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HASARLI YÜKSEK YAPILARIN ONARIMI VE GÜÇLENDİRİLMESİ

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SİMGE LİSTESİ

T	Yapının Ana Titreşim Periyodu
C_T	Kayma Dalgası Hızı
$\delta_{elastik}$	Kopma Uzama Sınırı
δ_{max}	Elastik Sınır
H_N	Bina Yüksekliği
I	Yapı Önem Katsayısı
N_{ki}	Rijitlik Düzensizlik Katsayısı
R	Taşıyıcı Sistem Davranış Katsayısı
α_m	Perde Taban Moment Oranı
η	Süneklik Oranı
θ_i	İkinci Mertebe Gösterge Değeri

KISALTMA LİSTESİ

ABYYHY	Afet Bölgelerinde Yapılacak Yapılar Hakkında Yönetmelik
ÇMHP	Çatı Merdiven Hasar Puanı
EÖK	Eleman Önem Katsayısı
HAP	Hasar Arttırıcı Puan
KKYP	Katlar Arası Yedeğiştirme Puanı
SİHP	Sistem Hasar Puanı
THP	Toplam Hasar Puanı
Z2	Zemin Sınıfı 2
Z4	Zemin Sınıfı 4

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ÖNSÖZ

Ulusça yaşadığımız son şiddetli depremler olan Marmara ve Düzce depremleri sonucu bir çok yapı ağır hasar görmüş veya yıkılmış, birçoğu da az veya orta hasar görerek bu depremleri atlatmışlardır. Dolayısıyla yapıların onarım ve güçlendirmesi konusu son derece önem kazanmıştır. Bir binayı onarıp güçlendirmek yeniden yapmaktan mevcut belirsizliklerden dolayı daha zor olabilmektedir. Bu durumda mühendis ön sezgileri ve deneyimini kullanarak yapı hakkındaki en doğru kararı vermek durumundadır. Günümüzde kullanılan bilgisayar programları ile yapıların statik ve dinamik analizlerini yapmak daha kolay olsa da, bilgisayarların birer robot olduğu unutulmamalı ve girilen bilgiler doğrultusunda çözümler yaptıkları bilinmelidir. Bu çalışmada onarım ve güçlendirme yapılacak yapılar hakkında genel bilgiler verilmiş ve örnek bir mevcut binanın analizi yapılarak güçlendirme projesi hazırlanmıştır. Bu tezi hazırlamamda bilgi ve deneyimlerini benden esirgemeyen fakültemizin öğretim üyesi Prof. Dr. Ercüment KÖKSAL'a teşekkürü bir borç bilirim.

ÖZET

Son yıllarda statik ve dinamik analiz yapan bilgisayar programları geliştirilmiş olup bir yapı sistemi için kısa sürede çok sayıda farklı çözümler üretmek mümkün olmuştur. Bu da en doğru çözümün yapılabilmesi açısından büyük avantaj sağlamıştır. Depremden etkilenen yapıların hasar tespitinin yapılması, onarım ve güçlendirmeye karar verilenlerin ise yapılacak olan çalışmaların en doğru bir biçimde tasarlanıp uygulanması son derece önemlidir. Bu çalışmada ülkemizde onarım ve güçlendirmeyi bekleyen çok sayıda yapı olduğu düşünülerek, konu hakkında genel bilgiler verilmiş olup İstanbul-Fatih'teki mevcut bir binanın farklı iki zemin sınıfına göre (zemin sınıfı 2 ve 4) Sta4-cad bilgisayar yapı analiz programı ile çözümleri yapılmış ve bulunan sonuçların karşılaştırmaları yapılarak her iki durum için takviye projeleri hazırlanmıştır. Çalışmanın daha geniş bir alana yayılması amacıyla mevcut binaya bir kat eklenerek yüksek yapı elde edilmiş (temelden itibaren 27.4 mt) ve çözümler buna göre yapılmıştır. Zemin sınıfı 2 için yapılan hasar tespit çalışmalarında bina az hasarlı duruma tekabül ettiği halde, zemin sınıfı 4 için yapılan orta hasarlı yapı olarak değerlendirilmiştir. Zemin sınıfı 2 için yapılan çözümler sonucunda binanın x yönünde 2 adet, y yönünde 4 adet betonarme perde güçlendirme için yeterli olurken; zemin sınıfı 4 için y yönüne 2 adet daha 1.50x0.25 mt'lik betonarme perde uygulanması gerektiği saptanmıştır. Ayrıca yapının olası bir depremde zemin hakim periyoduyla titreşim yapmayacağı kanaatine varılmış ve rezonans tehlikesinin bulunmadığı belirlenmiştir.

Anahtar Kelimeler: Hasar, onarım, güçlendirme, rezonans, yüksek yapı

ABSTRACT

During these last years software having the capacity of performing static and dynamic analysis have been developed and so it has been possible to produce for a construction system, a great number of different solutions in a very short period of time and this has been a great advantage in finding the exact solution. It's extremely important to determinate the damages caused by the earthquake in the buildings in order to repair and to strength them and all these works have to be planed and applied in the best way. In this study, we consider the fact that there are a lot of buildings waiting to be repaired and to be strengthened, so we gave general information on the subject and analyzed a building in Istanbul, in the district of Fatih, on two different ground classes (ground class 2 and class 4) through the STA4-CAD computerized construction analysis program that gave us the solutions, so, comparing the results, we have been able to prepare the reinforcement projects for both situations.
In order to spread the study on a larger surface, we added a floor to the present building and so we obtained a higher construction (27,4 meter from the basement) and we found out the relative solutions.In the works aiming to determinate the damages for ground class 2, the building resulted to have been slight damaged, while for ground class 4 it resulted to have been damaged on a medium range. According to the solutions presented for ground class 2, it came out that 2 curtain supporting reinforced concrete walls had to be added on the "x" direction and 4 others on the "y" direction for strengthening the building, while for ground class 4, it came out that next to the above mentioned walls, 2 more reinforced concrete curtain walls measuring 1,50 x 0,25 mt. had to be added to the building.We also got the impression that, in case of earthquake, the building wouldn't be able to vibrate with the same ground vibration period and we stated that there was no danger of resonance.

Keywords: Damage, repair, reinforcement, resonance, High rise

1. GİRİŞ

Depremler ani ve ivmeli yer sarsıntıları olduğu için kütlesi olan her şeyde atalet kuvvetlerinin doğmasına neden olurlar. Bu kuvvetlerle mukabele edemeyecek güçte olan yapılar hasar görür veya yıkılırlar. İnsanlar korkar, panik yaşarlar. Birçok tabii faaliyetin düzeni değişir. Bazı mevcut kaynaklar kurur, yeni kaynaklar ortaya çıkar. Denizlerde büyük dalgalar (tsunami) oluşur ve kıyılarda büyük tahribat yaparlar. Yer altı su seviyesi yüksek kumlu tabakalarda sıvılaşma meydana gelir. Sıvılaşmış zemin üzerindeki yüzeysel temelli yapılar zemine batar, gömülür.

Depremle ilgili bilimsel çalışmalar geçtiğimiz son yüzyılda başlamıştır. 1923 Kanto (Tokyo) depremi japonya'da deprem ve depremle ilgili çalışmalar için milat olmuştur. Yurdumuzda son yıllarda meydana gelen ve ilgili kurum ve kişiler tarafından incelenerek değerlendirilen depremlerde büyük hasar ve yıkılma ile sonuçlanan olayların hemen tümünde maddi olanak ve bilgi eksikliğinden kaynaklanan yanlış yapım veya yönetmelik kurallarına uymama sonucu ortaya çıkan yapısal yetersizlikler söz konusudur. Bunların dışında depremden oluşan etki ve hasarların yerel zemin koşullarına sıkı sıkıya bağlı olduğu unutulmamalıdır. Projelendirmede yönetmelik kurallarına uyarken gösterilecek dikkat ve titizliğin, belki daha fazlasının yapım sırasında da gösterilmesi gerektiği unutulmamalıdır. 1998 deprem yönetmeliği yeni bilgi ve deneyim sonuçlarını içermektedir. Bununla beraber hasarın pek çok durumda asıl sebebi mevcut kuralların uygulanması ve yapıların projelendirilmesinde ve inşasında yeterli mühendislik hizmeti görmemeleridir.

Deprem ile ilgili yönetmelikler genellikle yeni yapılacak yapıların depremde kabul edilebilir davranış göstermeleri için uyulması gerekli kuralları içerir. Bunun gibi deprem tehlikesini gösteren haritalar, zemin koşullarının daha ayrıntılı ve küçük ölçekte belirlenmesi ve deprem hareketinin ölçümü genellikle hep yeni yapılacak yapılara dönüktür. Ancak depremden sonra binalardaki hasarın tespit edilmesi ve hasar derecesine göre onarım ve güçlendirilme veya yıkıma karar verilmesi de önemlidir. İyi projelendirilmemiş veya uygulanmasında özen gösterilmemiş binalarda hasar meydana gelme olasılığı depremin şiddetine bağlı olarak büyüktür. Bunun yanında projelendirilmesi ve uygulamasına gerekli özen gösterilen binalarda da şiddetli depremlerde hasar meydana gelebilir. Bu nedenle hasarın belirlenmesi ve devamında gerekli güçlendirmenin yapılması deprem mühendisliği ile inşaat mühendisliğinin önemli konularından biridir.

