0.06	-2.04	0	-0.7	-1.96	0	-0.06	2.04	0	0.08	-3.55
K13		0	0	-2.99	0	0	-4.65	0	0	2.99	0	0	-4.33
K14		0	0	-1.51	0	0	-3.07	0	0	1.51	0	0	-2.2
K15		0	0	-1.5	0	0	-2.2	0	0	1.5	0	0	-3.05
K16		0	0	-3.17	0	0	-4.57	0	0	3.17	0	0	-4.93
K17		0	0.05	-1.93	0	0.08	-3.32	0	-0.05	1.93	0	-0.66	-1.9
K18		0	-0.06	-2.12	0	0.72	-2.02	0	0.06	2.12	0	-0.09	-3.7
P01		-0.01	-7.59	0	38.18	0	0	0.01	7.59	0	-17.68	-0.03	0
P02		0.01	-7.59	0	38.18	0	0	-0.01	7.59	0	-17.68	0.03	0
P03		-0.01	-6.09	0	40.97	0	0	0.01	6.09	0	-24.51	-0.03	0
P04		0.01	-6.09	0	40.97	0	0	-0.01	6.09	0	-24.51	0.03	0
S01		-0.01	-1.8	4.43	2.95	0.01	0.01	0.01	1.8	-4.43	1.9	-0.03	-0.01
S02		0.03	-2.35	6.41	3.7	0.05	0.01	-0.03	2.35	-6.41	2.65	0.04	-0.01
S03		0.04	-1.78	4.49	3.05	0.05	0.01	-0.04	1.78	-4.49	1.76	0.05	-0.01
S04		0.33	-1.39	-2.77	1.86	0.46	0.01	-0.33	1.39	2.77	1.89	0.44	-0.01
S05		0.02	-3.75	-3.25	5.26	0.03	0.01	-0.02	3.75	3.25	4.86	0.03	-0.01
S06		-0.34	-1.42	-3.25	1.9	-0.34	0.01	0.34	1.42	3.25	1.93	-0.59	-0.01
S07		0	-0.99	0	1.34	0.01	0.01	0	0.99	0	1.33	0	-0.01
S08		0	-1.46	0	2	0	0	0	1.46	0	1.93	0	0
S09		0	-1.02	-0.02	1.39	0.01	0.01	0	1.02	0.02	1.37	0	-0.01
S10		-0.34	-1.39	2.76	1.86	-0.46	0.01	0.34	1.39	-2.76	1.89	-0.45	-0.01
S11		-0.02	-3.63	3	5.11	-0.03	0.01	0.02	3.63	-3	4.69	-0.03	-0.01
S12		0.32	-1.37	2.9	1.83	0.32	0.01	-0.32	1.37	-2.9	1.87	0.55	-0.01
S13		0.01	-1.8	-4.41	2.95	0	0.01	-0.01	1.8	4.41	1.9	0.04	-0.01
S14		-0.03	-2.22	-6.13	3.53	-0.04	0.01	0.03	2.22	6.13	2.47	-0.04	-0.01
S15		-0.04	-1.61	-4.14	2.83	-0.05	0.01	0.04	1.61	4.14	1.52	-0.05	-0.01
K01	ZEMİN KAT	0	0	0.04	0	-0.08	0.01	0	0	-0.04	0	-0.08	-0.01
K02		0	0	-0.02	0	0.05	0	0	0	0.02	0	0.05	0
K03		0.01	0	0.09	0	-0.15	0.08	-0.01	0	-0.09	0	-0.16	-0.1
K04		-0.01	0	-0.08	0	0.14	-0.1	0.01	0	0.08	0	0.13	0.08
K05		0	0	0	0	-0.01	-0.08	0	0	0	0	0	0.08
K06		0	0	0	0	0	0.08	0	0	0	0	0	-0.08
K07		-0.01	0	-0.09	0	0.16	0.08	0.01	0	0.09	0	0.17	-0.11
K08		0.01	0	0.08	0	-0.14	-0.08	-0.01	0	-0.08	0	-0.14	0.06
K09		0	0	-0.04	0	0.07	0.01	0	0	0.04	0	0.07	-0.01
K10		0	0	0.02	0	-0.04	0	0	0	-0.02	0	-0.04	0
K11		0	0.01	-1.98	0	-0.09	-3.29	0	-0.01	1.98	0	0.68	-2.05
K12		0	-0.01	-1.98	0	-0.68	-2.05	0	0.01	1.98	0	0.09	-3.29
K13		0	0	-2.72	0	0	-4.16	0	0	2.72	0	0	-4.01
K14		0	0	-1.15	0	0	-2.41	0	0	1.15	0	0	-1.62
K15		0	0	-1.14	0	0	-1.61	0	0	1.14	0	0	-2.39
K16		0	0	-2.92	0	0	-4.29	0	0	2.92	0	0	-4.46
K17		0	-0.01	-1.78	0	0.08	-2.93	0	0.01	1.78	0	-0.62	-1.88
K18		0	0.01	-1.98	0	0.68	-2.05	0	-0.01	1.98	0	-0.09	-3.29
P01		0	-11.22	0	68.47	0	0	0	11.22	0	-38.18	0	0
P02		0	-11.22	0	68.47	0	0	0	11.22	0	-38.18	0	0
P03		0	-10.37	0	68.97	0	0	0	10.37	0	-40.97	0	0
P04		0	-10.37	0	68.97	0	0	0	10.37	0	-40.97	0	0
S01		-0.01	-1.57	6.45	3.89	-0.01	0	0.01	1.57	-6.45	0.33	-0.02	0
S02		-0.01	-1.77	9.26	4.04	-0.01	0	0.01	1.77	-9.26	0.76	-0.01	0
S03		-0.01	-1.51	6.49	3.84	-0.01	0	0.01	1.51	-6.49	0.24	-0.01	0
S04		0.1	-0.73	-4.21	1.08	0.07	0	-0.1	0.73	4.21	0.89	0.2	0
S05		0	-2.21	-5.2	4.35	0	0	0	2.21	5.2	1.62	-0.01	0
S06		-0.15	-0.72	-4.7	1.07	-0.11	0	0.15	0.72	4.7	0.88	-0.29	0
S07		0	-0.55	0.01	0.92	0.01	0	0	0.55	-0.01	0.57	0	0
S08		0	-0.8	0	1.12	0	0	0	0.8	0	1.05	0	0
S09		0	-0.55	-0.01	0.92	0.01	0	0	0.55	0.01	0.56	0	0
S10		-0.1	-0.73	4.2	1.08	-0.06	0	0.1	0.73	-4.2	0.89	-0.21	0
S11		0	-2.16	4.74	4.31	0.01	0	0	2.16	-4.74	1.51	0.01	0
S12		0.14	-0.69	4.13	1.04	0.11	0	-0.14	0.69	-4.13	0.83	0.26	0
S13		0.01	-1.57	-6.43	3.89	0.01	0	-0.01	1.57	6.43	0.33	0.02	0
S14		0.01	-1.71	-8.8	3.99	0.01	0	-0.01	1.71	8.8	0.63	0.01	0
S15		0.01	-1.44	-5.94	3.78	0.01	0	-0.01	1.44	5.94	0.09	0.01	0

Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K03		0.43	0	0.01	0	0.02	0.07	-0.43	0	-0.01	0	-0.07	-0.08
K04		-0.43	0	-0.08	0	0.13	-0.09	0.43	0	0.08	0	0.15	0.07
K05		0	0	0	0	-0.01	-0.01	0	0	0	0	0	0.01
K06		0	0	0	0	0	0.02	0	0	0	0	-0.01	-0.02
K07		-0.43	0	-0.02	0	-0.01	0.07	0.43	0	0.02	0	0.08	-0.08
K08		0.38	0	0.08	0	-0.13	-0.08	-0.38	0	-0.08	0	-0.15	0.06
K09		0	0	0	0	-0.04	-0.02	0	0	0	0	0.03	0.02
K10		0	0	0.06	0	-0.12	-0.01	0	0	-0.06	0	-0.11	0.01
K11		0	0.52	-0.86	0	0	-1.8	0	-0.52	0.86	0	0.21	-0.56
K12		0	-0.52	-0.86	0	-0.22	-0.56	0	0.52	0.86	0	0	-1.8
K13		0	0	-1.24	0	0	-2.07	0	0	1.24	0	0	-1.64
K14		0	0	-0.88	0	0	-1.86	0	0	0.88	0	0	-1.29
K15		0	0	-0.89	0	0	-1.32	0	0	0.89	0	0	-1.89
K16		0	0	-1.26	0	0	-1.65	0	0	1.26	0	0	-2.14
K17		0	-0.45	-0.73	0	0	-1.49	0	0.45	0.73	0	-0.19	-0.53
K18		0	0.52	-0.77	0	0.2	-0.51	0	-0.52	0.77	0	-0.01	-1.61
P01		0	-1.77	0	4.79	0	0	0	1.77	0	0	0	0
P02		0	-1.77	0	4.78	0	0	0	1.77	0	0	0	0
P03		0	-1.1	0	2.97	0	0	0	1.1	0	0	0	0
P04		0	-1.1	0	2.97	0	0	0	1.1	0	0	0	0
S01		-0.02	-1.22	0.86	1.47	-0.02	-0.01	0.02	1.22	-0.86	1.81	-0.03	0.01
S02		-0.07	-1.48	1.19	1.86	-0.09	-0.01	0.07	1.48	-1.19	2.13	-0.1	0.01
S03		-0.08	-1.07	0.84	1.3	-0.1	-0.01	0.08	1.07	-0.84	1.6	-0.11	0.01
S04		0.06	-0.72	-0.59	0.96	0.09	-0.01	-0.06	0.72	0.59	0.98	0.07	0.01
S05		-0.04	-2.6	-0.46	3.32	-0.06	-0.01	0.04	2.6	0.46	3.7	-0.06	0.01
S06		-0.21	-0.64	-0.47	0.86	-0.26	-0.01	0.21	0.64	0.47	0.87	-0.3	0.01
S07		0	-0.68	0	0.89	0	-0.01	0	0.68	0	0.95	0	0.01
S08		0	-1.83	-0.01	2.37	0	-0.01	0	1.83	0.01	2.58	0.01	0.01
S09		0	-0.61	-0.02	0.79	0	-0.01	0	0.61	0.02	0.85	0	0.01
S10		-0.07	-0.72	0.59	0.96	-0.1	-0.01	0.07	0.72	-0.59	0.98	-0.08	0.01
S11		0.04	-2.56	0.46	3.26	0.05	-0.01	-0.04	2.56	-0.46	3.66	0.05	0.01
S12		0.2	-0.64	0.45	0.86	0.25	-0.01	-0.2	0.64	-0.45	0.88	0.29	0.01
S13		0.02	-1.22	-0.86	1.47	0.03	-0.01	-0.02	1.22	0.86	1.82	0.03	0.01
S14		0.07	-1.42	-1.18	1.77	0.09	-0.01	-0.07	1.42	1.18	2.06	0.1	0.01
S15		0.07	-0.98	-0.8	1.17	0.1	-0.01	-0.07	0.98	0.8	1.48	0.11	0.01
K01	2. KAT	0	0	-0.02	0	0.06	-0.03	0	0	0.02	0	-0.01	0.03
K02		0	0	-0.09	0	0.18	-0.02	0	0	0.09	0	0.18	0.02
K03		0.22	0	0.03	0	0	0.11	-0.22	0	-0.03	0	-0.1	-0.11
K04		-0.22	0	-0.14	0	0.21	-0.14	0.22	0	0.14	0	0.27	0.11
K05		0	0	0	0	-0.01	-0.01	0	0	0	0	-0.01	0.01
K06		0	0	0	0	-0.01	0	0	0	0	0	-0.01	0
K07		-0.22	0	-0.03	0	0.01	0.11	0.22	0	0.03	0	0.11	-0.12
K08		0.2	0	0.14	0	-0.22	-0.12	-0.2	0	-0.14	0	-0.27	0.08
K09		0	0	0.03	0	-0.08	-0.03	0	0	-0.03	0	-0.02	0.03
K10		0	0	0.08	0	-0.16	-0.01	0	0	-0.08	0	-0.16	0.01
K11		0	0.27	-1.49	0	0	-2.83	0	-0.27	1.49	0	0.37	-1.27
K12		0	-0.27	-1.49	0	-0.37	-1.27	0	0.27	1.49	0	0	-2.83
K13		0	0	-2.18	0	0	-3.46	0	0	2.18	0	0	-3.09
K14		0	0	-1.46	0	0	-2.92	0	0	1.46	0	0	-2.32
K15		0	0	-1.45	0	0	-2.32	0	0	1.45	0	0	-2.91
K16		0	0	-2.29	0	0	-3.23	0	0	2.29	0	0	-3.64
K17		0	-0.24	-1.23	0	0	-2.28	0	0.24	1.23	0	-0.31	-1.12
K18		0	0.27	-1.34	0	0.34	-1.15	0	-0.27	1.34	0	0	-2.53
P01		-0.01	-7.25	0	24.37	-0.02	0	0.01	7.25	0	-4.79	0	0
P02		0.01	-7.25	0	24.37	0.03	0	-0.01	7.25	0	-4.78	0	0
P03		-0.01	-5.5	0	17.81	-0.02	0	0.01	5.5	0	-2.97	0	0
P04		0.01	-5.5	0	17.81	0.03	0	-0.01	5.5	0	-2.97	0	0
S01		-0.04	-1.14	2.34	1.7	-0.07	-0.01	0.04	1.14	-2.34	1.39	-0.04	0.01
S02		-0.06	-1.38	3.4	1.96	-0.08	-0.01	0.06	1.38	-3.4	1.77	-0.08	0.01
S03		-0.05	-0.97	2.27	1.4	-0.06	-0.01	0.05	0.97	-2.27	1.22	-0.07	0.01
S04		0.07	-0.69	-1.65	0.93	0.08	-0.01	-0.07	0.69	1.65	0.94	0.12	0.01
S05		-0.04	-2.31	-1.46	3.15	-0.05	-0.01	0.04	2.31	1.46	3.07	-0.05	0.01
S06		-0.24	-0.62	-1.31	0.84	-0.37	-0.01	0.24	0.62	1.31	0.84	-0.27	0.01
S07		0	-0.57	0.01	0.75	0	-0.01	0	0.57	-0.01	0.78	0	0.01
S08		0	-1.71	-0.01	2.35	0.01	-0.01	0	1.71	0.01	2.26	0.01	0.01
S09		0	-0.5	-0.03	0.66	0	-0.01	0	0.5	0.03	0.7	0	0.01
S10		-0.08	-0.69	1.64	0.93	-0.09	-0.01	0.08	0.69	-1.64	0.93	-0.12	0.01
S11		0.04	-2.25	1.35	3.07	0.05	-0.01	-0.04	2.25	-1.35	3	0.05	0.01
S12		0.23	-0.61	1.18	0.82	0.36	-0.01	-0.23	0.61	-1.18	0.83	0.26	0.01
S13		0.04	-1.14	-2.32	1.7	0.07	-0.01	-0.04	1.14	2.32	1.39	0.05	0.01
S14		0.06	-1.31	-3.3	1.87	0.08	-0.01	-0.06	1.31	3.3	1.67	0.08	0.01
S15		0.05	-0.88	-2.11	1.29	0.06	-0.01	-0.05	0.88	2.11	1.09	0.07	0.01
K01	1. KAT	0	0	0.04	0	-0.09	0	0	0	-0.04	0	-0.08	0
K02		0	0	-0.11	0	0.19	-0.03	0	0	0.11	0	0.22	0.03
K03		0.04	0	0.03	0	-0.02	0.1	-0.04	0	-0.03	0	-0.1	-0.11

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K06		0	0	0	0	-0.01	0.06	0	0	0	0	-0.01	-0.06
K07		-0.04	0	-0.04	0	0.03	0.1	0.04	0	0.04	0	0.11	-0.12
K08		0.04	0	0.1	0	-0.18	-0.11	-0.04	0	-0.1	0	-0.18	0.08
K09		0	0	-0.03	0	0.07	0	0	0	0.03	0	0.06	0
K10		0	0	0.1	0	-0.17	-0.03	0	0	-0.1	0	-0.2	0.03
K11		0	0.05	-2.12	0	-0.08	-3.7	0	-0.05	2.12	0	0.72	-2.02
K12		0	-0.05	-2.12	0	-0.72	-2.02	0	0.05	2.12	0	0.09	-3.69
K13		0	0	-2.99	0	0	-4.64	0	0	2.99	0	0	-4.33
K14		0	0	-1.51	0	0	-3.07	0	0	1.51	0	0	-2.2
K15		0	0	-1.5	0	0	-2.2	0	0	1.5	0	0	-3.05
K16		0	0	-3.17	0	0	-4.57	0	0	3.17	0	0	-4.93
K17		0	-0.05	-1.86	0	0.08	-3.19	0	0.05	1.86	0	-0.64	-1.84
K18		0	0.05	-2.04	0	0.7	-1.96	0	-0.05	2.04	0	-0.08	-3.55
P01		0.01	-6.11	0	40.88	0	0	-0.01	6.11	0	-24.37	0.02	0
P02		-0.01	-6.11	0	40.88	0	0	0.01	6.11	0	-24.37	-0.03	0
P03		0.01	-7.57	0	38.26	0	0	-0.01	7.57	0	-17.81	0.02	0
P04		-0.01	-7.57	0	38.26	0	0	0.01	7.57	0	-17.81	-0.03	0
S01		-0.03	-1.78	4.5	3.04	-0.05	-0.01	0.03	1.78	-4.5	1.76	-0.05	0.01
S02		-0.02	-2.35	6.41	3.7	-0.04	-0.01	0.02	2.35	-6.41	2.65	-0.03	0.01
S03		0.01	-1.8	4.42	2.95	0	-0.01	-0.01	1.8	-4.42	1.9	0.03	0.01
S04		0.35	-1.42	-3.23	1.9	0.36	-0.01	-0.35	1.42	3.23	1.93	0.59	0.01
S05		-0.01	-3.75	-3.25	5.26	-0.02	-0.01	0.01	3.75	3.25	4.86	-0.02	0.01
S06		-0.32	-1.39	-2.79	1.86	-0.44	-0.01	0.32	1.39	2.79	1.89	-0.44	0.01
S07		0	-1.02	0.01	1.39	0.01	-0.01	0	1.02	-0.01	1.36	0	0.01
S08		0	-1.46	-0.01	2	0.01	0	0	1.46	0.01	1.93	0.01	0
S09		0	-0.99	-0.02	1.35	0.01	-0.01	0	0.99	0.02	1.33	0	0.01
S10		-0.36	-1.42	3.22	1.9	-0.36	-0.01	0.36	1.42	-3.22	1.93	-0.6	0.01
S11		0.01	-3.63	2.98	5.1	0.02	-0.01	-0.01	3.63	-2.98	4.69	0.02	0.01
S12		0.3	-1.34	2.47	1.79	0.41	-0.01	-0.3	1.34	-2.47	1.83	0.4	0.01
S13		0.04	-1.78	-4.47	3.04	0.06	-0.01	-0.04	1.78	4.47	1.77	0.06	0.01
S14		0.03	-2.22	-6.16	3.53	0.04	-0.01	-0.03	2.22	6.16	2.46	0.03	0.01
S15		-0.01	-1.63	-4.07	2.74	0	-0.01	0.01	1.63	4.07	1.67	-0.04	0.01
K01	ZEMİN KAT	0	0	0.03	0	-0.05	0	0	0	-0.03	0	-0.05	0
K02		0	0	-0.04	0	0.07	-0.01	0	0	0.04	0	0.08	0.01
K03		0	0	0.08	0	-0.14	0.08	0	0	-0.08	0	-0.15	-0.1
K04		0	0	-0.08	0	0.15	-0.1	0	0	0.08	0	0.14	0.08
K05		0	0	0	0	-0.01	-0.08	0	0	0	0	0	0.08
K06		0	0	0	0	0	0.08	0	0	0	0	-0.01	-0.08
K07		0	0	-0.09	0	0.15	0.08	0	0	0.09	0	0.15	-0.1
K08		0	0	0.09	0	-0.16	-0.09	0	0	-0.09	0	-0.15	0.06
K09		0	0	-0.02	0	0.04	0	0	0	0.02	0	0.04	0
K10		0	0	0.04	0	-0.07	-0.01	0	0	-0.04	0	-0.07	0.01
K11		0	-0.01	-1.98	0	-0.09	-3.29	0	0.01	1.98	0	0.68	-2.05
K12		0	0.01	-1.98	0	-0.68	-2.05	0	-0.01	1.98	0	0.09	-3.29
K13		0	0	-2.72	0	0	-4.16	0	0	2.72	0	0	-4.01
K14		0	0	-1.15	0	0	-2.41	0	0	1.15	0	0	-1.61
K15		0	0	-1.14	0	0	-1.61	0	0	1.14	0	0	-2.39
K16		0	0	-2.92	0	0	-4.29	0	0	2.92	0	0	-4.46
K17		0	0	-1.78	0	0.08	-2.92	0	0	1.78	0	-0.62	-1.88
K18		0	-0.01	-1.98	0	0.68	-2.05	0	0.01	1.98	0	-0.09	-3.29
P01		0	-10.41	0	68.98	0	0	0	10.41	0	-40.88	0	0
P02		0	-10.41	0	68.98	0	0	0	10.41	0	-40.88	0	0
P03		0	-11.18	0	68.45	0	0	0	11.18	0	-38.26	0	0
P04		0	-11.18	0	68.45	0	0	0	11.18	0	-38.26	0	0
S01		0.01	-1.51	6.5	3.84	0.01	0	-0.01	1.51	-6.5	0.25	0.01	0
S02		0.01	-1.77	9.26	4.04	0.01	0	-0.01	1.77	-9.26	0.76	0.01	0
S03		0.01	-1.56	6.43	3.89	0.01	0	-0.01	1.56	-6.43	0.33	0.02	0
S04		0.15	-0.72	-4.67	1.07	0.12	0	-0.15	0.72	4.67	0.88	0.28	0
S05		0.01	-2.21	-5.19	4.35	0.01	0	-0.01	2.21	5.19	1.62	0.01	0
S06		-0.1	-0.73	-4.24	1.08	-0.06	0	0.1	0.73	4.24	0.89	-0.21	0
S07		0	-0.55	0.01	0.92	0.01	0	0	0.55	-0.01	0.56	0	0
S08		0	-0.8	0	1.12	0	0	0	0.8	0	1.05	0	0
S09		0	-0.55	-0.01	0.92	0.01	0	0	0.55	0.01	0.57	0	0
S10		-0.15	-0.72	4.66	1.07	-0.11	0	0.15	0.72	-4.66	0.88	-0.29	0
S11		-0.01	-2.16	4.73	4.31	-0.01	0	0.01	2.16	-4.73	1.51	-0.01	0
S12		0.09	-0.7	3.7	1.05	0.06	0	-0.09	0.7	-3.7	0.84	0.18	0
S13		0	-1.51	-6.47	3.84	0	0	0	1.51	6.47	0.25	-0.01	0
S14		-0.01	-1.71	-8.83	3.99	-0.01	0	0.01	1.71	8.83	0.63	-0.01	0
S15		-0.01	-1.49	-5.89	3.83	-0.01	0	0.01	1.49	5.89	0.18	-0.02	0

Yüklemeye 5 G DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	-2.12	0	0.3	-0.52	0	0	-1.96	0	0.02	-0.5
K02		0	0	-1.96	0	-0.01	-0.5	0	0	-2.12	0	-0.3	-0.52

ELEMAN UÇ KUVVETLERİ (GLOBAL)

Yükleme 5 G DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K05		0	0	-3.41	0	2.34	-0.01	0	0	-1.47	0	1.18	0.01
K06		0	0	-1.48	0	-1.16	0	0	0	-3.4	0	-2.32	0
K07		0.01	0	-2.94	0	1.53	-0.05	-0.01	0	-1.93	0	0.49	0.53
K08		-0.01	0	-1.37	0	-0.54	0.37	0.01	0	-2.31	0	-1.41	-0.03
K09		0	0	-2.08	0	0.23	0.51	0	0	-2	0	-0.06	0.51
K10		0	0	-1.31	0	0	0.34	0	0	-1.44	0	-0.24	0.35
K11		0	-0.01	-1.41	0	0	-0.64	0	0.01	-1.08	0	-0.28	-0.01
K12		0	0.01	-1.06	0	-0.26	0.03	0	-0.01	-1.43	0	-0.01	0.68
K13		0	0	-1.72	0	0	-1.21	0	0	-0.75	0	0	-0.12
K14		0	0	-2.85	0	0.01	-1.48	0	0	-2.03	0	-0.01	0
K15		0	0	-2.06	0	0	-0.05	0	0	-2.82	0	0	1.45
K16		0	0	-1.07	0	0	0.03	0	0	-2.17	0	0	1.36
K17		0	0.01	-0.95	0	0	-0.48	0	-0.01	-0.76	0	0.19	0.01
K18		0	-0.01	-1.07	0	0.26	0.02	0	0.01	-1.42	0	0.01	0.67
P01		0	0.05	-8.64	-0.14	0	0	0	-0.05	8.64	0	0	0
P02		0	0.05	-8.64	-0.14	0	0	0	-0.05	8.64	0	0	0
P03		0	0.02	-8.64	-0.06	0	0	0	-0.02	8.64	0	0	0
P04		0	0.02	-8.64	-0.06	0	0	0	-0.02	8.64	0	0	0
S01		-0.2	0.12	-5.25	-0.16	-0.25	0	0.2	-0.12	5.25	-0.18	-0.29	0
S02		0	0.27	-7.86	-0.33	0	0	0	-0.27	7.86	-0.4	0	0
S03		0.19	0.12	-5.24	-0.15	0.25	0	-0.19	-0.12	5.24	-0.17	0.28	0
S04		-0.96	-0.01	-5.83	0.01	-1.11	0	0.96	0.01	5.83	0.01	-1.47	0
S05		0	0.37	-9.44	-0.47	-0.01	0	0	-0.37	9.44	-0.53	-0.01	0
S06		0.94	-0.01	-5.84	0.01	1.09	0	-0.94	0.01	5.84	0.01	1.45	0
S07		-1.36	0	-5.3	-0.01	-1.6	0	1.36	0	5.3	-0.01	-2.07	0
S08		-0.01	-0.03	-8.81	0.04	-0.01	0	0.01	0.03	8.81	0.04	-0.01	0
S09		1.35	-0.02	-5.23	0.03	1.59	0	-1.35	0.02	5.23	0.03	2.05	0
S10		-0.87	0.02	-5.78	-0.02	-1.01	0	0.87	-0.02	5.78	-0.02	-1.34	0
S11		0.03	-0.52	-8.7	0.64	0.04	0	-0.03	0.52	8.7	0.75	0.04	0
S12		0.85	-0.02	-4.78	0.03	0.98	0	-0.85	0.02	4.78	0.03	1.32	0
S13		-0.16	-0.1	-5.19	0.13	-0.2	0	0.16	0.1	5.19	0.15	-0.23	0
S14		0.03	-0.26	-6.73	0.32	0.04	0	-0.03	0.26	6.73	0.39	0.05	0
S15		0.16	-0.09	-4	0.12	0.21	0	-0.16	0.09	4	0.13	0.24	0
K01	2. KAT	0	0	-2.16	0	0.44	-0.54	0	0	-1.91	0	0.05	-0.48
K02		0	0	-1.92	0	-0.04	-0.48	0	0	-2.16	0	-0.43	-0.54
K03		0	0	-3.12	0	2	0.02	0	0	-1.75	0	0.68	-0.46
K04		0	0	-1.76	0	-0.66	-0.46	0	0	-3.11	0	-1.97	0.02
K05		0	0	-3.62	0	2.87	0	0	0	-1.26	0	1.41	0
K06		0	0	-1.27	0	-1.38	0	0	0	-3.61	0	-2.84	0
K07		0	0	-3.04	0	1.83	-0.03	0	0	-1.83	0	0.56	0.49
K08		0	0	-1.28	0	-0.63	0.33	0	0	-2.41	0	-1.67	-0.02
K09		0	0	-2.11	0	0.34	0.52	0	0	-1.97	0	-0.05	0.5
K10		0	0	-1.28	0	-0.03	0.32	0	0	-1.47	0	-0.34	0.36
K11		0	0	-1.41	0	-0.01	-0.66	0	0	-1.08	0	-0.26	0.01
K12		0	0	-1.05	0	-0.24	0.02	0	0	-1.44	0	-0.02	0.71
K13		0	0	-1.76	0	0	-1.25	0	0	-0.71	0	0	-0.19
K14		0	0	-2.93	0	0.01	-1.68	0	0	-1.95	0	-0.01	-0.13
K15		0	0	-1.99	0	0	0.06	0	0	-2.89	0	0	1.6
K16		0	0	-1.05	0	0	0.05	0	0	-2.18	0	0	1.39
K17		0	0	-0.96	0	0.01	-0.51	0	0	-0.74	0	0.17	0
K18		0	0	-1.06	0	0.24	0.01	0	0	-1.43	0	0.02	0.7
P01		0	0.04	-17.29	-0.24	0	0	0	-0.04	17.29	0.14	0	0
P02		0	0.04	-17.29	-0.24	0	0	0	-0.04	17.29	0.14	0	0
P03		0	0.03	-17.29	-0.13	0	0	0	-0.03	17.29	0.06	0	0
P04		0	0.03	-17.29	-0.13	0	0	0	-0.03	17.29	0.06	0	0
S01		-0.09	-0.02	-10.55	0.1	-0.08	0	0.09	0.02	10.55	-0.04	-0.15	0
S02		0	0.01	-15.66	0.09	0	0	0	-0.01	15.66	-0.13	0	0
S03		0.08	-0.02	-10.53	0.1	0.08	0	-0.08	0.02	10.53	-0.04	0.15	0
S04		-0.39	-0.02	-11.76	0.04	-0.39	0	0.39	0.02	11.76	0.02	-0.67	0
S05		0	0.16	-18.7	-0.13	-0.01	0	0	-0.16	18.7	-0.31	-0.01	0
S06		0.38	-0.02	-11.78	0.04	0.38	0	-0.38	0.02	11.78	0.02	0.65	0
S07		-0.69	0	-10.8	0	-0.79	0	0.69	0	10.8	0	-1.07	0
S08		-0.01	-0.02	-17.05	0.02	-0.01	0	0.01	0.02	17.05	0.03	-0.01	0
S09		0.69	-0.01	-10.66	0.02	0.78	0	-0.69	0.01	10.66	0.02	1.07	0
S10		-0.34	0.03	-11.66	-0.05	-0.34	0	0.34	-0.03	11.66	-0.03	-0.59	0
S11		0.02	-0.25	-17.26	0.24	0.02	0	-0.02	0.25	17.26	0.44	0.03	0
S12		0.33	0.01	-9.65	-0.02	0.32	0	-0.33	-0.01	9.65	0.01	0.57	0
S13		-0.06	0.03	-10.41	-0.12	-0.05	0	0.06	-0.03	10.41	0.03	-0.11	0
S14		0.02	-0.02	-13.43	-0.08	0.02	0	-0.02	0.02	13.43	0.13	0.03	0
S15		0.07	0.03	-8.06	-0.09	0.06	0	-0.07	-0.03	8.06	0.03	0.12	0
K01	1. KAT	0	0	-2.19	0	0.84	-0.77	0	0	-1.71	0	0.07	-0.6
K02		0	0	-1.72	0	-0.06	-0.6	0	0	-2.19	0	-0.82	-0.77
K03		0	0	-3.03	0	2.36	-0.13	0	0	-1.48	0	0.59	-0.54
K04		0	0	-1.49	0	-0.58	-0.54	0	0	-3.02	0	-2.33	-0.13
K05		0	0	-3.61	0	3.45	0	0	0	-0.89	0	1.56	0