Ulusça yaşadığımız son depremlerden sonra ekonomik koşullar dolayısıyla az sayıda bina onarılıp güçlendirilmiş ve yapılan incelemelerde önemli proje ve uygulama hatalarına rastlanmıştır. Bu konu ülkemiz için gündeme yeni oturduğu için kaynak sayısı son derece sınırlı kalmıştır. Yapılan bu çalışma günümüzde tüm mühendislik birimlerinde olduğu gibi inşaat mühendisliği alanında da bilgisayar programları kullanıldığı dikkate alınarak; mevcut bir yapının temel ilkeler doğrultusunda Sta4-cad bilgisayar programı ile hesap analizlerinin sonucuna dayanarak farklı iki zemin türüne göre çözümü yapılmıştır. Bu sonuçlara göre yapılan takviye projesi oldukça ayrıntılı bir biçimde son deprem yönetmeliğine uygun olarak çizilmiştir. Ayrıca mevcut mimari fonksiyonların takviye uygulamasından sonra devam etmesine de gereken özen gösterilmiştir.

2. DEPREMİN YAPILAR ÜZERİNDEKİ ETKİLERİ

Depremler ani ve kısa süreli olarak yapılara yatay ve dinamik yük olarak etkimektedirler. Bu yüzden deprem yüklerinin yapıya etkiyen düşey yüklere göre daha belirsiz olduğu açıktır. Bu nedenle bir yapının ömrü boyunca etki altında kalması söz konusu olabilecek deprem güvenlikle karşı koyabilme özelliği, kesin olarak belirlenebilecek bir özellik değildir. Yüklerin ve dayanım özelliklerinin istatistiksel değerlerine bağlı olarak depremin de şiddeti ve oluşum sıklığı istatistiksel olarak tahmin edilir.

Yapılar deprem etkisini önce elastik sınırlar içinde karşılarlar. Ancak daha büyük depremlerde yapılar elastik davranışın üzerinde şekil değiştirerek bu enerjiyi karşılamaya çalışırlar. Bu sönümlenen enerji miktarı yapıların süneklik derecesiyle doğru orantılıdır.
Yapılar depremlerde, üzerinde bulundukları zeminin türüne, taşıyıcı sistem özelliklerine göre çok değişik davranışlarda bulunurlar. Bu davranış A.B.Y.Y.H.K 97 de R katsayısı ile ifade edilmektedir. Bu katsayı betonarme elemanların deprem etkisi altındaki davranışlarıyla yakından ilgilidir.

2.1 Deprem Etkisi Altındaki Betonarme Yapı Elemanlarının Davranışı

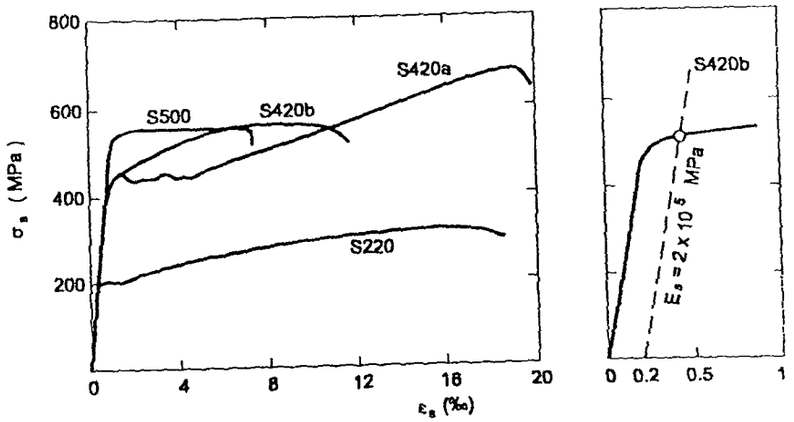
Deprem yükü altındaki yapının davranışının belirlenmesinde yapıyı oluşturan elemanların davranışlarının bilinmesi gerekir. Bunlardan süneklilik ; dayanımda kayda değer bir azalma olmadan deprem enerjisini yokedebilme yeteneği olarak tanımlanabilir.

2.1.1 Beton

Betonun basınç dayanımı yüksek, çekme dayanımı oldukça düşük bir malzemedir. Bu yüzden yapılarda basınç etkilerini karşılayacak şekilde çalıştırılır. Donatıya göre de daha gevrek bir malzeme olduğu için elemanların güç tükenmesinde donatının etkili olması ve bu suretle sünek bir davranışın elde edilmesi sağlanır.

2.1.2 Çelik

Betonarme inşaatlarında kullanılan ve donatı olarak isimlendirilen çelik genel olarak düz yüzeyli ve daire kesitlidir. Ancak deprem etkisi altında düz yüzeyli çelik donatıların betondan kolayca sıyrıldığı için aralarındaki aderansın daha güçlü olması için nervürlü donatı kullanılması avantaj sağlar. Yurdumuzda S220 , S420 ve S500 olmak üzere üç tür çelik kullanılmaktadır. Bunun gerilme – birim uzama eğrileri şekil 2.1 de verilmiştir.

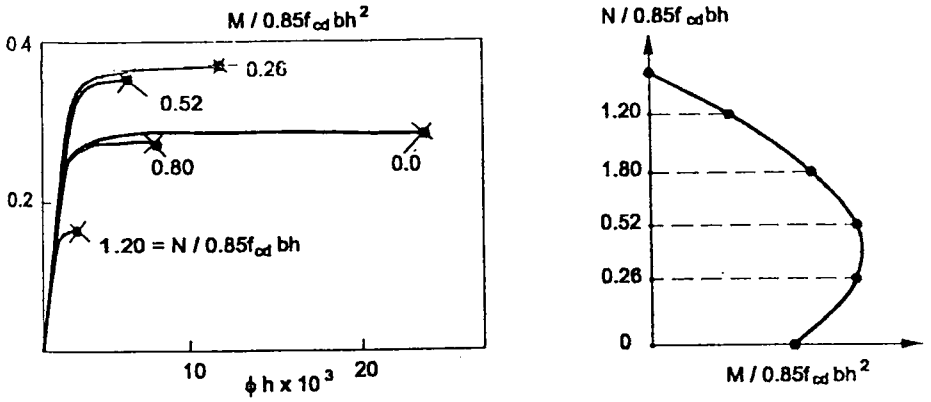


Şekil 2.1 Betonarme çeliklerde birim boy değişimi

Betonarme kesitlerin boyutlandırılmasında akma gerilmesi esas alınır. Ancak kesitin taşıma gücü kapasitesinin hesabında pekleşme ile ortaya çıkan artış göz önüne alınarak, akma gerilmesi kullanılarak hesaplanan değer artırılır. Kopma gerilmesinin beklenilenin üzerinde olması kapasiteyi arttırdığı için güç tükenmesinin kontrolünü önlemesi bakımından arzu edilmez. Gerilme – şekil değiştirme eğrisi altında kalan alan donatının kopmaya ulaşıncaya kadar alınan birim hacim şekil değiştirme enerjisine karşı gelir. Bu nedenle ϵ_{su} kopma birim uzamasının dolayısıyla bu alanın büyümesi donatının sünek kalmasına karşı gelir.

2.1.3 Kolonlar

Yapılarda kolonlar genellikle oluşturulan çerçevelerin düşey taşıyıcıları olarak isimlendirilir. Deprem hareketinin her iki doğrultuda meydana gelmesi nedeniyle, genellikle kolonlar eksenlerine simetrik donatılır. Deprem sırasında kolonlardaki basınç kuvvetinde genellikle küçük artma ve azalma görülür. Buna karşılık depremden meydana gelen eğilme momenti düşey yüklerden çok daha etkili olabilir. Bu durum şekil 2.2 de bir kesitte moment – eğrilik değişimi değişik normal kuvvet değerleri için gösterilmiştir.



Şekil 2.2 Kesitte eğilme momenti ve eğrilik değişiminin normal kuvvet seviyesine olan bağlılığı

Verilen karşılıklı etki diyagramından da görüldüğü gibi basit eğilmeden başlayarak belirli bir normal kuvvet değerine kadar basınç bölgesi arttığı için eğilme dayanımı da artmaktadır. Ancak normal kuvvetin artmaya devam etmesi eğilme momenti dayanımını azaltmaktadır. Çerçeveli yapılarda depremden meydana gelen eğilme momenti kolonda doğrusal bir değişim göstererek kolon alt ve üst uçlarını daha fazla zorlar. Kolonlarda betonda basınç gerilmeleri etkin olduğu için betonun yanal şekil değiştirmesinin sınırlandırılması ile hem beton basınç dayanımında ve hem de süneklikte önemli artış sağlamak mümkündür. Bu amaçla bu bölgelerde etriye sıklaştırması gereklidir.

Kolonlar ve özellikle kirişler eğilme momenti etkisi yanında kesme kuvveti bulunurlar. Dengeli donatının altında bulunarak ve etriye sıklaştırması eğilme momenti güç tükenmesinin sünek biçimde ortaya çıkmasını sağlamak mümkündür. Ancak, kesme kuvveti taşıma gücünün azalması ile ortaya çıkan güç tükenmesi genellikle sünek değildir. Bu nedenle boyutlandırmaya esas olandan daha büyük deprem zorlaması durumunda ortaya çıkacak güç tükenmesinin sünek olması için elemanın kesme kuvveti dayanımının eğilme dayanımından daha büyük tutulması gerekir.