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 5 G DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K08		0	0	-1.07	0	-0.56	0.39	0	0	-2.27	0	-1.9	0.1
K09		0	0	-2.14	0	0.73	0.75	0	0	-1.77	0	-0.04	0.62
K10		0	0	-1.14	0	-0.07	0.4	0	0	-1.49	0	-0.6	0.52
K11		0	0	-1.62	0	-0.07	-1.27	0	0	-0.59	0	-0.22	-0.4
K12		0	0	-0.55	0	-0.2	0.44	0	0	-1.66	0	-0.08	1.33
K13		0	0	-1.98	0	0	-1.87	0	0	-0.25	0	0	-0.66
K14		0	0	-3.05	0	0.01	-2.45	0	0	-1.46	0	-0.01	-0.58
K15		0	0	-1.49	0	0	0.53	0	0	-3.02	0	0	2.41
K16		0	0	-0.48	0	0	0.62	0	0	-2.43	0	0	2.16
K17		0	0	-1.16	0	0.05	-0.96	0	0	-0.39	0	0.14	-0.32
K18		0	0	-0.56	0	0.2	0.44	0	0	-1.65	0	0.08	1.33
P01		0	0.03	-25.57	-0.33	0	0	0	-0.03	25.57	0.24	0	0
P02		0	0.03	-25.57	-0.33	0	0	0	-0.03	25.57	0.24	0	0
P03		0	0.05	-25.57	-0.27	0	0	0	-0.05	25.57	0.13	0	0
P04		0	0.05	-25.57	-0.27	0	0	0	-0.05	25.57	0.13	0	0
S01		-0.11	-0.12	-17.32	0.01	-0.18	0	0.11	0.12	17.32	0.32	-0.11	0
S02		0	-0.16	-24.59	0.04	-0.01	0	0	0.16	24.59	0.39	-0.01	0
S03		0.1	-0.12	-17.29	0.01	0.17	0	-0.1	0.12	17.29	0.31	0.1	0
S04		-0.47	-0.09	-18.39	0.1	-0.71	0	0.47	0.09	18.39	0.14	-0.55	0
S05		-0.01	0.11	-28.28	-0.21	-0.01	0	0.01	-0.11	28.28	-0.08	-0.01	0
S06		0.45	-0.09	-18.4	0.1	0.68	0	-0.45	0.09	18.4	0.14	0.53	0
S07		-0.96	0.01	-17.48	-0.01	-1.27	0	0.96	-0.01	17.48	-0.01	-1.33	0
S08		0	-0.01	-23.58	0.01	-0.01	0	0	0.01	23.58	0.02	0	0
S09		0.96	-0.02	-17.28	0.02	1.24	0	-0.96	0.02	17.28	0.03	1.34	0
S10		-0.41	0.1	-18.24	-0.12	-0.65	0	0.41	-0.1	18.24	-0.16	-0.45	0
S11		0.04	-0.25	-26.28	0.37	0.05	0	-0.04	0.25	26.28	0.31	0.05	0
S12		0.37	0.05	-15.29	-0.05	0.55	0	-0.37	-0.05	15.29	-0.08	0.44	0
S13		-0.07	0.14	-17.08	-0.05	-0.14	0	0.07	-0.14	17.08	-0.33	-0.05	0
S14		0.04	0.16	-21.21	-0.08	0.05	0	-0.04	-0.16	21.21	-0.35	0.05	0
S15		0.08	0.12	-13.41	-0.05	0.14	0	-0.08	-0.12	13.41	-0.27	0.08	0
K01	ZEMİN KAT	0	0	-2.01	0	0.46	-0.7	0	0	-1.89	0	-0.24	-0.66
K02		0	0	-1.9	0	0.25	-0.66	0	0	-2.01	0	-0.45	-0.7
K03		0	0	-2.69	0	1.69	-0.12	0	0	-1.83	0	0.06	-0.65
K04		0	0	-1.83	0	-0.05	-0.65	0	0	-2.68	0	-1.67	-0.12
K05		0	0	-3.02	0	2.34	0	0	0	-1.49	0	0.59	0
K06		0	0	-1.5	0	-0.58	0	0	0	-3.01	0	-2.33	0
K07		0	0	-2.65	0	1.6	0.12	0	0	-1.87	0	0.01	0.67
K08		0	0	-1.37	0	-0.09	0.49	0	0	-1.97	0	-1.32	0.09
K09		0	0	-1.98	0	0.39	0.69	0	0	-1.92	0	-0.29	0.67
K10		0	0	-1.28	0	0.16	0.45	0	0	-1.36	0	-0.32	0.48
K11		0	0	-1.22	0	-0.07	-0.67	0	0	-0.99	0	-0.34	0.08
K12		0	0	-0.97	0	-0.33	-0.05	0	0	-1.25	0	-0.07	0.71
K13		0	0	-1.46	0	0	-1.06	0	0	-0.77	0	0	0.1
K14		0	0	-2.71	0	0	-1.81	0	0	-1.8	0	0	-0.04
K15		0	0	-1.81	0	0	0.02	0	0	-2.7	0	0	1.79
K16		0	0	-1.07	0	0	-0.23	0	0	-1.84	0	0	1.25
K17		0	0	-0.86	0	0.05	-0.5	0	0	-0.69	0	0.24	0.05
K18		0	0	-0.97	0	0.33	-0.05	0	0	-1.24	0	0.07	0.71
P01		0	0	-33.84	-0.32	0	0	0	0	33.84	0.33	0	0
P02		0	0	-33.84	-0.32	0	0	0	0	33.84	0.33	0	0
P03		0	0.02	-33.84	-0.34	0	0	0	-0.02	33.84	0.27	0	0
P04		0	0.02	-33.84	-0.34	0	0	0	-0.02	33.84	0.27	0	0
S01		-0.09	0.05	-23.49	-0.05	-0.08	0	0.09	-0.05	23.49	-0.09	-0.16	0
S02		0	0.05	-33.3	-0.05	0	0	0	-0.05	33.3	-0.09	0	0
S03		0.09	0.05	-23.45	-0.05	0.08	0	-0.09	-0.05	23.45	-0.09	0.16	0
S04		-0.29	-0.02	-25.06	0.02	-0.22	0	0.29	0.02	25.06	0.04	-0.57	0
S05		0	0.1	-38.81	-0.08	0	0	0	-0.1	38.81	-0.18	0	0
S06		0.29	-0.02	-25.07	0.02	0.2	0	-0.29	0.02	25.07	0.04	0.58	0
S07		-0.45	0	-23.6	0	-0.33	0	0.45	0	23.6	0	-0.88	0
S08		0	0	-31.96	0	0	0	0	0	31.96	0.01	0	0
S09		0.45	0	-23.38	0	0.32	0	-0.45	0	23.38	0.01	0.89	0
S10		-0.27	0.03	-24.89	-0.02	-0.2	0	0.27	-0.03	24.89	-0.05	-0.54	0
S11		0.02	-0.16	-36.11	0.1	0.02	0	-0.02	0.16	36.11	0.32	0.04	0
S12		0.24	0.01	-20.91	-0.01	0.17	0	-0.24	-0.01	20.91	-0.01	0.48	0
S13		-0.08	-0.05	-23.2	0.02	-0.07	0	0.08	0.05	23.2	0.11	-0.14	0
S14		0.02	-0.04	-28.76	0.01	0.02	0	-0.02	0.04	28.76	0.08	0.04	0
S15		0.07	-0.03	-18.33	0.01	0.06	0	-0.07	0.03	18.33	0.08	0.14	0

Yükleme 6 Q DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K01	3. KAT	0	0	-0.32	0	0.06	-0.07	0	0	-0.27	0	0.03	-0.07
K02		0	0	-0.27	0	-0.03	-0.07	0	0	-0.32	0	-0.05	-0.07
K03		0	0	-0.71	0	0.39	0.01	0	0	-0.4	0	0.13	-0.11
K04		0	0	-0.41	0	-0.13	-0.11	0	0	-0.71	0	-0.38	0

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yükleme 6 Q DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K07		0	0	-0.69	0	0.32	-0.01	0	0	-0.43	0	0.1	0.12
K08		0	0	-0.18	0	-0.12	0.05	0	0	-0.41	0	-0.27	0
K09		0	0	-0.3	0	0.03	0.07	0	0	-0.29	0	0	0.08
K10		0	0	0.01	0	-0.03	0	0	0	-0.01	0	-0.03	0
K11		0	-0.01	-0.24	0	0.01	-0.14	0	0.01	-0.11	0	-0.04	-0.03
K12		0	0.01	-0.1	0	-0.03	0.04	0	-0.01	-0.25	0	0	0.16
K13		0	0	-0.32	0	0	-0.28	0	0	-0.02	0	0	-0.12
K14		0	0	-0.69	0	0.01	-0.34	0	0	-0.46	0	-0.01	-0.01
K15		0	0	-0.47	0	0	-0.01	0	0	-0.68	0	0	0.32
K16		0	0	-0.16	0	0	0.08	0	0	-0.52	0	0	0.34
K17		0	0	-0.03	0	-0.01	-0.07	0	0	0.03	0	0	-0.02
K18		0	-0.01	-0.11	0	0.03	0.03	0	0.01	-0.24	0	0	0.15
P01		0	0.02	-0.65	-0.06	0	0	0	-0.02	0.65	0	0	0
P02		0	0.02	-0.65	-0.06	0	0	0	-0.02	0.65	0	0	0
P03		0	0.01	-0.65	-0.02	0	0	0	-0.01	0.65	0	0	0
P04		0	0.01	-0.65	-0.02	0	0	0	-0.01	0.65	0	0	0
S01		-0.04	0.06	-0.6	-0.07	-0.05	0	0.04	-0.06	0.6	-0.09	-0.05	0
S02		0	0.14	-1.14	-0.17	0	0	0	-0.14	1.14	-0.22	0	0
S03		0.04	0.06	-0.59	-0.07	0.05	0	-0.04	-0.06	0.59	-0.09	0.05	0
S04		-0.23	0.02	-0.89	-0.02	-0.27	0	0.23	-0.02	0.89	-0.02	-0.36	0
S05		0	0.14	-1.73	-0.18	0	0	0	-0.14	1.73	-0.21	0	0
S06		0.22	0.02	-0.89	-0.02	0.26	0	-0.22	-0.02	0.89	-0.02	0.34	0
S07		-0.3	0	-0.9	0	-0.35	0	0.3	0	0.9	0	-0.46	0
S08		0	-0.01	-1.67	0.02	0	0	0	0.01	1.67	0.02	0	0
S09		0.29	-0.01	-0.87	0.01	0.34	0	-0.29	0.01	0.87	0.01	0.45	0
S10		-0.19	-0.01	-0.87	0.01	-0.22	0	0.19	0.01	0.87	0.01	-0.3	0
S11		0.01	-0.21	-1.4	0.26	0.02	0	-0.01	0.21	1.4	0.31	0.02	0
S12		0.19	-0.03	-0.43	0.04	0.21	0	-0.19	0.03	0.43	0.04	0.29	0
S13		-0.02	-0.05	-0.57	0.06	-0.03	0	0.02	0.05	0.57	0.08	-0.03	0
S14		0.02	-0.14	-0.63	0.17	0.02	0	-0.02	0.14	0.63	0.21	0.02	0
S15		0.02	-0.04	-0.05	0.05	0.03	0	-0.02	0.04	0.05	0.07	0.03	0
K01	2. KAT	0	0	-0.33	0	0.09	-0.08	0	0	-0.26	0	0.04	-0.07
K02		0	0	-0.27	0	-0.03	-0.07	0	0	-0.32	0	-0.08	-0.08
K03		0	0	-0.74	0	0.47	0	0	0	-0.37	0	0.16	-0.1
K04		0	0	-0.38	0	-0.15	-0.1	0	0	-0.74	0	-0.45	0
K05		0	0	-0.85	0	0.64	0	0	0	-0.3	0	0.29	0
K06		0	0	-0.31	0	-0.27	0	0	0	-0.84	0	-0.62	0
K07		0	0	-0.71	0	0.4	-0.01	0	0	-0.41	0	0.11	0.11
K08		0	0	-0.15	0	-0.15	0.04	0	0	-0.43	0	-0.33	0
K09		0	0	-0.31	0	0.04	0.07	0	0	-0.28	0	0	0.07
K10		0	0	0.02	0	-0.04	0	0	0	-0.02	0	-0.04	0
K11		0	0	-0.25	0	0	-0.16	0	0	-0.1	0	-0.03	-0.04
K12		0	0	-0.09	0	-0.02	0.05	0	0	-0.26	0	0	0.19
K13		0	0	-0.36	0	0	-0.34	0	0	0.02	0	0	-0.18
K14		0	0	-0.72	0	0	-0.4	0	0	-0.43	0	0	-0.05
K15		0	0	-0.45	0	0	0.02	0	0	-0.7	0	0	0.37
K16		0	0	-0.13	0	0	0.12	0	0	-0.55	0	0	0.4
K17		0	0	-0.05	0	0	-0.09	0	0	0.05	0	-0.01	-0.04
K18		0	0	-0.09	0	0.02	0.05	0	0	-0.26	0	0	0.18
P01		0	0.02	-1.29	-0.12	0	0	0	-0.02	1.29	0.06	0	0
P02		0	0.02	-1.29	-0.12	0	0	0	-0.02	1.29	0.06	0	0
P03		0	0.01	-1.29	-0.05	0	0	0	-0.01	1.29	0.02	0	0
P04		0	0.01	-1.29	-0.05	0	0	0	-0.01	1.29	0.02	0	0
S01		-0.02	0.03	-1.22	-0.03	-0.02	0	0.02	-0.03	1.22	-0.04	-0.03	0
S02		0	0.07	-2.29	-0.07	0	0	0	-0.07	2.29	-0.11	0	0
S03		0.02	0.02	-1.21	-0.02	0.02	0	-0.02	-0.02	1.21	-0.04	0.03	0
S04		-0.11	0.01	-1.79	-0.01	-0.12	0	0.11	-0.01	1.79	-0.01	-0.17	0
S05		0	0.08	-3.39	-0.09	0	0	0	-0.08	3.39	-0.13	0	0
S06		0.1	0.01	-1.8	-0.01	0.11	0	-0.1	-0.01	1.8	-0.01	0.16	0
S07		-0.16	0	-1.85	0	-0.18	0	0.16	0	1.85	0	-0.24	0
S08		0	-0.01	-3.2	0.01	-0.01	0	0	0.01	3.2	0.01	0	0
S09		0.15	-0.01	-1.79	0.01	0.18	0	-0.15	0.01	1.79	0.01	0.23	0
S10		-0.09	0	-1.75	0	-0.1	0	0.09	0	1.75	0.01	-0.14	0
S11		0.01	-0.12	-2.74	0.14	0.01	0	-0.01	0.12	2.74	0.19	0.01	0
S12		0.08	-0.02	-0.86	0.02	0.09	0	-0.08	0.02	0.86	0.03	0.13	0
S13		-0.01	-0.02	-1.16	0.02	-0.01	0	0.01	0.02	1.16	0.04	-0.01	0
S14		0.01	-0.07	-1.29	0.08	0.01	0	-0.01	0.07	1.29	0.11	0.02	0
S15		0.01	-0.02	-0.12	0.03	0.01	0	-0.01	0.02	0.12	0.04	0.02	0
K01	1. KAT	0	0	-0.33	0	0.14	-0.11	0	0	-0.24	0	0.03	-0.08
K02		0	0	-0.24	0	-0.03	-0.08	0	0	-0.33	0	-0.13	-0.11
K03		0	0	-0.72	0	0.54	-0.03	0	0	-0.32	0	0.13	-0.11
K04		0	0	-0.33	0	-0.12	-0.12	0	0	-0.71	0	-0.52	-0.03
K05		0	0	-0.83	0	0.75	0	0	0	-0.22	0	0.31	0
K06		0	0	-0.23	0	-0.3	0	0	0	-0.83	0	-0.73	0
K07		0	0	-0.69	0	0.47	0.03	0	0	-0.35	0	0.08	0.13

ELEMEN UÇ KUVVETLERİ (GLOBAL)

Yüklemeler 6 Q DÜŞEY

Eleman adı	Kat	tX1	tY1	tZ1	mX1	mY1	mB1	tX2	tY2	tZ2	mX2	mY2	mB2
K10		0	0	0.02	0	-0.05	-0.01	0	0	-0.02	0	-0.05	0.01
K11		0	0	-0.26	0	-0.01	-0.23	0	0	-0.03	0	-0.02	-0.1
K12		0	0	-0.02	0	-0.01	0.12	0	0	-0.28	0	-0.01	0.26
K13		0	0	-0.37	0	0	-0.39	0	0	0.06	0	0	-0.22
K14		0	0	-0.72	0	0	-0.55	0	0	-0.34	0	0	-0.12
K15		0	0	-0.35	0	0	0.1	0	0	-0.71	0	0	0.53
K16		0	0	-0.05	0	0	0.2	0	0	-0.56	0	0	0.51
K17		0	0	-0.07	0	0	-0.11	0	0	0.07	0	-0.02	-0.07
K18		0	0	-0.02	0	0.01	0.11	0	0	-0.28	0	0.01	0.25
P01		0	0.02	-1.91	-0.16	0	0	0	-0.02	1.91	0.12	0	0
P02		0	0.02	-1.91	-0.16	0	0	0	-0.02	1.91	0.12	0	0
P03		0	0.03	-1.91	-0.13	0	0	0	-0.03	1.91	0.05	0	0
P04		0	0.03	-1.91	-0.13	0	0	0	-0.03	1.91	0.05	0	0
S01		-0.02	0.03	-1.93	-0.05	-0.03	0	0.02	-0.03	1.93	-0.03	-0.03	0
S02		0	0.08	-3.49	-0.11	0	0	0	-0.08	3.49	-0.09	0	0
S03		0.02	0.03	-1.91	-0.05	0.03	0	-0.02	-0.03	1.91	-0.03	0.02	0
S04		-0.15	0.01	-2.68	-0.01	-0.2	0	0.15	-0.01	2.68	-0.01	-0.19	0
S05		0	0.09	-4.98	-0.13	-0.01	0	0	-0.09	4.98	-0.13	-0.01	0
S06		0.13	0.01	-2.68	-0.01	0.18	0	-0.13	-0.01	2.68	-0.01	0.18	0
S07		-0.22	0	-2.86	0	-0.28	0	0.22	0	2.86	0	-0.31	0
S08		0	0	-4.38	0	0	0	0	0	4.38	0.01	0	0
S09		0.21	-0.01	-2.77	0.01	0.27	0	-0.21	0.01	2.77	0.01	0.31	0
S10		-0.12	0	-2.62	0	-0.17	0	0.12	0	2.62	0	-0.15	0
S11		0.02	-0.16	-4.05	0.2	0.02	0	-0.02	0.16	4.05	0.24	0.03	0
S12		0.11	-0.02	-1.31	0.03	0.13	0	-0.11	0.02	1.31	0.04	0.16	0
S13		-0.01	-0.02	-1.82	0.03	-0.02	0	0.01	0.02	1.82	0.02	0	0
S14		0.02	-0.08	-1.98	0.1	0.02	0	-0.02	0.08	1.98	0.12	0.03	0
S15		0.01	-0.03	-0.21	0.03	0.02	0	-0.01	0.03	0.21	0.05	0.02	0
K01	ZEMİN KAT	0	0	-0.3	0	0.09	-0.1	0	0	-0.26	0	-0.02	-0.09
K02		0	0	-0.27	0	0.02	-0.09	0	0	-0.3	0	-0.08	-0.1
K03		0	0	-0.65	0	0.41	-0.03	0	0	-0.39	0	0.02	-0.14
K04		0	0	-0.39	0	-0.01	-0.14	0	0	-0.65	0	-0.39	-0.03
K05		0	0	-0.72	0	0.53	0	0	0	-0.34	0	0.12	0
K06		0	0	-0.35	0	-0.11	0	0	0	-0.71	0	-0.52	0
K07		0	0	-0.64	0	0.37	0.03	0	0	-0.41	0	0	0.15
K08		0	0	-0.18	0	-0.04	0.07	0	0	-0.34	0	-0.25	0.02
K09		0	0	-0.29	0	0.06	0.1	0	0	-0.28	0	-0.04	0.1
K10		0	0	0.01	0	-0.02	0	0	0	-0.01	0	-0.03	0
K11		0	0	-0.2	0	-0.01	-0.13	0	0	-0.1	0	-0.04	-0.02
K12		0	0	-0.09	0	-0.03	0.03	0	0	-0.21	0	-0.01	0.15
K13		0	0	-0.27	0	0	-0.24	0	0	-0.04	0	0	-0.08
K14		0	0	-0.65	0	0	-0.42	0	0	-0.4	0	0	-0.01
K15		0	0	-0.41	0	0	0	0	0	-0.65	0	0	0.41
K16		0	0	-0.17	0	0	0.02	0	0	-0.44	0	0	0.32
K17		0	0	-0.03	0	0	-0.06	0	0	0.03	0	-0.01	-0.03
K18		0	0	-0.09	0	0.03	0.03	0	0	-0.21	0	0.01	0.15
P01		0	0	-2.53	-0.15	0	0	0	0	2.53	0.16	0	0
P02		0	0	-2.53	-0.15	0	0	0	0	2.53	0.16	0	0
P03		0	0.01	-2.53	-0.16	0	0	0	-0.01	2.53	0.13	0	0
P04		0	0.01	-2.53	-0.16	0	0	0	-0.01	2.53	0.13	0	0
S01		-0.01	0.02	-2.53	-0.02	-0.01	0	0.01	-0.02	2.53	-0.03	-0.02	0
S02		0	0.04	-4.62	-0.04	0	0	0	-0.04	4.62	-0.08	0	0
S03		0.01	0.02	-2.51	-0.02	0.01	0	-0.01	-0.02	2.51	-0.03	0.02	0
S04		-0.07	0	-3.56	0	-0.06	0	0.07	0	3.56	0	-0.14	0
S05		0	0.04	-6.75	-0.04	0	0	0	-0.04	6.75	-0.08	0	0
S06		0.07	0	-3.56	0	0.05	0	-0.07	0	3.56	-0.01	0.14	0
S07		-0.09	0	-3.75	0	-0.07	0	0.09	0	3.75	0	-0.18	0
S08		0	0	-5.92	0	0	0	0	0	5.92	0	0	0
S09		0.09	0	-3.65	0	0.06	0	-0.09	0	3.65	0	0.19	0
S10		-0.06	0	-3.49	0	-0.05	0	0.06	0	3.49	0	-0.12	0
S11		0.01	-0.07	-5.51	0.05	0.01	0	-0.01	0.07	5.51	0.15	0.02	0
S12		0.05	-0.01	-1.72	0.01	0.03	0	-0.05	0.01	1.72	0.02	0.1	0
S13		-0.01	-0.02	-2.4	0.01	-0.01	0	0.01	0.02	2.4	0.04	-0.01	0
S14		0.01	-0.03	-2.59	0.02	0.01	0	-0.01	0.03	2.59	0.07	0.02	0
S15		0	-0.01	-0.25	0	0	0	0	0.01	0.25	0.02	0.01	0

GÖRELİ KAT ÖTELEMELERİNİN SINIRLANDIRILMASI

1. Deprem Yüklemesi

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	1.81	1.36	0.45	1.66	1.28	0.37	1.66	1.28	0.37	1.81	1.36	0.45	2.7	0.45	1.16E-003
2. KAT	1.36	0.77	0.59	1.28	0.76	0.53	1.28	0.76	0.53	1.36	0.77	0.59	2.7	0.59	1.54E-003
1. KAT	0.77	0.29	0.48	0.76	0.29	0.46	0.76	0.29	0.46	0.77	0.29	0.48	2.7	0.48	1.23E-003
ZEMİN KAT	0.29	0	0.29	0.29	0	0.29	0.29	0	0.29	0.29	0	0.29	2.7	0.29	7.55E-004

2. Deprem Yüklemesi

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	1.65	1.28	0.37	1.82	1.37	0.45	1.82	1.37	0.45	1.65	1.28	0.37	2.7	0.45	1.17E-003
2. KAT	1.28	0.75	0.52	1.37	0.77	0.6	1.37	0.77	0.6	1.28	0.75	0.52	2.7	0.6	1.55E-003
1. KAT	0.75	0.29	0.46	0.77	0.29	0.48	0.77	0.29	0.48	0.75	0.29	0.46	2.7	0.48	1.24E-003
ZEMİN KAT	0.29	0	0.29	0.29	0	0.29	0.29	0	0.29	0.29	0	0.29	2.7	0.29	7.57E-004

3. Deprem Yüklemesi

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	0.7	0.49	0.21	0.7	0.49	0.21	0.76	0.52	0.24	0.76	0.52	0.24	2.7	0.24	6.29E-004
2. KAT	0.49	0.27	0.21	0.49	0.27	0.21	0.52	0.28	0.24	0.52	0.28	0.24	2.7	0.24	6.22E-004
1. KAT	0.27	0.1	0.18	0.27	0.1	0.18	0.28	0.09	0.18	0.28	0.09	0.18	2.7	0.18	4.77E-004
ZEMİN KAT	0.1	0	0.1	0.1	0	0.1	0.09	0	0.09	0.09	0	0.09	2.7	0.1	2.46E-004

4. Deprem Yüklemesi

Kat	d(i)SLU	d(i-1)SLU	DiSLU	d(i)SLA	d(i-1)SLA	DiSLA	d(i)SĞA	d(i-1)SĞA	DiSĞA	d(i)SĞU	d(i-1)SĞU	DiSĞU	hi	Di max	Di max*R/hi
3. KAT	0.76	0.52	0.24	0.76	0.52	0.24	0.7	0.49	0.22	0.7	0.49	0.22	2.7	0.24	6.27E-004
2. KAT	0.52	0.28	0.24	0.52	0.28	0.24	0.49	0.27	0.22	0.49	0.27	0.22	2.7	0.24	6.21E-004
1. KAT	0.28	0.09	0.18	0.28	0.09	0.18	0.27	0.09	0.18	0.27	0.09	0.18	2.7	0.18	4.77E-004
ZEMİN KAT	0.09	0	0.09	0.09	0	0.09	0.09	0	0.09	0.09	0	0.09	2.7	0.09	2.46E-004

2. MERTEBE ETKİLERİ

1. Deprem Yüklemesi

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	0.41	23.09	2.7	133.31	62.33	8.78E-004
2. KAT	0.56	40.43	2.7	266.62	109.17	1.37E-003
1. KAT	0.47	52.93	2.7	410.6	142.91	1.35E-003
ZEMİN KAT	0.29	59.19	2.7	554.58	159.8	1.01E-003

2. Deprem Yüklemesi

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	0.41	23.09	2.7	133.31	62.33	8.79E-004
2. KAT	0.56	40.43	2.7	266.62	109.17	1.37E-003
1. KAT	0.47	52.93	2.7	410.6	142.91	1.35E-003
ZEMİN KAT	0.29	59.19	2.7	554.58	159.8	1.01E-003

3. Deprem Yüklemesi

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	0.23	24.75	2.7	133.31	66.82	4.56E-004
2. KAT	0.23	43.35	2.7	266.62	117.04	5.18E-004
1. KAT	0.18	56.76	2.7	410.6	153.26	4.87E-004
ZEMİN KAT	0.09	63.47	2.7	554.58	171.37	3.07E-004

4. Deprem Yüklemesi

Kat	(Di)ort	Vi	hi	awj	Vi*hi	qi
3. KAT	0.23	24.75	2.7	133.31	66.82	4.56E-004
2. KAT	0.23	43.35	2.7	266.62	117.04	5.18E-004
1. KAT	0.18	56.76	2.7	410.6	153.26	4.87E-004
ZEMİN KAT	0.09	63.47	2.7	554.58	171.37	3.07E-004

DÜZENSİZLİK DURUMLARI

A-Planda Düzensizlik Durumları

A1-Burulma Düzensizliği

Kat	(Di)max1	(Di)min1	(Di)ort1	hbi1	(Di)max2	(Di)min2	(Di)ort2	hbi2	(Di)max3	(Di)min3	(Di)ort3	hbi3	(Di)max4	(Di)min4	(Di)ort4	hbi4
3. KAT	0.45	0.37	0.41	1.09	0.45	0.37	0.41	1.1	0.24	0.21	0.23	1.06	0.24	0.22	0.23	1.06

DÜZENSİZLİK DURUMLARI**A1-Burulma Düzensizliği**

Kat	(Di)max1(Di)min1 (Di)ort1	hbi1(Di)max2(Di)min2 (Di)ort2	hbi2(Di)max3(Di)min3 (Di)ort3	hbi3(Di)max4(Di)min4 (Di)ort4	hbi4
ZEMİN KAT	0.29 0.29 0.29	1 0.29 0.29 0.29	1 0.1 0.09 0.09	1 0.09 0.09 0.09	1

B-Düşey Doğrultuda Düzensizlik Durumları**B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - X**

Kat	āAw(i+1)	āAg(i+1)	āAk(i+1)	āAe(i+1)	āAw(i)	āAg(i)	āAk(i)	āAe(i)	hci
2. KAT	3.61	0	3.64	4.16	3.61	0	3.42	4.12	0.99
1. KAT	3.61	0	3.42	4.12	5.85	0	3.42	6.36	1.54
ZEMİN KAT	5.85	0	3.42	6.36	5.85	0	3.42	6.36	1

B1-Komşu Katlar Arası Dayanım Düzensizliği (Zayıf Kat) - Y

Kat	āAw(i+1)	āAg(i+1)	āAk(i+1)	āAe(i+1)	āAw(i)	āAg(i)	āAk(i)	āAe(i)	hci
2. KAT	3.61	4.26	2.15	8.19	3.61	4.26	1.97	8.17	1
1. KAT	3.61	4.26	1.97	8.17	5.85	4.08	1.97	10.23	1.25
ZEMİN KAT	5.85	4.08	1.97	10.23	5.85	4.08	1.97	10.23	1

B2-Komşu Katlar Arası Rijitlik Düzensizliği (Yumuşak Kat)

Kat	(Di/hi)1	(Di+1/hi+1)1	hki1(+/-)	(Di/hi)2	(Di+1/hi+1)2	hki2(+/-)	(Di/hi)3	(Di+1/hi+1)3	hki3(+/-)	(Di/hi)4	(Di+1/hi+1)4	hki4(+/-)
3. KAT	0.15		-/0.73	0.15		-/0.73	0.08		-/1.01	0.08		-/1.01
2. KAT	0.21	0.15	1.37/1.19	0.21	0.15	1.37/1.19	0.08	0.08	0.99/1.25	0.08	0.08	0.99/1.25
1. KAT	0.17	0.21	0.84/1.61	0.17	0.21	0.84/1.62	0.07	0.08	0.80/1.92	0.07	0.08	0.80/1.92
ZEMİN KAT	0.11	0.17	0.62/-	0.11	0.17	0.62/-	0.04	0.07	0.52/-	0.04	0.07	0.52/-

B3-Taşıyıcı Sistemin Düşey Elemanlarının Süreksizliği

TAŞIYICI SİSTEMİN DÜŞEY ELEMANLARINDA SÜREKSİZLİK BULUNMAMAKTADIR.

2.7.5. ELEMAN ASAL EKSEN DOĞRULTULARINDAKİ İÇ KUVVETLER**Yüklemeye 1 (X YÖNÜ + 0.05) E1 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	2.98	-1.85	0	5	8.05	0	-2.98	1.85	0	0	0	0
S01		0.02	-0.36	0	0.92	0.01	-0.04	-0.02	0.36	0	0.05	0.04	0.04
S02		0	-0.35	0	0.91	0.01	-0.04	0	0.35	0	0.04	0	0.04
P02		2.98	-1.85	0	5	8.05	0	-2.98	1.85	0	0	0	0
P03		-2.98	-1.85	0	5	-8.05	0	2.98	1.85	0	0	0	0
S03		-0.02	-0.36	0	0.92	-0.01	-0.04	0.02	0.36	0	0.05	-0.04	0.04
S04		-2.54	-0.33	0.04	0.43	-6.7	-0.04	2.54	0.33	-0.04	0.46	-0.16	0.04
P04		-2.98	-1.85	0	5	-8.05	0	2.98	1.85	0	0	0	0
S05		0.11	-0.35	0	0.92	0.11	-0.04	-0.11	0.35	0	0.01	0.18	0.04
S06		-2.54	0.33	-0.04	-0.43	-6.7	-0.04	2.54	-0.33	0.04	-0.46	-0.16	0.04
S07		-2.46	-0.49	-0.01	0.64	-6.62	-0.04	2.46	0.49	0.01	0.67	-0.01	0.04
S08		-0.15	-1.17	0	3.1	-0.16	-0.04	0.15	1.17	0	0.06	-0.24	0.04
S09		-2.46	0.48	0.01	-0.64	-6.62	-0.04	2.46	-0.48	-0.01	-0.67	-0.01	0.04
S10		-2.42	-0.33	-0.05	0.43	-6.58	-0.04	2.42	0.33	0.05	0.47	0.16	0.04
S11		-0.1	-0.34	0	0.92	-0.1	-0.04	0.1	0.34	0	0	-0.17	0.04
S12		-2.42	0.33	0.05	-0.43	-6.58	-0.04	2.42	-0.33	-0.05	-0.47	0.16	0.04
S13		0.02	-0.33	0	0.89	0.01	-0.04	-0.02	0.33	0	-0.02	0.04	0.04
S14		-0.01	-0.32	0	0.87	-0.01	-0.04	0.01	0.32	0	-0.03	-0.01	0.04
S15		-0.01	-0.33	0	0.88	-0.01	-0.04	0.01	0.33	0	-0.02	-0.03	0.04
P01	2. KAT	5.57	-1.5	0	9.04	23.1	0	-5.57	1.5	0	-5	-8.05	0
S01		0.22	-0.88	-0.01	3.19	0.56	-0.03	-0.22	0.88	0.01	-0.83	0.03	0.03
S02		0.08	-0.87	0	3.17	0.23	-0.03	-0.08	0.87	0	-0.83	0	0.03
P02		5.57	-1.45	0	8.92	23.1	0	-5.57	1.45	0	-5	-8.05	0
P03		-5.57	-1.5	0	9.04	-23.1	0	5.57	1.5	0	-5	8.05	0
S03		-0.22	-0.88	0.01	3.19	-0.56	-0.03	0.22	0.88	-0.01	-0.83	-0.03	0.03
S04		-5.5	-0.26	0.11	0.35	-21.38	-0.03	5.5	0.26	-0.11	0.34	6.62	0.03
P04		-5.57	-1.45	0	8.92	-23.1	0	5.57	1.45	0	-5	8.05	0
S05		0.12	-0.82	0	3.06	0.27	-0.03	-0.12	0.82	0	-0.85	0.04	0.03
S06		-5.5	0.26	-0.11	-0.35	-21.38	-0.03	5.5	-0.26	0.11	-0.34	6.62	0.03
S07		-5.32	-0.4	-0.01	0.54	-20.98	-0.03	5.32	0.4	0.01	0.55	6.61	0.03
S08		-0.09	-1.14	0	6.3	-0.16	-0.04	0.09	1.14	0	-3.23	-0.08	0.04
S09		-5.32	0.4	0.01	-0.54	-20.98	-0.03	5.32	-0.4	-0.01	-0.55	6.61	0.03
S10		-5.23	-0.26	-0.13	0.35	-20.77	-0.03	5.23	0.26	0.13	0.34	6.74	0.03
S11		-0.11	-0.79	0	2.98	-0.27	-0.03	0.11	0.79	0	-0.86	-0.04	0.03
S12		-5.23	0.26	0.13	-0.36	-20.77	-0.03	5.23	-0.26	-0.13	-0.35	6.73	0.03
S13		0.22	-0.8	-0.01	3.02	0.56	-0.03	-0.22	0.8	0.01	-0.87	0.03	0.03
S14		-0.09	-0.79	0	3.01	-0.23	-0.03	0.09	0.79	0	-0.88	-0.01	0.03
S15		-0.21	-0.8	0.01	3.02	-0.56	-0.03	0.21	0.8	-0.01	-0.87	-0.03	0.03
P01	1. KAT	-5.99	0.15	0	8.63	27.25	0	5.99	-0.15	0	-9.04	-23.1	0

DÜZENSİZLİK DURUMLARI

Yükleme 1 (X YÖNÜ + 0.05) E1 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P02		-5.99	0.11	0	8.61	27.25	0	5.99	-0.11	0	-8.92	-23.1	0
P03		6	0.15	0	8.63	-27.25	0	-6	-0.15	0	-9.04	23.1	0
S03		0.24	-1.42	0.01	6.97	-0.86	-0.02	-0.24	1.42	-0.01	-3.16	0.54	0.02
S04		-8.16	-0.36	0.15	0.53	-43.14	-0.02	8.16	0.36	-0.15	0.43	21.36	0.02
P04		6	0.11	0	8.61	-27.25	0	-6	-0.11	0	-8.92	23.1	0
S05		-0.22	-1.31	0	6.88	0.75	-0.02	0.22	1.31	0	-3.36	-0.16	0.02
S06		-8.16	0.36	-0.15	-0.53	-43.14	-0.02	8.16	-0.36	0.15	-0.43	21.36	0.02
S07		-8.14	-0.62	-0.02	0.85	-42.94	-0.02	8.14	0.62	0.02	0.83	20.97	0.02
S08		-0.07	-0.17	0	6.01	0.17	-0.01	0.07	0.17	0	-5.56	-0.02	0.01
S09		-8.14	0.62	0.02	-0.85	-42.94	-0.02	8.14	-0.62	-0.02	-0.83	20.97	0.02
S10		-8.24	-0.36	-0.18	0.53	-42.87	-0.02	8.24	0.36	0.18	0.43	20.89	0.02
S11		-0.21	-1.32	0	6.84	-0.75	-0.02	0.21	1.32	0	-3.29	-0.17	0.02
S12		-8.24	0.36	0.17	-0.54	-42.88	-0.02	8.24	-0.36	-0.17	-0.43	20.89	0.02
S13		-0.24	-1.44	-0.01	6.89	0.86	-0.02	0.24	1.44	0.01	-3.02	-0.54	0.02
S14		-0.18	-1.41	0	6.86	-0.71	-0.02	0.18	1.41	0	-3.05	-0.23	0.02
S15		0.24	-1.44	0.01	6.89	-0.86	-0.02	-0.24	1.44	-0.01	-3.02	0.54	0.02
S01	ZEMİN KAT	-0.42	-1.28	-0.02	10.32	-1.7	0	0.42	1.28	0.02	-6.89	-0.86	0
P01		-5.91	-2.53	0	15.46	34.93	0	5.91	2.53	0	-8.63	-27.25	0
P02		-5.91	-2.55	0	15.48	34.93	0	5.91	2.55	0	-8.61	-27.25	0
S02		-0.32	-1.26	0	10.31	1.58	0	0.32	1.26	0	-6.91	-0.71	0
S03		0.42	-1.28	0.02	10.32	1.7	0	-0.42	1.28	-0.02	-6.89	0.86	0
P03		5.91	-2.53	0	15.46	-34.93	0	-5.91	2.53	0	-8.63	27.25	0
P04		5.91	-2.55	0	15.48	-34.93	0	-5.91	2.55	0	-8.61	27.25	0
S04		-7.35	0.2	0.15	-0.39	-62.89	0	7.35	-0.2	-0.15	-0.14	43.16	0
S05		-0.33	-1.32	0	10.36	1.59	0	0.33	1.32	0	-6.81	-0.69	0
S06		-7.35	-0.2	-0.15	0.39	-62.89	0	7.35	0.2	0.15	0.14	43.16	0
S07		-7.42	0.29	-0.02	-0.48	-62.98	0	7.42	-0.29	0.02	-0.31	42.94	0
S08		-0.08	-1.55	0	10.33	0.28	0	0.08	1.55	0	-6.15	-0.06	0
S09		-7.42	-0.29	0.02	0.48	-62.98	0	7.42	0.29	-0.02	0.31	42.94	0
S10		-7.52	0.2	-0.18	-0.39	-63.11	0	7.52	-0.2	0.18	-0.14	42.9	0
S11		0.33	-1.35	0	10.4	1.59	0	-0.33	1.35	0	-6.77	0.69	0
S12		-7.53	-0.2	0.18	0.39	-63.11	0	7.53	0.2	-0.18	0.14	42.9	0
S13		-0.42	-1.33	-0.02	10.39	-1.7	0	0.42	1.33	0.02	-6.81	-0.86	0
S14		0.32	-1.32	0	10.38	1.58	0	-0.32	1.32	0	-6.84	0.71	0
S15		0.42	-1.33	0.01	10.39	1.7	0	-0.42	1.33	-0.01	-6.82	0.86	0

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	-2.99	-1.85	0	5	-8.06	0	2.99	1.85	0	0	0	0
S01		-0.02	-0.33	0	0.89	-0.02	0.04	0.02	0.33	0	-0.02	-0.04	-0.04
S02		0	-0.32	0	0.87	-0.01	0.04	0	0.32	0	-0.03	0	-0.04
P02		-2.99	-1.85	0	5	-8.06	0	2.99	1.85	0	0	0	0
P03		2.98	-1.85	0	5	8.06	0	-2.98	1.85	0	0	0	0
S03		0.02	-0.33	0	0.89	0.02	0.04	-0.02	0.33	0	-0.02	0.04	-0.04
S04		-2.42	0.33	-0.05	-0.43	-6.58	0.04	2.42	-0.33	0.05	-0.47	0.16	-0.04
P04		2.98	-1.85	0	5	8.05	0	-2.98	1.85	0	0	0	0
S05		-0.11	-0.34	0	0.93	-0.11	0.04	0.11	0.34	0	0.01	-0.18	-0.04
S06		-2.42	-0.33	0.05	0.43	-6.58	0.04	2.42	0.33	-0.05	0.47	0.16	-0.04
S07		-2.46	0.49	-0.01	-0.64	-6.62	0.04	2.46	-0.49	0.01	-0.67	-0.01	-0.04
S08		0.15	-1.17	0	3.1	0.16	0.04	-0.15	1.17	0	0.07	0.24	-0.04
S09		-2.46	-0.48	0.01	0.64	-6.62	0.04	2.46	0.48	-0.01	0.67	-0.01	-0.04
S10		-2.54	0.33	0.04	-0.43	-6.7	0.04	2.54	-0.33	-0.04	-0.46	-0.16	-0.04
S11		0.1	-0.35	0	0.93	0.1	0.04	-0.1	0.35	0	0.02	0.17	-0.04
S12		-2.55	-0.33	-0.04	0.43	-6.71	0.04	2.55	0.33	0.04	0.47	-0.17	-0.04
S13		-0.02	-0.36	0	0.92	-0.01	0.04	0.02	0.36	0	0.05	-0.04	-0.04
S14		0.01	-0.35	0	0.9	0.01	0.04	-0.01	0.35	0	0.04	0.01	-0.04
S15		0.01	-0.35	0	0.91	0.01	0.04	-0.01	0.35	0	0.04	0.03	-0.04
P01	2. KAT	-5.58	-1.45	0	8.92	-23.11	0	5.58	1.45	0	-5	8.06	0
S01		-0.22	-0.8	-0.01	3.02	-0.56	0.03	0.22	0.8	0.01	-0.87	-0.03	-0.03
S02		-0.08	-0.79	0	3.01	-0.23	0.03	0.08	0.79	0	-0.88	0	-0.03
P02		-5.58	-1.5	0	9.04	-23.12	0	5.58	1.5	0	-5	8.06	0
P03		5.57	-1.45	0	8.92	23.11	0	-5.57	1.45	0	-5	-8.06	0
S03		0.22	-0.8	0.01	3.02	0.56	0.03	-0.22	0.8	-0.01	-0.87	0.03	-0.03
S04		-5.23	0.26	-0.13	-0.35	-20.77	0.03	5.23	-0.26	0.13	-0.34	6.74	-0.03
P04		5.57	-1.5	0	9.04	23.11	0	-5.57	1.5	0	-5	-8.05	0
S05		-0.12	-0.79	0	2.98	-0.27	0.03	0.12	0.79	0	-0.85	0.04	-0.03
S06		-5.23	-0.26	0.13	0.35	-20.77	0.03	5.23	0.26	-0.13	0.34	6.74	-0.03
S07		-5.32	0.4	-0.01	-0.54	-20.98	0.03	5.32	-0.4	0.01	-0.55	6.61	-0.03
S08		0.09	-1.14	0	6.3	0.16	0.04	-0.09	1.14	0	-3.23	0.08	-0.04
S09		-5.32	-0.4	0.02	0.54	-20.98	0.03	5.32	0.4	-0.02	0.55	6.61	-0.03
S10		-5.5	0.26	0.11	-0.35	-21.38	0.03	5.5	-0.26	-0.11	-0.34	6.62	-0.03
S11		0.11	-0.82	0	3.06	0.27	0.03	-0.11	0.82	0	-0.84	0.04	-0.03
S12		-5.5	-0.26	-0.11	0.36	-21.38	0.03	5.5	0.26	0.11	0.35	6.61	-0.03
S13		-0.22	-0.88	-0.01	3.19	-0.56	0.03	0.22	0.88	0.01	-0.83	-0.03	-0.03

DÜZENSİZLİK DURUMLARI

Yükleme 2 (X YÖNÜ - 0.05) E2 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	1. KAT	6	0.11	0	8.61	-27.26	0	-6	-0.11	0	-8.92	23.11	0
S01		0.24	-1.44	-0.01	6.89	-0.86	0.02	-0.24	1.44	0.01	-3.02	0.54	-0.02
S02		-0.18	-1.41	0	6.86	-0.71	0.02	0.18	1.41	0	-3.06	0.23	-0.02
P02		6	0.15	0	8.63	-27.26	0	-6	-0.15	0	-9.04	23.11	0
P03		-6	0.11	0	8.61	27.25	0	6	-0.11	0	-8.92	-23.11	0
S03		-0.24	-1.44	0.01	6.89	0.86	0.02	0.24	1.44	-0.01	-3.02	-0.54	-0.02
S04		-8.24	0.36	-0.18	-0.53	-42.87	0.02	8.24	-0.36	0.18	-0.43	20.89	-0.02
P04		-6	0.15	0	8.63	27.25	0	6	-0.15	0	-9.04	-23.11	0
S05		-0.22	-1.32	0	6.84	-0.75	0.02	0.22	1.32	0	-3.28	0.16	-0.02
S06		-8.24	-0.36	0.18	0.53	-42.87	0.02	8.24	0.36	-0.18	0.43	20.89	-0.02
S07		-8.14	0.62	-0.02	-0.85	-42.94	0.02	8.14	-0.62	0.02	-0.83	20.97	-0.02
S08		-0.07	-0.17	0	6.01	-0.17	0.01	0.07	0.17	0	-5.56	0.02	-0.01
S09		-8.14	-0.62	0.02	0.85	-42.94	0.02	8.14	0.62	-0.02	0.83	20.97	-0.02
S10		-8.16	0.36	0.15	-0.53	-43.14	0.02	8.16	-0.36	-0.15	-0.43	21.36	-0.02
S11		0.21	-1.3	0	6.88	0.75	0.02	-0.21	1.3	0	-3.37	0.17	-0.02
S12		-8.17	-0.36	-0.15	0.54	-43.15	0.02	8.17	0.36	0.15	0.43	21.36	-0.02
S13		0.24	-1.42	-0.01	6.97	-0.86	0.02	-0.24	1.42	0.01	-3.16	0.54	-0.02
S14		0.18	-1.39	0	6.94	0.71	0.02	-0.18	1.39	0	-3.19	0.23	-0.02
S15		-0.24	-1.41	0.01	6.96	0.86	0.02	0.24	1.41	-0.01	-3.16	-0.54	-0.02
S01	ZEMİN KAT	0.42	-1.33	-0.02	10.39	1.7	0	-0.42	1.33	0.02	-6.81	0.86	0
P01		5.91	-2.55	0	15.48	-34.94	0	-5.91	2.55	0	-8.61	27.26	0
P02		5.91	-2.53	0	15.46	-34.94	0	-5.91	2.53	0	-8.63	27.26	0
S02		0.32	-1.32	0	10.38	-1.58	0	-0.32	1.32	0	-6.84	0.71	0
S03		-0.42	-1.33	0.02	10.39	-1.7	0	0.42	1.33	-0.02	-6.81	-0.86	0
P03		-5.91	-2.55	0	15.48	34.93	0	5.91	2.55	0	-8.61	-27.25	0
P04		-5.91	-2.53	0	15.46	34.93	0	5.91	2.53	0	-8.63	-27.25	0
S04		-7.52	-0.2	-0.18	0.39	-63.11	0	7.52	0.2	0.18	0.14	42.9	0
S05		0.33	-1.35	0	10.4	-1.59	0	-0.33	1.35	0	-6.77	0.69	0
S06		-7.52	0.2	0.18	-0.39	-63.11	0	7.52	-0.2	-0.18	-0.14	42.9	0
S07		-7.42	-0.29	-0.02	0.48	-62.98	0	7.42	0.29	0.02	0.31	42.94	0
S08		-0.08	-1.55	0	10.33	-0.28	0	0.08	1.55	0	-6.15	-0.06	0
S09		-7.42	0.29	0.02	-0.48	-62.98	0	7.42	-0.29	-0.02	-0.31	42.94	0
S10		-7.35	-0.2	0.15	0.39	-62.89	0	7.35	0.2	-0.15	0.14	43.16	0
S11		-0.33	-1.32	0	10.37	-1.59	0	0.33	1.32	0	-6.81	0.69	0
S12		-7.35	0.2	-0.15	-0.39	-62.9	0	7.35	-0.2	0.15	-0.14	43.16	0
S13		0.42	-1.28	-0.02	10.32	1.7	0	-0.42	1.28	0.02	-6.89	0.86	0
S14		-0.32	-1.26	0	10.31	-1.58	0	0.32	1.26	0	-6.92	-0.71	0
S15		-0.42	-1.27	0.01	10.32	-1.7	0	0.42	1.27	-0.01	-6.9	-0.86	0

Yüklemeye 3 (Y YÖNÜ + 0.05) E3 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	4.93	-0.56	0	1.5	13.3	0	-4.93	0.56	0	0	0	0
S01		-0.01	0.11	0	-0.28	0.01	0.02	0.01	-0.11	0	-0.03	-0.03	-0.02
S02		0.01	0.12	0	-0.28	0.02	0.02	-0.01	-0.12	0	-0.03	0	-0.02
P02		4.93	0.56	0	-1.5	13.3	0	-4.93	-0.56	0	0	0	0
P03		6.29	-0.56	0	1.5	16.98	0	-6.29	0.56	0	0	0	0
S03		0.02	0.12	0	-0.29	0.02	0.02	-0.02	-0.12	0	-0.04	0.03	-0.02
S04		-0.81	-0.78	0.61	1.01	-2.07	0.02	0.81	0.78	-0.61	1.1	-0.11	-0.02
P04		6.29	0.56	0	-1.5	16.98	0	-6.29	-0.56	0	0	0	0
S05		0.37	0.1	0	0.28	0.38	0.02	-0.37	-0.1	0	-0.01	0.62	-0.02
S06		0.87	-0.87	0.67	1.12	2.14	0.02	-0.87	0.87	-0.67	1.22	0.22	-0.02
S07		-0.74	-1.18	0	1.55	-1.99	0.02	0.74	1.18	0	1.62	0	-0.02
S08		0.49	-0.35	0	0.93	0.54	0.02	-0.49	0.35	0	0.02	0.79	-0.02
S09		-0.74	-1.29	-0.01	1.71	-1.99	0.02	0.74	1.29	0.01	1.78	-0.01	-0.02
S10		0.81	-0.78	-0.62	1.01	2.07	0.02	-0.81	0.78	0.62	1.1	0.11	-0.02
S11		0.33	-0.11	0	0.28	0.34	0.02	-0.33	0.11	0	0.01	0.56	-0.02
S12		-0.88	-0.88	-0.65	1.14	-2.14	0.02	0.88	0.88	0.65	1.24	-0.23	-0.02
S13		-0.01	-0.11	0	0.28	0.01	0.02	0.01	0.11	0	0.03	-0.03	-0.02
S14		0.01	-0.11	0	0.28	0.02	0.02	-0.01	0.11	0	0.03	0.01	-0.02
S15		0.01	-0.11	0	0.28	0.02	0.02	-0.01	0.11	0	0.03	0.02	-0.02
P01	2. KAT	9.83	0.46	0	-2.75	39.83	0	-9.83	-0.46	0	-1.5	-13.3	0
S01		0.25	0.28	0	-0.99	0.69	0.02	-0.25	-0.28	0	-0.27	-0.04	-0.02
S02		0.28	0.28	0	-0.99	0.76	0.02	-0.28	-0.28	0	-0.27	-0.02	-0.02
P02		9.83	-0.46	0	2.75	39.83	0	-9.83	0.46	0	1.5	-13.3	0
P03		12.21	0.46	0	-2.75	49.96	0	-12.21	-0.46	0	-1.5	-16.98	0
S03		0.38	0.28	0	-1	1.01	0.02	-0.38	-0.28	0	-0.27	-0.01	-0.02
S04		-1.66	-0.6	1.56	0.81	6.39	0.02	1.66	0.6	-1.56	0.82	-2.1	-0.02
P04		12.21	-0.46	0	2.75	49.96	0	-12.21	0.46	0	1.5	-16.98	0
S05		0.38	0.25	0	-0.94	0.89	0.02	-0.38	-0.25	0	-0.26	0.14	-0.02
S06		1.82	-0.67	1.7	0.91	6.72	0.02	-1.82	0.67	-1.7	0.91	2.16	-0.02
S07		1.6	-0.98	0	1.31	-6.29	0.02	-1.6	0.98	0	1.35	1.98	-0.02
S08		0.3	-0.34	0	1.89	0.54	0.02	-0.3	0.34	0	0.97	0.27	-0.02
S09		-1.6	-1.08	-0.02	1.44	-6.29	0.02	1.6	1.08	0.02	1.48	-1.98	-0.02
S10		1.66	-0.6	-1.57	0.81	-6.39	0.02	-1.66	0.6	1.57	0.82	2.1	-0.02

DÜZENSİZLİK DURUMLARI**Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
S13		0.25	-0.28	0	0.99	0.69	0.02	-0.25	0.28	0	0.27	-0.04	-0.02
S14		0.28	-0.28	0	0.99	0.76	0.02	-0.28	0.28	0	0.27	-0.02	-0.02
S15		0.37	-0.28	0	1	1.01	0.02	-0.37	0.28	0	0.27	-0.01	-0.02
P01	1. KAT	14.21	-0.06	0	-2.59	75.11	0	-14.21	0.06	0	2.75	-39.83	0
S01		0.64	-0.44	0	-2.11	2.34	0.01	-0.64	0.44	0	0.99	-0.69	-0.01
S02		0.6	-0.43	0	-2.1	2.37	0.01	-0.6	0.43	0	0.99	-0.76	-0.01
P02		14.21	0.06	0	2.59	75.11	0	-14.21	-0.06	0	-2.75	-39.83	0
P03		12.05	-0.06	0	-2.59	79.39	0	-12.05	0.06	0	2.75	-49.96	0
S03		0.58	-0.43	0	-2.11	2.48	0.01	-0.58	0.43	0	0.97	-0.99	-0.01
S04		-2.7	-1.12	2.75	1.63	-13.07	0.01	2.7	1.12	-2.75	1.4	-6.88	-0.01
P04		12.05	0.06	0	2.59	79.39	0	-12.05	-0.06	0	-2.75	-49.96	0
S05		0.72	-0.4	0	-2.07	2.5	0.01	-0.72	0.4	0	1.03	-0.55	-0.01
S06		2.66	-1.14	2.94	1.67	13.23	0.01	-2.66	1.14	-2.94	1.41	6.61	-0.01
S07		-2.44	-1.93	0	2.63	-12.88	0.01	2.44	1.93	0	2.59	-6.29	-0.01
S08		0.23	-0.05	0	1.8	0.55	0	-0.23	0.05	0	1.67	0.07	0
S09		-2.44	-1.97	-0.03	2.69	-12.88	0.01	2.44	1.97	0.03	2.63	-6.29	-0.01
S10		2.7	-1.12	-2.75	1.63	13.07	0.01	-2.7	1.12	2.75	1.4	6.88	-0.01
S11		0.71	0.4	0	2.07	2.49	0.01	-0.71	-0.4	0	-1.03	-0.57	-0.01
S12		-2.66	-1.15	-2.91	1.68	-13.23	0.01	2.66	1.15	2.91	1.42	-6.61	-0.01
S13		0.64	0.44	0	2.11	2.34	0.01	-0.64	-0.44	0	-0.99	-0.69	-0.01
S14		0.6	0.43	0	2.1	2.37	0.01	-0.6	-0.43	0	-0.99	-0.76	-0.01
S15		0.58	0.43	0	2.11	2.48	0.01	-0.58	-0.43	0	-0.98	-1	-0.01
S01	ZEMİN KAT	1.15	-0.41	0	3.14	5.36	0	-1.15	0.41	0	2.09	-2.34	0
P01		15.73	-0.77	0	4.65	115.45	0	-15.73	0.77	0	2.59	-75.11	0
P02		15.73	0.77	0	-4.65	115.45	0	-15.73	-0.77	0	-2.59	-75.11	0
S02		1.07	-0.41	0	3.13	5.26	0	-1.07	0.41	0	2.09	-2.37	0
S03		1.05	-0.41	0	3.14	5.24	0	-1.05	0.41	0	2.09	-2.48	0
P03		14.24	-0.77	0	4.65	115.73	0	-14.24	0.77	0	2.59	-79.39	0
P04		14.24	0.77	0	-4.65	115.73	0	-14.24	-0.77	0	-2.59	-79.39	0
S04		-2.35	-0.6	3.79	1.25	-19.02	0	2.35	0.6	-3.79	0.37	-13.12	0
S05		1.1	-0.41	0	3.13	5.29	0	-1.1	0.41	0	2.05	-2.31	0
S06		2.26	-0.58	3.98	1.22	-18.94	0	-2.26	0.58	-3.98	0.34	12.97	0
S07		2.23	-0.91	0	1.52	18.89	0	-2.23	0.91	0	0.94	12.88	0
S08		0.27	0.46	0	-3.1	0.93	0	-0.27	-0.46	0	-1.84	-0.21	0
S09		2.23	-0.89	-0.03	1.49	18.89	0	-2.23	0.89	0.03	0.91	12.88	0
S10		2.35	-0.6	-3.79	1.25	19.02	0	-2.35	0.6	3.79	0.37	13.12	0
S11		1.1	0.41	0	-3.13	5.29	0	-1.1	-0.41	0	-2.05	-2.31	0
S12		-2.26	-0.58	-3.95	1.23	18.94	0	2.26	0.58	3.95	0.35	-12.97	0
S13		1.15	0.41	0	-3.14	5.36	0	-1.15	-0.41	0	-2.09	-2.34	0
S14		1.07	0.41	0	-3.13	5.26	0	-1.07	-0.41	0	-2.09	-2.37	0
S15		1.05	0.41	0	-3.14	5.24	0	-1.05	-0.41	0	-2.09	-2.48	0

Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
P01	3. KAT	6.3	0.56	0	-1.5	17	0	-6.3	-0.56	0	0	0	0
S01		0.02	-0.12	0	0.29	0.02	-0.02	-0.02	0.12	0	0.04	0.03	0.02
S02		0.01	-0.12	0	0.28	0.02	-0.02	-0.01	0.12	0	0.03	0	0.02
P02		6.3	-0.56	0	1.5	17	0	-6.3	0.56	0	0	0	0
P03		4.92	0.56	0	-1.5	13.29	0	-4.92	-0.56	0	0	0	0
S03		-0.01	-0.11	0	0.28	0.01	-0.02	0.01	0.11	0	0.03	-0.03	0.02
S04		-0.87	-0.87	0.66	1.12	-2.14	-0.02	0.87	0.87	-0.66	1.22	-0.22	0.02
P04		4.92	-0.56	0	1.5	13.29	0	-4.92	0.56	0	0	0	0
S05		0.37	-0.1	0	-0.28	0.38	-0.02	-0.37	0.1	0	0.01	0.62	0.02
S06		0.81	-0.78	0.62	1.01	2.07	-0.02	-0.81	0.78	-0.62	1.1	0.11	0.02
S07		-0.74	-1.3	0	1.71	-1.99	-0.02	0.74	1.3	0	1.79	0	0.02
S08		0.49	0.35	0	-0.93	0.54	-0.02	-0.49	-0.35	0	-0.02	0.79	0.02
S09		-0.74	-1.17	-0.02	1.55	-1.99	-0.02	0.74	1.17	0.02	1.62	-0.01	0.02
S10		0.87	-0.87	-0.66	1.12	2.14	-0.02	-0.87	0.87	0.66	1.22	0.22	0.02
S11		0.33	0.11	0	-0.28	0.34	-0.02	-0.33	-0.11	0	-0.01	0.56	0.02
S12		-0.81	-0.8	-0.6	1.03	-2.07	-0.02	0.81	0.8	0.6	1.12	-0.1	0.02
S13		0.02	0.12	0	-0.29	0.02	-0.02	-0.02	-0.12	0	-0.04	0.03	0.02
S14		0.01	0.11	0	-0.28	0.02	-0.02	-0.01	-0.11	0	-0.03	-0.01	0.02
S15		0	0.11	0	-0.28	0.02	-0.02	0	-0.11	0	-0.02	-0.02	0.02
P01	2. KAT	12.22	-0.46	0	2.75	49.98	0	-12.22	0.46	0	1.5	-17	0
S01		0.38	-0.28	0	1	1.01	-0.02	-0.38	0.28	0	0.27	-0.01	0.02
S02		0.28	-0.28	0	0.99	0.76	-0.02	-0.28	0.28	0	0.27	-0.02	0.02
P02		12.22	0.46	0	-2.75	49.98	0	-12.22	-0.46	0	-1.5	-17	0
P03		9.82	-0.46	0	2.75	39.81	0	-9.82	0.46	0	1.5	-13.29	0
S03		0.25	-0.28	0	0.99	0.69	-0.02	-0.25	0.28	0	0.27	-0.04	0.02
S04		-1.82	-0.67	1.7	0.91	-6.72	-0.02	1.82	0.67	-1.7	0.91	-2.16	0.02
P04		9.82	0.46	0	-2.75	39.81	0	-9.82	-0.46	0	-1.5	-13.29	0
S05		0.38	-0.25	0	0.94	0.89	-0.02	-0.38	0.25	0	0.26	0.14	0.02
S06		1.66	-0.6	1.57	0.81	-6.39	-0.02	-1.66	0.6	-1.57	0.82	2.1	0.02
S07		-1.6	-1.08	0	1.44	6.29	-0.02	1.6	1.08	0	1.48	-1.98	0.02

DÜZENSİZLİK DURUMLARI**Yüklemeye 4 (Y YÖNÜ - 0.05) E4 Deprem**

Eleman adı	Kat	tx1	ty1	tz1	mx1	my1	mb1	tx2	ty2	tz2	mx2	my2	mb2
S10		1.82	-0.67	-1.7	0.91	6.72	-0.02	-1.82	0.67	1.7	0.91	2.16	0.02
S11		0.37	0.26	0	-0.94	0.88	-0.02	-0.37	-0.26	0	-0.26	0.13	0.02
S12		-1.66	-0.61	-1.54	0.82	6.39	-0.02	1.66	0.61	1.54	0.83	-2.09	0.02
S13		0.38	0.28	0	-1	1.01	-0.02	-0.38	-0.28	0	-0.27	-0.01	0.02
S14		0.28	0.28	0	-0.99	0.76	-0.02	-0.28	-0.28	0	-0.27	-0.02	0.02
S15		0.25	0.28	0	-0.99	0.69	-0.02	-0.25	-0.28	0	-0.27	-0.04	0.02
P01	1. KAT	12.04	0.06	0	2.59	79.41	0	-12.04	-0.06	0	-2.75	-49.98	0
S01		0.58	0.43	0	2.11	2.48	-0.01	-0.58	-0.43	0	-0.97	-1	0.01
S02		0.6	0.43	0	2.1	2.37	-0.01	-0.6	-0.43	0	-0.99	-0.76	0.01
P02		12.04	-0.06	0	-2.59	79.41	0	-12.04	0.06	0	2.75	-49.98	0
P03		14.21	0.06	0	2.59	75.1	0	-14.21	-0.06	0	-2.75	-39.81	0
S03		0.64	0.44	0	2.11	2.34	-0.01	-0.64	-0.44	0	-0.99	-0.69	0.01
S04		-2.66	-1.14	2.93	1.67	-13.23	-0.01	2.66	1.14	-2.93	1.41	-6.61	0.01
P04		14.21	-0.06	0	-2.59	75.1	0	-14.21	0.06	0	2.75	-39.81	0
S05		0.72	0.4	0	2.07	2.5	-0.01	-0.72	-0.4	0	-1.03	-0.55	0.01
S06		2.7	-1.12	2.75	1.63	13.07	-0.01	-2.7	1.12	-2.75	1.4	6.88	0.01
S07		-2.44	-1.97	0	2.69	12.88	-0.01	2.44	1.97	0	2.63	-6.29	0.01
S08		0.23	0.05	0	-1.8	0.55	0	-0.23	-0.05	0	-1.67	0.07	0
S09		-2.44	-1.93	-0.03	2.63	-12.88	-0.01	2.44	1.93	0.03	2.59	-6.29	0.01
S10		2.66	-1.14	-2.94	1.67	13.23	-0.01	-2.66	1.14	2.94	1.41	6.61	0.01
S11		0.71	-0.4	0	-2.07	2.49	-0.01	-0.71	0.4	0	1.03	-0.57	0.01
S12		-2.7	-1.13	-2.73	1.64	-13.08	-0.01	2.7	1.13	2.73	1.42	-6.88	0.01
S13		0.58	-0.43	0	-2.11	2.48	-0.01	-0.58	0.43	0	0.97	-1	0.01
S14		0.6	-0.43	0	-2.1	2.37	-0.01	-0.6	0.43	0	0.99	-0.76	0.01
S15		0.64	-0.44	0	-2.11	2.34	-0.01	-0.64	0.44	0	0.99	-0.69	0.01
S01	ZEMİN KAT	1.05	0.41	0	-3.14	5.24	0	-1.05	-0.41	0	-2.09	-2.48	0
P01		14.24	0.77	0	-4.65	115.73	0	-14.24	-0.77	0	-2.59	-79.41	0
P02		14.24	-0.77	0	4.65	115.73	0	-14.24	0.77	0	2.59	-79.41	0
S02		1.07	0.41	0	-3.13	5.27	0	-1.07	-0.41	0	-2.09	-2.37	0
S03		1.15	0.41	0	-3.14	5.36	0	-1.15	-0.41	0	-2.09	-2.34	0
P03		15.73	0.77	0	-4.65	115.45	0	-15.73	-0.77	0	-2.59	-75.1	0
P04		15.73	-0.77	0	4.65	115.45	0	-15.73	0.77	0	2.59	-75.1	0
S04		-2.25	-0.58	3.98	1.22	18.94	0	2.25	0.58	-3.98	0.34	-12.97	0
S05		1.1	0.41	0	-3.13	5.29	0	-1.1	-0.41	0	-2.05	-2.31	0
S06		2.35	-0.6	3.79	1.25	19.02	0	-2.35	0.6	-3.79	0.37	13.12	0
S07		2.23	-0.89	0	1.49	18.89	0	-2.23	0.89	0	0.91	12.88	0
S08		0.27	-0.46	0	3.1	0.93	0	-0.27	0.46	0	1.84	-0.21	0
S09		2.23	-0.91	-0.03	1.52	18.89	0	-2.23	0.91	0.03	0.94	12.88	0
S10		2.25	-0.58	-3.98	1.22	-18.94	0	-2.25	0.58	3.98	0.34	12.97	0
S11		1.1	-0.41	0	3.13	5.29	0	-1.1	0.41	0	2.05	-2.31	0
S12		-2.36	-0.6	-3.76	1.25	-19.03	0	2.36	0.6	3.76	0.38	-13.12	0
S13		1.05	-0.41	0	3.14	5.24	0	-1.05	0.41	0	2.09	-2.48	0
S14		1.07	-0.41	0	3.13	5.27	0	-1.07	0.41	0	2.09	-2.37	0
S15		1.15	-0.41	0	3.14	5.36	0	-1.15	0.41	0	2.09	-2.34	0