2.1.4 Kirişler

Kirişler normal kuvvete göre eğilme momentinin çok daha etkin olduğu yapı elemanlarıdır. Kiriş kesitlerinde eğilme momenti etkisiyle dönmeler basınç ve çekme gerilmeleri meydana gelir. Eğilme momentinin küçük değerleri için betonda basınç ve çekme gerilmeleri meydana gelirken, momentin artmasıyla beton çatlar, çekme gerilmelerinin önemli bir kısmı çekme donatısı tarafından taşınır. Eğilme momenti artarken beton basınç gerilmeleri dağılışı doğrusal

olmayan bir değişimle meydana gelir ve donatı akma gerilmesine ulaşarak plastik şekil değiştirmeler yapar ve kesit de taşıma gücüne erişir.

2.1.5 Perdeler

Yüksek yapılarda perdeler yatay yüklerin karşılanmasında etkili bir şekilde kullanılır. Yüksek binalarda sağladıkları dayanımın yanında yanal yerdeğiştirmeyi sınırlamaları yönünden de tercih edilir. Büyük depremlerde perdeler plastik şekil değiştirmelerle yatay kuvvetlerin dinamik etkisine karşı koyar. Özenli bir şekilde düzenlenen perdeler sistemin toplam göçmesini önledikleri gibi yapısal olmayan hasarların sınırlandırılmasında da etkili olurlar. Perdelerde yatay yüklerden eğilme momenti ve kesme kuvveti oluşurken, düşey yüklerden normal kuvvet meydana gelir.En çok zorlanan kesit tabanda olup, eğilme momenti ve normal kuvvet etkileşimi gözönüne alınarak boyutlandırılır. Perdenin yatay yükleri karşılaması bakımından kat döşemelerine olan bağlantısı ve tüm yükü zemine iletmesi için yeterli temel düzeni sağlamalıdır.

Deprem etkisinde kolon kesitlerinde normal kuvvet ve eğilme momenti beraberce etkili olurken, perde kesitlerinde eğilme momenti etkili olur. Düşük normal kuvvet nedeniyle perde temellerinin zeminde çekme gerilmesi oluşmayacak biçimde düzenlenmesi mümkün olmayabilir. Eğer perde bir yapıya sonradan bir güçlendirme maksadıyla ilave edilmişse, perdenin normal kuvveti sadece daha sonra gelecek hareketli yüklerden oluşacağı için bu durum çok daha belirgin olarak ortaya çıkar.

2.1.6 Döşemeler

Döşemeler esas olarak düşey yükleri karşılarlar ve bunları kolon ve perdelere iletirler. Bunun yanında deprem yüklerinin düşey taşıyıcı elemanlara dağıtılması da döşemeler tarafından yapılır. Genel olarak döşemeler düzlemi içinde rijit kabul edilir. Bu durumda yükün düşey elemanlara paylaştırılması tamamen bu elemanların rijitliğine bağlı olur ve döşemenin düzlemleri içinde şekil değiştirmesi ise diğer elemanlarınkiler yanında ihmal edilir. Döşemelerde yatay yüklerden oluşan kesme kuvveti ve eğilme momenti etkilerinin karşılanması gerekir. Yatay deprem kuvvetlerinin kolon ve perde gibi düşey elemanlara aktarıldığı bölgelerde ek zorlamalar meydana gelir. Döşemelerin bu bölgelerinin ayrıntılı biçimde incelenmesi ve bu zorlamaların karşılanması gerekir.

3. YAPILARIN DEPREME DAYANIKLILIK İLKELERİ

Depreme dayanıklı yapı tasarımının amacı yapıların ekonomik ömürleri içinde olabilecek hafif ve orta şiddetli depremlerde hiç hasar görmemelerinin ve yine aynı süre içinde olabilecek en şiddetli depremde de can kaybına yol açmayacak ve ekonomik biçimde onarılabilecek düzeyde hasar görmelerinin sağlanmasıdır. Yapıların depreme dayanıklılığı depremlerde oluştuğu bilinen miktarda kuvvetlerin yapı tarafından taşınabildiğinin gösterilmesi olayıdır. Depremlerde oluşan yükler ise deprem yönetmeliklerinde yatay yük hesabı için verilenlerden çok fazladır. Birinci derece deprem bölgesindeki yapının yatay deprem yükü ağırlığının %10 u kadardır. Oysa birinci derece deprem bölgesindeki bir yapının ekonomik ömrü içinde bir kere karşılaşacağı IX şiddetindeki bir depremde oluşan yatay yük yapı ağırlığının %30 - %40 ı kadar olmaktadır. Bu durumda ağırlığının %10 u kadar bir yatay yükü elastik gerilme sınırları içinde taşıyacak bir yapı ancak VI- VII şiddetlerindeki depremlerin yatay yüklerine hasar görmeden karşı koyabilecektir. IX şiddetindeki bir depremde yapıya gelen yükler daha büyük olacağı için yapının hasar görmesi söz konusudur. Hasarı önlemek için yapının ağırlığının %30 - %40 ına eşit yatay kuvvetlere dayanacak biçimde boyutlandırılması gereği öne sürülebilir. Ancak yapı maliyeti çok artacağı için bunun yerine betonarme elemanlarda kalıcı ötelemelere izin verilir ve bunu sağlayacak ayrıntılar sağlanırsa elemanın önemli ölçüde enerji tüketebileceği kanıtlanmıştır. Betonarme yapılar yüksek deformasyon gücü olan elemanlardan oluşuyorsa kalıcı deformasyonlar yaparak depremin enerjisini tüketebilmektedirler.

Bir yapının depreme dayanıklı olup olmadığı aşağıdaki kıstaslarla belirlenebilir:

1. Plan ve düşey kesitte yapı mümkün olduğu kadar basit ve düzgün olmalıdır.
2. Temel sağlam ve düzgün özellikli zemine oturmalıdır.
3. Deprem etkisini taşıyacak elemanlar, planda burulma olmayacak şekilde düzenlenmelidir.
4. Yapı elemanları gerekli yeterli dayanımları yanında sünek olmalıdırlar.

Depreme karşı güvenliğin sağlanmasında taşıyıcı sistemin tasarımının iyi yapılması çözümlemeden daha önemlidir. Kötü tasarlanmış bir taşıyıcı sistemi çözümleme ile veya yapımda alınacak önlemlerle düzeltmek mümkün değildir. Buna karşılık iyi tasarlanmış bir taşıyıcı sistemi basit yöntemlerle çözümlemek ve kolay imal etmek mümkündür. Bu amaçla tasarımda aşağıdaki noktalara dikkat edilmesi uygundur.

3.1 Geometri

Geometrisi basit düzenlenmiş bir yapının depremdeki davranışını tahmin etmek ve buna göre bir çözümleme yapmak daha kolaydır. Ayrıca bu tür yapıların yapımında hata yapma olasılığı azdır. Yapıların planda en az iki doğrultuda simetriye sahip olması istenir. Plandaki şekli H,L,T olan binalar meydana gelen depremlerde önemli hasarlar görmüşlerdir. Bununla beraber binanın dış kısmına ve binaya bağlı olarak düzenlenen merdiven ve asansörler rijitlik merkezini simetri merkezinden kenara çektikleri için ek burulma kuvvetlerinin meydana gelmesine sebep olurlar. Yani simetri yalnız plandaki şekle değil, taşıyıcı sistemdeki ayrıntılarla da sağlanmalıdır.

3.2 Süreklilik

A.B.Y.Y.H.Y. 97'ye göre B grubuna giren düşey doğrultudaki düzensizlikler taşıyıcı sistemde belirli bölgelerin aşırı zorlanmasına sebep olur. Ayrıca kolon ve ona mesnetlenen kirişlerin eksenleri arasındaki dışmerkezlik de elden geldiği kadar önlenmeli ve bunların genişliklerinin birbirine yakın olmasına çalışılmalıdır. Böylece özellikle betonarme elemanlarda kesit etkilerinin geçişini sağlayan iyi bir donatı düzeni sağlanabilir. Birleşim bölgesinde gösterilen özenle meydana gelebilecek genel hasarlar da önlenmiş olur. Sürekliliğin sağladığı en önemlim fayda depremde meydana gelebilecek hasarlarda taşıyıcı elemanların birbirine yardım etmesi (yeniden uyum) daha yüksek oranda sağlanır.

3.3 Rijitlik ve Dayanım

Elemanların sürekliliği yanında, rijitliklerinin de ani değişiklikler göstermeden devam etmesine gayret edilmelidir. Yapı elemanlarının rijitliğini uygun seçerek titreşim periyodunu belirli aralığa getirerek deprem etkilerini küçültmek mümkündür. Bunun için ilk yapılacak iş spektrum eğrisinde bölgenin hakim periyodu ile yapınınkini uzak tutarak rezonans olayını önlemektir. Örneğin uzun zemin periyotlarının hakim olduğu bölgede kısa periyotlu, rijit, az katlı yapılar uygun düşer. Genellikle bu tür bölgelerde derin tabakalar halinde yumuşak zemin bulunur ve yer hareketinin yüksek frekanslı bölümünü filtre ederek söndürür, geriye uzun periyotlu(düşük frekanslı) kısım kalır. Bu konuya zemin-yapı etkileşimi bölümünde daha kapsamlı olarak değinilecektir.

Yapı rijitliğini arttırarak depremde meydana gelebilecek şekil ve yerdeğiştirmeleri azaltmak mümkündür. Yapının rijit olması içindeki alet ve donanımın fonksyonunu devam ettirmesi

için avantaj teşkil eder. Ancak bu durumda da spektrum eğrisinden dolayı deprem kuvvetinin artacağı bilinmelidir. Elastik yapılarda ise yatay yerdeğiştirmenin büyümesiyle normal kuvvetin ikinci mertebe etkisinin artmasıdır. Bunun için A.B.Y.Y.H.Y. 97 bölüm 6.20 de yerdeğiştirmeler sınırlandırılmıştır. Sistemlerin rijitliğini arttırmak için betonarme perdeler kullanılmaktadır.