R KATSAYISININ SEÇİM NEDENİ**Kesme Kuvveti Kontrolü 1. Deprem Yüklemesi**

Kat	Pt	aT	aS
ZEMİN KAT	8.1002	53.1479	0.1524
Panel	Pt		
P02	2.03		
P01	2.02		
P04	2.03		
P03	2.02		

Kesme Kuvveti Kontrolü 2. Deprem Yüklemesi

Kat	Pt	aT	aS
ZEMİN KAT	8.1002	53.1479	0.1524
Panel	Pt		
P02	2.02		
P01	2.03		
P04	2.02		
P03	2.03		

R KATSAYISININ SEÇİM NEDENİ

Kesme Kuvveti Kontrolü 3. Deprem Yüklemesi

Kat	Pt	aT	aS
ZEMİN KAT	50.5928	61.8921	0.8174
Panel	Pt		
P02	13.29		
P01	13.29		
P04	12		
P03	12		

Kesme Kuvveti Kontrolü 4. Deprem Yüklemesi

Kat	Pt	aT	aS
ZEMİN KAT	50.5928	61.8921	0.8174
Panel	Pt		
P02	12		
P01	12		
P04	13.3		
P03	13.3		

Deprem Bölgesi	1
Bina Önem Katsayısı	1
Bina Toplam Yüksekliği	10.8
Girilen R katsayısı (X/Y)	6.99 / 6.99
Seçilen R katsayısı (X/Y)	6.99 / 6.99
Max α_s -X	0.1524
Max α_s -Y	0.8174
10 - 4 α_s -Y	6.73
1.25 (η ci)min (X/Y)	1.00 / 1.00

HESAP YÖNTEMİNİN SEÇİM NEDENİ

Deprem Bölgesi	1
Bina Toplam Yüksekliği	10.8
A1 Düzensizliği	Yok
η bi	1.1
B2 Düzensizliği	Yok
η ki	1.92
Kullanılan Hesap Yöntemi	Dinamik

Vis/Vik ORANLARI

Kat	Vis1	Vik1	ai1	Vis2	Vik2	ai2	Vis3	Vik3	ai3	Vis4	Vik4	ai4
3. KAT	23.37	23.37	1	23.39	23.39	1	6.86	6.86	1	6.86	6.86	1
2. KAT	48	48	1	48	48	1	7.27	7.27	1	7.27	7.27	1
1. KAT	67.68	67.68	1	67.69	67.69	1	13.68	13.68	1	13.68	13.68	1
ZEMİN KAT	61.67	61.67	1	61.68	61.68	1	13.05	13.05	1	13.05	13.05	1

DÖŞEMELER

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ:	Taşıma Gücü	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI:	1.4
BETON KARAKTERİSTİK DAYANIMI(kg/cm2):	300	TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI:	1.6
BETON MALZEME KATSAYISI:	1.5	MAX DONATI ARALIĞI/DÖŞEME YÜKSEKLİĞİ:	1.5
BETON BASINÇ HESAP DAYANIMI (kg/cm2):	200	ÇİFT YÖNLÜ DÖŞEMELER ASAL DONATI MİN ORANI:	0.0025
PASPAYI (cm):	1.5	ÇİFT YÖNLÜ DÖŞEMELER DİĞER DONATI MİN ORANI:	0.0025
ÇELİK AKMA DAYANIMI (kg/cm2):	4200	TEK YÖNLÜ DÖŞEMELER ASAL DONATI MİN ORANI:	0.0025
ÇELİK MALZEME KATSAYISI:	1.15	TEK YÖNLÜ DÖŞEMELER DİĞER DONATI MİN ORANI:	0.0005
ÇELİK HESAP DAYANIMI (kg/cm2):	3652.17		

Döşeme Statik-Betonarme Sonuçları ve Donatıları

Aks	Kat	L	G	Q	d	MSI	AsI	iSI	MOr	AOr	ÜDzO	ADzO	Pilye	MSğ	ASğ	iSğ
D01	1Aks	3. KAT	3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.55	1.46	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.55	1.46	0.25	0.67	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.6	1.59	
	2Aks		3.55				-0.58	1.55	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D04	1Aks		3.55	450	200	0.12	-0.6	1.59	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.62	1.64	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.76	Ø8/36	Ø8/36	Ø8/36	-0.66	1.74	
	2Aks		3.55				-0.68	1.81	0.28	0.73	Ø8/36	Ø8/36	Ø8/36	-0.58	1.55	
D06	1Aks		3.55	450	200	0.12	-0.66	1.74	0.37	0.98	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.62	1.64	
D07	1Aks		3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				0	0	0.38	1.01	Ø8/36	Ø8/36	Ø8/36	-0.68	1.82	
D01	1Aks	2. KAT	3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.55	1.46	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.55	1.46	0.25	0.67	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				-0.66	1.74	0.35	0.91	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.6	1.59	
	2Aks		3.55				-0.58	1.55	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D04	1Aks		3.55	450	200	0.12	-0.6	1.59	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.62	1.64	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.65	1.73	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.76	Ø8/36	Ø8/36	Ø8/36	-0.66	1.74	
	2Aks		3.55				-0.68	1.81	0.28	0.73	Ø8/36	Ø8/36	Ø8/36	-0.58	1.55	
D06	1Aks		3.55	450	200	0.12	-0.66	1.74	0.37	0.98	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.62	1.64	
D07	1Aks		3.55	450	200	0.12	0	0	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		2.7				0	0	0.38	1.01	Ø8/36	Ø8/36	Ø8/36	-0.68	1.82	
D01	1Aks	1. KAT	3.55	450	200	0.12	-0.04	0.1	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.49	1.3	
	2Aks		2.7				-0.63	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.49	1.3	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.04	0.11	
	2Aks		2.7				-0.62	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.59	1.56	
	2Aks		3.55				-0.58	1.54	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.62	1.63	
D04	1Aks		3.55	450	200	0.12	-0.59	1.56	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.6	1.6	0.28	0.75	Ø8/36	Ø8/36	Ø8/36	-0.61	1.62	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.63	1.68	
	2Aks		3.55				-0.63	1.67	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.58	1.54	
D06	1Aks		3.55	450	200	0.12	-0.63	1.68	0.35	0.93	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.6	1.6	
D07	1Aks		3.55	450	200	0.12	-0.04	0.11	0.25	0.65	Ø8/36	Ø8/36	Ø8/36	-0.02	0.05	
	2Aks		2.7				0	0	0.33	0.86	Ø8/36	Ø8/36	Ø8/36	-0.64	1.71	
D01	1Aks	ZEMİN KAT	3.55	450	200	0.12	-0.04	0.1	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.49	1.3	
	2Aks		2.7				-0.63	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D02	1Aks		3.55	450	200	0.12	-0.49	1.3	0.25	0.66	Ø8/36	Ø8/36	Ø8/36	-0.04	0.11	
	2Aks		2.7				-0.62	1.66	0.31	0.81	Ø8/36	Ø8/36	Ø8/36	0	0	
D03	1Aks		3.55	450	200	0.12	0	0	0.3	0.78	Ø8/36	Ø8/36	Ø8/36	-0.59	1.56	
	2Aks		3.55				-0.58	1.53	0.29	0.75	Ø8/36	Ø8/36	Ø8/36	-0.61	1.63	
D04	1Aks		3.55	450	200	0.12	-0.59	1.56	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				-0.6	1.59	0.28	0.75	Ø8/36	Ø8/36	Ø8/36	-0.61	1.63	
D05	1Aks		3.55	450	200	0.12	0	0	0.29	0.77	Ø8/36	Ø8/36	Ø8/36	-0.63	1.68	
	2Aks		3.55				-0.63	1.68	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.58	1.53	
D06	1Aks		3.55	450	200	0.12	-0.63	1.68	0.35	0.93	Ø8/36	Ø8/36	Ø8/36	0	0	
	2Aks		3.55				0	0	0.28	0.74	Ø8/36	Ø8/36	Ø8/36	-0.6	1.59	
D07	1Aks		3.55	450	200	0.12	-0.04	0.11	0.25	0.65	Ø8/36	Ø8/36	Ø8/36	-0.02	0.05	
	2Aks		2.7				0	0	0.33	0.86	Ø8/36	Ø8/36	Ø8/36	-0.64	1.71	

KİRİŞLER

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	BETON KARAKTERİSTİK DAYANIMI(kg/cm ²) :	300
BETON MALZEME KATSAYISI :	1.5	BETON BASINÇ HESAP DAYANIMI (kg/cm ²) :	200
BETON ÇEKME HESAP DAYANIMI (kg/cm ²) :	12.78	PASPAYI (cm) :	3
ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200	ÇELİK MALZEME KATSAYISI :	1.15
ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17	ETRİYE ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200
ETRİYE ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI :	1.4
TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI :	1.6	SÜNEKLİK (X/Y):	YÜKSEK / YÜKSEK
MİNİMUM ÇEKME PURSANTAJI :	0.003	KAYMA DAYANIMINA BETON KATKISI :	Yönetmelik
KAYMA DAYANIMINA PİLYE KATKISI :	0		

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
K01	3. KAT	3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D01	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K02		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D02	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K03		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D01	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D03	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366			
K04		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D02	450/200	0.318	0.141	0.537	0.239	-0.349	-0.155	0.649	0.289	0.389	0.173
			D04	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
TOPLAM		0	0	2.305	0.499	0	0	2.568	0.616	1.598	0.366			
K05		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.599	0.266	0.44	0.195
			D05	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.598	0.266	0.439	0.195
TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391			
K06		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D06	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			D04	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391			
K07		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D07	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D05	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366			
K08		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D06	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
			TOPLAM		0	0	1.778	0.265	0	0	1.908	0.323	1.209	0.193
K09		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D07	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K10		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			TOPLAM		0	0	1.376	0	0	0	1.376	0	0.775	0
K11		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.353	0.157	0.356	0.158
			TOPLAM		0	0	1.292	0.195	0	0	1.197	0.153	1.131	0.158
K12		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.197	0.153	0	0	1.292	0.195	1.131	0.158
K13		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.335	0.149	0.348	0.155
			TOPLAM		0	0	1.292	0.195	0	0	1.179	0.145	1.123	0.155
K14		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	

KİRİŞLER

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391
K15		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
			D04	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391
K16		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			D02	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			TOPLAM		0	0	1.506	0.29	0	0	1.731	0.39	1.471	0.309
K17		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			TOPLAM		0	0	0.853	0	0	0	0.853	0	0.775	0
K18		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D02	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.197	0.153	0	0	1.292	0.195	1.131	0.158
K01	2. KAT	3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D01	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K02		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D02	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K03		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D01	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D03	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
			TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366
K04		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D02	450/200	0.318	0.141	0.537	0.239	-0.349	-0.155	0.649	0.289	0.389	0.173
			D04	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
			TOPLAM		0	0	2.305	0.499	0	0	2.568	0.616	1.598	0.366
K05		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.599	0.266	0.44	0.195
			D05	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.598	0.266	0.439	0.195
			TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391
K06		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D06	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			D04	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
			TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391
K07		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D07	450/200	0.349	0.155	0.649	0.289	-0.318	-0.141	0.537	0.239	0.389	0.173
			D05	450/200	0.385	0.171	0.715	0.318	-0.35	-0.156	0.608	0.27	0.434	0.193
			TOPLAM		0	0	2.568	0.616	0	0	2.305	0.499	1.598	0.366
K08		3.05	Zati		0.349		0.686		-0.349		0.686		0.45	
			Duvar		0.252		0.496		-0.252		0.496		0.325	
			D06	450/200	0.35	0.156	0.608	0.27	-0.385	-0.171	0.715	0.318	0.434	0.193
			TOPLAM		0	0	1.778	0.265	0	0	1.908	0.323	1.209	0.193
K09		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			D07	450/200	0.438	0.195	0.664	0.295	-0.438	-0.195	0.664	0.295	0.374	0.166
			TOPLAM		0	0	2.04	0.295	0	0	2.04	0.295	1.149	0.166
K10		3.55	Zati		0.473		0.799		-0.473		0.799		0.45	
			Duvar		0.341		0.577		-0.341		0.577		0.325	
			TOPLAM		0	0	1.376	0	0	0	1.376	0	0.775	0
K11		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.353	0.157	0.356	0.158
			TOPLAM		0	0	1.292	0.195	0	0	1.197	0.153	1.131	0.158
K12		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.107	0.153	0	0	1.202	0.105	1.131	0.158

KİRİŞLER

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D07	450/200	0.163	0.072	0.43	0.191	-0.144	-0.064	0.335	0.149	0.348	0.155
			TOPLAM		0	0	1.292	0.195	0	0	1.179	0.145	1.123	0.155
K14		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D05	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.598	0.266	0.439	0.195
			D06	450/200	0.362	0.161	0.698	0.31	-0.336	-0.15	0.599	0.266	0.44	0.195
			TOPLAM		0	0	2.557	0.628	0	0	2.323	0.524	1.654	0.391
K15		2.95	Zati		0.326		0.664		-0.326		0.664		0.45	
			Duvar		0.236		0.479		-0.236		0.479		0.325	
			D03	450/200	0.336	0.15	0.599	0.266	-0.362	-0.161	0.698	0.31	0.44	0.195
			D04	450/200	0.336	0.15	0.598	0.266	-0.362	-0.161	0.698	0.31	0.439	0.195
			TOPLAM		0	0	2.323	0.524	0	0	2.557	0.628	1.654	0.391
K16		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D01	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			D02	450/200	0.144	0.064	0.335	0.149	-0.163	-0.072	0.43	0.191	0.348	0.155
			TOPLAM		0	0	1.506	0.29	0	0	1.731	0.39	1.471	0.309
K17		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			TOPLAM		0	0	0.853	0	0	0	0.853	0	0.775	0
K18		2.2	Zati		0.182		0.495		-0.182		0.495		0.45	
			Duvar		0.131		0.358		-0.131		0.358		0.325	
			D02	450/200	0.144	0.064	0.353	0.157	-0.163	-0.072	0.43	0.191	0.356	0.158
			TOPLAM		0	0	1.197	0.153	0	0	1.292	0.195	1.131	0.158
K01	1. KAT	3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D01	450/200	0.401	0.178	0.638	0.283	-0.4	-0.178	0.635	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.952	0.282	1.149	0.166
K02		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D02	450/200	0.4	0.178	0.635	0.282	-0.401	-0.178	0.638	0.283	0.374	0.166
			TOPLAM		0	0	1.952	0.282	0	0	1.956	0.284	1.149	0.166
K03		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D01	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D03	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.549	0.244	0.421	0.187
			TOPLAM		0	0	2.414	0.59	0	0	2.1	0.451	1.612	0.372
K04		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D02	450/200	0.269	0.119	0.483	0.215	-0.293	-0.13	0.683	0.303	0.416	0.185
			D04	450/200	0.29	0.129	0.549	0.244	-0.315	-0.14	0.629	0.279	0.421	0.187
			TOPLAM		0	0	2.1	0.451	0	0	2.414	0.59	1.612	0.372
K05		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.546	0.243	0.433	0.192
			D05	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.546	0.243	0.432	0.192
			TOPLAM		0	0	2.367	0.579	0	0	2.142	0.478	1.64	0.384
K06		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D06	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.643	0.286	0.432	0.192
			D04	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.643	0.286	0.433	0.192
			TOPLAM		0	0	2.142	0.478	0	0	2.367	0.579	1.64	0.384
K07		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D07	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D05	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.549	0.244	0.421	0.187
			TOPLAM		0	0	2.414	0.59	0	0	2.1	0.451	1.612	0.372
K08		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D06	450/200	0.29	0.129	0.548	0.244	-0.315	-0.14	0.629	0.279	0.42	0.187
			TOPLAM		0	0	1.625	0.24	0	0	1.723	0.283	1.195	0.187
K09		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.553		-0.313		0.553		0.325	
			D07	450/200	0.401	0.178	0.638	0.283	-0.4	-0.178	0.635	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.952	0.282	1.149	0.166
K10		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			TOPLAM		0	0	1.317	0	0	0	1.317	0	0.775	0
K11		3	Zati		0.15		0.45		-0.15		0.45		0.45	

KİRİŞLER

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			D07	450/200	0.125	0.055	0.351	0.156	-0.114	-0.051	0.31	0.138	0.33	0.147
			TOPLAM		0	0	1.131	0.158	0	0	1.08	0.135	1.105	0.147
K12		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147
K13		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D07	450/200	0.128	0.057	0.371	0.165	-0.115	-0.051	0.311	0.138	0.341	0.152
			TOPLAM		0	0	1.153	0.168	0	0	1.08	0.135	1.116	0.152
K14		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D05	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.547	0.243	0.432	0.192
			D06	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.547	0.243	0.433	0.192
			TOPLAM		0	0	2.368	0.579	0	0	2.143	0.479	1.64	0.385
K15		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.643	0.286	0.433	0.192
			D04	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.643	0.286	0.432	0.192
			TOPLAM		0	0	2.143	0.479	0	0	2.368	0.579	1.64	0.385
K16		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			D02	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			TOPLAM		0	0	1.385	0.271	0	0	1.53	0.336	1.458	0.303
K17		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			TOPLAM		0	0	0.775	0	0	0	0.775	0	0.775	0
K18		2	Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D02	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147
K01	ZEMİN KAT	3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D01	450/200	0.401	0.178	0.638	0.284	-0.4	-0.178	0.634	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.951	0.282	1.149	0.166
K02		3.4	Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			D02	450/200	0.4	0.178	0.634	0.282	-0.401	-0.178	0.638	0.284	0.374	0.166
			TOPLAM		0	0	1.951	0.282	0	0	1.956	0.284	1.149	0.166
K03		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D01	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D03	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.548	0.244	0.42	0.187
			TOPLAM		0	0	2.414	0.591	0	0	2.099	0.451	1.612	0.372
K04		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D02	450/200	0.269	0.119	0.483	0.215	-0.293	-0.13	0.683	0.303	0.416	0.185
			D04	450/200	0.29	0.129	0.548	0.244	-0.315	-0.14	0.629	0.279	0.42	0.187
			TOPLAM		0	0	2.099	0.451	0	0	2.414	0.591	1.612	0.372
K05		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.546	0.243	0.432	0.192
			D05	450/200	0.31	0.138	0.642	0.285	-0.288	-0.128	0.546	0.243	0.432	0.192
			TOPLAM		0	0	2.366	0.578	0	0	2.142	0.479	1.64	0.384
K06		2.75	Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D06	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.642	0.285	0.432	0.192
			D04	450/200	0.288	0.128	0.546	0.243	-0.31	-0.138	0.643	0.286	0.432	0.192
			TOPLAM		0	0	2.142	0.479	0	0	2.366	0.578	1.64	0.384
K07		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D07	450/200	0.293	0.13	0.683	0.303	-0.269	-0.119	0.483	0.215	0.416	0.185
			D05	450/200	0.315	0.14	0.629	0.279	-0.29	-0.129	0.548	0.244	0.42	0.187
			TOPLAM		0	0	2.414	0.591	0	0	2.099	0.451	1.612	0.372
K08		2.8	Zati		0.294		0.63		-0.294		0.63		0.45	
			Duvar		0.212		0.455		-0.212		0.455		0.325	
			D06	450/200	0.29	0.129	0.548	0.244	-0.315	-0.14	0.629	0.279	0.42	0.187
			TOPLAM		0	0	1.625	0.24	0	0	1.723	0.283	1.195	0.187
K09		2.4	Zati		0.433		0.765		-0.433		0.765		0.45	

KİRİŞLER

Kiriş Yükleri

Kiriş	Katı	In/lo	Nereden	G/Q	Mg1	Mq1	Vg1	Vq1	Mg2	Mq2	Vg2	Vq2	Eşd. G	Eşd. Q
			D07	450/200	0.401	0.178	0.638	0.284	-0.4	-0.178	0.634	0.282	0.374	0.166
			TOPLAM		0	0	1.956	0.284	0	0	1.951	0.282	1.149	0.166
K10	3.4		Zati		0.433		0.765		-0.433		0.765		0.45	
			Duvar		0.313		0.552		-0.313		0.552		0.325	
			TOPLAM		0	0	1.318	0	0	0	1.318	0	0.775	0
K11	2		Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D07	450/200	0.125	0.055	0.351	0.156	-0.114	-0.051	0.31	0.138	0.33	0.147
			TOPLAM		0	0	1.131	0.158	0	0	1.08	0.135	1.105	0.147
K12	2		Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147
K13	2		Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D07	450/200	0.128	0.057	0.371	0.165	-0.115	-0.051	0.311	0.138	0.341	0.152
			TOPLAM		0	0	1.153	0.168	0	0	1.08	0.135	1.116	0.152
K14	2.75		Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D05	450/200	0.31	0.138	0.642	0.286	-0.288	-0.128	0.547	0.243	0.432	0.192
			D06	450/200	0.31	0.138	0.643	0.286	-0.288	-0.128	0.547	0.243	0.433	0.192
			TOPLAM		0	0	2.367	0.579	0	0	2.143	0.479	1.64	0.385
K15	2.75		Zati		0.284		0.619		-0.284		0.619		0.45	
			Duvar		0.205		0.447		-0.205		0.447		0.325	
			D03	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.643	0.286	0.433	0.192
			D04	450/200	0.288	0.128	0.547	0.243	-0.31	-0.138	0.642	0.286	0.432	0.192
			TOPLAM		0	0	2.143	0.479	0	0	2.367	0.579	1.64	0.385
K16	2		Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D01	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			D02	450/200	0.115	0.051	0.311	0.138	-0.128	-0.057	0.371	0.165	0.341	0.152
			TOPLAM		0	0	1.385	0.271	0	0	1.531	0.336	1.458	0.303
K17	2		Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			TOPLAM		0	0	0.775	0	0	0	0.775	0	0.775	0
K18	2		Zati		0.15		0.45		-0.15		0.45		0.45	
			Duvar		0.108		0.325		-0.108		0.325		0.325	
			D02	450/200	0.114	0.051	0.31	0.138	-0.125	-0.055	0.351	0.156	0.33	0.147
			TOPLAM		0	0	1.08	0.135	0	0	1.131	0.158	1.105	0.147

Kirişlerin Betonarme Hesap Sonuçları

Kiriş	Kat	Üst	Alt	Ve	Vd	Vcr	Vc	Asw/s	AçkMom	AçkMomYeri	Tabla	Moment0
SOL K01	3. KAT	G+Q-E1	0.9G+E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K02		G+Q-E1	0.9G+E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K03		G+Q-E1	0.9G+E1	2.83	4.58	14.21	0	3.15	3.65	1.630	78.8	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K04		G+Q-E1	0.9G+E1	2.83	4.58	14.21	0	3.15	3.38	1.420	78.8	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K05		G+Q-E1	0.9G+E1	2.87	4.58	14.21	0	3.15	3.54	1.570	77.2	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K06		0.9G-E1	G+Q+E1	2.87	4.58	14.21	0	3.15	3.32	1.380	77.2	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K07		G+Q-E2	0.9G+E2	2.83	4.58	14.21	0	3.15	3.65	1.630	78.8	0.3
SAĞ		G+Q+E2	0.9G-E2									0.3
SOL K08		G+Q-E2	0.9G+E2	2.06	3.19	14.21	0	3.15	2.36	1.464	54.4	0.3
SAĞ		G+Q+E2	0.9G-E2									0.3
SOL K09		G+Q-E2	0.9G+E2	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SAĞ		G+Q+E2	0.9G-E2									0.3
SOL K10		G+Q-E2	0.9G+E2	1.39	1.93	14.21	0	3.15	1.69	1.775	30	0.3
SAĞ		G+Q+E2	0.9G-E2									0.3
SOL K11		G+Q-E1	0.9G+E1	1.35	2.12	14.21	0	3.15	1.19	1.166	52	0.3
SAĞ		0.9G+E1	G+Q-E1									0.3
SOL K12		0.9G+E2	G+Q-E2	1.35	2.12	14.21	0	3.15	1.1	1.034	52	0.3
SAĞ		G+Q-E2	0.9G+E2									0.3
SOL K13		G+Q-E4	0.9G+E4	1.33	2.12	14.21	0	3.15	1.19	1.166	47.6	0.3
SAĞ		0.9G+E4	G+Q-E4									0.3
SOL K14		G+Q-E3	0.9G+E3	2.85	4.58	14.21	0	3.15	3.54	1.570	65.4	0.3
SAĞ		G+Q+E3	0.9G-E3									0.3
SOL K15		G+Q-E3	0.9G+E3	2.85	4.58	14.21	0	3.15	3.32	1.380	65.4	0.3
SAĞ		G+Q+E3	0.9G-E3									0.3
SOL K16		0.9G-E3	G+Q+E3	1.8	3.05	14.21	0	3.15	1.56	1.013	65.2	0.3
SAĞ		G+Q+E3	0.9G-E3									0.3
SOL K17		G+Q-E1	0.9G-E1	0.86	1.19	14.21	0	3.15	0.65	1.100	30	0.3
SAĞ		0.9G-E1	G+Q+E1									0.3
SOL K18		0.9G-E2	G+Q+E2	1.35	2.12	14.21	0	3.15	1.1	1.034	52	0.3
SAĞ		G+Q+E2	0.9G-E2									0.3
SOL K01	2. KAT	G+Q-E1	0.9G+E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K02		G+Q-E1	0.9G+E1	2.35	3.33	14.21	0	3.15	3.13	1.775	58.4	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K03		G+Q-E1	0.9G+E1	2.83	4.58	14.21	0	3.15	3.65	1.630	78.8	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K04		G+Q-E1	0.9G+E1	2.83	4.58	14.21	0	3.15	3.38	1.420	78.8	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3
SOL K05		G+Q-E1	0.9G+E1	2.87	4.58	14.21	0	3.15	3.54	1.570	77.2	0.3
SAĞ		G+Q+E1	0.9G-E1									0.3

Kirişlerin Donatıları

Kiriş Kat	bw	hk	In	MdÜst	MdAlt	HesÜst	HesAlt	MevÜst	MevAlt	Montaj	Düz	Pilye	Gövde	Etriye	Üstlv	Altlv
SAĞ				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL				0	0	5.13	2.67	5.34	5.65						2Ø14	
K14	0.3	0.6	2.75	0	3.06	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ				0	0	5.13	2.67	5.34	11.31						2Ø14	
SOL				0	0	5.13	2.67	5.34	11.31						2Ø14	
K15	0.3	0.6	2.75	0	2.88	2.26	5.13	2.26	5.65	2Ø12	5Ø12		2Ø12	Ø8/18/9		
SAĞ				0	0	5.13	2.83	5.65	5.65						1Ø12	
SOL				0	0	5.13	2.83	5.65	5.65						1Ø12	
K16	0.3	0.6	2	0	1.29	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL				0	0	5.13	2.67	5.34	5.65						2Ø14	
K17	0.3	0.6	2	0	0.54	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ				0	0	5.13	2.67	5.34	5.65						2Ø14	
SOL				0	0	5.13	2.67	5.34	5.65						2Ø14	
K18	0.3	0.6	2	0	0.91	2.26	5.13	2.26	5.65	2Ø12	5Ø12		4Ø12	Ø8/18/9		
SAĞ				0	0	5.13	2.67	5.34	5.65						2Ø14	

Deprem Yönetmeliği Kiriş Tahkikleri

İsim	bw	hk	ln	fctd/fyd	Sol ru	Sağ ru	Vr	0.22bwdfcd	Vei	Vej	Vei(R=2)	Vej(R=2)	Vdyi	Vdyj	Mpiust	Mpialt	Mpjüst	Mpjalt
3. KAT																		
K01	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	18.93	9.68	15.9	9.68
K03	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.21	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K04	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.17	14.72	2.83	3.21	4.03	4.58	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	15.07	14.58	3.21	2.87	4.58	4.09	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	14.58	15.07	2.87	3.21	4.09	4.58	15.04	15.9	15.04	15.9
K07	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.21	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K08	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	13.06	13.33	2.06	2.25	2.91	3.19	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	9.99	9.99	1.39	1.39	1.93	1.93	18.93	9.68	15.9	9.68
K11	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.98	1.49	1.35	2.12	1.92	15.04	15.9	15.04	15.9
K12	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
K13	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.95	1.49	1.33	2.12	1.88	15.04	15.9	15.04	15.9
K14	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	20.06	19.57	3.19	2.85	4.58	4.09	15.04	15.9	15.04	30.62
K15	0.3	0.6	2.95	0.0035	0.0031	0.0033	23.25	75.24	19.86	20.35	2.85	3.19	4.09	4.58	15.04	30.62	15.9	15.9
K16	0.3	0.6	2.2	0.0035	0.0033	0.0031	23.25	75.24	17.02	17.5	1.8	2.12	2.57	3.05	15.9	15.9	15.04	15.9
K17	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.26	15.26	0.86	0.86	1.19	1.19	15.04	15.9	15.04	15.9
K18	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
2. KAT																		
K01	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	18.93	9.68	15.9	9.68
K03	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.2	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K04	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.17	14.72	2.83	3.2	4.03	4.58	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	15.07	14.58	3.21	2.87	4.58	4.09	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	14.58	15.07	2.87	3.21	4.09	4.58	15.04	15.9	15.04	15.9
K07	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	14.72	14.17	3.2	2.83	4.58	4.03	15.04	15.9	15.04	15.9
K08	0.3	0.6	3.05	0.0035	0.0031	0.0031	23.25	75.24	13.06	13.33	2.06	2.25	2.91	3.19	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.55	0.0035	0.0033	0.004	23.25	75.24	11.39	11.39	2.35	2.35	3.33	3.33	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.55	0.0035	0.004	0.0033	23.25	75.24	9.99	9.99	1.39	1.39	1.93	1.93	18.93	9.68	15.9	9.68
K11	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.98	1.49	1.35	2.12	1.92	15.04	15.9	15.04	15.9
K12	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
K13	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	16.18	15.95	1.49	1.33	2.12	1.88	15.04	15.9	15.04	15.9
K14	0.3	0.6	2.95	0.0035	0.0031	0.0031	23.25	75.24	20.06	19.57	3.19	2.85	4.58	4.09	15.04	15.9	15.04	30.62
K15	0.3	0.6	2.95	0.0035	0.0031	0.0033	23.25	75.24	19.86	20.35	2.85	3.19	4.09	4.58	15.04	30.62	15.9	15.9
K16	0.3	0.6	2.2	0.0035	0.0033	0.0031	23.25	75.24	17.02	17.5	1.8	2.12	2.57	3.05	15.9	15.9	15.04	15.9
K17	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.26	15.26	0.86	0.86	1.19	1.19	15.04	15.9	15.04	15.9
K18	0.3	0.6	2.2	0.0035	0.0031	0.0031	23.25	75.24	15.98	16.18	1.35	1.49	1.92	2.12	15.04	15.9	15.04	15.9
1. KAT																		
K01	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	11.6	11.61	2.24	2.25	3.18	3.19	18.93	9.68	15.9	9.68
K03	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.57	4.32	3.66	15.04	15.9	15.04	15.9
K04	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	14.71	15.37	2.57	3.02	3.66	4.32	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.49	15.01	2.97	2.64	4.24	3.76	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.01	15.49	2.64	2.97	3.76	4.24	15.04	15.9	15.04	15.9
K07	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.57	4.32	3.66	15.04	15.9	15.04	15.9
K08	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	13.71	13.91	1.88	2.02	2.66	2.86	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	10.26	10.26	1.33	1.33	1.84	1.84	18.93	9.68	15.9	9.68
K11	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.31	17.2	1.29	1.22	1.84	1.73	15.04	15.9	15.04	15.9
K12	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.2	17.31	1.22	1.29	1.73	1.84	15.04	15.9	15.04	15.9
K13	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.35	17.2	1.32	1.22	1.88	1.73	15.04	15.9	15.04	15.9
K14	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	20.85	20.37	2.95	2.62	4.24	3.77	15.04	15.9	15.04	30.62
K15	0.3	0.6	2.75	0.0035	0.0031	0.0033	23.25	75.24	20.68	21.16	2.62	2.95	3.77	4.24	15.04	30.62	15.9	15.9
K16	0.3	0.6	2	0.0035	0.0033	0.0031	23.25	75.24	18.27	18.58	1.66	1.87	2.37	2.68	15.9	15.9	15.04	15.9
K17	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	16.55	16.55	0.78	0.78	1.08	1.08	15.04	15.9	15.04	15.9
K18	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.2	17.31	1.22	1.29	1.73	1.84	15.04	15.9	15.04	15.9
ZEMİN KAT																		
K01	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K02	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	11.6	11.61	2.24	2.25	3.18	3.19	18.93	9.68	15.9	9.68
K03	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.56	4.32	3.66	15.04	15.9	15.04	15.9
K04	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	14.71	15.37	2.56	3.02	3.66	4.32	15.04	15.9	15.04	15.9
K05	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.49	15.02	2.96	2.63	4.24	3.77	15.04	15.9	15.04	15.9
K06	0.3	0.6	2.75	0.0035	0.0031	0.0031	23.25	75.24	15.02	15.49	2.63	2.96	3.77	4.24	15.04	15.9	15.04	15.9
K07	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	15.37	14.71	3.02	2.56	4.32	3.66	15.04	15.9	15.04	15.9
K08	0.3	0.6	2.8	0.0035	0.0031	0.0031	23.25	75.24	13.71	13.91	1.87	2.02	2.66	2.86	15.04	15.9	15.04	15.9
K09	0.3	0.6	3.4	0.0035	0.0033	0.004	23.25	75.24	11.61	11.6	2.25	2.24	3.19	3.18	15.9	9.68	18.93	9.68
K10	0.3	0.6	3.4	0.0035	0.004	0.0033	23.25	75.24	10.26	10.26	1.32	1.32	1.84	1.84	18.93	9.68	15.9	9.68
K11	0.3	0.6	2	0.0035	0.0031	0.0031	23.25	75.24	17.31	17.2	1.29	1.22	1.84	1.73	15.04	15.9	15.04	15.9
K12	0.3	0.6	2	0.0035	0.003													