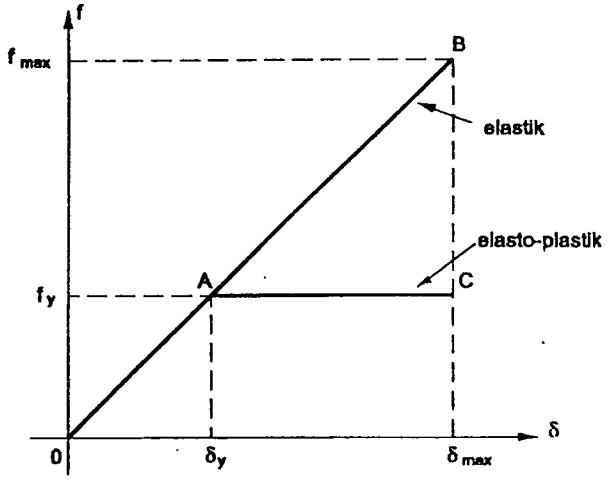
Deprem etkileri zemin kat seviyesinde en büyük değeri aldığı aldığı için bu kattaki elemanların dayanımlarının daha yüksek olması gerekir. Ancak zemin katların daha çok işyeri olarak kullanılmasından dolayı bu katların hacimlerinin geniş olması için taşıyıcı elemanların narin ve bölme duvarların az olması istenir. Bunun için gerekli olan ile istenilen dengelenmesi önemlidir.

3.4 Göçme Modu

Deprem yönetmeliğinde öngörülen tasarım depreminden yapı daha büyük bir depreme maruz kalırsa birleşim bölgesinde kolonlar yerine kiriş kesitlerinde plastik mafsal oluşarak güç tükenmesinin ortaya çıkması tercih edilir.(Kuvvetli kolon- zayıf kiriş ilkesi).

3.5 Süneklik

Süneklik güç tükenmesi sırasında elastik olmayan büyük şekil veya yerdeğiştirmelerin ortaya çıkmasıdır. Süneklik sayısal olarak şekil 3.1'den görüleceği üzere $\mu=\delta_{max}/\delta_{elastik}$ şeklinde hesaplanır.



Şekil 3.1 Süneklik tanımı

Bir yapı sünekse, deprem sırasında zeminden yapıya iletilen enerjinin büyük bir kısmı elastik sınırın ötesindeki büyük genlikli titreşimler yapının dayanımını önemli bir kayba uğratmadan

yutulur. Sünekliğin gereği olan plastikleşme bölgelerinin meydana gelebilmesi için kolon ve kiriş birleşim bölgeleri elemanlar arası yük iletimi sağlanabilmelidir. Betonarme elemanlarda eğilme momenti altında donatının akma gerilmesine erişmesi sonucu meydana gelen güç tükenmesi sünektir. Buna karşılık kesme kuvveti altında eğik basınç gerilmelerinin betonda oluşturduğu güç tükenmesi gevrek olarak meydana gelmektedir.

3.6 Yapı Sistemlerinde Süneklik ve R(Deprem Yükü Azaltma Katsayısı)'nin Seçimi

A.B.Y.Y.H.Y. 97 e göre yapı sistemleri süneklik düzeyi normal ve süneklik düzeyi yüksek olarak değerlendirilmiştir. Süneklik düzeyi yüksek sistem seçildiğinde elastik deprem yükü daha çok azaltılacak ve daha küçük deprem yükleri sözkonusu olacaktır. Bunun için süneklik düzeyinin yüksek olması için sisteme ek ağır koşullar getirmektedir. Dolayısıyla kapasite kavramına dayalı bazı kontrollerin yapılması ve bazı ek donatıların konulması gerekli olur.

Bir taşıyıcı sistem türünün kullanılma durumu ve buna bağlı olarak belirtilen R katsayısı yapının toplam yüksekliğine, yapı önem katsayısına ve toplam devrilme momentinin perdeler tarafından ne oranda taşındığına bağlıdır. Süneklik düzeyi yüksek sistemlerin her durumda, süneklik düzeyi karma sistemlerin de $\alpha_m \geq 0.40$ koşulu ile her durumda kullanılabileceği görülür. Buna karşılık süneklik düzeyi normal sistemler perdeli olarak $I \leq 1.2$ ve $\alpha_m \geq 0.75$ koşulu altında söz konusu olabilmektedir. Görüldüğü gibi süneklik düzeyi normal betonarme çerçeveler deprem tehlikesinin önemli olduğu 1. ve 2. deprem derece deprem bölgelerinde bulunan binaların süneklik düzeyi karma ve yüksek olacaktır. Süneklik düzeyi normal sistemler perde olmaksızın sadece 3. derece ve 4.derece deprem bölgelerinde $I \leq 1.2$ ve bir yükseklik koşulu ile ($H_N \leq 13$m dişli ve kirişsiz döşeme ; $H_N \leq 25$m plak döşeme) kullanılabilmektedir. Kirişsiz döşemeli perdeli sistemler ise süneklik düzeyi normal ve karma olarak yapılabildiği halde, perdesiz olarak belirli koşulların altında ancak süneklik düzeyi normal olarak yapılabilmektedir. Bütün bu durumlar çizelge 3.1 de aşağıda gösterilmiştir.

Çizelge 3.1 Döşeme türüne bağlı olarak taşıyıcı sistem kısıtlama koşulları

Döşeme türü	*Taşıyıcı sistemde perde*	*Süneklik düzeyi*	*Davranış katsayısı*	*Uygulama kısıtlaması*	
				Yapı önem katsayısı	*Deprem bölgesi, yükseklik*
Kirişli plak	*Perdeli*	*Normal*	$R = 4$	$I \leq 1.2$	$\alpha_M \geq 0.75$
		Yüksek	$6 \leq R = 10-4\alpha_M \leq 7$		
		Karma	$5.2 \leq R = 4+3\alpha_M \leq 6$		$\alpha_M \geq 0.40$
	Perdesiz	*Normal*	$R = 4$	$I \leq 1.2$	*Sadece 3. ve 4. de* $H_N \leq 25m$ *ise*
		Yüksek	$R = 8$		
Bir veya iki doğrultuda dişli	*Perdeli*	*Normal*	$R = 4$	$I \leq 1.2$	$\alpha_M \geq 0.75$
		Yüksek	$6 \leq R = 10-4\alpha_M \leq 7$		
		Karma	$5.2 \leq R = 4+3\alpha_M \leq 6$		$\alpha_M \geq 0.40$
	Perdesiz	*Normal*	$R = 4$	$I \leq 1.2$	*Sadece 3. ve 4. de* $H_N \leq 13m$ *ise*
		Yüksek	$R = 8$		
Kirişsiz	*Perdeli*	*Normal*	$R = 4$	$I \leq 1.2$	$\alpha_M \geq 0.75$
		Yüksek			*yapılamaz*
		Karma	$5.2 \leq R = 4+3\alpha_M \leq 6$		$\alpha_M \geq 0.40$
	Perdesiz	*Normal*	$R = 4$	$I \leq 1.2$	*Sadece 3. ve 4. de* $H_N \leq 13m$ *ise*
		Yüksek			*yapılamaz*

R katsayısı çözüm yapılmadan önce yaklaşık bir davranış katsayısı ile hesaba başlanıp, bulunacak $\propto_m$ katsayısı ile hesaplanan R ile sonuçların düzeltilmesi gerekir. Gerekirse taşıyıcı sistemdeki elemanların boyutları artırılarak statik hesaplar baştan yapılır.

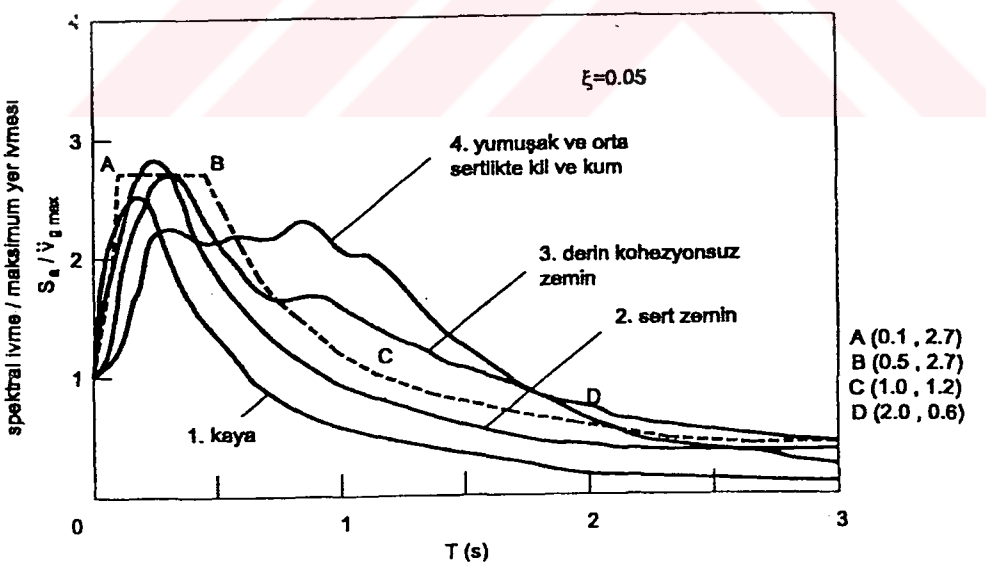
4. ZEMİN YAPI ETKİLEŞİMİ

Bir bölgedeki yapının deprem davranışlarının ayrıntılı değerlendirilmesinde zemin – yapı sisteminin anlaşılması gerekir. Zemin yapının davranışını değişik şekillerde etkiler. Bunlar:

- Yapının altındaki zemin ana kayadaki deprem etkisini büyüterek verir. Bu durum özellikle dolgu olan zeminlerde deprem etkisinin büyümesine sebep olur.
- Zeminin de hareketi ile yapının periyot ve mod şekilleri gibi dinamik özelliklerinde değişiklikler meydana gelir.
- Yapıdaki titreşim enerjisinin önemli bir kısmı, zemine mesnetlenmenin rijit olmaması, zemindeki sönüm ve zeminde geri dönmeyen yayılma etkisiyle söner.
- Yapının üzerinde bulunduğu zeminin etkisiyle deprem sırasında taşıyıcı sistemde farklı oturmalar meydana gelebilir.