KOLONLAR

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI :	1.4
BETON KARAKTERİSTİK DAYANIMI(kg/cm ²) :	300	TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI :	1.6
BETON MALZEME KATSAYISI :	1.5	SÜNEKLİK (X/Y):	YÜKSEK / YÜKSEK
BETON BASINÇ HESAP DAYANIMI (kg/cm ²) :	200	KOLON MİNİMUM PURSANTAJI :	0.01
PASPAYI (cm) :	3	PERDE TANIM ORANI (Bx/Hy) :	7
ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200	PERDE MİNİMUM UÇ PURSANTAJI :	0.001
ÇELİK MALZEME KATSAYISI :	1.15	PERDE MİNİMUM GÖVDE PURSANTAJI :	0.0025
ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17	ETRİYE ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17
ETRİYE ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200		

Kolonların Betonarme Hesap Sonuçları

İsim	NdMax	Yükleme	NdMin	Yükleme	Acfcck	AshMaj	AshMin	VeMaj	VeMin	VcrMaj	VcrMin	VcMaj	VcMin	Asw/sMaj	Asw/sMin
3. KAT															
S01	7.89	1.4G+1.6Q	4.52	0.9G+E2	720	0.94	2.83	0.1	1.44	19.19	17.94	15.35	14.35	2.83	8.08
S02	12.31	1.4G+1.6Q	6.83	0.9G-E4	720	0.94	2.83	0.15	1.23	19.19	17.94	15.35	14.35	2.83	8.08
S03	7.89	1.4G+1.6Q	4.52	0.9G-E2	720	0.94	2.83	0.1	1.44	19.19	17.94	15.35	14.35	2.83	8.08
S04	9.13	1.4G+1.6Q	4.33	0.9G-E4	720	0.94	2.83	9.35	3.06	19.19	17.94	15.35	14.35	2.83	8.08
S05	17.86	1.4G+1.6Q	9.42	0.9G+E4	720	0.94	2.83	1.71	1.21	19.19	17.94	15.35	14.36	2.83	8.08
S06	9.16	1.4G+1.6Q	4.34	0.9G-E3	720	0.94	2.83	9.35	3.05	19.19	17.94	15.35	14.35	2.83	8.08
S07	7.29	1.4G+1.6Q	3.95	0.9G+E2	720	0.94	2.83	9.29	1.27	19.19	17.94	15.35	14.35	2.83	8.08
S08	18.91	1.4G+1.6Q	9.96	0.9G-E4	750	1.6	1.6	1.72	4.11	19.52	19.52	15.62	15.62	4.93	4.93
S09	7.2	1.4G+1.6Q	3.9	0.9G+E4	720	0.94	2.83	9.29	1.28	19.19	17.94	15.35	14.35	2.83	8.08
S10	9.11	1.4G+1.6Q	4.32	0.9G+E4	720	0.94	2.83	9.34	3.06	19.19	17.94	15.35	14.35	2.83	8.08
S11	16.05	1.4G+1.6Q	8.66	0.9G-E2	720	0.94	2.83	1.37	1.28	19.19	17.94	15.35	14.36	2.83	8.08
S12	6.87	1.4G+1.6Q	3.38	0.9G+E3	720	0.94	2.83	9.23	3.04	19.19	17.94	15.35	14.35	2.83	8.08
S13	7.89	1.4G+1.6Q	4.52	0.9G+E1	720	0.94	2.83	0.09	1.44	19.19	17.94	15.35	14.35	2.83	8.08
S14	9.81	1.4G+1.6Q	5.77	0.9G-E2	720	0.94	2.83	0.2	1.29	19.19	17.94	15.35	14.35	2.83	8.08
S15	5.39	1.4G+1.6Q	3.46	0.9G-E1	720	0.94	2.83	0.05	1.35	19.19	17.94	15.35	14.35	2.83	8.08
2. KAT															
S01	15.77	1.4G+1.6Q	9.05	0.9G+E2	720	0.94	2.83	1.33	3.05	19.19	17.94	15.35	14.36	2.83	8.08
S02	24.62	1.4G+1.6Q	13.66	0.9G-E4	720	0.94	2.83	1.27	3.02	19.19	17.94	15.35	14.36	2.83	8.08
S03	15.77	1.4G+1.6Q	9.05	0.9G-E2	720	0.94	2.83	1.33	3.05	19.19	17.94	15.35	14.36	2.83	8.08
S04	18.2	1.4G+1.6Q	8.26	0.9G-E4	720	0.94	2.83	8.53	2.41	19.19	17.94	15.35	14.36	2.83	8.08
S05	35.71	1.4G+1.6Q	18.85	0.9G+E4	720	0.94	2.83	1.89	2.86	19.19	17.94	15.35	14.36	2.83	8.08
S06	18.25	1.4G+1.6Q	8.28	0.9G-E3	720	0.94	2.83	8.53	2.4	19.19	17.94	15.35	14.36	2.83	8.08
S07	14.71	1.4G+1.6Q	7.97	0.9G+E2	720	0.94	2.83	7.57	1.06	19.19	17.94	15.35	14.36	2.83	8.08
S08	37.82	1.4G+1.6Q	19.92	0.9G-E4	750	1.6	1.6	1.05	3.97	19.52	19.52	15.62	15.62	4.93	4.93
S09	14.5	1.4G+1.6Q	7.87	0.9G+E4	720	0.94	2.83	7.57	1.07	19.19	17.94	15.35	14.36	2.83	8.08
S10	18.16	1.4G+1.6Q	8.24	0.9G+E4	720	0.94	2.83	8.53	2.41	19.19	17.94	15.35	14.36	2.83	8.08
S11	32.1	1.4G+1.6Q	17.31	0.9G-E2	720	0.94	2.83	1.71	2.89	19.19	17.94	15.35	14.36	2.83	8.08
S12	13.7	1.4G+1.6Q	6.36	0.9G+E3	720	0.94	2.83	8.58	2.38	19.19	17.94	15.35	14.36	2.83	8.08
S13	15.77	1.4G+1.6Q	9.05	0.9G+E1	720	0.94	2.83	1.33	3.05	19.19	17.94	15.35	14.36	2.83	8.08
S14	19.63	1.4G+1.6Q	11.53	0.9G-E2	720	0.94	2.83	1.25	3.04	19.19	17.94	15.35	14.36	2.83	8.08
S15	10.77	1.4G+1.6Q	6.92	0.9G-E1	720	0.94	2.83	1.3	3.03	19.19	17.94	15.35	14.36	2.83	8.08
1. KAT															
S01	25.03	1.4G+1.6Q	14.44	0.9G+E2	1200	1.12	3.05	2.55	5.04	32.23	30.74	25.79	24.59	3.88	10.18
S02	38.23	1.4G+1.6Q	21.32	0.9G-E4	1200	1.12	3.05	2.83	4.92	32.23	30.74	25.79	24.59	3.88	10.18
S03	25.03	1.4G+1.6Q	14.44	0.9G-E2	1200	1.12	3.05	2.55	5.05	32.23	30.74	25.79	24.59	3.88	10.18
S04	28.85	1.4G+1.6Q	12.96	0.9G-E4	1200	1.12	3.05	14.22	4.26	32.23	30.74	25.79	24.59	3.88	10.18
S05	54.27	1.4G+1.6Q	28.79	0.9G+E4	1200	1.12	3.05	3.76	4.61	32.23	30.74	25.79	24.59	3.88	10.18
S06	28.91	1.4G+1.6Q	12.98	0.9G-E3	1200	1.12	3.05	14.2	4.26	32.23	30.74	25.79	24.59	3.88	10.18
S07	23.32	1.4G+1.6Q	12.74	0.9G+E2	1200	1.12	3.05	8.42	1.98	32.23	30.74	25.79	24.59	3.88	10.18
S08	55.44	1.4G+1.6Q	29.23	0.9G-E4	750	1.6	1.6	0.81	0.58	19.52	19.52	15.62	15.62	4.93	4.93
S09	23.06	1.4G+1.6Q	12.63	0.9G+E4	1200	1.12	3.05	12.24	1.97	32.23	30.74	25.79	24.59	3.88	10.18
S10	28.78	1.4G+1.6Q	12.93	0.9G+E4	1200	1.12	3.05	14.22	4.27	32.23	30.74	25.79	24.59	3.88	10.18
S11	49.02	1.4G+1.6Q	26.55	0.9G-E2	1200	1.12	3.05	3.44	4.66	32.23	30.74	25.79	24.59	3.88	10.18
S12	22.07	1.4G+1.6Q	10.09	0.9G+E3	1200	1.12	3.05	14.18	4.18	32.23	30.74	25.79	24.59	3.88	10.18
S13	25.03	1.4G+1.6Q	14.44	0.9G+E1	1200	1.12	3.05	2.57	5.04	32.23	30.74	25.79	24.59	3.88	10.18
S14	30.7	1.4G+1.6Q	18.11	0.9G-E2	1200	1.12	3.05	2.76	4.99	32.23	30.74	25.79	24.59	3.88	10.18
S15	17.48	1.4G+1.6Q	11.23	0.9G-E1	1200	1.12	3.05	2.48	5.03	32.23	30.74	25.79	24.59	3.88	10.18
ZEMİN KAT															
S01	34.29	1.4G+1.6Q	19.84	0.9G+E2	1200	1.12	3.05	3.99	4.75	32.23	30.74	25.79	24.59	3.88	10.18
S02	51.83	1.4G+1.6Q	28.97	0.9G-E4	1200	1.12	3.05	3.78	4.59	32.23	30.74	25.79	24.59	3.88	10.18
S03	34.29	1.4G+1.6Q	19.84	0.9G-E2	1200	1.12	3.05	3.99	4.76	32.23	30.74	25.79	24.59	3.88	10.18
S04	39.33	1.4G+1.6Q	17.76	0.9G-E4	1200	1.12	3.05	26.46	2.12	32.23	30.74	25.79	24.59	3.88	10.18
S05	72.83	1.4G+1.6Q	38.74	0.9G+E4	1200	1.12	3.05	3.88	4.71	32.23	30.74	25.79	24.59	3.88	10.18
S06	39.4	1.4G+1.6Q	17.79	0.9G-E3	1200	1.12	3.05	26.48	2.12	32.23	30.74	25.79	24.59	3.88	10.18
S07	32.25	1.4G+1.6Q	17.7	0.9G+E2	1200	1.12	3.05	26.26	3.16	32.23	30.74	25.79	24.59	3.88	10.18
S08	73.05	1.4G+1.6Q	38.55	0.9G-E4	750	1.6	1.6	0.93	5.41	19.52	19.52	15.62	15.62	4.93	4.93
S09	31.95	1.4G+1.6Q	17.57	0.9G+E4	1200	1.12	3.05	26.27	3.17	32.23	30.74	25.79	24.59	3.88	10.18
S10	39.25	1.4G+1.6Q	17.72	0.9G+E4	1200	1.12	3.05	26.47	2.12	32.23	30.74	25.79	24.59	3.88	10.18
S11	65.93	1.4G+1.6Q	35.8	0.9G-E2	1200	1.12	3.05	3.91	4.74	32.23	30.74	25.79	24.59	3.88	10.18

KOLONLAR

Kolonların Betonarme Hesap Sonuçları

İsim	NdMax	Yükleme	NdMin	Yükleme	Acfck	AshMaj	AshMin	VeMaj	VeMin	VcrMaj	VcrMin	VcMaj	VcMin	Asw/sMaj	Asw/sMin
S14	41.78	1.4G+1.6Q	24.68	0.9G-E2	1200	1.12	3.05	3.75	4.62	32.23	30.74	25.79	24.59	3.88	10.18
S15	24.19	1.4G+1.6Q	15.54	0.9G-E1	1200	1.12	3.05	3.96	4.7	32.23	30.74	25.79	24.59	3.88	10.18

İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)

Kat	Değer	Yükleme E1	Yükleme E2	Yükleme E3	Yükleme E4
3. KAT	Duraylılık	0.00123	0.00125	0.000574	0.000573
3. KAT	di	0.000447	0.000452	0.000243	0.000242
3. KAT	Top. Ndi / Li	42.81	42.81	42.81	42.81
3. KAT	Vfi	23.32	23.32	27.15	27.15
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					
2. KAT	Duraylılık	0.00187	0.00188	0.000649	0.000647
2. KAT	di	0.000595	0.000599	0.00024	0.00024
2. KAT	Top. Ndi / Li	85.57	85.57	85.57	85.57
2. KAT	Vfi	40.85	40.85	47.55	47.55
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					
1. KAT	Duraylılık	0.00176	0.00177	0.000586	0.000586
1. KAT	di	0.000476	0.000478	0.000184	0.000184
1. KAT	Top. Ndi / Li	131.95	131.95	131.95	131.95
1. KAT	Vfi	53.47	53.47	62.27	62.27
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					
ZEMİN KAT	Duraylılık	0.00131	0.00131	0.000366	0.000366
ZEMİN KAT	di	0.000291	0.000292	9.5E-5	9.5E-5
ZEMİN KAT	Top. Ndi / Li	178.88	178.88	178.88	178.88
ZEMİN KAT	Vfi	59.79	59.79	69.63	69.63
X yönünde yanal ötelenme önlenmiş. Y yönünde yanal ötelenme önlenmiş.					

İsim	Kat	Yön	aa	ab	k	Nk	Nd	M1	M2	CM	El. b	Sel. b
S01	3. KAT	Majör	10	9.44	1	19239.3	4.53	-0.02	0.06	0.48	1	1
		Minör	3.62	1.81	0.94	3058.13	4.53	-0.27	-1.1	0.5	1	1
S02		Majör	10	8.59	1	19549.2	6.83	-0.07	-0.24	0.48	1	1
		Minör	1.81	0.91	0.9	3429.75	6.83	0.04	0.91	0.58	1	1
S03		Majör	10	9.44	1	19239.3	4.53	-0.02	0.06	0.49	1	1
		Minör	3.62	1.81	0.94	3058.13	4.53	0.27	1.1	0.5	1	1
S04		Majör	10	10	1	19676.52	4.96	0.79	7.13	0.56	1	1
		Minör	2.65	1.33	0.92	3295.14	4.96	-0.2	-0.23	0.4	1	1
S05		Majör	9.48	4.74	1	20001.73	9.42	-0.67	-1.24	0.4	1	1
		Minör	1.42	0.71	0.89	3588.06	9.42	0	0	0.4	1	1
S06		Majör	10	10	1	19682.7	4.97	-0.78	-7.15	0.56	1	1
		Minör	2.65	1.33	0.92	3296.17	4.97	-0.19	-0.22	0.4	1	1
S07		Majör	10	9.89	1	19756.49	3.96	0.83	7.18	0.55	1	1
		Minör	10	10	1	2778.26	3.96	0.15	0.15	0.4	1	1
S08		Majör	4.3	2.15	0.96	8884.18	9.96	0	0	0.4	1	1
		Minör	4.02	2.01	0.95	9015.97	9.96	0.08	3.11	0.59	1	1
S09		Majör	10	9.89	1	19732.46	3.92	-0.82	-7.2	0.55	1	1
		Minör	10	10	1	2774.88	3.92	-0.16	-0.16	0.4	1	1
S10		Majör	10	10	1	19672.5	4.95	0.79	7.13	0.56	1	1
		Minör	2.65	1.33	0.92	3294.46	4.95	0.2	0.24	0.4	1	1
S11		Majör	10	5.08	1	19808.81	8.66	0.5	0.95	0.4	1	1
		Minör	1.52	0.76	0.89	3532.01	8.66	0.04	0.06	0.4	1	1
S12		Majör	10	10	1	19040.02	3.99	-0.65	-7.06	0.56	1	1
		Minör	3.32	1.66	0.93	3075.51	3.99	0.14	0.17	0.4	1	1
S13		Majör	10	9.44	1	19239.29	4.53	0.02	-0.06	0.48	1	1
		Minör	3.62	1.81	0.94	3058.13	4.53	-0.27	-1.1	0.5	1	1
S14		Majör	10	9.79	1	19028.73	5.77	0.11	0.27	0.44	1	1
		Minör	2.06	1.03	0.9	3293.16	5.77	0.11	0.95	0.56	1	1
S15		Majör	10	10	1	18212.39	3.47	0.03	-0.04	0.4	1	1
		Minör	4.76	2.38	0.97	2727.85	3.47	0.2	1.04	0.52	1	1
S01	2. KAT	Majör	10	10	1	19239.3	9.07	-0.07	-0.55	0.55	1	1
		Minör	6.99	3.62	1	2705.53	9.07	0.76	-3.14	0.5	1	1
S02		Majör	10	10	1	19549.2	13.67	-0.19	-0.51	0.45	1	1
		Minör	3.49	1.81	0.94	3107.39	13.67	0.83	-3.16	0.5	1	1
S03		Majör	10	10	1	19239.3	9.07	-0.07	-0.55	0.55	1	1
		Minör	6.99	3.62	1	2705.53	9.07	-0.77	3.14	0.5	1	1
S04		Majör	10	10	1	19677.44	9.85	-6.39	21.19	0.48	1	1

KOLONLAR

İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)

İsim	Kat	Yön	aa	ab	k	Nk	Nd	M1	M2	CM	El. b	Sel. b
		Minör	2.68	1.42	0.92	3317.53	18.85	0.84	-3.06	0.49	1	1
		Majör	10	10	1	19683.53	9.87	6.41	-21.2	0.48	1	1
S06		Minör	5.05	2.65	0.98	2866.13	9.87	-0.19	-0.24	0.4	1	1
		Majör	10	10	1	19753.63	8	-6.33	21.04	0.48	1	1
S07		Minör	10	10	1	2777.85	8	0.12	0.12	0.4	1	1
		Majör	4.14	4.3	1	8146.93	19.92	0	0	0.43	1	1
S08		Minör	3.88	4.02	1	8146.93	19.92	-3.24	6.3	0.4	1	1
		Majör	10	10	1	19726.3	7.91	6.35	-21.06	0.48	1	1
S09		Minör	10	10	1	2774.01	7.91	-0.12	-0.13	0.4	1	1
		Majör	10	10	1	19673.31	9.83	-6.39	21.19	0.48	1	1
S10		Minör	5.05	2.65	0.98	2864.65	9.83	0.19	0.25	0.4	1	1
		Majör	10	10	1	19808.81	17.31	0.26	0.65	0.44	1	1
S11		Minör	2.88	1.52	0.93	3247.57	17.31	-0.82	3.08	0.49	1	1
		Majör	10	10	1	19043.07	7.93	6.45	-21.21	0.48	1	1
S12		Minör	6.21	3.32	1	2677.93	7.93	0.14	0.19	0.4	1	1
		Majör	10	10	1	19239.29	9.07	0.07	0.55	0.55	1	1
S13		Minör	6.99	3.62	1	2705.53	9.07	0.76	-3.14	0.5	1	1
		Majör	10	10	1	19028.73	11.54	0.18	0.47	0.44	1	1
S14		Minör	3.95	2.06	0.95	2947.29	11.54	-0.81	3.19	0.5	1	1
		Majör	10	10	1	18212.39	6.93	0.06	0.5	0.55	1	1
S15		Minör	9.09	4.76	1	2561.12	6.93	-0.79	3.14	0.5	1	1
	1. KAT	Majör	10	10	1	49965.39	14.47	-0.26	-0.42	0.4	1	1
S01		Minör	10	6.99	1	7994.46	14.47	3.28	-7.04	0.41	1	1
		Majör	10	10	1	50795.73	21.32	-0.43	-1.26	0.46	1	1
S02		Minör	5.22	3.49	1	8127.32	21.32	3.18	-6.93	0.42	1	1
		Majör	10	10	1	49965.36	14.47	-0.26	-0.42	0.4	1	1
S03		Minör	10	6.99	1	7994.46	14.47	-3.28	7.03	0.41	1	1
		Majör	10	10	1	51080.21	15.75	-21.48	43.32	0.4	1	1
S04		Minör	7.55	5.05	1	8172.83	15.75	-0.27	-0.41	0.4	1	1
		Majör	10	10	1	51965.03	28.8	-0.71	-1.87	0.45	1	1
S05		Minör	4.01	2.68	0.98	8586.29	28.8	3.35	-6.88	0.4	1	1
		Majör	10	10	1	51092.34	15.77	21.5	-43.3	0.4	1	1
S06		Minör	7.55	5.05	1	8174.78	15.77	-0.27	-0.41	0.4	1	1
		Majör	10	10	1	51231.23	12.78	-20.89	43.39	0.41	1	1
S07		Minör	10	10	1	8197	12.78	0.05	0.07	0.4	1	1
		Majör	4.14	4.14	1	8142.35	29.23	0	0	0.6	1	1
S08		Minör	3.88	3.88	1	8142.35	29.23	-5.56	6.01	0.4	1	1
		Majör	10	10	1	51174.61	12.67	20.9	-43.38	0.41	1	1
S09		Minör	10	10	1	8187.94	12.67	-0.05	-0.06	0.4	1	1
		Majör	10	10	1	51068.35	15.72	-21.47	43.32	0.4	1	1
S10		Minör	7.55	5.05	1	8170.94	15.72	0.28	0.42	0.4	1	1
		Majör	10	10	1	51474.81	26.56	0.55	1.56	0.46	1	1
S11		Minör	4.3	2.88	0.99	8338.37	26.56	-3.3	6.93	0.41	1	1
		Majör	10	10	1	49494.3	12.85	21.5	-43.22	0.4	1	1
S12		Minör	9.29	6.21	1	7919.09	12.85	0.19	0.28	0.4	1	1
		Majör	10	10	1	49965.34	14.47	0.3	0.42	0.4	1	1
S13		Minör	10	6.99	1	7994.46	14.47	3.28	-7.03	0.41	1	1
		Majör	10	10	1	49469.76	18.11	0.45	1.13	0.44	1	1
S14		Minör	5.91	3.95	1	7915.16	18.11	-3.12	6.98	0.42	1	1
		Majör	10	10	1	47428.11	11.25	0.28	0.28	0.4	1	1
S15		Minör	10	9.09	1	7588.5	11.25	-3.25	7.01	0.41	1	1
	ZEMİN KAT	Majör	0	10	0.85	69069.42	19.87	0.16	0.22	0.4	1	1
S01		Minör	0	10	0.85	11051.11	19.87	6.71	-10.4	0.4	1	1
		Majör	0	10	0.85	70230.79	28.97	0	0.02	0.58	1	1
S02		Minör	0	5.22	0.85	11236.93	28.97	6.83	-10.37	0.4	1	1
		Majör	0	10	0.85	69069.55	19.87	0.16	0.22	0.4	1	1
S03		Minör	0	10	0.85	11051.13	19.87	-6.71	10.4	0.4	1	1
		Majör	0	10	0.85	70592.46	21.92	-42.43	63.22	0.4	1	1
S04		Minör	0	7.55	0.85	11294.79	21.92	-0.05	-0.08	0.4	1	1
		Majör	0	10	0.85	71840.62	38.74	0	-0.07	0.57	1	1
S05		Minör	0	4.01	0.85	11494.5	38.74	-6.76	10.4	0.4	1	1
		Majör	0	10	0.85	70606.18	21.95	42.42	-63.24	0.4	1	1
S06		Minör	0	7.55	0.85	11296.99	21.95	-0.05	-0.08	0.4	1	1
		Majör	0	10	0.85	70778.99	17.75	-42.47	63.15	0.4	1	1
S07		Minör	0	10	0.85	11324.64	17.75	0.03	0.03	0.4	1	1
		Majör	0	4.14	0.85	11266.43	38.55	0	0	0.4	1	1
S08		Minör	0	3.88	0.85	11266.43	38.55	-6.15	10.33	0.4	1	1
		Majör	0	10	0.85	70709.71	17.62	42.46	-63.16	0.4	1	1
S09		Minör	0	10	0.85	11313.55	17.62	0.02	0.02	0.4	1	1
		Majör	0	10	0.85	70576.54	21.89	-42.43	63.22	0.4	1	1
S10		Minör	0	7.55	0.85	11292.25	21.89	0.05	0.08	0.4	1	1
		Majör	0	10	0.85	71170.92	35.8	0	-0.06	0.58	1	1
S11		Minör	0	4.3	0.85	11387.35	35.8	-6.73	10.42	0.4	1	1
		Majör	0	10	0.85	68433.25	18.07	42.52	-63.2	0.4	1	1
S12		Minör	0	9.29	0.85	10949.32	18.07	0.04	0.05	0.4	1	1

KOLONLAR

İkinci Mertebe Momentleri (Moment Büyütme Yöntemi)

İsim	Kat	Yön	aa	ab	k	Nk	Nd	M1	M2	CM	El. b	Sel. b
S14		Majör	0	10	0.85	68415.45	24.69	0	0.02	0.54	1	1
		Minör	0	5.91	0.85	10946.47	24.69	-6.8	10.39	0.4	1	1
S15		Majör	0	10	0.85	65644.43	15.57	0.04	0.09	0.44	1	1
		Minör	0	10	0.85	10503.11	15.57	-6.68	10.45	0.4	1	1

Kolonların Donatıları

İsim	Kat	hx	by	Yükleme	N	Mx	My	Extra(N/Mx/My)	Purs	SGPurs	MevAs	Köşe	Kenar	Etriye
S01	3. KAT	0.8	0.3	0.9G-E1 Alt	4.53	0.18	-1.1	0.171/0.026/-0.041	1.03%	-0.04%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S02		0.8	0.3	0.9G+E1 Alt	6.83	0.27	0.91	0.341/-0.000/-0.081	1.03%	-0.07%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S03		0.8	0.3	0.9G+E1 Alt	4.53	0.18	1.1	0.171/-0.026/-0.041	1.03%	-0.04%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S04		0.8	0.3	0.9G-E1 Alt	4.96	7.17	-0.52	0.383/0.098/-0.002	1.03%	0.19%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S05		0.8	0.3	0.9G-E4 Üst	9.42	-1.24	0.23	0.378/-0.000/-0.093	1.03%	-0.09%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S06		0.8	0.3	0.9G+E1 Alt	4.97	-7.19	-0.52	0.383/-0.098/-0.002	1.03%	0.20%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S07		0.8	0.3	0.9G-E2 Alt	3.96	7.18	0.65	0.378/0.093/-0.000	1.03%	0.21%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S08		0.5	0.5	0.9G+E2 Alt	9.96	0.3	3.11	0.187/-0.000/0.000	1.11%	0.04%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		0.8	0.3	0.9G+E1 Alt	3.92	-7.2	-0.66	0.378/-0.093/-0.000	1.03%	0.21%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S10		0.8	0.3	0.9G-E2 Alt	4.95	7.17	0.53	0.383/0.098/0.002	1.03%	0.19%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S11		0.8	0.3	0.9G+E3 Üst	8.66	0.95	0.21	0.378/0.000/0.093	1.03%	-0.09%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S12		0.8	0.3	0.9G+E2 Alt	3.99	-7.1	0.48	0.198/-0.050/0.030	1.03%	0.20%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S13		0.8	0.3	0.9G-E2 Alt	4.53	0.18	-1.1	0.171/0.026/0.041	1.03%	-0.04%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S14		0.8	0.3	0.9G+E2 Alt	5.77	0.22	0.96	0.171/-0.026/0.041	1.03%	-0.06%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S15		0.8	0.3	0.9G+E2 Alt	3.47	0.14	1.04		1.03%	-0.03%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S01	2. KAT	0.8	0.3	0.9G-E1 Alt	9.07	-0.83	-3.15	0.171/0.026/-0.041	1.03%	-0.02%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S02		0.8	0.3	0.9G-E1 Alt	13.67	-0.74	-3.17	0.341/-0.000/-0.081	1.03%	-0.09%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S03		0.8	0.3	0.9G+E1 Alt	9.07	-0.82	3.16	0.171/-0.026/-0.041	1.03%	-0.02%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S04		0.8	0.3	0.9G-E1 Alt	9.85	21.29	-0.51	0.383/0.098/-0.002	1.03%	0.63%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S05		0.8	0.3	0.9G-E1 Alt	18.85	-1.05	-3.06	0.378/-0.000/-0.093	1.03%	-0.15%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S06		0.8	0.3	0.9G+E1 Alt	9.87	-21.31	-0.5	0.383/0.098/-0.002	1.03%	0.63%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S07		0.8	0.3	0.9G-E2 Alt	8	21.04	0.54	0.378/0.093/-0.000	1.03%	0.64%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S08		0.5	0.5	0.9G+E2 Alt	19.92	0.6	6.3	0.187/-0.000/0.000	1.11%	0.09%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		0.8	0.3	0.9G+E1 Alt	7.91	-21.06	-0.54	0.378/-0.093/-0.000	1.03%	0.65%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S10		0.8	0.3	0.9G-E2 Alt	9.83	21.29	0.51	0.383/0.098/0.002	1.03%	0.63%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S11		0.8	0.3	0.9G+E2 Alt	17.31	0.92	3.09	0.378/0.000/0.093	1.03%	-0.13%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S12		0.8	0.3	0.9G+E2 Alt	7.93	-21.31	0.46	0.198/-0.050/0.030	1.03%	0.65%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S13		0.8	0.3	0.9G-E2 Alt	9.07	0.83	-3.15	0.171/0.026/0.041	1.03%	-0.02%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S14		0.8	0.3	0.9G+E2 Alt	11.54	0.69	3.2	0.171/-0.026/0.041	1.03%	-0.06%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S15		0.8	0.3	0.9G+E2 Alt	6.93	0.78	3.16		1.03%	0.00%	24.63	4Ø14	12Ø14	Ø8/15/8/10
S01	1. KAT	1	0.4	0.9G-E1 Alt	14.47	-1	-7.04	0.450/0.090/-0.159	1.00%	-0.03%	40.02	4Ø14	22Ø14	Ø8/8/10
S02		1	0.4	0.9G-E1 Alt	21.32	-1.14	-6.94	0.778/-0.000/-0.260	1.00%	-0.09%	40.02	4Ø14	22Ø14	Ø8/8/10
S03		1	0.4	0.9G+E1 Alt	14.47	-0.99	7.04	0.450/-0.089/-0.159	1.00%	-0.03%	40.02	4Ø14	22Ø14	Ø8/8/10
S04		1	0.4	0.9G-E1 Alt	15.75	43.41	-0.77	0.675/0.202/-0.061	1.00%	0.61%	40.02	4Ø14	22Ø14	Ø8/8/10
S05		1	0.4	0.9G-E1 Alt	28.8	-1.46	-6.88	0.845/0.000/-0.283	1.00%	-0.14%	40.02	4Ø14	22Ø14	Ø8/8/10
S06		1	0.4	0.9G+E1 Alt	15.77	-43.4	-0.76	0.675/-0.203/-0.061	1.00%	0.61%	40.02	4Ø14	22Ø14	Ø8/8/10
S07		1	0.4	0.9G-E2 Alt	12.78	43.39	0.87	0.845/0.284/-0.000	1.00%	0.63%	40.02	4Ø14	22Ø14	Ø8/8/10
S08		0.5	0.5	0.9G+E2 Alt	29.23	0.88	6.01	0.190/0.000/0.000	1.11%	-0.04%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		1	0.4	0.9G+E1 Alt	12.67	-43.38	-0.86	0.843/-0.283/-0.000	1.00%	0.63%	40.02	4Ø14	22Ø14	Ø8/8/10
S10		1	0.4	0.9G-E2 Alt	15.72	43.41	0.78	0.675/0.203/0.061	1.00%	0.61%	40.02	4Ø14	22Ø14	Ø8/8/10
S11		1	0.4	0.9G+E2 Alt	26.56	1.3	6.93	0.844/-0.000/0.283	1.00%	-0.13%	40.02	4Ø14	22Ø14	Ø8/8/10
S12		1	0.4	0.9G+E2 Alt	12.85	-43.31	0.69	0.491/-0.174/0.098	1.00%	0.63%	40.02	4Ø14	22Ø14	Ø8/8/10
S13		1	0.4	0.9G-E2 Alt	14.47	1.03	-7.04	0.450/0.089/0.159	1.00%	-0.03%	40.02	4Ø14	22Ø14	Ø8/8/10
S14		1	0.4	0.9G+E2 Alt	18.11	1.16	6.99	0.388/-0.078/0.130	1.00%	-0.06%	40.02	4Ø14	22Ø14	Ø8/8/10
S15		1	0.4	0.9G+E2 Alt	11.25	1.02	7.02		1.00%	0.00%	40.02	4Ø14	22Ø14	Ø8/8/10
S01	ZEMİN KAT	1	0.4	0.9G-E1 Alt	19.87	1.76	-10.4	0.449/0.089/-0.158	1.00%	-0.01%	40.02	4Ø14	22Ø14	Ø8/8/10
S02		1	0.4	0.9G-E2 Alt	28.97	1.6	-10.38	0.778/-0.000/-0.260	1.00%	-0.09%	40.02	4Ø14	22Ø14	Ø8/8/10
S03		1	0.4	0.9G+E1 Alt	19.87	1.76	10.41	0.450/-0.089/-0.159	1.00%	-0.01%	40.02	4Ø14	22Ø14	Ø8/8/10
S04		1	0.4	0.9G-E2 Alt	21.92	63.25	0.59	0.675/0.202/-0.061	1.00%	0.89%	40.02	4Ø14	22Ø14	Ø8/8/10
S05		1	0.4	0.9G+E2 Alt	38.74	1.74	10.4	0.845/0.000/-0.283	1.00%	-0.16%	40.02	4Ø14	22Ø14	Ø8/8/10
S06		1	0.4	0.9G+E2 Alt	21.95	-63.27	0.59	0.675/-0.203/-0.061	1.00%	0.89%	40.02	4Ø14	22Ø14	Ø8/8/10
S07		1	0.4	0.9G-E1 Alt	17.75	63.15	0.48	0.845/0.284/-0.000	1.00%	0.92%	40.02	4Ø14	22Ø14	Ø8/8/10
S08		0.5	0.5	0.9G+E1 Alt	38.55	1.16	10.33	0.190/0.000/0.000	1.11%	0.11%	27.71	4Ø14	14Ø14	Ø8/16/10/10
S09		1	0.4	0.9G+E1 Alt	17.62	-63.16	0.48	0.843/-0.283/-0.000	1.00%	0.92%	40.02	4Ø14	22Ø14	Ø8/8/10
S10		1	0.4	0.9G-E1 Alt	21.89	63.26	0.59	0.675/0.203/0.061	1.00%	0.89%	40.02	4Ø14	22Ø14	Ø8/8/10
S11		1	0.4	0.9G+E1 Alt	35.8	1.61	10.42	0.844/-0.000/0.283	1.00%	-0.14%	40.02	4Ø14	22Ø14	Ø8/8/10
S12		1	0.4	0.9G+E1 Alt	18.07	-63.23	0.49	0.491/-0.174/0.098	1.00%	0.92%	40.02	4Ø14	22Ø14	Ø8/8/10
S13		1	0.4	0.9G-E1 Alt	19.87	1.68	-10.48	0.450/0.089/0.159	1.00%	-0.01%	40.02	4Ø14	22Ø14	Ø8/8/10
S14		1	0.4	0.9G+E1 Alt	24.69	1.6	10.4	0.388/-0.078/0.130	1.00%	-0.05%	40.02	4Ø14	22Ø14	Ø8/8/10
S15		1	0.4	0.9G+E1 Alt	15.57	1.69	10.46		1.00%	0.02%	40.02	4Ø14	22Ø14	Ø8/8/10