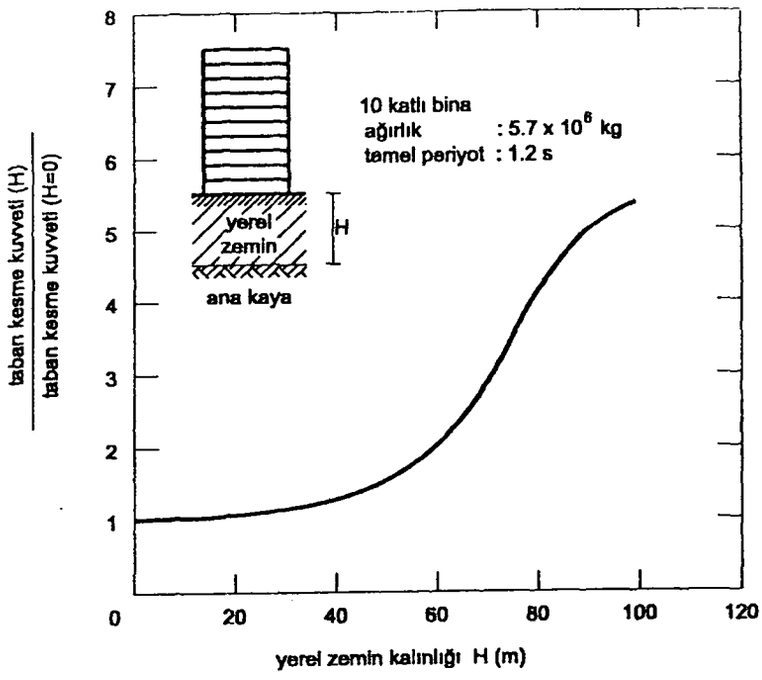
4.1 Zemin Durumunun Deprem Hareketine Etkisi

Deprem hareketinin spektrumu zemin durumundan önemli derecede etkilenir. Kohezyonsuz zeminlerde ve yumuşak orta sertlikteki kil dolgusunda spektral değerlerin sert zemin ve kayaya göre daha büyük olduğu belirlenmiştir. Bu durum şekil 4.1 de görülmektedir.



Şekil 4.1 Değişik yerel zemin durumları için ortalama ivme spektrumları

Ayrıca ana kaya ile yapı arasındaki zemin kalınlığı arttıkça taban kesme kuvvetinin de büyüdüğü belirlenmiştir. Bu durum 1957 San Francisco depreminde yapılan bir incelemenin sonunda şekil 4.2 de gösterilmiştir.



Şekil 4.2 San Francisco 1957 depreminde zemin kalınlığının taban kesme kuvvetine olan etkisi

Zemin – yapı etkileşimi konusunda yapılmış bazı çalışmaların sonuçları aşağıda verilmiştir:

a) Etkileşimin göz önüne alınıp alınmamasına karar verilmesi veya yapının zemine r,j,t olarak bağlı olduğunun kabul edilmesi konusunda yapılan bir çalışmada $C_T/(fh)<20$ için göz önüne alınması tavsiye edilmiş ve ancak bu durumda etkileşimin yapının davranışını önemli sayılabilecek şekilde değiştirdiği bildirilmiştir. Burada C_T kayma dalgasının zemindeki hızı, f yapının zemine rijit bağlı kabulü ile bulunan birinci serbest titreşim frekansı ve h yapı yüksekliğidir. Eğer çerçeveli ve perdeli yapıların birinci titreşim frekansları yapı yüksekliğine bağlılığı:

$f(H_Z)\approx 30/h[m]$ $f(H_Z)\approx 45/h[m]$ olarak kabül edilirse zemin – yapı etkileşiminin bu yapılar için sırasıyla:

$C_T\leq 600$ m/s $C_T\leq 900$ m/s durumlarında önemli olduğu ortaya çıkar.

b) Yapının mesnetlendiği zeminin rijitliği azaldıkça yapının periyodu artar. Planda yaklaşık olarak kare kabul edilebilecek yapılar için, $\bar{T}$ yapının ana titreşim periyodunun T rijit bağlı periyoduna oranı:

$$\frac{\bar{T}}{T} = \sqrt{\left[1 + \frac{1.47Jb^2(1+1.65j^2}{C^2{}_T{}_T{}^2}\right.} \qquad (4.1)$$

Burada b yapının hesap yapılan doğrultuda genişliğini ve j = h/b ise yüksekliğin genişliğe oranını göstermektedir.

4.2 Zemin Sıvılaşması:

Zemin sıvılaşması yer altı su seviyesi altındaki tabakaların geçici olarak mukavemetlerini kaybederek, katı yerine vizkoz sıvı gibi davranmalarıdır. Özellikle kil bulunmayan kum ve silt bazen çakıl tabakaları sıvılaşma potansiyeline sahiptirler. Sıvılaşma potansiyeli olan zemin bölgelerini zemin yapısından hareket ederek belirli ölçüde tahmin etmek mümkün olabilirse de, bir depremde sıvılaşmanın olacağını tahmin etmek zordur. Zemin türü, yoğunluğunu ve yer altı su seviyesinin derinliğini belirleyerek zemin sıvılaşma potansiyeli yüksek bölgeler belirlenebilir.

Zemin sıvılaşması potansiyeli olan bir bölgede yapılacak yapıda alınabilecek tedbirlerin başında muhtemel küçük zemin hareketinden doğabilecek etkilerin karşılanması gelir. Temel türünün ve derinliğinin seçiminde yer hareketinin yapıyı olumsuz olarak zorlamasının azaltılması esas alınmalıdır.Plak temel seçilerek rijit temel oluşturulması ve kazık ve kuyu temel sistemi ile sıvılaşma potansiyeli bulunan tabakanın altına inilmesi tavsiye edilir. Sıvılaşma potansiyeline sahip tabakanın kaldırılması ve değiştirilmesi, enjeksiyonla (örneğin jet-grout tekniği) sıkıştırılarak sıkı duruma getirilmesi ve yer altı su seviyesinin düşürülmesi alınacak diğer tedbirler olarak sıralanabilir.

5. YÜKSEK YAPILARIN DEPREM ETKİSİ ALTINDAKİ DAVRANIŞI

Yapı yüksekliği artıkça özellikle belirli sınırlar geçildikten sonra yapı davranışında önemli değişiklikler gözlenir. Deprem türü dinamik yükler altında yüksek yapıların davranışı, az ve orta yükseklikteki yapılardan oldukça değişiktir. Ayrıca yüksek yapılarda zemin – yapı etkileşiminin önemi de artmaktadır. Az katlı yapılarda ihmal edilmesinde büyük sakınca olmayan bu etkileşim, yüksek yapılarda mutlaka dikkate alınmalıdır.

Yapı geometrisinin deprem dayanımına etkisi her ne kadar tüm yapılar için geçerli ise de, bu etkiler yüksek yapılarda çok daha büyük önem taşımaktadır. Bunlar kısaca:

- Bina planda olabildiğince simetrik olmalıdır.
- Bina planındaki girinti ve çıkıntılar sakıncalı olmayacak kadar küçük olmalıdırlar. (rijitlik merkezi ile kütle merkezi birbirinden uzak olmamalıdır.)
- Düşey taşıyıcılar bina yüksekliği boyunca sürekli olmalıdırlar.
- Yapı yüksekliğinin genişliğine oranı aşırı olmamalıdır.
- Yapının olabildiğince rijit davranması sağlanmalıdır. Bu da perde duvarlarla sağlanır.

Yüksek yapılarda katlar arası yer değiştirmeler mümkün olduğu kadar küçük tutulmalıdır. Aksi taktirde ikinci mertebe etkilerinin büyümesiyle yapıda daha fazla ek zorlamalar oluşur.Deprem etkisi altında yüksek yapıların dinamik yöntemlerle hesabı şarttır. Eşdeğer statik yük hesabında yapının esas modundan farklı modlarına ait etkilerin ihmal edilmesi ve yapı sistemi rijitleştikçe gelen etkilerin artacağının gözönünde tutulmamış olması gibi sakıncalar bulunmaktadır. Dinamik analiz yöntemlerinin eşdeğer statik yük yöntemine göre en büyük avantajı yapının dinamik davranışının daha iyi gözlenmesini sağlamasıdır. Bu yöntem matematiksel olarak sağlam bir temele dayanmasına rağmen hesap tekniği elastik davranışa dayandığı için tam olarak gerçek çözüm elde edilemez. Bunun için elde edilen sonuçların eşdeğer deprem statik yük yöntemiyle karşılaştırılması tavsiye edilir.

Çok katlı yapıların kat adetleri kadar doğal titreşim periyotları bulunmakla birlikte bunların ilk birkaç tanesi önemlidir. Çünkü yüksek modlardaki titreşimlerin gerektirdiği enerji çok büyük olduğu için yapılar çoğunlukla ilk birkaç ya da en çok beş modda titreşim yaparlar.(Bayülke, 1987). Yüksek yapıların dinamik özelliklerinden doğal titreşim periyodunun depremde yapıya gelen yer hareketinin hakim periyodu ile yapının doğal titreşim periyodu birbirine yakın ise rezonans oluşmakta ve yapılar hasar görmektedir. Bu durumda deprem yer hareketinin periyod özelliklerinin incelenmesini gerektirmektedir.

Yer hareketi içindeki yüksek frekanslı, kısa peiyotlu titreşimler fazla uzaklara gidememektedir. Uzaklara kadar gidebilen sarsıntı dalgaları daha küçük frekanslı, uzun periyotludur. Çok katlı yapıların doğal titreşim periyotlarının uzun oluşu dikkate alınırsa genel olarak bu tür yapıların uzak depremlerden daha çok etkilenecekleri anlaşılacaktır.
Bunun Türkiye'den bir örneği 1967 Adapazarı depreminde Ankara'daki o zamanki İmar ve İskan Bakanlığının 10 katlı binasının bodrum kat kolonunda çatlama oluşmasıdır.(Bayülke, 1987).

Yüksek yapıların deprem davranışı ile ilgili en ilginç deneyim 1985 Meksika ve Şili depremleridir. 1985 Meksika depremi richter ölçeğine göre 8.1 büyüklüğünde olup yer ivmesi 0.20g olarak hesaplanmıştır. Bu sayılar depremin ne denli şiddetli olduğunu göstermeye yeterlidir. Ayrıca yer altı su seviyesinin son derece yüksek ve zeminin aşırı yumuşak ve kötü olması depremi yapılar için daha tehlikeli duruma getirmiştir. Zeminin kötü olduğu kent merkezinde birçok bina ağır hasar görmüş veya yıkılmıştır. Ancak aynı zemin üzerinde oturan komşu binaların çok az veya hiçbir hasar görmemiş olması ilginçtir. Bu depremde zemin koşullarının kötü ve deprem merkezinin uzakta olması nedeniyle depremin periyodu oldukça uzun olmuştur. Bu durumda en ağır hasarın orta yükseklikteki yapılarda olması beklenir. Nitekim 1985 Meksika depreminde en fazla hasar 9-12 katlı yapılarda görülmüş olup, yüksek yapılar depremden daha az hasarla çıkmıştır. 1985 Şili depreminin büyüklüğü Meksika depremine yakın olduğu halde Şili'deki binalarda hasar daha az görülmüştür. Bunun nedeni yapıların daha rijit olmasına dayanmaktadır.

Son olarak yüksek yapıların deprem davranışları üzerine şimdiye kadar edinilmiş deneyimler şöyle sıralanabilir:

- Uzakta olan şiddetli depremler yumuşak dolgu zeminler üzerinde yapılmış çok katlı yapılar için daha kritik olmaktadır.
- Yüksek yapılarda perde duvarlı sistemler yatay yüklere karşı hem yapının hemde yapı içindeki eşyaların korunması bakımından çok etkili olmaktadır.
- Boşluklu perde duvarlı yapılarda perdeleri birbirine bağlayan bağ kirişleri mafsallaşarak deprem enerjisini tüketebilmekte ve yapıların depremlerden fazla zarar görmeden çıkmasını sağlamaktadır.

- Yapıların dinamik özellikleri (periyot ve sönüm) deprem sırasında önemli ölçüde değişmektedir. Yapının deprem sırasında bir miktar hasar görerek periyodunun uzaması onu yer hareketinin periyot açısından kritik bölgesine yaklaştırabileceği gibi dışına da çıkarabilmektedir. Depremden önce ve sonra yapılacak periyot ölçümleri ile yapının depremden etkilenme derecesi belirlenebilmektedir.
- Yumuşak zeminler üzerinde olan çok katlı yapılarda zemin-yapı karşılıklı etkileşimi önemlidir ve tasarımda mutlaka dikkate alınmalıdır.
- Çok katlı yapılarda yapı yüksekliği ve plandaki rijitliklerin uyumlu bir biçimde dağılması , ani rijitlik azalmalarının olmaması deprem açısından çok önemlidir. Özellikle çok katlı yapıların zemin katlarında ani rijitlik azalmaları yumuşak kat olatyı denilen ve bütün etkilerin en ağır biçimde zemin katta oluşmasına yol açan davranışa ve yıkılmaya yol açmaktadır.
- Türkiye deprem bölgeleri haritasında 3 ve 4. bölge olarak belirtilen yerlerde uzakta olan şiddetli depremlerin etkisi beklenmektedir. Buralarda yapılacak yüksek yapıların zemin durumuna göre 200-300 km uzakta olacak şiddetli depremin yer hareketinden etkilenebileceği özellikle yumuşak zeminlerde bu hareketin uzun periyotlu yapılar için daha büyük olacağı düşünülerek hesaplamalarda emniyetli davranılmalıdır.

6. MEVCUT BİNALARDA DEPREM HASARININ BELİRLENMESİ ve SINIFLANDIRILMASI

Depremden sonra binalardaki hasarın tespit edilmesi ve hasar derecesine göre onarım ve güçlendirmeye veya yıkıma karar verilmesi son derece önemlidir. Hasar belirlemedeki amaç deprem sonucu göçmeye yaklaşan veya göçen binalar belirlenip, buralarda oturanları başka yerlere taşıyarak can kaybı önlenmelidir.Ayrıca hasar belirlenmesi ve sınıflandırılmasıyla, yapılacak onarım ve güçlendirme sistematik bir şekilde gerçekleştirilmelidir.

6.1 Deprem Hasarının Türleri

6.1.1 Duvar hasarı

Taşıyıcı sistemin deprem yükü altındaki yatay ötelenmesinden dolayı duvarlar da kesme kuvveti ile zorlanırlar. Duvar malzemesinin çekme gerilmelerine karşı zayıflığı x şeklindeki çatlakların meydana gelmesine ve bazı duvarların dağılmasına sebep olur. Ayrıca bina konsolları kolay sehim yapabildikleri ve bunlara mesnetli olan duvarların bunu takip edemediği için, konsola dik duvarlarda düşey yüklerden meydana gelen köşegen çatlaklar depremde daha büyür, konsol ucuna oturan duvarda döşeme ile birleşim yerlerinde yatay çatlaklar meydana gelir.

6.1.1.1 Duvar hasar dereceleri

Az Hasar: Duvarın içine yerleştirildiği çerçeve açıklığı ile birleştiği çeperde hafif çatlama (1mm den az çatlaklar)

Orta Hasar: Az hasarlı durum için tarif edilen ince çatlakların büyümesi ve artması, eğik çatlakların (2 mm den az) bütün duvar gövdesinde yaygın olarak ortaya çıkması, eğik çatlakların derzler boyunca veya tuğlaları keserek ilerlemesi

Ağır Hasar: 4-5 mm lik bütün duvar kalınlığı boyunca ilerlemiş çatlaklar, bazı kısımlarda kısmi dökülme ve yıkılmalar, duvarda boşluklar varsa bunların ararlarındaki duvar kısımlarının yoğun şekilde hasara uğraması, boşlukların dikdörtgenliğini kaybetmesi ve düzlem dışına doğru şişme yapması, köşelerinin ezilmesi.

T.C. YÜKSEKÖĞRETİM KURULU DOKÜMANTASYON

6.1.2 Döşeme hasarı

Çok önemli çatlaklar dışında döşeme çatlakları taşıyıcı sistemin güvenliğini büyük ölçüde etkilemez. Ancak döşemelerde önemli boşluğun bulunmaması durumunda döşeme köşelerinde gerilme yığılmaları nedeniyle çatlaklar oluşabilir. Kirişsiz döşemenin kolona ve perdeye birleştiği kesitler hem düşey yüklerde ve hem de deprem yüklemesinde önemli derecede zorlanır ve burada çatlaklar görülebilir.

6.1.3 Kiriş hasarı

Deprem etkisinde özellikle kirişin mesnet bölgeleri zorlanır ve buralarda altta ve üstte kiriş eksenine dik eğilme çatlakları ve köşegen kayma çatlakları oluşabilir. Kirişlerde meydana gelen eğilme çatlakları büyük olmadıkları sürece taşıyıcı sistemin güvenliğini önemli derecede etkilemez. Kayma çatlakları sünek olmayan özelliklerinden dolayı eğilme çatlaklarına göre daha tehlikelidirler.

6.1.3.1 Kiriş Hasar Dereceleri

Az Hasar: Beton üzerinde görülen ince (kılcal) çatlaklar.(çatlak genişliği 0.5 mm in altında)
Bu çatlaklar kirişin kolonla birleşim noktasına yakın yerde oluşur ve kirişi boydan boya kesmezler.

Orta Hasar: Beton üzerinde belirgin bir şekilde gözle görülebilen dik veya eğik çatlaklardır. Çatlak genişliği 2 mm ye kadar olabilir. Çatlama kiriş uçlarında ve kolon birleşim noktası yakınlarında oluşur.