Deprem Yönetmeliği Kolon Tahkikleri (Güçlü Kolon ve Kesme Kuvveti)

İsim	Yön	Zk	Maf	Mra	Mrü	Mrj+	Mrj-	Mri+	Mri-Mha+1	Mhü	Mha	Mhü-1	SMpü	SMpa	Mü	Ma	Ve	Ve(R=2)	VMaks		
3. KAT																					
S01	Majör				22.2	10.74	11.53			0.03	0.02	0	15.9	15.9	15.9	14.68	14.56	0.1	105.6		
	Minör				7.02			6.99	11.35		0.92	0.82		15.9	10.52	8.37	8.99	1.44	105.6		
S02	Majör				23.1	10.74	11.58				0.02	0.02		15.9		8.18	3.89	0.13	105.6		
	Minör				7.36	13.52	6.99	6.99	13.52						11.4	11.4	10.86	1.23	105.6		
S03	Majör				22.2	10.74	11.53			0.03	0.02	0	15.9	15.9	15.9	14.75	14.59	0.1	105.6		
	Minör				7.02	11.35	6.99				0.92	0.82		15.9	10.52	8.37	8.99	1.44	105.6		
S04	Majör				22.12	10.74	11.61			0.1	6.66	6.57	15.9	15.9	15.9	8	11.38	9.35	105.6		
	Minör				7			11.53	10.74		0.1	0.08		15.9	10.77	8.9	9.37	3.06	105.6		
S05	Majör				24.09	11.35	11.58	11.58	11.35		0.38	0.14		31.79	38.13	22.97	29.1	1.71	105.6		
	Minör				7.73	10.74	11.61	11.61	10.74						12.48	12.48	11.89	1.21	105.6		
S06	Majör				22.13			11.61	10.74		0.1	6.66	6.57	15.9	15.9	15.9	8	11.38	9.35	105.6	
	Minör				7			11.53	10.74		0.1	0.08		15.9	10.77	8.9	9.37	3.05	105.6		
S07	Majör				21.97	10.74	11.61			0.01	6.62	6.61	15.9	15.9	15.9	7.95	11.35	9.29	105.6		
	Minör				6.94					0.15	0.14	0.11					0	4.43	105.6		
S08	Majör				15.6	10.74	22.78	22.78	10.74						24.77	24.77	23.59	1.72	110		
	Minör				15.6	10.74	11.61	11.61	10.74		3.1	3.23		30.94	24.77	15.14	19	4.11	110		
S09	Majör				21.95			11.61	10.74		0.01	0	0	15.9	15.9	15.9	12.63	13.58	9.29	105.6	
	Minör				6.93					0.15	0.14	0.11					0	4.43	105.6		
S10	Majör				22.12	10.74	11.61			0.1	6.66	6.57	15.9	15.9	15.9	8	11.38	9.34	105.6		
	Minör				6.99	10.74	11.53				0.1	0.08		15.9	10.76	8.9	9.36	3.06	105.6		
S11	Majör				23.8	10.74	11.51	11.58	10.74		0.34	0.13		30.94	37.21	22.56	28.46	1.37	105.6		
	Minör				7.62	10.74	11.61	11.54	10.74						12.13	12.13	11.55	1.28	105.6		
S12	Majör				21.75			11.54	10.74		0.1	6.66	6.57	15.9	15.9	15.9	8.01	11.38	9.23	105.6	
	Minör				6.86	10.74	11.35				0.1	0.08		15.9	10.31	8.91	9.15	3.04	105.6		
S13	Majör				22.2			11.53	10.74		0.03	0.02	0	15.9	15.9	15.9	14.63	14.54	0.09	105.6	
	Minör				7.02			6.99	11.35		0.92	0.82		15.9	10.52	8.37	9	1.44	105.6		
S14	Majör				22.68			11.51	10.74		0.01	0.01	0	15.9	15.9	15.9	10.18	12.42	0.18	105.6	
	Minör				7.21	13.52	6.99	6.91	13.52						10.91	10.91	10.39	1.29	105.6		
S15	Majör				21.78			11.35	10.74		0.02	0.02	0	15.9	15.9	15.9	13.15	13.83	0.05	105.6	
	Minör				6.87	11.35	6.91				0.9	0.83		15.9	10.01	8.28	8.71	1.35	105.6		
2. KAT																					
S01	Majör				22.2	23.95	10.74	11.53		0.01	0.02	0.28	0.27	15.9	15.9	12.15	8.15	9.66	1.33	105.6	
	Minör				7.02	7.68			6.99	11.35	0.01	0.01	0.05	0.03	15.9	15.9	9.56	9.71	9.17	3.05	105.6
S02	Majör				23.1	25.69	10.74	11.58		0.02	0.02	0.76	0.76	15.9	15.9	7.72	7.95	7.46	1.27	105.6	
	Minör				7.36	8.33	13.52	6.99	6.99	13.52		0.05	0.04		28.61	13.75	15.93	14.13	3.02	105.6	
S03	Majör				22.2	23.95	10.74	11.53		0.01	0.02	0.28	0.27	15.9	15.9	12.15	8.15	9.67	1.33	105.6	
	Minör				7.02	7.68	11.35	6.99		0.01	0.01	0.05	0.03	15.9	15.9	9.51	9.71	9.15	3.05	105.6	
S04	Majör				22.12	23.64	10.74	11.61		0.07	0.09	0.34	0.25	15.9	15.9	8.67	9.24	8.53	19.1	105.6	
	Minör				7	7.57		11.53	10.74	0.98	0.8	0.09	0.01	15.9	15.9	7.12	14.93	10.5	2.41	105.6	
S05	Majör				24.09	27.6	11.35	11.58	11.58	11.35	0.38	0.14	0.89	0.55	31.79	31.79	8.82	19.7	13.58	1.89	105.6
	Minör				7.73	9.05	10.74	11.61	11.61	10.74		0.02	0.02		30.94	15.74	15.34	14.8	2.86	105.6	
S06	Majör				22.13	23.65		11.61	10.74	0.07	0.09	0.34	0.25	15.9	15.9	8.69	9.23	8.53	19.09	105.6	
	Minör				7	7.57		11.53	10.74	0.98	0.8	0.09	0.01	15.9	15.9	7.12	14.92	10.5	2.4	105.6	
S07	Majör				21.97	23.53	10.74	11.61		6.62	6.61	20.98	20.97	15.9	15.9	7.95	7.95	7.57	18.78	105.6	
	Minör				6.94	7.52				1.51	1.31	0.12	0.04				0	3.69	105.6		
S08	Majör				15.6	17.92	10.74	22.78	22.78	10.74					30.5	30.5	29.05	1.05	110		
	Minör				15.6	17.92	10.74	11.61	11.61	10.74	3.1	3.23	6.3	5.56	30.94	30.94	15.8	16.43	15.35	3.97	110
S09	Majör				21.95	23.49		11.61	10.74	6.62	6.61	20.98	20.97	15.9	15.9	7.94	7.95	7.57	18.78	105.6	
	Minör				6.93	7.51				1.51	1.31	0.12	0.04				0	3.69	105.6		
S10	Majör				22.12	23.64	10.74	11.61		0.07	0.09	0.34	0.25	15.9	15.9	8.67	9.24	8.53	19.1	105.6	
	Minör				6.99	7.56	10.74	11.53		0.98	0.8	0.09	0.01	15.9	15.9	7.13	14.93	10.5	2.41	105.6	
S11	Majör				23.8	27.04	10.74	11.51	11.58	10.74	0	0	0	30.94	30.94	13.66	21.01	16.51	1.71	105.6	
	Minör				7.62	8.84	10.74	11.61	11.54	10.74		0.02	0.02		30.94	15.11	15.79	14.71	2.89	105.6	
S12	Majör				21.75	22.91		11.54	10.74	0.07	0.09	0.34	0.25	15.9	15.9	8.78	9.23	8.58	19.08	105.6	
	Minör				6.86	7.29	10.74	11.35		1	0.81	0.09	0	15.9	15.9	7.11	15.05	10.55	2.38	105.6	
S13	Majör				22.2	23.95		11.53	10.74	0.01	0.02	0.28	0.27	15.9	15.9	12.15	8.14	9.66	1.33	105.6	
	Minör				7.02	7.68		6.99	11.35	0.01	0.01	0.05	0.03	15.9	15.9	9.56	9.71	9.17	3.05	105.6	
S14	Majör				22.68	24.89		11.51	10.74	0.01	0.02	0	0	15.9	15.9	9.09	9.02	8.62	1.25	105.6	
	Minör				7.21	8.03	13.52	6.99	6.91	13.52		0.05	0.04		28.61	12.82	15.69	13.58	3.04	105.6	
S15	Majör				21.78	23.13		11.35	10.74	0	0.02	0.28	0.27	15.9	15.9	14.73	8.09	10.86	1.3	105.6	
	Minör				6.87	7.37	11.35	6.91		0	0.01	0.05	0.03	15.9	15.9	10.42	9.34	9.41	3.03	105.6	
1. KAT																					
S01	Majör				23.95	46.11	10.74	11.52		0.6	0.61	0.13	0.13	15.9	15.9	7.99	7.98	7.61	2.55	176	
	Minör				7.68	16.57			6.98	11.35	0.04	0.05	0.03	0.02	15.9	15.9	8.09	8.52	7.91	5.04	176
S02	Majör				25.69	49.37	10.74	11.57		0.76	0.76	2.37	2.37	15.9	15.9	7.94	7.95	7.57	2.83	176	
	Minör				8.33	17.88	13.52	6.98	6.98	13.52	3	3.05	0.02	0.02	28.61	28.61	14.43	14.43	13.74	4.92	176
S03	Majör				23.95	46.11	10.74	11.52		0.6	0.61	0.13	0.13	15.9	15.9						

Deprem Yönetmeliği Kolon Tahkikleri (Güçlü Kolon ve Kesme Kuvveti)

İsim	Yön	Zk	Maf	Mra	Mrü	Mrj+	Mrj-	Mri+	Mri-Mha+1	Mhü	Mha	Mhü-1	SMpü	SMpa	Mü	Ma	Ve	Ve(R=2)	VMaks	
S08	Majör			17.92	19.98	10.74	22.75	22.75	10.74		0.55	0.21		45.66	35.31	33.09	32.58	0.81	110	
	Minör			17.92	19.98	10.74	11.6	11.6	10.74	6.3	5.56	6.01	6.15	30.94	30.94	14.51	15.29	14.19	0.58	110
S09	Majör			23.49	45.24			11.6	10.74	0	0	0	0	15.9	15.9	10.88	14.82	12.24	28.72	176
	Minör			7.51	16.22					1.27	2.57	2.67	0.9					0	6.86	176
S10	Majör			23.64	45.39	10.74	11.6			0.01	0.52	0.31	0.04	15.9	15.9	15.72	14.14	14.22	28.58	176
	Minör			7.56	16.28	10.74	11.52			0.78	1.4	1.66	0.34	15.9	15.9	10.21	13.21	11.15	4.27	176
S11	Majör			27.04	51.8	10.74	11.5	11.57	10.74	0	0	0	0	30.94	30.94	16.59	30.72	22.53	3.44	176
	Minör			8.84	18.85	10.74	11.6	11.53	10.74	2.97	3.28	6.84	6.76	30.94	30.94	16.23	15.55	15.13	4.66	176
S12	Majör			22.91	44.02			11.53	10.74	0.01	0.52	0.31	0.04	15.9	15.9	15.66	14.11	14.18	28.57	176
	Minör			7.29	15.73	10.74	11.35			0.79	1.41	1.67	0.34	15.9	15.9	10.2	13.19	11.14	4.18	176
S13	Majör			23.95	46.11			11.52	10.74	0.6	0.61	0.13	0.13	15.9	15.9	7.99	7.98	7.61	2.57	176
	Minör			7.68	16.57			6.98	11.35	0.04	0.05	0.03	0.02	15.9	15.9	8.09	8.52	7.91	5.04	176
S14	Majör			24.89	47.86			11.5	10.74	0.76	0.76	0	0	15.9	15.9	7.95	14.82	10.85	2.76	176
	Minör			8.03	17.27	13.52	6.98	6.91	13.52	3	3.04	0.02	0.02	28.61	28.61	14.41	14.4	13.72	4.99	176
S15	Majör			23.13	44.57			11.35	10.74	0.6	0.61	0.13	0.13	15.9	15.9	7.98	7.97	7.6	2.48	176
	Minör			7.37	15.95	11.35	6.91			0.04	0.04	0.02	0.02	15.9	15.9	8.06	8.4	7.84	5.03	176
ZEMİN KAT																				
S01	Majör			46.11	48.68	10.74	11.52			2.3	2.3			15.9		7.95	77.46	40.67	3.99	176
	Minör			16.57	17.6			6.98	11.35	0.02	0.02			15.9		8.66	28.36	17.63	4.75	176
S02	Majör			49.37	52.91	10.74	11.57			2.37	2.37			15.9		7.95	88.18	45.77	3.78	176
	Minör			17.88	19.29	13.52	6.98	6.98	13.52	6.85	6.83			28.61		14.28	32.65	22.35	4.59	176
S03	Majör			46.11	48.68	10.74	11.52			2.3	2.3			15.9		7.95	77.46	40.67	3.99	176
	Minör			16.57	17.6	11.35	6.98			0.02	0.02			15.9		8.65	28.36	17.63	4.76	176
S04	Majör			45.4	47.69	10.74	11.6			0.16	0.19			15.9		8.55	80.6	42.45	26.46	176
	Minör			16.29	17.21			11.52	10.74	0.04	0.03			15.9		6.47	29.62	17.19	2.12	176
S05	Majör			52.83	57.31	11.35	11.57	11.57	11.35	2.5	2.31			31.79		15.24	100.18	54.96	3.88	176
	Minör			19.26	21.05	10.74	11.6	11.6	10.74	0.01	0.01			30.94		15.62	37.45	25.27	4.71	176
S06	Majör			45.41	47.71			11.6	10.74	0.16	0.19			15.9		8.57	80.65	42.48	26.48	176
	Minör			16.29	17.21			11.52	10.74	0.04	0.03			15.9		6.47	29.64	17.19	2.12	176
S07	Majör			45.3	47.67	10.74	11.6			42.94	42.94			15.9		7.95	76.17	40.06	26.26	176
	Minör			16.25	17.19					0.05	0.03						27.85	13.26	3.16	176
S08	Majör			19.98	21.94	10.74	22.75	22.75	10.74	0.55	0.21			45.66		12.57	39.61	24.85	0.93	110
	Minör			19.98	21.94	10.74	11.6	11.6	10.74	6.01	6.15			30.94		15.65	39.61	26.32	5.41	110
S09	Majör			45.24	47.6			11.6	10.74	42.94	42.94			15.9		7.95	75.98	39.96	26.27	176
	Minör			16.22	17.17					0.05	0.03						27.77	13.22	3.17	176
S10	Majör			45.39	47.68	10.74	11.6			0.16	0.19			15.9		8.55	80.55	42.43	26.47	176
	Minör			16.28	17.2	10.74	11.52			0.04	0.03			15.9		6.47	29.6	17.18	2.12	176
S11	Majör			51.8	56	10.74	11.5	11.57	10.74	2.49	2.31			30.94		14.9	96.34	52.97	3.91	176
	Minör			18.85	20.53	10.74	11.6	11.53	10.74	0.01	0.01			30.94		15.55	35.91	24.5	4.74	176
S12	Majör			44.02	45.87			11.53	10.74	0.16	0.19			15.9		8.58	74.92	39.76	26.41	176
	Minör			15.73	16.48	10.74	11.35			0.04	0.03			15.9		6.5	27.35	16.12	2.1	176
S13	Majör			46.11	48.68			11.52	10.74	2.3	2.3			15.9		7.95	77.46	40.67	3.99	176
	Minör			16.57	17.6			6.98	11.35	0.02	0.02			15.9		8.66	28.36	17.63	4.75	176
S14	Majör			47.86	50.94			11.5	10.74	2.37	2.37			15.9		7.95	82.11	42.89	3.75	176
	Minör			17.27	18.5	13.52	6.98	6.91	13.52	6.85	6.83			28.61		14.29	30.22	21.2	4.62	176
S15	Majör			44.57	46.64			11.35	10.74	2.3	2.3			15.9		7.95	71	37.59	3.96	176
	Minör			15.95	16.78	11.35	6.91			0.02	0.02			15.9		8.5	25.78	16.32	4.7	176

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ

1. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
3. KAT	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.36	29.33	17.46	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.5	25.53	27.18	216	Kuşatılmamış
	S07	0.8	K5	0.3			0.3	0.23	5.65		5.34		2.46	27.23	25.58	216	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	1.17	56.56	56.56	225	Kuşatılmamış
	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.45	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.38	25.66	27.31	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.12	53.12	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
2. KAT	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.36	29.33	17.46	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.5	25.53	27.18	216	Kuşatılmamış
	S07	0.8	K5	0.3			0.3	0.23	5.65		5.34		2.46	27.23	25.58	216	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	1.14	56.59	56.59	225	Kuşatılmamış
	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.45	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.38	25.66	27.31	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.12	53.12	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
1. KAT	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		0.87	16.94	28.82	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.86	52.58	52.58	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		0.87	28.82	16.94	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		5.45	24.24	22.59	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.82	56.91	56.91	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		5.45	22.59	24.24	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		5.32	24.37	22.72	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
	S09	1	K6	0.3			0.4	0.3	5.34		5.65		5.32	22.72	24.37	360	Kuşatılmamış
	S10	1	K7	0.3			0.3	0.3	5.65		5.34		5.18	24.51	22.86	270	Kuşatılmamış
	S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.79	56.94	56.94	108	Kuşatılmamış
	S12	1	K8	0.3			0.3	0.3	5.34		5.65		5.18	22.86	24.51	270	Kuşatılmamış
	S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		0.8	17.02	28.89	108	Kuşatılmamış
	S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.79	52.65	52.65	108	Kuşatılmamış
	S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		0.79	28.89	17.02	108	Kuşatılmamış
ZEMİN KAT	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		1.27	16.54	28.42	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.26	52.18	52.18	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		1.27	28.42	16.54	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		7.32	22.37	20.72	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.3	56.42	56.42	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		7.32	20.72	22.37	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		7.42	22.27	20.62	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
	S09	1	K6	0.3			0.4	0.3	5.34		5.65		7.42	20.62	22.27	360	Kuşatılmamış
	S10	1	K7	0.3			0.3	0.3	5.65		5.34		7.49	22.2	20.55	270	Kuşatılmamış
	S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.32	56.41	56.41	108	Kuşatılmamış
	S12	1	K8	0.3			0.3	0.3	5.34		5.65		7.5	20.54	22.19	270	Kuşatılmamış
	S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		1.33	16.49	28.36	108	Kuşatılmamış
	S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.31	52.13	52.13	108	Kuşatılmamış
	S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		1.32	28.37	16.49	108	Kuşatılmamış

2. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
3. KAT	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.13	53.13	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.38	25.65	27.3	216	Kuşatılmamış

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ

2. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
2. KAT	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.46	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.51	25.53	27.18	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.35	29.34	17.46	81	Kuşatılmamış
	S01	0.3	K1	0.3			0.3	0.6	3.39		5.65		0.32	17.49	29.37	81	Kuşatılmamış
	S02	0.3	K1	0.3	K2	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.31	53.13	53.13	81	Kuşatılmamış
	S03	0.3	K2	0.3			0.3	0.6	5.65		3.39		0.32	29.37	17.49	81	Kuşatılmamış
	S04	0.8	K3	0.3			0.3	0.23	5.65		5.34		2.38	27.3	25.65	216	Kuşatılmamış
	S05	0.3	K3	0.3	K4	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.34	57.38	57.38	81	Kuşatılmamış
	S06	0.8	K4	0.3			0.3	0.23	5.34		5.65		2.38	25.65	27.3	216	Kuşatılmamış
	S07	0.8	K5	0.3			0.3	0.23	5.65		5.34		2.46	27.23	25.58	216	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	1.14	56.59	56.59	225	Kuşatılmamış
1. KAT	S09	0.8	K6	0.3			0.3	0.23	5.34		5.65		2.46	25.58	27.23	216	Kuşatılmamış
	S10	0.8	K7	0.3			0.3	0.23	5.65		5.34		2.5	27.18	25.53	216	Kuşatılmamış
	S11	0.3	K7	0.3	K8	0.3	0.3	0.6	5.34	5.65	5.65	5.34	0.35	57.38	57.38	81	Kuşatılmamış
	S12	0.8	K8	0.3			0.3	0.23	5.34		5.65		2.51	25.53	27.18	216	Kuşatılmamış
	S13	0.3	K9	0.3			0.3	0.6	3.39		5.65		0.36	17.46	29.33	81	Kuşatılmamış
	S14	0.3	K9	0.3	K10	0.3	0.3	0.6	6.79	3.39	3.39	6.79	0.35	53.09	53.09	81	Kuşatılmamış
	S15	0.3	K10	0.3			0.3	0.6	5.65		3.39		0.35	29.34	17.46	81	Kuşatılmamış
	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		0.8	17.02	28.89	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.79	52.65	52.65	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		0.8	28.89	17.02	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		5.18	24.51	22.86	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.79	56.94	56.94	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		5.18	22.86	24.51	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		5.32	24.37	22.72	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
ZEMİN KAT	S09	1	K6	0.3			0.4	0.3	5.34		5.65		5.32	22.72	24.37	360	Kuşatılmamış
	S10	1	K7	0.3			0.3	0.3	5.65		5.34		5.45	24.24	22.59	270	Kuşatılmamış
	S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	0.82	56.91	56.91	108	Kuşatılmamış
	S12	1	K8	0.3			0.3	0.3	5.34		5.65		5.45	22.59	24.24	270	Kuşatılmamış
	S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		0.87	16.94	28.82	108	Kuşatılmamış
	S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	0.86	52.58	52.58	108	Kuşatılmamış
	S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		0.87	28.82	16.95	108	Kuşatılmamış
	S01	0.4	K1	0.3			0.3	0.75	3.39		5.65		1.33	16.49	28.36	108	Kuşatılmamış
	S02	0.4	K1	0.3	K2	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.31	52.12	52.12	108	Kuşatılmamış
	S03	0.4	K2	0.3			0.3	0.75	5.65		3.39		1.33	28.36	16.49	108	Kuşatılmamış
	S04	1	K3	0.3			0.3	0.3	5.65		5.34		7.49	22.2	20.55	270	Kuşatılmamış
	S05	0.4	K3	0.3	K4	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.32	56.41	56.41	108	Kuşatılmamış
	S06	1	K4	0.3			0.3	0.3	5.34		5.65		7.49	20.55	22.2	270	Kuşatılmamış
	S07	1	K5	0.3			0.4	0.3	5.65		5.34		7.42	22.27	20.62	360	Kuşatılmamış
	S08	0.5	K5	0.3	K6	0.3	0.5	0.38	5.34	5.65	5.65	5.34	0.17	57.56	57.56	225	Kuşatılmamış
3. KAT	S09	1	K6	0.3			0.4	0.3	5.34		5.65		7.42	20.62	22.27	360	Kuşatılmamış
	S10	1	K7	0.3			0.3	0.3	5.65		5.34		7.32	22.37	20.72	270	Kuşatılmamış
	S11	0.4	K7	0.3	K8	0.3	0.3	0.75	5.34	5.65	5.65	5.34	1.3	56.42	56.42	108	Kuşatılmamış
	S12	1	K8	0.3			0.3	0.3	5.34		5.65		7.32	20.72	22.37	270	Kuşatılmamış
	S13	0.4	K9	0.3			0.3	0.75	3.39		5.65		1.27	16.54	28.42	108	Kuşatılmamış
	S14	0.4	K9	0.3	K10	0.3	0.3	0.75	6.79	3.39	3.39	6.79	1.26	52.18	52.18	108	Kuşatılmamış
	S15	0.4	K10	0.3			0.3	0.75	5.65		3.39		1.27	28.42	16.55	108	Kuşatılmamış
	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış
	S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış
	S03	0.8	K18	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış
	S04	0.3	K12	0.3			0.3	0.6	5.65		5.34		0.76	28.93	27.28	81	Kuşatılmamış
	S05	0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış
	S06	0.3	K18	0.3			0.3	0.6	5.65		5.34		0.85	28.84	27.19	81	Kuşatılmamış
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.49	86.92	86.92	225	Kuşatılmamış
	S10	0.3	K11	0.3			0.3	0.6	5.34		5.65		0.76	27.28	28.93	81	Kuşatılmamış
S11	0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.39	57.39	216	Kuşatılmamış	
S12	0.3	K17	0.3			0.3	0.6	5.34		5.65		0.86	27.18	28.83	81	Kuşatılmamış	
S13	0.8	K11	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış	
S14	0.8	K13	0.3			0.3	0.23	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış	
S15	0.8	K17	0.3			0.3	0.22	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış	
2. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış
	S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış
	S03	0.8	K18	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış
	S04	0.3	K12	0.3			0.3	0.6	5.65		5.34		0.58	29.1	27.46	81	Kuşatılmamış
	S05	0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış

3. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim	
3. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış	
	S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış	
	S03	0.8	K18	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış	
	S04	0.3	K12	0.3			0.3	0.6	5.65		5.34		0.76	28.93	27.28	81	Kuşatılmamış	
	S05	0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış	
	S06	0.3	K18	0.3			0.3	0.6	5.65		5.34		0.85	28.84	27.19	81	Kuşatılmamış	
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.49	86.92	86.92	225	Kuşatılmamış	
	S10	0.3	K11	0.3			0.3	0.6	5.34		5.65		0.76	27.28	28.93	81	Kuşatılmamış	
	S11	0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.39	57.39	216	Kuşatılmamış	
	S12	0.3	K17	0.3			0.3	0.6	5.34		5.65		0.86	27.18	28.83	81	Kuşatılmamış	
	S13	0.8	K11	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış	
	S14	0.8	K13	0.3			0.3	0.23	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış	
	S15	0.8	K17	0.3			0.3	0.22	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış	
	2. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış
		S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış
S03		0.8	K18	0.3			0.											

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ**3. Deprem Yüklemesi**

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
1. KAT	S10	0.3	K11	0.3			0.3	0.6	5.34		5.65		0.58	27.46	29.1	81	Kuşatılmamış
	S11	0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.39	57.39	216	Kuşatılmamış
	S12	0.3	K17	0.3			0.3	0.6	5.34		5.65		0.66	27.38	29.03	81	Kuşatılmamış
	S13	0.8	K11	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış
	S14	0.8	K13	0.3			0.3	0.23	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış
	S15	0.8	K17	0.3			0.3	0.22	5.65		5.34		0.01	29.68	28.03	216	Kuşatılmamış
	S01	1	K12	0.3			0.3	0.3	5.34		5.65		0.21	27.83	29.48	270	Kuşatılmamış
	S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.28	27.76	29.41	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.34	27.7	29.35	270	Kuşatılmamış
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.58	29.1	27.46	108	Kuşatılmamış
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.38	58.99	58.99	360	Kuşatılmamış
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.65	29.03	27.38	108	Kuşatılmamış
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.58	27.46	29.1	108	Kuşatılmamış
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.37	57.35	57.35	360	Kuşatılmamış
ZEMİN KAT	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.66	27.38	29.03	108	Kuşatılmamış
	S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.21	29.48	27.83	270	Kuşatılmamış
	S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.28	29.41	27.76	360	Kuşatılmamış
	S15	1	K17	0.3			0.3	0.3	5.65		5.34		0.34	29.35	27.7	270	Kuşatılmamış
	S01	1	K12	0.3			0.3	0.3	5.34		5.65		0.63	27.41	29.06	270	Kuşatılmamış
	S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.6	27.44	29.09	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.57	27.47	29.12	270	Kuşatılmamış
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.6	29.09	27.44	108	Kuşatılmamış
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.72	58.65	58.65	360	Kuşatılmamış
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.58	29.11	27.46	108	Kuşatılmamış
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.6	27.44	29.09	108	Kuşatılmamış
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.71	57.02	57.02	360	Kuşatılmamış
	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.58	27.46	29.11	108	Kuşatılmamış
	S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.63	29.06	27.41	270	Kuşatılmamış
S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.6	29.09	27.44	360	Kuşatılmamış	
S15	1	K17	0.3			0.3	0.3	5.65		5.34		0.57	29.12	27.47	270	Kuşatılmamış	

4. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim	
3. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış	
	S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış	
	S03	0.8	K18	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış	
	S04	0.3	K12	0.3			0.3	0.6	5.65		5.34		0.85	28.84	27.19	81	Kuşatılmamış	
	S05	0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış	
	S06	0.3	K18	0.3			0.3	0.6	5.65		5.34		0.76	28.93	27.28	81	Kuşatılmamış	
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.49	86.92	86.92	225	Kuşatılmamış	
	S10	0.3	K11	0.3			0.3	0.6	5.34		5.65		0.84	27.19	28.84	81	Kuşatılmamış	
	S11	0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.4	57.4	216	Kuşatılmamış	
	S12	0.3	K17	0.3			0.3	0.6	5.34		5.65		0.77	27.26	28.91	81	Kuşatılmamış	
	S13	0.8	K11	0.3			0.3	0.22	5.65		5.34		0.01	29.67	28.02	216	Kuşatılmamış	
	S14	0.8	K13	0.3			0.3	0.23	5.65		5.34		0	29.68	28.04	216	Kuşatılmamış	
	S15	0.8	K17	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış	
	2. KAT	S01	0.8	K12	0.3			0.3	0.23	5.34		5.65		0.01	28.02	29.67	216	Kuşatılmamış
		S02	0.8	K16	0.3			0.3	0.23	5.34		5.65		0.01	28.03	29.68	216	Kuşatılmamış
S03		0.8	K18	0.3			0.3	0.23	5.34		5.65		0	28.04	29.69	216	Kuşatılmamış	
S04		0.3	K12	0.3			0.3	0.6	5.65		5.34		0.65	29.03	27.38	81	Kuşatılmamış	
S05		0.8	K15	0.3	K16	0.3	0.3	0.23	5.65	5.65	5.65	5.65	0.37	59.01	59.01	216	Kuşatılmamış	
S06		0.3	K18	0.3			0.3	0.6	5.65		5.34		0.58	29.1	27.46	81	Kuşatılmamış	
S08		0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.3	87.11	87.11	225	Kuşatılmamış	
S10		0.3	K11	0.3			0.3	0.6	5.34		5.65		0.65	27.38	29.03	81	Kuşatılmamış	
S11		0.8	K13	0.3	K14	0.3	0.3	0.23	5.34	5.65	5.65	5.34	0.33	57.4	57.4	216	Kuşatılmamış	
S12		0.3	K17	0.3			0.3	0.6	5.34		5.65		0.59	27.45	29.1	81	Kuşatılmamış	
S13		0.8	K11	0.3			0.3	0.22	5.65		5.34		0.01	29.67	28.02	216	Kuşatılmamış	
S14		0.8	K13	0.3			0.3	0.23	5.65		5.34		0	29.68	28.04	216	Kuşatılmamış	
S15		0.8	K17	0.3			0.3	0.22	5.65		5.34		0	29.69	28.04	216	Kuşatılmamış	
1. KAT		S01	1	K12	0.3			0.3	0.3	5.34		5.65		0.34	27.7	29.35	270	Kuşatılmamış
		S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.28	27.76	29.41	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.21	27.83	29.48	270	Kuşatılmamış	
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.65	29.03	27.38	108	Kuşatılmamış	
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.38	58.99	58.99	360	Kuşatılmamış	
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.58	29.1	27.46	108	Kuşatılmamış	
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış	
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.65	27.38	29.03	108	Kuşatılmamış	
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.37	57.35	57.35	360	Kuşatılmamış	
	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.59	27.45	29.1	108	Kuşatılmamış	
S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.34	29.35	27.7	270	Kuşatılmamış		
S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.28	29.41	27.76	360	Kuşatılmamış		

KOLON KİRİŞ BİRLEŞİM BÖLGELERİNİN KESME GÜVENLİĞİ

4. Deprem Yüklemesi

Kat	Kolon	h	Kiriş 1	bw1	Kiriş 2	bw2	bj	3/4b	As1j	As2i	As2j	As1i	Vkol	Ve(+)	Ve(-)	VeMax	Birleşim
	S02	1	K16	0.3			0.4	0.3	5.34		5.65		0.6	27.44	29.09	360	Kuşatılmamış
	S03	1	K18	0.3			0.3	0.3	5.34		5.65		0.63	27.41	29.06	270	Kuşatılmamış
	S04	0.4	K12	0.3			0.3	0.75	5.65		5.34		0.58	29.11	27.46	108	Kuşatılmamış
	S05	1	K15	0.3	K16	0.3	0.4	0.3	5.65	5.65	5.65	5.65	0.72	58.65	58.65	360	Kuşatılmamış
	S06	0.4	K18	0.3			0.3	0.75	5.65		5.34		0.6	29.09	27.44	108	Kuşatılmamış
	S08	0.5	K14	0.3	K15	0.3	0.5	0.38	5.34	11.31	11.31	5.34	0.23	87.18	87.18	225	Kuşatılmamış
	S10	0.4	K11	0.3			0.3	0.75	5.34		5.65		0.58	27.46	29.11	108	Kuşatılmamış
	S11	1	K13	0.3	K14	0.3	0.4	0.3	5.34	5.65	5.65	5.34	0.71	57.02	57.02	360	Kuşatılmamış
	S12	0.4	K17	0.3			0.3	0.75	5.34		5.65		0.6	27.44	29.09	108	Kuşatılmamış
	S13	1	K11	0.3			0.3	0.3	5.65		5.34		0.57	29.12	27.47	270	Kuşatılmamış
	S14	1	K13	0.3			0.4	0.3	5.65		5.34		0.6	29.09	27.44	360	Kuşatılmamış
	S15	1	K17	0.3			0.3	0.3	5.65		5.34		0.63	29.06	27.41	270	Kuşatılmamış

PERDELER

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17
BETON KARAKTERİSTİK DAYANIMI(kg/cm2) :	300	TAŞIMA GÜCÜ SABİT YÜK KATSAYISI :	1.4
BETON MALZEME KATSAYISI :	1.5	TAŞIMA GÜCÜ HAREKETLİ YÜK KATSAYISI :	1.6
BETON BASINÇ HESAP DAYANIMI (kg/cm2) :	200	SÜNEKLİK (X/Y):	YÜKSEK / YÜKSEK
PASPAYI (cm) :	2.5	PERDE UÇ As/PERDE GÖVDE As :	50
ÇELİK AKMA DAYANIMI (kg/cm2) :	4200	PERDE MİNİMUM UÇ PURSANTAJI :	0.001
ÇELİK MALZEME KATSAYISI :	1.15	PERDE MİNİMUM GÖVDE PURSANTAJI :	0.0025
ETRIYE ÇELİK AKMA DAYANIMI (kg/cm2) :	4200	ETRIYE ÇELİK HESAP DAYANIMI (kg/cm2) :	3652.17

Perdelerin Tasarım Eğilme Momentleri

İsim	my1Ü	my2Ü	my3Ü	my4Ü	my1A	my2A	my3A	my4A	Hw	Hcr	2.5.2.3 katsayısı
3. KAT											
P01	1.02	-1.02	3.88	5.04	1.83	-1.84	6.96	9.05	10.8	3.4	
P02	1.02	-1.02	3.88	5.04	1.83	-1.84	6.96	9.05	10.8	3.4	
P03	-1.02	1.02	5.04	3.88	-1.83	1.84	9.04	6.95	10.8	3.4	
P04	-1.02	1.02	5.04	3.88	-1.83	1.84	9.04	6.95	10.8	3.4	
2. KAT											
P01	5.03	-5.04	20.98	26.72	7.26	-7.27	30.27	38.54	10.8	3.4	
P02	5.03	-5.04	20.98	26.72	7.26	-7.27	30.27	38.54	10.8	3.4	
P03	-5.03	5.04	26.71	20.97	-7.26	7.27	38.53	30.25	10.8	3.4	
P04	-5.03	5.04	26.71	20.97	-7.26	7.27	38.53	30.25	10.8	3.4	
1. KAT											
P01	3.07	-3.08	60.28	63.78	3.77	-3.78	73.97	78.27	10.8	3.4	
P02	3.07	-3.08	60.28	63.78	3.77	-3.78	73.97	78.27	10.8	3.4	
P03	-3.07	3.08	63.77	60.27	-3.77	3.78	78.26	73.97	10.8	3.4	
P04	-3.07	3.08	63.77	60.27	-3.77	3.78	78.26	73.97	10.8	3.4	
ZEMİN KAT											
P01	0.24	-0.24	115.38	115.65	0.24	-0.24	115.38	115.65	10.8	3.4	
P02	0.24	-0.24	115.38	115.65	0.24	-0.24	115.38	115.65	10.8	3.4	
P03	-0.24	0.24	115.66	115.38	-0.24	0.24	115.66	115.38	10.8	3.4	
P04	-0.24	0.24	115.66	115.38	-0.24	0.24	115.66	115.38	10.8	3.4	

Perde Betonarme Hesap Sonuç ve Donatıları

İsim	lw	bw	Yükleme	N	Mx	My	MevAs	Sol	Orta	Sağ	atay	Göv	UçEtr	Mp	Md	Vd	Ve	Ve(R=2)	Vr
3. KAT																			
P01	3.55	0.3	0.9G+E4Alt	7.78	-1.49	9.64	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	5.96	22.08	20.76	208.73	
P02	3.55	0.3	0.9G+E4Alt	7.78	1.51	9.64	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	5.96	22.08	20.76	208.73	
P03	3.55	0.3	0.9G+E3Alt	7.78	1.51	9.73	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	6.01	22.28	20.81	208.73	
P04	3.55	0.3	0.9G+E3Alt	7.78	-1.49	9.73	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	6.01	22.28	20.8	208.73	
2. KAT																			
P01	3.55	0.3	0.9G+E4Alt	15.56	2.75	40.85	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	11.63	43.11	40.54	208.73	
P02	3.55	0.3	0.9G+E4Alt	15.56	-2.74	40.85	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.16	11.63	43.11	40.54	208.73	
P03	3.55	0.3	0.9G+E3Alt	15.56	-2.74	40.98	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	11.66	43.21	40.56	208.73	
P04	3.55	0.3	0.9G+E3Alt	15.56	2.75	40.98	50.96	7Ø14	26Ø12	7Ø14	Ø8/12	Ø8/20	286.97	116.15	11.66	43.21	40.56	208.73	
1. KAT																			
P01	3.4	0.3	0.9G+E4Alt	23.01	2.59	79.77	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	13.79	51.09	47.82	206.93	
P02	3.4	0.3	0.9G+E4Alt	23.01	-2.59	79.77	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	13.79	51.09	47.82	206.93	
P03	3.4	0.3	0.9G+E3Alt	23.01	-2.59	79.83	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	13.74	50.93	47.78	206.93	
P04	3.4	0.3	0.9G+E3Alt	23.01	2.59	79.83	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	13.74	50.93	47.78	206.93	
ZEMİN KAT																			
P01	3.4	0.3	0.9G+E4Alt	30.46	-4.65	116.16	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	15.37	56.97	53.63	206.93	
P02	3.4	0.3	0.9G+E4Alt	30.46	4.65	116.16	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.16	15.37	56.96	53.63	206.93	
P03	3.4	0.3	0.9G+E3Alt	30.46	4.65	116.15	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	15.35	56.88	53.62	206.93	
P04	3.4	0.3	0.9G+E3Alt	30.46	-4.65	116.15	65.72	14Ø14	20Ø12	14Ø14	Ø8/17	Ø8/10	286.97	116.15	15.35	56.88	53.62	206.93	

RADYE DÖŞEME ELEMANLARI SONUÇLARI

Yükleme E1

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme E2

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme E3

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme E4

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme G

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

Yükleme Q

D.n Adı	Kat	x	y	z	Depl.	ZG	M 11	M 22	M 12	T 13	T 23	F 11	F 22	F 12
---------	-----	---	---	---	-------	----	------	------	------	------	------	------	------	------

SÜREKLİ TEMELLER

Hesap Ön Bilgileri

BETONARME HESAP YÖNTEMİ :	Taşıma Gücü	BETON KARAKTERİSTİK DAYANIMI(kg/cm ²) :	300
BETON MALZEME KATSAYISI :	1.5	BETON BASINÇ HESAP DAYANIMI (kg/cm ²) :	200
BETON ÇEKME HESAP DAYANIMI (kg/cm ²) :	12.78	PASPAYI (cm) :	5
ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200	ÇELİK MALZEME KATSAYISI :	1.15
ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17	ETRİYE ÇELİK AKMA DAYANIMI (kg/cm ²) :	4200
ETRİYE ÇELİK HESAP DAYANIMI (kg/cm ²) :	3652.17	TEKİL TEMEL MİN. ÇEKME PURSANTAJI :	0.002
SÜREKLİ TEMEL MİN. ÇEKME PURSANTAJI :	0.003	ZEMİN YATAK MODÜLÜ (t/m ³) :	2160
ZEMİN EMNİYET GERİLMESİ (t/m ²) :	11.4	ZEMİN BİRİM AĞIRLIĞI (t/m ³) :	2.1

Temellere Gelen Kolon Yükleri

Kolon	x	y	a	E1	E2	E3	E4	G	Q	W1	W2	W3	W4	H1	H2	H3	H4		
S01	0.2	13.5	0	N	0.01	0.01	0	0	-22.06	-2.13									
				Mx	0.08	-0.08	-4.61	-4.51	0.06	0.01									
				My	8.23	8.29	0.02	-0.02	0.09	0.01									
P01	0.15	8.9	0	N	0	0	0	0	-33.84	-2.53									
				Mx	-0.19	0.19	-100.01	-100.25	0.48	0.21									
				My	12.34	12.35	0.01	-0.01	0	0									
P02	0.15	5.1	0	N	0	0	0	0	-33.84	-2.53									
				Mx	-0.19	0.19	-100.01	-100.25	0.48	0.21									
				My	12.34	12.35	0.01	-0.01	0	0									
S02	4	13.5	0	N	0	0	0	0	-32.19	-4.23									
				Mx	0	0	-4.56	-4.56	0.02	0.02									
				My	8.23	8.28	0.02	-0.02	0	0									
S03	7.8	13.5	0	N	-0.01	-0.01	0	0	-22.06	-2.13									
				Mx	-0.08	0.08	-4.51	-4.62	0.06	0.01									
				My	8.23	8.29	0.02	-0.02	-0.1	-0.01									
P03	7.85	8.9	0	N	0	0	0	0	-33.84	-2.53									
				Mx	0.19	-0.19	-100.25	-100.01	0.47	0.21									
				My	12.34	12.35	0.01	-0.01	0	0									
P04	7.85	5.1	0	N	0	0	0	0	-33.84	-2.53									
				Mx	0.19	-0.19	-100.25	-100.01	0.47	0.21									
				My	12.34	12.35	0.01	-0.01	0	0									
S04	0.5	10.8	90	N	-0.12	0.15	-3.28	-3.45	-24.15	-3.45									
				Mx	0.02	-0.02	-1.08	-1.05	-0.03	0									
				My	50.18	50.35	0.09	-0.02	0.16	0.04									
S05	4	10.5	0	N	0	0	0	0	-43.05	-7.85									
				Mx	0	0	-4.58	-4.58	0	0.01									
				My	8.27	8.3	0.01	-0.01	0	0									
S06	7.5	10.8	90	N	0.12	-0.15	-3.45	-3.28	-24.19	-3.46									
				Mx	-0.02	0.02	-1.05	-1.08	-0.03	0									
				My	50.18	50.35	0.02	-0.09	-0.18	-0.04									
S07	0.5	7	90	N	0.02	0.02	0	0	-19.69	-2.92									
				Mx	0.02	-0.02	-1.31	-1.29	0.01	0									
				My	50.27	50.27	0	0	0.19	0.04									
S08	4	7	0	N	0	0	0	0	-42.83	-8.18									
				Mx	0	0	-0.81	-0.81	0	0									
				My	8.24	8.24	0	0	0	0									
S09	7.5	7	90	N	-0.02	-0.02	0.02	0.03	-19.55	-2.86									
				Mx	-0.02	0.02	-1.29	-1.31	0	0									
				My	50.27	50.27	0	0	-0.2	-0.04									
S10	0.5	3.2	90	N	0.15	-0.12	3.28	3.45	-24.11	-3.43									
				Mx	0.02	-0.02	-1.08	-1.05	0.03	0.01									
				My	50.35	50.18	-0.09	0.02	0.17	0.04									
S11	4	3.5	0	N	0	0	0	0	-39.78	-6.4									
				Mx	0	0	-4.58	-4.58	0	-0.01									
				My	8.3	8.27	-0.01	0.01	-0.02	-0.01									
S12	7.5	3.2	90	N	-0.15	0.12	3.43	3.26	-19.87	-1.54									
				Mx	-0.02	0.02	-1.06	-1.08	0.01	0									
				My	50.35	50.18	-0.02	0.09	-0.13	-0.02									
S13	0.2	0.5	0	N	0.01	0.01	0	0	-22.06	-2.13									
				Mx	0.08	-0.08	-4.61	-4.51	-0.03	0									
				My	8.29	8.23	-0.02	0.02	0.09	0.01									
S14	4	0.5	0	N	0	0	0	0	-27.43	-2.12									
				Mx	0	0	-4.56	-4.56	0.02	0									
				My	8.28	8.22	-0.02	0.02	-0.02	-0.01									
S15	7.8	0.5	0	N	-0.01	-0.01	0	0	-17.28	0									
				Mx	-0.08	0.08	-4.51	-4.62	-0.02	0.01									
				My	8.29	8.23	-0.02	0.02	-0.07	0									

Sürekli Temellerin Statik Hesap Sonuçları

Yüklem 1 (X YÖNÜ ± 0.05) E1 Deprem

SÜREKLİ TEMELLER**Yüklem 1 (X YÖNÜ + 0.05) E1 Deprem**

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-2.96	19.91	0.58	-8.04	-1.9	0.55
TK02	S02	S03	-8.04	1.9	0.55	-2.96	-19.91	0.58
TK03	S04	S05	-15.54	45	-0.33	-17.66	-2.85	-0.32
TK04	S05	S06	-17.66	2.85	-0.32	-15.53	-45	-0.33
TK05	S07	S08	-16.95	49.77	0.04	-18.95	-0.94	0.04
TK06	S08	S09	-18.95	0.94	0.04	-16.95	-49.77	0.04
TK07	S10	S11	-15.48	44.95	0.4	-17.66	-2.84	0.39
TK08	S11	S12	-17.67	2.84	0.39	-15.48	-44.95	0.4
TK09	S13	S14	-2.89	19.89	-0.53	-8.07	-1.91	-0.5
TK10	S14	S15	-8.08	1.91	-0.51	-2.89	-19.89	-0.53
TK11	S13	S10	0.04	1.27	9.85	-6.98	-5.58	10.79
TK12	S10	S07	5.53	-10.54	0.31	-6.99	-12.87	2.25
TK13	S07	S04	7	-12.9	-2.6	-5.45	-10.23	-0.66
TK14	S04	S01	6.75	-5.32	-10.86	-0.16	1.17	-9.92
TK15	S14	S11	0	0	-3.26	0	0	-3.09
TK16	S11	S08	0	0	-0.68	0	0	-0.56
TK17	S08	S05	0	0	0.48	0	0	0.6
TK18	S05	S02	0	0	3.05	0	0	3.22
TK19	S15	S12	-0.03	-1.27	9.85	6.98	5.58	10.79
TK20	S12	S09	-5.53	10.54	0.31	6.99	12.87	2.25
TK21	S09	S06	-7	12.9	-2.6	5.45	10.23	-0.66
TK22	S06	S03	-6.75	5.32	-10.86	0.16	-1.17	-9.92

Yüklem 2 (X YÖNÜ - 0.05) E2 Deprem

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-2.89	19.89	0.53	-8.07	-1.91	0.5
TK02	S02	S03	-8.07	1.91	0.5	-2.89	-19.89	0.53
TK03	S04	S05	-15.48	44.95	-0.4	-17.67	-2.84	-0.39
TK04	S05	S06	-17.66	2.84	-0.39	-15.48	-44.95	-0.4
TK05	S07	S08	-16.95	49.77	-0.04	-18.95	-0.94	-0.04
TK06	S08	S09	-18.95	0.94	-0.04	-16.95	-49.77	-0.04
TK07	S10	S11	-15.53	45	0.33	-17.66	-2.85	0.32
TK08	S11	S12	-17.67	2.85	0.31	-15.54	-45	0.33
TK09	S13	S14	-2.96	19.91	-0.58	-8.04	-1.9	-0.56
TK10	S14	S15	-8.04	1.9	-0.56	-2.96	-19.91	-0.58
TK11	S13	S10	0.16	1.17	9.92	-6.75	-5.32	10.86
TK12	S10	S07	5.45	-10.22	0.66	-7	-12.9	2.6
TK13	S07	S04	6.99	-12.87	-2.25	-5.53	-10.54	-0.31
TK14	S04	S01	6.98	-5.58	-10.79	-0.04	1.27	-9.85
TK15	S14	S11	0	0	-3.22	0	0	-3.05
TK16	S11	S08	0	0	-0.6	0	0	-0.48
TK17	S08	S05	0	0	0.56	0	0	0.68
TK18	S05	S02	0	0	3.09	0	0	3.27
TK19	S15	S12	-0.16	-1.17	9.93	6.75	5.33	10.86
TK20	S12	S09	-5.45	10.23	0.66	7	12.91	2.6
TK21	S09	S06	-7	12.87	-2.25	5.53	10.54	-0.31
TK22	S06	S03	-6.98	5.58	-10.79	0.04	-1.27	-9.85

Yüklem 3 (Y YÖNÜ + 0.05) E3 Deprem

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-6.83	2.55	-0.98	0.48	-7.07	-1.05
TK02	S02	S03	-0.47	-7.08	1.1	6.87	2.6	1.03
TK03	S04	S05	-8.02	4.6	2.14	-3.55	-10.91	1.89
TK04	S05	S06	3.59	-10.95	-1.92	8.08	4.7	-2.17
TK05	S07	S08	0	0	2.12	0	0	1.85
TK06	S08	S09	0	0	-1.89	0	0	-2.15
TK07	S10	S11	8.02	-4.6	2.14	3.55	10.91	1.89
TK08	S11	S12	-3.59	10.95	-1.92	-8.08	-4.7	-2.17
TK09	S13	S14	6.83	-2.55	-0.98	-0.48	7.07	-1.05
TK10	S14	S15	0.47	7.08	1.1	-6.87	-2.6	1.03
TK11	S13	S10	-9.11	2.19	-1.47	-14.8	-21.77	-1.34
TK12	S10	S07	-4.47	-27.35	-10.38	-8.84	5.5	-10.29
TK13	S07	S04	-8.85	-5.5	-10.29	-4.47	27.35	-10.38
TK14	S04	S01	-14.8	21.77	-1.34	-9.11	-2.19	-1.47
TK15	S14	S11	-2.45	2.08	-0.01	-5.42	-5.88	-0.01
TK16	S11	S08	0.08	0.5	0.02	-1.45	-1.95	0.02
TK17	S08	S05	-1.45	1.95	0.02	0.08	-0.5	0.02
TK18	S05	S02	-5.42	5.88	-0.01	-2.45	-2.08	-0.01
TK19	S15	S12	-9.16	2.1	1.48	-14.88	-21.98	1.34
TK20	S12	S09	-4.42	-27.6	10.4	-8.83	5.49	10.31
TK21	S09	S06	-8.8	-5.58	10.31	-4.39	27.6	10.4
TK22	S06	S03	-14.88	21.98	1.34	-9.16	-2.1	1.48

SÜREKLİ TEMELLER**Yüklem 4 (Y YÖNÜ - 0.05) E4 Deprem**

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-6.87	2.6	-1.03	0.47	-7.08	-1.1
TK02	S02	S03	-0.48	-7.07	1.05	6.83	2.54	0.98
TK03	S04	S05	-8.09	4.7	2.17	-3.59	-10.95	1.92
TK04	S05	S06	3.55	-10.91	-1.89	8.02	4.6	-2.14
TK05	S07	S08	0	0	2.15	0	0	1.89
TK06	S08	S09	0	0	-1.85	0	0	-2.12
TK07	S10	S11	8.09	-4.7	2.17	3.59	10.95	1.92
TK08	S11	S12	-3.55	10.91	-1.89	-8.02	-4.59	-2.14
TK09	S13	S14	6.87	-2.6	-1.03	-0.47	7.08	-1.1
TK10	S14	S15	0.48	7.07	1.05	-6.83	-2.54	0.98
TK11	S13	S10	-9.16	2.1	-1.48	-14.88	-21.99	-1.34
TK12	S10	S07	-4.4	-27.61	-10.41	-8.81	5.53	-10.31
TK13	S07	S04	-8.81	-5.53	-10.31	-4.4	27.61	-10.41
TK14	S04	S01	-14.88	21.99	-1.34	-9.16	-2.1	-1.48
TK15	S14	S11	-2.45	2.08	0.01	-5.42	-5.88	0.01
TK16	S11	S08	0.08	0.5	-0.02	-1.45	-1.95	-0.02
TK17	S08	S05	-1.45	1.95	-0.02	0.08	-0.5	-0.02
TK18	S05	S02	-5.42	5.88	0.01	-2.45	-2.08	0.01
TK19	S15	S12	-9.11	2.19	1.47	-14.8	-21.76	1.34
TK20	S12	S09	-4.48	-27.34	10.38	-8.86	5.45	10.28
TK21	S09	S06	-8.83	-5.55	10.28	-4.46	27.34	10.38
TK22	S06	S03	-14.8	21.76	1.34	-9.11	-2.19	1.47

Yüklem 5 G DÜŞEY

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-13.37	-3.56	-0.39	12.25	-3.72	-0.42
TK02	S02	S03	-12.09	-3.81	0.27	13.73	-2.87	0.23
TK03	S04	S05	-10.73	-6.55	0	10.13	-6.48	0
TK04	S05	S06	-9.62	-6.61	-0.6	11.22	-5.27	-0.62
TK05	S07	S08	-10.87	-6.23	-0.32	9.62	-6.98	-0.34
TK06	S08	S09	-9.31	-6.93	-0.38	10.7	-5.79	-0.42
TK07	S10	S11	-10.93	-5.53	-0.65	9.19	-6.86	-0.69
TK08	S11	S12	-9.06	-6.73	-0.14	10.01	-6.09	-0.21
TK09	S13	S14	-13.3	-2.72	-0.21	10.66	-4.83	-0.24
TK10	S14	S15	-10.21	-4.26	-0.88	11.42	-3.35	-0.97
TK11	S13	S10	-4.05	-2.74	1.52	13.2	6.31	1.09
TK12	S10	S07	0.69	7.11	1.73	6.8	19.92	1.03
TK13	S07	S04	-7.16	20.15	0.87	-0.88	6.8	0.19
TK14	S04	S01	-13.67	6.44	-0.27	3.86	-3.29	-0.67
TK15	S14	S11	-4.24	-1.82	0.44	8.31	2.15	0.39
TK16	S11	S08	-8.04	1.85	0.45	10.38	4.88	0.41
TK17	S08	S05	-10.54	4.87	0.37	8.44	1.95	0.36
TK18	S05	S02	-9.06	2.09	0.12	4.78	-2.17	0.12
TK19	S15	S12	-2.2	-2.79	0.17	12.98	7.78	0.5
TK20	S12	S09	2.99	8.45	1.01	6.97	25.09	1.59
TK21	S09	S06	-7.36	24.55	1.42	-1.82	8.92	2.03
TK22	S06	S03	-14.18	7.79	0.94	3.43	-2.92	1.33

Yüklem 6 Q DÜŞEY

Temel	i	j	tz1	my1	mb1	tz2	my2	mb2
TK01	S01	S02	-1.29	-0.22	0	1.64	0.45	0.02
TK02	S02	S03	-1.57	0.41	-0.09	1.45	0.09	-0.07
TK03	S04	S05	-0.72	-0.76	0.12	1.97	0.99	0.12
TK04	S05	S06	-1.75	0.93	-0.39	0.94	-0.19	-0.39
TK05	S07	S08	-0.39	-0.99	-0.14	2.24	1.55	-0.15
TK06	S08	S09	-2.1	1.57	-0.17	0.32	-0.79	-0.19
TK07	S10	S11	-0.81	-0.31	-0.4	1.55	0.82	-0.43
TK08	S11	S12	-1.5	0.88	0.06	0.4	-0.56	0.02
TK09	S13	S14	-1.26	0.15	-0.27	0.94	-0.05	-0.32
TK10	S14	S15	-0.74	0.2	-0.18	0.42	-0.13	-0.26
TK11	S13	S10	-0.2	0.03	0.55	1.62	1.42	0.52
TK12	S10	S07	-0.41	1.81	0.78	1.1	3.07	0.74
TK13	S07	S04	-1.26	3.17	0.11	0.32	1.68	0.08
TK14	S04	S01	-1.82	1.48	-0.15	0.11	-0.21	-0.17
TK15	S14	S11	0	-0.21	0.2	1.25	0.98	0.17
TK16	S11	S08	-1.01	0.59	0.2	1.41	1.05	0.18
TK17	S08	S05	-1.48	1.05	0.16	1.19	0.63	0.16
TK18	S05	S02	-1.59	0.95	0.05	0.24	-0.36	0.05
TK19	S15	S12	0.63	0.01	0.2	1.52	2.08	0.19
TK20	S12	S09	0.62	2.41	0.44	1.18	5.36	0.43
TK21	S09	S06	-1.35	5.12	0.91	-0.1	2.62	0.91
TK22	S06	S03	-2.05	2.08	0.45	-0.08	-0.05	0.46

SÜREKLİ TEMELLER

Sürekli Temel Kirişlerinin Donatıları

İsim	i	j	tz1	my1	mb1	tz2	my2	mb2	Temel i		Montaj	Düz	Pilye	Gövde	Etriye	Üsttlv	my2	mb2	Altılv	Ampt.	Temel
									HesÜst	MevÜst											
SOL					23.69	-16.7	6.87	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK01	1	1	3.4	7.64	20.73	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					10.43	-3.81	3.01	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					10.51	-3.68	3.04	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK02	1	1	3.4	7.7	20.28	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					22.68	-17.33	6.57	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					52.31	-39.1	15.26	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK03	1	1	2.8	7.64	20.05	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					16.78	-5.46	4.85	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					16.9	-5.27	4.89	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK04	1	1	2.8	7.63	18.67	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					50.46	-40.25	14.71	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					56.99	-44.16	16.64	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK05	1	1	2.75	7.64	19.94	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					7.29	0	2.11	0	29.25	10.78										Ba=0.25	
SOL					7.2	0	2.08	0	29.25	10.78										Bü=0.25	
TK06	1	1	2.75	7.47	19.03	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					56.36	-44.56	16.45	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					50.83	-40.02	14.82	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK07	1	1	2.8	7.38	18.69	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					17.12	-4.91	4.95	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					17	-5.1	4.92	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK08	1	1	2.8	7.02	18.5	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					51.65	-39.51	15.06	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					22.48	-17.46	6.51	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK09	1	1	3.4	7.17	19.54	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					11.96	-2.74	3.46	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					11.14	-3.25	3.22	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK10	1	1	3.4	6.51	17.53	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					23.38	-16.89	6.77	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					4.9	0	1.42	0	29.25	10.78										Bü=0.25	
TK11	1	1	2	8.36	6.3	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					16.31	-29.72	4.72	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					21.21	-36.53	6.14	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK12	1	1	3.4	8.59	11.18	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					0	-35.89	0	28.5	58.5	29.25									5Ø14	Ba=0.25	
SOL					0	-36.22	0	28.5	58.5	29.25									5Ø14	Bü=0.25	
TK13	1	1	3.4	8.64	11.24	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					21.49	-36.08	6.22	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					16.19	-29.91	4.68	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK14	1	1	2	8.49	6.4	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					5.69	0	1.64	0	29.25	10.78										Ba=0.25	
SOL					4.11	-0.45	1.18	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK15	1	1	2	6.61	4.98	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					3.95	-9	1.14	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					0	-3.53	0	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK16	1	1	2.75	7.06	8.79	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					0	-8.52	0	28.5	58.5	29.25									5Ø14	Ba=0.25	
SOL					0	-8.49	0	28.5	58.5	29.25									5Ø14	Bü=0.25	
TK17	1	1	2.75	7.26	9.03	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					0	-3.73	0	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					4	-8.92	1.15	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK18	1	1	2	7.23	5.61	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					4.62	-0.13	1.33	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					4.97	0	1.43	0	29.25	10.78										Bü=0.25	
TK19	1	1	2	7.36	5.55	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					14.98	-31.83	4.33	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					19.99	-38.46	5.79	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK20	1	1	3.4	7.99	10.4	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					0	-43.7	0	28.5	58.5	29.25									5Ø14	Ba=0.25	
SOL					0	-42.57	0	28.5	58.5	29.25									5Ø14	Bü=0.25	
TK21	1	1	3.4	8.43	10.97	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					19.57	-39.14	5.66	28.5	29.25	29.25									12Ø14	Ba=0.25	
SOL					14.97	-31.86	4.33	28.5	29.25	29.25									12Ø14	Bü=0.25	
TK22	1	1	2	8.53	6.43	0	28.5	9.75	29.25	10.78	7Ø14	19Ø14		10Ø12	Ø8/19					Ø8/10	
SAĞ					5.16	0	1.49	0	29.25	10.78										Ba=0.25	