Ağır Hasar: Kiriş uçlarında ve hatta ortasında düşey ya da eğik 3 mm den geniş çatlama, dağılma, pas payının ezilip dökülmesi, hasarın kolon birleşimine doğru ilerlemesidir.

6.1.4 Kolon hasarı

Kolonlarda normal kuvvet hakim durumda iken kolon boyutlarına göre yön değiştiren eğilme momenti veya kesme kuvveti hasara sebep olur. Özellikle narinliğin büyük olduğu kolonlarda büyük eğilme momenti hakim normal kuvvetle beraber beton basınç bölgesinde ezilme ve parçalanmalara sebep olur. Kısa kolon hasarında kesme kuvveti etkili olur. Kesme kuvveti nedeniyle oluşan eğik çekme gerilmeleri sonucu ani oluşan bu tür hasar, binanın toptan göçmesine bile sebep olabilir.

6.1.4.1 Kolon hasar dereceleri

Az Hasar: Beton üzerinde kendini gösteren ince çatlaklar oluşur. Çatlak genişliği 0.2 mm den az ve daha çok yatay doğrultuda oluşan çatlaklardır.

Orta Hasar: Beton üzerinde belirgin bir şekilde gözle görülebilen yatay ve eğik çatlaklar meydana gelir. Çatlak genişlikleri 1.5 mm ye kadar olabilmektedir.

Ağır Hasar: Betonun ezilmesi, dökülmesi, donatının ortaya çıkması, eğilmesi, kolonun gözle farkedilecek kadar boyunun kısalması, yana doğru kaçmasıdır. Eğik kesme çatlakları 2 mm den geniştir.

6.1.5 Kolon kiriş birleşim bölgesi hasarı

Kolon kiriş birleşim bölgesinde meydana gelen çatlama ve hasar, sistemin yatay yük taşıyıcılığını ve rijitliğini doğrudan etkilediğinden, belirlenmesine özen gösterilmelidir. Uygun düzenlenmiş bir birleşim bölgesinde, kirişte plastik mafsal oluşumu öngörüleceğinden ilk çatlakların kirişte olması beklenir ve bu suretle taşıyıcı sistemin genel kararlılığı korunmuş olur. Birleşim bölgesinde etriyenin bulunmaması veya betonda boşlukların bulunması, bu bölgenin dağılmasına sebep olur ki, bu durumda bölge mafsal durumuna gelerek sistemin toptan göçmesine sebep olur.

6.1.6 Kolon kiriş birleşim bölgesi hasar dereceleri

Az Hasar: Köşe, kenar ve orta birleşim noktalarında herhangi bir çatlama görülmemesine rağmen buralara bağlanan kirişlerde orta hasarın bulunmasıdır.

Orta Hasar: Kolon kiriş birleşiminde komşu olan kolon ve kiriş uçlarında ağır hasar bulunması, birleşime doğru 0.5 mm genişlikte çatlakların ilerlemesi.

Ağır Hasar: Birleşim noktasının içinde yaygın eğik 1 mm den fazla çatlama, kenarlarda dökülme, donatısının görülebilir hale gelmesidir.

6.1.7 Perde hasarı

Perdede en çok rastlanan çatlak ve hasar türü, x şeklinde çatlak oluşmasıdır. Sünek olmayan ve eğik çekme gerilmelerinin oluşturduğu güç tükenmesine işaret etmesi bakımından dikkat edilmesi gereken bir durumdur.

6.1.7.1 Perde hasar dereceleri

Az Hasar: Beton üzerinde ince çatlaklar oluşur. Çatlak genişliği 0.2 mm den azdır ve çatlaklar yatay doğrultuda bulunurlar.

Orta Hasar: Beton üzerinde belirgin bir şekilde görülen yatay ve eğik çatlaklar bulunur. Çatlak genişliği betonda 1 mm ye kadar olabilir. Perde uçlarındaki betonda lokal ezilme ve dökülme görülür.

Ağır Hasar: Betonda 2 mm den geniş çapraz veya yatay çatlakların bulunması, sıvasının tamamen dökülmesi, pas payının dökülmesi, donatının ortaya çıkması, uç bölgelerinde beton ezilmesi, gözle farkedilecek miktarda perde boyunda kısalma meydana gelir.

6.1.8 Temel hasarı

Zemin sıvılaşması veya benzeri nedenlerden zeminin taşıma kapasitesinde meydana gelen azalma, binanın bir bütün olarak düşey oturmasına veya otururken dönmesine sebep olabilir. Bu durum hasar, temel zemininde yeterli tedbirlerin alınmadığına işaret eder. Bu tür hareketler sonucunda kolonun tekil temelinin veya plak temelinin zımbalamaya zorlandığına işaret eden çatlaklar görülebilir. Temel hasarı için zemin iyileştirilmesi veya temellerin genişletilmesi bir çözüm olabilir. Ancak bu konuda alınacak tedbirin ayrıntılı bir geoteknik inceleme sonucu belirlenmesi gereği açıktır.

6.2 Bayındırlık ve İskan Bakanlığı Genel Müdürlüğü Normlarına Göre Genel Hasar Puanı Hesaplanması

THP: Toplam Hasar Puanı

$0 \leq THP \leq 5$	Hasarsız
$6 \leq THP \leq 14$	Az hasarlı
$15 \leq THP \leq 43$	Orta hasarlı
$THP > 43$	Ağır hasarlı

$$THP = 0.80.SİHP + ÇMHP + KKYP + HAP + AOP \quad (6.1)$$

Toplam hasar puanı (6.1) deki gibi hesaplanır. Burada:

SİHP : Sistem Hasar Puanı (SİHP≤100)

ÇMHP: Çatı-Merdiven Hasar Puanı (ÇMHP≤2.5)

KKYP: Katlararası Kalıcı Yerdeğiştirme Puanı (KKYP≤10)

HAP : Hasar Arttırıcı Puan (HAP≤6)

AOP : Aşırı Oturma Puanı (AOP≤1.5)

Bu kıstaslar detaylı incelenecek olursa:

ÇMHP: Çatı Merdiven Hasar Puanı

- Orta hasarlı çatı: 0.75 puan
- Ağır hasarlı çatı: 1.50 puan
- Merdivende çatlama veya göçme: 1.00 puan

KKYP: Katlararası Kalıcı Yerdeğiştirme Puanı:

- $\delta/h \leq 0.0015$:0.00 puan
- $0.0015 < \delta/h \leq 0.0050$:2.00 puan
- $0.0050 < \delta/h \leq 0.020$:5.00 puan
- $\delta/h > 0.020$:10.00 puan

HAP: Hasar Arttırıcı Puan

- Arakat varsa :0.25 puan
- Çekmekat varsa :0.25 puan
- Planda düzensizlikler varsa :0.50 puan
- Kesitte düzensizlikler varsa :0.50 puan
- Komşu yapılarda kat farkı varsa :0.50 puan
- Komşu yapılarla dilatasyon yoksa :0.25 puan
- Max açıklık > 6m ise : 0.50 puan
- Zemin gevşek kum veya yumuşak kil ise :0.25 puan
- Genel malzeme kalitesi yetersizse :0.50 puan
- Genel işçilik yetersizse :0.50 puan
- Beton dayanımı<15 N/mm^2 ise :1.00 puan

SİHP: Sistem Hasar Puanı

$$\text{SİHP}=\frac{TEHP.25}{\sum EÖK.TS} \tag{6.2}$$

- TEHP=∑EHP
- EHP=(hasarlı eleman sayısı X hasar kts. X eleman önem kts.)/top. eleman kts
- Hasar katsayısı : Az hasarlı =1 puan
  : Orta hasarlı=2 puan
  : Ağır hasarlı=4 puan
- Eleman önem katsayısı(EÖK)

  Kolonlar : 2 puan

  Kirişler : 1 puan

  Perdeler : 6 puan

  Birleşimler : 6 puan

  Duvarlar : 0.5 puan

  Bu verilere göre toplam hasar puanı hesaplanıp yapı hakkında hasar derecesi tahmin edilebilir.

7. İSTANBUL FATİH'TEKİ MUSTAFA KAYA APARTMANININ HASAR TESBİTİ VE DEPREME KARŞI GÜVENLİK DEĞERLENDİRMESİ

Bina 1 bodrum, 1 zemin, 1 asma kat, 5 normal kat ve 1 adet de çekme kattan oluşmaktadır. Yüksek yapı elde etmek amacıyla 1 adet normal kat ilave edilerek temel seviyesinden itibaren 27.40 mt. Yüksekliğinde 10 katlı bir bina ele alınacaktır. Binanın plandaki oturma alanı 18.5x8.00=148 m^2 dir. Bodrum kat kapıcı dairesi ve depo, zemin kat ve asma kat banka, normal katlar ve çekme kat ise konut amacıyla kullanılmaktadır. Bina betonarme çerçeve yapı olarak inşa edilmiştir. Döşemeler asmolen döşeme olarak yapılmıştır. Binanın mevcut projesinin doğruluğunu araştırmak için mevcut binanın rölevesi alınmış ve yapılan karşılaştırmalarda projeye uygun inşa edildiği tespit edilmiştir. Profometre cihazı (donatı ölçer) ile bodrum ve zemin katta tüm kolonlar, normal katlarda S15, S12, S8, S9 kolonlarında yapılan ölçümlerde, projedeki donatı sayıları ile kolonlardaki donatı sayılarının birbiriyle uyuşumlu olduğu saptanmıştır. Bazı kirişlerde ise etriyelerin aralıklarının ortalama 5 cm kadar daha seyrek uygulandığı gözlenmiştir.