KOLON ETKİLERİ

İsim	Kat	d	h	Ac	As	N0	NMax	Yükleme	NdMax	Nd	Md-x	Mr-x	Md-y	Mr-y	VdMax
S01	3. KAT	0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.89	4.52	0.18	22.2	-1.1	7.02	105.6
S02		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	12.31	6.83	0.27	23.1	0.91	7.36	105.6
S03		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.89	4.52	0.18	22.2	1.1	7.02	105.6
S04		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.13	4.33	7.17	22.12	-0.52	7	105.6
S05		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	17.86	9.42	-1.24	24.09	0.23	7.73	105.6
S06		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.16	4.34	-7.19	22.13	-0.52	7	105.6
S07		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.29	3.95	7.18	21.97	0.65	6.94	105.6
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	18.91	9.96	0.3	15.6	3.11	15.6	110
S09		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.2	3.9	-7.2	21.95	-0.66	6.93	105.6
S10		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.11	4.32	7.17	22.12	0.53	6.99	105.6
S11		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	16.05	8.66	0.95	23.8	0.21	7.62	105.6
S12		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	6.87	3.38	-7.1	21.75	0.48	6.86	105.6
S13		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	7.89	4.52	0.18	22.2	-1.1	7.02	105.6
S14		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	9.81	5.77	0.22	22.68	0.96	7.21	105.6
S15		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	5.39	3.46	0.14	21.78	1.04	6.87	105.6
S01	2. KAT	0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	15.77	9.05	-0.83	23.95	-3.15	7.68	105.6
S02		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	24.62	13.66	-0.74	25.69	-3.17	8.33	105.6
S03		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	15.77	9.05	-0.82	23.95	3.16	7.68	105.6
S04		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	18.2	8.26	21.29	23.64	-0.51	7.57	105.6
S05		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	35.71	18.85	-1.05	27.6	-3.06	9.05	105.6
S06		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	18.25	8.28	-21.31	23.65	-0.5	7.57	105.6
S07		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	14.71	7.97	21.04	23.53	0.54	7.52	105.6
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	37.82	19.92	0.6	17.92	6.3	17.92	110
S09		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	14.5	7.87	-21.06	23.49	-0.54	7.51	105.6
S10		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	18.16	8.24	21.29	23.64	0.51	7.56	105.6
S11		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	32.1	17.31	0.92	27.04	3.09	8.84	105.6
S12		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	13.7	6.36	-21.31	22.91	0.46	7.29	105.6
S13		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	15.77	9.05	0.83	23.95	-3.15	7.68	105.6
S14		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	19.63	11.53	0.69	24.89	3.2	8.03	105.6
S15		0.8	0.3	0.24	24.63	497.95	360	1.4G+1.6Q	10.77	6.92	0.78	23.13	3.16	7.37	105.6
S01	1. KAT	1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	25.03	14.44	-1	46.11	-7.04	16.57	176
S02		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	38.23	21.32	-1.14	49.37	-6.94	17.88	176
S03		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	25.03	14.44	-0.99	46.11	7.04	16.57	176
S04		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	28.85	12.96	43.41	45.4	-0.77	16.29	176
S05		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	54.27	28.79	-1.46	52.83	-6.88	19.26	176
S06		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	28.91	12.98	-43.4	45.41	-0.76	16.29	176
S07		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	23.32	12.74	43.39	45.3	0.87	16.25	176
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	55.44	29.23	0.88	19.98	6.01	19.98	110
S09		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	23.06	12.63	-43.38	45.24	-0.86	16.22	176
S10		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	28.78	12.93	43.41	45.39	0.78	16.28	176
S11		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	49.02	26.55	1.3	51.8	6.93	18.85	176
S12		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	22.07	10.09	-43.31	44.02	0.69	15.73	176
S13		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	25.03	14.44	1.03	46.11	-7.04	16.57	176
S14		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	30.7	18.11	1.16	47.86	6.99	17.27	176
S15		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	17.48	11.23	1.02	44.57	7.02	15.95	176
S01	ZEMİN KAT	1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	34.29	19.84	1.76	48.68	-10.4	17.6	176
S02		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	51.83	28.97	1.6	52.91	-10.38	19.29	176
S03		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	34.29	19.84	1.76	48.68	10.41	17.6	176
S04		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	39.33	17.76	63.25	47.69	0.59	17.21	176
S05		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	72.83	38.74	1.74	57.31	10.4	21.05	176
S06		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	39.4	17.79	-63.27	47.71	0.59	17.21	176
S07		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	32.25	17.7	63.15	47.67	0.48	17.19	176
S08		0.5	0.5	0.25	27.71	526.2	375	1.4G+1.6Q	73.05	38.55	1.16	21.94	10.33	21.94	110
S09		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	31.95	17.57	-63.16	47.6	0.48	17.17	176
S10		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	39.25	17.72	63.26	47.68	0.59	17.2	176
S11		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	65.93	35.8	1.61	56	10.42	20.53	176
S12		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	30.29	13.93	-63.23	45.87	0.49	16.48	176
S13		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	34.29	19.84	1.68	48.68	-10.48	17.6	176
S14		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	41.78	24.68	1.6	50.94	10.4	18.5	176
S15		1	0.4	0.4	40.02	826.17	600	1.4G+1.6Q	24.19	15.54	1.69	46.64	10.46	16.78	176

KOLON KONTROL

İsim	Kat	NdMax/NMax	Md/Mr(x)	Md/Mr(y)	VdMax
S01	3. KAT	0.02	0.01	0.16	105.6
S02		0.03	0.01	0.12	105.6
S03		0.02	0.01	0.16	105.6
S04		0.03	0.32	0.07	105.6
S05		0.05	0.05	0.03	105.6
S06		0.03	0.33	0.07	105.6
S07		0.02	0.33	0.09	105.6
S08		0.05	0.02	0.2	110
S09		0.02	0.33	0.09	105.6
S10		0.03	0.32	0.08	105.6
S11		0.04	0.04	0.03	105.6
S12		0.02	0.33	0.07	105.6
S13		0.02	0.01	0.16	105.6
S14		0.03	0.01	0.13	105.6
S15		0.01	0.01	0.15	105.6
S01	2. KAT	0.04	0.03	0.41	105.6
S02		0.07	0.03	0.38	105.6
S03		0.04	0.03	0.41	105.6
S04		0.05	0.9	0.07	105.6
S05		0.1	0.04	0.34	105.6
S06		0.05	0.9	0.07	105.6
S07		0.04	0.89	0.07	105.6
S08		0.1	0.03	0.35	110
S09		0.04	0.9	0.07	105.6
S10		0.05	0.9	0.07	105.6
S11		0.09	0.03	0.35	105.6
S12		0.04	0.93	0.06	105.6
S13		0.04	0.03	0.41	105.6
S14		0.05	0.03	0.4	105.6
S15		0.03	0.03	0.43	105.6
S01	1. KAT	0.04	0.02	0.42	176
S02		0.06	0.02	0.39	176
S03		0.04	0.02	0.42	176
S04		0.05	0.96	0.05	176
S05		0.09	0.03	0.36	176
S06		0.05	0.96	0.05	176
S07		0.04	0.96	0.05	176
S08		0.15	0.04	0.3	110
S09		0.04	0.96	0.05	176
S10		0.05	0.96	0.05	176
S11		0.08	0.03	0.37	176
S12		0.04	0.98	0.04	176
S13		0.04	0.02	0.42	176
S14		0.05	0.02	0.4	176
S15		0.03	0.02	0.44	176
S01	ZEMİN KAT	0.06	0.04	0.59	176
S02		0.09	0.03	0.54	176
S03		0.06	0.04	0.59	176
S04		0.07	1.33	0.03	176
S05		0.12	0.03	0.49	176
S06		0.07	1.33	0.03	176
S07		0.05	1.32	0.03	176
S08		0.19	0.05	0.47	110
S09		0.05	1.33	0.03	176
S10		0.07	1.33	0.03	176
S11		0.11	0.03	0.51	176
S12		0.05	1.38	0.03	176
S13		0.06	0.03	0.6	176
S14		0.07	0.03	0.56	176
S15		0.04	0.04	0.62	176

Sürtünme Kesmesi

İsim	Kat	lw	Bw	Ac	Çapı	Adet	Awf	fcd	fyd	μ	Vr	0.2Acfcd	Vd
P01	3. KAT	3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	5.96
P02		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	5.96
P03		3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	6.01
P04		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	6.01
P01	2. KAT	3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.63
P02		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.63
P03		3.55	0.3	1.06	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.66
P04		3.55	0.3	1.07	14-12-14	7-26-7	51	2000	36522	1	186.1	426	11.66
P01	1. KAT	3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.79
P02		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.79
P03		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.74
P04		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	13.74
P01	ZEMİN KAT	3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.37
P02		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.37
P03		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.35
P04		3.4	0.3	1.02	14-12-14	14-20-14	65.7	2000	36522	1	240.03	408	15.35

KALIP METRAJİ	252
BETON METRAJİ	256
DONATI METRAJİ	260
Döşeme Donatı Metraji	260
Döşeme Donatı Poz Listesi	261
Kiriş Donatı Metraji	261
Kiriş Donatı Poz Listesi	265
Perde Donatı Metraji	266
Perde Donatı Poz Listesi	267
Kolon Donatı Metraji	267
Kolon Donatı Poz Listesi	270
Sürekli Temel Donatı Metraji	270
Sürekli Temel Donatı Poz Listesi	272

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
DÖŞEMELER			
3. KAT			
D04	poligon	poligon	12.59
D06	poligon	poligon	12.59
D05	poligon	poligon	12.59
D03	poligon	poligon	12.59
D07	poligon	poligon	9.59
D02	poligon	poligon	9.59
D01	poligon	poligon	9.59
KAT TOPLAM			79.13
2. KAT			
D04	poligon	poligon	12.59
D06	poligon	poligon	12.59
D05	poligon	poligon	12.59
D03	poligon	poligon	12.59
D07	poligon	poligon	9.59
D02	poligon	poligon	9.59
D01	poligon	poligon	9.59
KAT TOPLAM			79.13
1. KAT			
D04	poligon	poligon	12.45
D06	poligon	poligon	12.45
D05	poligon	poligon	12.45
D03	poligon	poligon	12.45
D07	poligon	poligon	9.48
D02	poligon	poligon	9.48
D01	poligon	poligon	9.48
KAT TOPLAM			78.25
ZEMİN KAT			
D01	poligon	poligon	9.48
D02	poligon	poligon	9.48
D07	poligon	poligon	9.48
D03	poligon	poligon	12.45
D05	poligon	poligon	12.45
D06	poligon	poligon	12.45
D04	poligon	poligon	12.45
KAT TOPLAM			78.25
PROJE TOPLAM			314.75
KİRİŞLER			
3. KAT			
K06	1.26	2.95	3.72
K05	1.26	2.95	3.72
K08	1.38	3.05	4.21
K07	1.26	3.05	3.84
K04	1.26	3.05	3.84
K03	1.26	3.05	3.84
K15	1.26	2.95	3.72
K14	1.26	2.95	3.72
K16	1.26	2.2	2.77
K13	1.38	2.2	3.04
K12	1.38	2.2	3.04
K11	1.38	2.2	3.04
K10	1.5	3.55	5.32
K09	1.38	3.55	4.9
K18	1.38	2.2	3.04
K17	1.5	2.2	3.3
K02	1.38	3.55	4.9
K01	1.38	3.55	4.9
KAT TOPLAM			68.84
2. KAT			
K06	1.26	2.95	3.72
K05	1.26	2.95	3.72
K08	1.38	3.05	4.21
K07	1.26	3.05	3.84
K04	1.26	3.05	3.84
K03	1.26	3.05	3.84
K15	1.26	2.95	3.72

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
K13	1.38	2.2	3.04
K12	1.38	2.2	3.04
K11	1.38	2.2	3.04
K10	1.5	3.55	5.32
K09	1.38	3.55	4.9
K18	1.38	2.2	3.04
K17	1.5	2.2	3.3
K02	1.38	3.55	4.9
K01	1.38	3.55	4.9
KAT TOPLAM			68.84
1. KAT			
K06	1.26	2.75	3.47
K05	1.26	2.75	3.47
K08	1.38	2.8	3.86
K07	1.26	2.8	3.53
K04	1.26	2.8	3.53
K03	1.26	2.8	3.53
K15	1.26	2.75	3.46
K14	1.26	2.75	3.47
K16	1.26	2	2.52
K13	1.38	2	2.76
K12	1.38	2	2.76
K11	1.38	2	2.76
K10	1.5	3.4	5.1
K09	1.38	3.4	4.69
K18	1.38	2	2.76
K17	1.5	2	3
K02	1.38	3.4	4.69
K01	1.38	3.4	4.69
KAT TOPLAM			64.04
ZEMİN KAT			
K01	1.38	3.4	4.69
K02	1.38	3.4	4.69
K17	1.5	2	3
K18	1.38	2	2.76
K09	1.38	3.4	4.69
K10	1.5	3.4	5.1
K11	1.38	2	2.76
K12	1.38	2	2.76
K13	1.38	2	2.76
K16	1.26	2	2.52
K14	1.26	2.75	3.47
K15	1.26	2.75	3.46
K03	1.26	2.8	3.53
K04	1.26	2.8	3.53
K07	1.26	2.8	3.53
K08	1.38	2.8	3.86
K05	1.26	2.75	3.46
K06	1.26	2.75	3.47
KAT TOPLAM			64.04
PROJE TOPLAM			265.78
PERDELER			
3. KAT			
P03	5.58	3.55	19.81
P04	5.58	3.55	19.81
P01	5.58	3.55	19.81
P02	5.58	3.55	19.81
KAT TOPLAM			79.24
2. KAT			
P03	5.58	3.55	19.81
P04	5.58	3.55	19.81
P01	5.58	3.55	19.81
P02	5.58	3.55	19.81
KAT TOPLAM			79.24
1. KAT			
P03	5.58	3.4	18.97
P04	5.58	3.4	18.97
P01	5.58	3.4	18.97

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
ZEMİN KAT			
P02	5.58	3.4	18.97
P01	5.58	3.4	18.97
P04	5.58	3.4	18.97
P03	5.58	3.4	18.97
KAT TOPLAM			75.89
PROJE TOPLAM			310.25
KOLONLAR			
3. KAT			
S08	2	2.7	4.68
S11	2.2	2.7	5.22
S05	2.2	2.7	5.22
S12	2.2	2.7	4.77
S10	2.2	2.7	4.77
S06	2.2	2.7	4.77
S04	2.2	2.7	4.77
S03	2.2	2.7	5.58
S15	2.2	2.7	5.58
S14	2.2	2.7	5.4
S02	2.2	2.7	5.4
S09	2.2	2.7	4.14
S07	2.2	2.7	4.14
S13	2.2	2.7	5.58
S01	2.2	2.7	5.58
KAT TOPLAM			75.6
2. KAT			
S08	2	2.7	4.68
S11	2.2	2.7	5.22
S05	2.2	2.7	5.22
S12	2.2	2.7	4.77
S10	2.2	2.7	4.77
S06	2.2	2.7	4.77
S04	2.2	2.7	4.77
S03	2.2	2.7	5.58
S15	2.2	2.7	5.58
S14	2.2	2.7	5.4
S02	2.2	2.7	5.4
S09	2.2	2.7	4.14
S07	2.2	2.7	4.14
S13	2.2	2.7	5.58
S01	2.2	2.7	5.58
KAT TOPLAM			75.6
1. KAT			
S08	2	2.7	4.68
S11	2.8	2.7	6.84
S05	2.8	2.7	6.84
S12	2.8	2.7	6.39
S10	2.8	2.7	6.39
S06	2.8	2.7	6.39
S04	2.8	2.7	6.39
S03	2.8	2.7	7.2
S15	2.8	2.7	7.2
S14	2.8	2.7	7.02
S02	2.8	2.7	7.02
S09	2.8	2.7	5.76
S07	2.8	2.7	5.76
S13	2.8	2.7	7.2
S01	2.8	2.7	7.2
KAT TOPLAM			98.28
ZEMİN KAT			
S01	2.8	2.7	7.2
S13	2.8	2.7	7.2
S07	2.8	2.7	5.76
S09	2.8	2.7	5.76
S02	2.8	2.7	7.02
S14	2.8	2.7	7.02
S15	2.8	2.7	7.2
S03	2.8	2.7	7.2
S04	2.8	2.7	6.39
S05	2.8	2.7	6.39

KALIP METRAJI

Açıklama	En	Boy	TOPLAM
S12	2.8	2.7	6.39
S05	2.8	2.7	6.84
S11	2.8	2.7	6.84
S08	2	2.7	4.68
KAT TOPLAM			98.28

PROJE TOPLAM

347.76

SÜREKLİ TEMELLER

ZEMİN KAT

TK11	2	3	6
TK13	2	4	8
TK14	2	3	6
TK12	2	4	8
TK15	2	3	6
TK18	2	3	6
TK16	2	4	8
TK17	2	4	8
TK19	2	3	6
TK21	2	4	8
TK22	2	3	6
TK20	2	4	8
TK03	2	4	8
TK04	2	4	8
TK05	2	4	8
TK06	2	4	8
TK07	2	4	8
TK08	2	4	8
TK09	2	4	8
TK10	2	4	8
TK01	2	4	8
TK02	2	4	8

KAT TOPLAM

164

PROJE TOPLAM

164

GENEL TOPLAM

1402.53

BETON METRAJI

Açıklama	En	Boy	Yükseklik	TOPLAM
DÖŞEMELER				
3. KAT				
D04	poligon	poligon	0.12	1.511
D06	poligon	poligon	0.12	1.511
D05	poligon	poligon	0.12	1.511
D03	poligon	poligon	0.12	1.511
D07	poligon	poligon	0.12	1.15
D02	poligon	poligon	0.12	1.15
D01	poligon	poligon	0.12	1.15
KAT TOPLAM				9.495
2. KAT				
D04	poligon	poligon	0.12	1.511
D06	poligon	poligon	0.12	1.511
D05	poligon	poligon	0.12	1.511
D03	poligon	poligon	0.12	1.511
D07	poligon	poligon	0.12	1.15
D02	poligon	poligon	0.12	1.15
D01	poligon	poligon	0.12	1.15
KAT TOPLAM				9.495
1. KAT				
D04	poligon	poligon	0.12	1.494
D06	poligon	poligon	0.12	1.494
D05	poligon	poligon	0.12	1.494
D03	poligon	poligon	0.12	1.494
D07	poligon	poligon	0.12	1.138
D02	poligon	poligon	0.12	1.138
D01	poligon	poligon	0.12	1.138
KAT TOPLAM				9.39
ZEMİN KAT				
D01	poligon	poligon	0.12	1.138
D02	poligon	poligon	0.12	1.138
D07	poligon	poligon	0.12	1.138
D03	poligon	poligon	0.12	1.494
D05	poligon	poligon	0.12	1.494
D06	poligon	poligon	0.12	1.494
D04	poligon	poligon	0.12	1.494
KAT TOPLAM				9.39
PROJE TOPLAM				37.77
KİRİŞLER				
3. KAT				
K06	0.3	2.95	0.6	0.531
K05	0.3	2.95	0.6	0.531
K08	0.3	3.05	0.6	0.549
K07	0.3	3.05	0.6	0.549
K04	0.3	3.05	0.6	0.549
K03	0.3	3.05	0.6	0.549
K15	0.3	2.95	0.6	0.531
K14	0.3	2.95	0.6	0.531
K16	0.3	2.2	0.6	0.396
K13	0.3	2.2	0.6	0.396
K12	0.3	2.2	0.6	0.396
K11	0.3	2.2	0.6	0.396
K10	0.3	3.55	0.6	0.639
K09	0.3	3.55	0.6	0.639
K18	0.3	2.2	0.6	0.396
K17	0.3	2.2	0.6	0.396
K02	0.3	3.55	0.6	0.639
K01	0.3	3.55	0.6	0.639
KAT TOPLAM				9.252
2. KAT				
K06	0.3	2.95	0.6	0.531
K05	0.3	2.95	0.6	0.531
K08	0.3	3.05	0.6	0.549
K07	0.3	3.05	0.6	0.549
K04	0.3	3.05	0.6	0.549
K03	0.3	3.05	0.6	0.549
K15	0.3	2.95	0.6	0.531

BETON METRAJİ

Açıklama	En	Boy	Yükseklik	TOPLAM
K13	0.3	2.2	0.6	0.396
K12	0.3	2.2	0.6	0.396
K11	0.3	2.2	0.6	0.396
K10	0.3	3.55	0.6	0.639
K09	0.3	3.55	0.6	0.639
K18	0.3	2.2	0.6	0.396
K17	0.3	2.2	0.6	0.396
K02	0.3	3.55	0.6	0.639
K01	0.3	3.55	0.6	0.639
KAT TOPLAM				9.252
1. KAT				
K06	0.3	2.75	0.6	0.495
K05	0.3	2.75	0.6	0.495
K08	0.3	2.8	0.6	0.504
K07	0.3	2.8	0.6	0.504
K04	0.3	2.8	0.6	0.504
K03	0.3	2.8	0.6	0.504
K15	0.3	2.75	0.6	0.495
K14	0.3	2.75	0.6	0.495
K16	0.3	2	0.6	0.36
K13	0.3	2	0.6	0.36
K12	0.3	2	0.6	0.36
K11	0.3	2	0.6	0.36
K10	0.3	3.4	0.6	0.612
K09	0.3	3.4	0.6	0.612
K18	0.3	2	0.6	0.36
K17	0.3	2	0.6	0.36
K02	0.3	3.4	0.6	0.612
K01	0.3	3.4	0.6	0.612
KAT TOPLAM				8.604
ZEMİN KAT				
K01	0.3	3.4	0.6	0.612
K02	0.3	3.4	0.6	0.612
K17	0.3	2	0.6	0.36
K18	0.3	2	0.6	0.36
K09	0.3	3.4	0.6	0.612
K10	0.3	3.4	0.6	0.612
K11	0.3	2	0.6	0.36
K12	0.3	2	0.6	0.36
K13	0.3	2	0.6	0.36
K16	0.3	2	0.6	0.36
K14	0.3	2.75	0.6	0.495
K15	0.3	2.75	0.6	0.495
K03	0.3	2.8	0.6	0.504
K04	0.3	2.8	0.6	0.504
K07	0.3	2.8	0.6	0.504
K08	0.3	2.8	0.6	0.504
K05	0.3	2.75	0.6	0.495
K06	0.3	2.75	0.6	0.495
KAT TOPLAM				8.604
PROJE TOPLAM				35.712
PERDELER				
3. KAT				
P03	0.3	3.55	2.7	2.875
P04	0.3	3.55	2.7	2.876
P01	0.3	3.55	2.7	2.875
P02	0.3	3.55	2.7	2.876
KAT TOPLAM				11.502
2. KAT				
P03	0.3	3.55	2.7	2.875
P04	0.3	3.55	2.7	2.876
P01	0.3	3.55	2.7	2.875
P02	0.3	3.55	2.7	2.876
KAT TOPLAM				11.502
1. KAT				
P03	0.3	3.4	2.7	2.754
P04	0.3	3.4	2.7	2.754
P01	0.3	3.4	2.7	2.754

BETON METRAJİ

Açıklama	En	Boy	Yükseklik	TOPLAM
ZEMİN KAT				
P02	0.3	3.4	2.7	2.754
P01	0.3	3.4	2.7	2.754
P04	0.3	3.4	2.7	2.754
P03	0.3	3.4	2.7	2.754
KAT TOPLAM				11.016
PROJE TOPLAM				45.036
KOLONLAR				
3. KAT				
S08	0.5	0.5	2.7	0.675
S11	0.8	0.3	2.7	0.648
S05	0.8	0.3	2.7	0.648
S12	0.8	0.3	2.7	0.648
S10	0.8	0.3	2.7	0.648
S06	0.8	0.3	2.7	0.648
S04	0.8	0.3	2.7	0.648
S03	0.8	0.3	2.7	0.648
S15	0.8	0.3	2.7	0.648
S14	0.8	0.3	2.7	0.648
S02	0.8	0.3	2.7	0.648
S09	0.8	0.3	2.7	0.648
S07	0.8	0.3	2.7	0.648
S13	0.8	0.3	2.7	0.648
S01	0.8	0.3	2.7	0.648
KAT TOPLAM				9.747
2. KAT				
S08	0.5	0.5	2.7	0.675
S11	0.8	0.3	2.7	0.648
S05	0.8	0.3	2.7	0.648
S12	0.8	0.3	2.7	0.648
S10	0.8	0.3	2.7	0.648
S06	0.8	0.3	2.7	0.648
S04	0.8	0.3	2.7	0.648
S03	0.8	0.3	2.7	0.648
S15	0.8	0.3	2.7	0.648
S14	0.8	0.3	2.7	0.648
S02	0.8	0.3	2.7	0.648
S09	0.8	0.3	2.7	0.648
S07	0.8	0.3	2.7	0.648
S13	0.8	0.3	2.7	0.648
S01	0.8	0.3	2.7	0.648
KAT TOPLAM				9.747
1. KAT				
S08	0.5	0.5	2.7	0.675
S11	1	0.4	2.7	1.08
S05	1	0.4	2.7	1.08
S12	1	0.4	2.7	1.08
S10	1	0.4	2.7	1.08
S06	1	0.4	2.7	1.08
S04	1	0.4	2.7	1.08
S03	1	0.4	2.7	1.08
S15	1	0.4	2.7	1.08
S14	1	0.4	2.7	1.08
S02	1	0.4	2.7	1.08
S09	1	0.4	2.7	1.08
S07	1	0.4	2.7	1.08
S13	1	0.4	2.7	1.08
S01	1	0.4	2.7	1.08
KAT TOPLAM				15.795
ZEMİN KAT				
S01	1	0.4	2.7	1.08
S13	1	0.4	2.7	1.08
S07	1	0.4	2.7	1.08
S09	1	0.4	2.7	1.08
S02	1	0.4	2.7	1.08
S14	1	0.4	2.7	1.08
S15	1	0.4	2.7	1.08
S03	1	0.4	2.7	1.08
S04	1	0.4	2.7	1.08
S06	1	0.4	2.7	1.08

BETON METRAJİ

Açıklama	En	Boy	Yükseklik	TOPLAM
S12	1	0.4	2.7	1.08
S05	1	0.4	2.7	1.08
S11	1	0.4	2.7	1.08
S08	0.5	0.5	2.7	0.675
KAT TOPLAM				15.795

PROJE TOPLAM

51.084

SÜREKLİ TEMELLER
ZEMİN KAT

TK11	1.5	3	0.77	3.45
TK13	1.5	4	0.77	4.6
TK14	1.5	3	0.77	3.45
TK12	1.5	4	0.77	4.6
TK15	1.5	3	0.77	3.45
TK18	1.5	3	0.77	3.45
TK16	1.5	4	0.77	4.6
TK17	1.5	4	0.77	4.6
TK19	1.5	3	0.77	3.45
TK21	1.5	4	0.77	4.6
TK22	1.5	3	0.77	3.45
TK20	1.5	4	0.77	4.6
TK03	1.5	4	0.77	4.6
TK04	1.5	4	0.77	4.6
TK05	1.5	4	0.77	4.6
TK06	1.5	4	0.77	4.6
TK07	1.5	4	0.77	4.6
TK08	1.5	4	0.77	4.6
TK09	1.5	4	0.77	4.6
TK10	1.5	4	0.77	4.6
TK01	1.5	4	0.77	4.6
TK02	1.5	4	0.77	4.6

KAT TOPLAM

94.3

PROJE TOPLAM

94.3

GENEL TOPLAM

263.902

DONATI METRAJI**Kiriş Donatı Metraji**

Açıklama	Adet	Poz	Boy	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø24	Ø26	Ø28	Ø30	Ø32
K16 Etriye (Orta)	22	3	1.82	15.8												
K13 İlave	2	37	2.01				4.86									
K13 İlave	2	38	2.19				5.29									
K14 İlave	2	29	1.88				4.53									
K15 İlave	1	39	2.19			1.94										
K16 İlave	2	40	2.01				4.86									
K03 Montaj	7	1	9.02			56.06										
K03 Gövde	2	2	7.94			14.1										
K03 Etriye (Orta)	28	3	1.82	20.11												
K04 Etriye (Orta)	28	3	1.82	20.11												
K03 İlave	2	31	2.21				5.34									
K03 İlave	2	32	1.8				4.35									
K04 İlave	2	33	2.21				5.34									
K07 Montaj	7	1	9.02			56.06										
K07 Gövde	2	2	7.94			14.1										
K07 Etriye (Orta)	28	3	1.82	20.11												
K08 Etriye (Orta)	28	3	1.82	20.11												
K07 İlave	2	31	2.21				5.34									
K07 İlave	2	32	1.8				4.35									
K08 İlave	2	33	2.21				5.34									
K05 Montaj	7	1	9.02			56.06										
K05 Gövde	2	2	7.94			14.1										
K05 Etriye (Orta)	31	3	1.82	22.26												
K06 Etriye (Orta)	31	3	1.82	22.26												
K05 İlave	2	28	2.2				5.31									
K05 İlave	2	29	1.88				4.53									
K06 İlave	2	30	2.2				5.31									
PROJE TOPLAM				1442.03		2691.96	382.56									

Kiriş Donatı Poz Listesi

Poz	Adet	Boy	Çapı	Ağırlık
1	124	9.02	12	993
2	40	7.94	12	281.97
3	2008	1.82	8	1442.03
4	4	2.05	14	9.9
5	8	1.98	14	19.09
6	4	2.05	14	9.9
7	8	2.07	14	20.04
8	8	1.83	14	17.64
9	8	2.07	14	20.04
10	8	7.67	12	54.49
11	10	8.5	12	75.44
12	16	4.15	12	58.97
13	8	8.76	12	62.24
14	8	7.67	12	54.49
15	10	8.5	12	75.44
16	12	1.86	14	26.97
17	4	2.09	14	10.09
18	2	2.09	12	3.71
19	12	1.86	14	26.97
20	56	4.32	12	214.78
21	32	3.24	12	92.05
22	8	1.36	14	13.15
23	8	1.36	14	13.15
24	8	5.99	12	42.58
25	8	5.99	12	42.58
26	4	1.7	12	6.03
27	4	1.7	12	6.03
28	4	2.2	14	10.62
29	8	1.88	14	18.13
30	4	2.2	14	10.62
31	8	2.21	14	21.36
32	8	1.8	14	17.4
33	8	2.21	14	21.36
34	10	8.45	12	75
35	16	4.35	12	61.81
36	10	8.45	12	75
37	12	2.01	14	29.15
38	4	2.19	14	10.57
39	2	2.19	12	3.88
40	12	2.01	14	29.15
41	56	4.42	12	219.75
42	32	3.34	12	94.89

DONATI METRAJİ

Sürekli Temel Donatı Metrajı

Açıklama	Adet	Poz	Boy	Ø8	Ø10	Ø12	Ø14	Ø16	Ø18	Ø20	Ø22	Ø24	Ø26	Ø28	Ø30	Ø32
TK06 Temel İlv.	12	26	2.56				37.09									
TK05 Temel Tév.	2	24	7.94		9.79											
TK06 Temel Tév.	2	24	7.94		9.79											
TK07 Temel Etriye	42	1	3.26	54.03												
TK07 Ampatman	40	2	1.8	28.41												
TK08 Temel Etriye	42	1	3.26	54.03												
TK08 Ampatman	40	2	1.8	28.41												
TK07 Temel Montaj	26	19	9.74				306.02									
TK07 Temel Gövde	10	20	7.94			70.49										
TK07 Temel İlv.	12	21	2.57				37.27									
TK08 Temel İlv.	12	22	1.8				26.1									
TK08 Temel İlv.	12	23	2.57				37.27									
TK07 Temel Tév.	2	24	7.94		9.79											
TK08 Temel Tév.	2	24	7.94		9.79											
TK09 Temel Etriye	42	1	3.26	54.03												
TK09 Ampatman	40	2	1.8	28.41												
TK10 Temel Etriye	42	1	3.26	54.03												
TK10 Ampatman	40	2	1.8	28.41												
TK09 Temel Montaj	26	19	9.74				306.02									
TK09 Temel Gövde	10	20	7.94			70.49										
TK09 Temel İlv.	12	27	2.12				30.74									
TK10 Temel İlv.	12	10	2.1				30.45									
TK10 Temel İlv.	12	28	2.12				30.74									
TK09 Temel Tév.	2	24	7.94		9.79											
TK10 Temel Tév.	2	24	7.94		9.79											
TK01 Temel Etriye	42	1	3.26	54.03												
TK01 Ampatman	40	2	1.8	28.41												
TK02 Temel Etriye	42	1	3.26	54.03												
TK02 Ampatman	40	2	1.8	28.41												
TK01 Temel Montaj	26	19	9.74				306.02									
TK01 Temel Gövde	10	20	7.94			70.49										
TK01 Temel İlv.	12	27	2.12				30.74									
TK02 Temel İlv.	12	10	2.1				30.45									
TK02 Temel İlv.	12	28	2.12				30.74									
TK01 Temel Tév.	2	24	7.94		9.79											
TK02 Temel Tév.	2	24	7.94		9.79											

PROJE TOPLAM 1693.81 150.29 738.13 4891.42

Sürekli Temel Donatı Poz Listesi

Poz	Adet	Boy	Çapı	Ağırlık
1	864	3.26	8	1111.4
2	820	1.8	8	582.41
3	382	2.15	14	992.57
4	78	12.37	14	1165.95
5	30	10.94	12	291.38
6	21	4.35	14	110.39
7	38	5.12	14	235.11
8	20	3.34	12	59.31
9	48	1.75	14	101.51
10	34	2.1	14	86.28
11	16	3.34	10	32.95
12	19	5.56	14	127.6
13	10	3.94	12	34.98
14	12	2.37	14	34.37
15	24	2.19	14	63.44
16	5	1.88	14	11.33
17	12	2.37	14	34.37
18	8	3.94	10	19.43
19	130	9.74	14	1530.09
20	50	7.94	12	352.46
21	24	2.57	14	74.53
22	24	1.8	14	52.2
23	24	2.57	14	74.53
24	20	7.94	10	97.91
25	12	2.56	14	37.09
26	12	2.56	14	37.09
27	24	2.12	14	61.48
28	24	2.12	14	61.48

PROJE TOPLAM

7473.65

ÖZGEÇMİŞ

Doğum Tarihi : 02.08.1981
Doğum Yeri : Batman

Öğrenim

Eğitim Derecesi	Okul	Mezuniyet Tarihi
İlkokul	Cengiz Topel İlk Okulu	. 1992
Ortaokul	Atatürk Orta Okulu	1995
Lise	Fatih Lisesi	1998
Lisans	Celal Bayar Üniversitesi	2005

Bulunduğu Görevler

Görevi	Firma	Çalıştığı Tarihler
Genel Koordinatör Şantiye Şefi	Öz Baraklar İnş..	2005-