Binanın bodrum ve zemin katta yapılan korozyon araştırmasında, bodrum katta SB01, SB16, SB19 kolonlarında korozyon tespit edilmiştir. Zemin katta ise korozyona rastlanmamıştır. Binanın taşıyıcı sisteminde depremden sonra hasar durumunu tespit için yapılan incelemelerde bodrum katta SB9 ve SB11 kolonlarında zemin katta ise SZ09 kolonlarında yatay bazı kılcal çatlaklar tespit edilmiştir. Ayrıca bunlara komşu olan duvarlarda eğik sıva çatlakları gözlenmiştir. Yapılan bu çalışmalar hasar paftası adı altında ekler bölümünde belirtilmiştir.Beton kalitesinin bulunması amacıyla bodrum ve zemin katlardan 3 adet karot numunesi alınmış ve schmidt çekiciyle bu karotlar arasında korelasyon kurularak binanın ortalama mevcut beton kalitesi BS16 olarak tespit edilmiştir. Bulunan bu değer de projeyle uyuşmaktadır. Mevcut Bina yapılan zemin etüdü araştırmalarında zemin sınıfının Z2 olduğu anlaşılmıştır. Ancak karşılaştırmak amacıyla Z4 yerel zemin sınıfı ile karşılaştırma yapılacaktır. Binanın yapım yılı 1985 olması nedeniyle 1997 deprem yönetmeliğindeki süneklik koşullarına uymaması, taşıyıcı sistemde betonarme perde olmaması ve üstelik döşemelerin asmolen döşeme yapılmış olması nedeniyle taşıyıcı sistem davranış katsayısı mevcut bina için R=4 seçilmiş ve hesaplamalar buna göre yapılmıştır.

Mevcut binanın her iki zemin sınıfı için sta4-cad bilgisayar programı ile ayrı ayrı çözümüyle elde edinilen analiz sonuçları aşağıda sunulmuştur:

7.1 Zemin Sınıfı 2 (Z2) İçin Analiz Sonuçları

Burada yatak katsayısı 2000 t/m^3 olarak alınmıştır. Zemin emniyet gerilmesi ise 20 t/m^2 dir. Yapı yüksek yapı olduğu için P-delta analiz yapılmıştır. Analiz sonuçlarına göre her iki doğrultu için 7 adet mod sayısı alınmış ve x yönü dinamik kütle oranı %98, y yönü dinamik kütle oranı ise %97 olarak bulunmuş olup A.B.Y.Y.H.Y 97 şartnamesinin öngördüğü %90 değer koşulunu sağlamıştır. Katlararası yerdeğiştirme 0.0063 olarak hesaplanmış olup bu değer A.B.Y.Y.H.Y 97 deki 6.20 koşulunu sağlamamıştır. Binada A1 burulma düzensizliği mevcuttur. N_{ki}=1.66>1.5 olduğundan B2 komşu katlar arası rijitlik düzensizliği belirlenmiştir. İkinci mertebe gösterge değeri θ_I=0.097<0.12 olduğundan A.B.Y.Y.H.Y 97 6.21 koşulu sağlanmıştır. Ayrıca yapılan analizde kesiti yetersiz çok sayıda eleman tespit edilmiştir.

7.2 Zemin Sınıfı 4 (Z4) İçin Analiz Sonuçları

Burada yatak katsayısı 1000 t/m^3 olarak alınmıştır. Zemin emniyet gerilmesi 14 t/m^2 dir. Bu çözümlemede de P-delta analiz yapılmış olup 7 adet mod sayısı dinamik kütle oranı sınır değeri olan %90 değerini sağlamıştır. Katlararası yerdeğiştirme 0.0124 bulunmuş olup A.B.Y.Y.H.Y 97 deki 6.20 koşulunu sağlamamaktadır. Burada Z2 ye göre çözümde olduğu gibi A1, B2 düzensizliklerine rastlanmıştır. Bu çözüm sonucuna göre de çok sayıda taşıyıcı sistem elemanının kesiti yetersiz kalmıştır. Her iki zemin sınıfı için yapılan ayrıntılı çözüm sonuçlarının bilgisayar çıktısı Ekler bölümünde mevcuttur.

7.3 Fatih'teki Mustafa Kaya Apartmanının Bayındırlık ve İskan Bakanlığı Normlarına Göre Hasar Puanı Hesabı:

Denklem 6.1 den toplam hasar puanı hesaplamak için önce SİHP bulunursa:

	Toplam sayı	h.sız	Az h.lı	orta h.lı	ağır h.lı	EÖK	EHP	TSxEÖK
Kolonlar	19	13	3	3	0	2	18	38
Kirişler	26	14	8	0	0	1	8	26
Dolgu Duvarlar	10	5	3	2	0	0.5	3.5	5
							29.5	69

$$\text{SİHP}=\frac{TEHP.25}{\sum EÖK.TS} \Rightarrow \text{SİHP}=\frac{29.5.25}{69}=\frac{737.5}{69}=10.68 \text{ bulunur.}$$

HAP için:

Arakat bulunmaktadır : 0.25 puan

Çekmekat bulunmaktadır :0.25 puan

Komşu yapılarla kot farkı vardır :0.50 puan

Toplam : 1.00 puan

ÇMHP için:

Hasara rastlanmamıştır.

KKYP için:

$\delta/h = 0.0063$ olduğu için $0.005 < \delta/h \leq 0.02$ aralığına tekabül ettiği için 5 puan olarak alınacaktır.

AOP için:

Yapı çevresinde herhangi bir oturma tespit edilmiştir. Buna göre:

THP=0.80x10.68+5+1=14.5 bulunur.

Dolayısıyla bu bina için az hasarlı tespiti bu yöntem için doğru olacaktır. Bu puanlama Z4için yapılacak olursa KKYP için $\delta/h=0.0124$ olacağından Z2 de bulunan değere 5 puan eklenmelidir. Dolayısıyla toplam hasar puanı:

THP=0.80x10.68+10+1=19.5 olacak ve orta hasara tekabül edecektir.

7.4 Güvenlik Değerlendirmesi

Elde edinilen verilere göre binanın şu anki haliyle iskan edilmesinde bir sakınca bulunmamaktadır. Ancak olası bir şiddetli Marmara depreminde yıkılma veya ağır hasar görme olasılığı çok yüksek olduğu için, hasar gören elemanlarının derhal onarılması ve taşıyıcı sistemin güçlendirilmesi kanaatine varılmıştır.

8. BETONARME ELEMANLARIN ONARIM VE GÜÇLENDİRİLMESİ:

Yapı hasarlarının giderilmesinde temel olarak iki düzey vardır. Yapı hasar öncesi dayanım düzeyine getirildiği taktirde onarım olarak; hasar öncesine göre daha yüksek bir dayanım düzeyine getirildiği taktirde ise güçlendirme olarak nitelendirilmektedir. Dolayısıyla onarın ve güçlendirme yöntemleri ayrı ayrı olarak ele alınacaktır.

Bir yapı hasar türüne bağlı olarak çeşitli yöntemlerle onarılıp güçlendirilebilir. Bu yöntemler:

- Yapının sünekliğinin derecesinin arttırılması
- Yapının taşıma gücünün arttırılması
- Yapının dinamik özelliklerinin iyileştirilmesi
- Yapı ağırlığının azaltılması
- Yapıda varsa burulma düzensizliğinin azaltılması
- Yapıya etkiyen yükleri taşıyacak yeni elemanlar yerleştirilmesi şeklindedir.

8.1 Onarım Yöntemleri

8.1.1 Çatlakların onarımı

Çatlakların onarımında genişliklerine göre değişen yöntemler kullanılabilir. Kılcal çatlaklar gözle ancak ayırt edilen çatlak ile 1-2 mm ye kadar olan çatlaklardır. Bunların örtülmesinin sebebi, zamanla bu çatlaklardan sızan nemin betonarme donatısında paslanmaya yol açabilmesi ve çatlamış kesitli betonarme elemanların rijitliklerinin azalması ve dolayısıyla yapının dinamik özelliklerinin değişmesini önlemektir. Çatlakların onarılmasında tamir harçları, epoxi reçineleri kullanılabilmektedir. Ancak çatlakta genişleme sürüyorsa, çatlağın mekanik bağlayıcılar olan çelik şeritlerle veya lif takviyeli plastik levhalarla sarılması gerekir.

8.1.1.1 Epoxi reçineleri ile onarım

Epoxi reçineleri yapıştırma özellikleri çok iyi olan sentetik reçinelerdir. Bunların çekme gerilmeleri 50-110 kg/cm^2 arasında değişir. Kopma birim uzamaları %15-50 arasında olabilmektedir. Suya, aside ve alkaliye dirençleri çok iyidir. Zamanla özelliklerini yitirmezler. Çatlağa doldurulan epoxi yapıştırıcısı, çatlağın yarattığı süreksizlik ortamını sürekli duruma dönüştürür. Epoxi onarımı iki biçimde kullanılabilmektedir. Epoxi enjeksiyon yöntemi 0.2 – 0.3 mm genişliğindeki çatlakların onarımı için uygundur. Düşük viskoziteli epoxi reçinesi sürekli bir düşük basınç altında içirilmektedir. Bu yöntemle betondaki ince ve kılcal eğilme çatlakları kapatılmakta ve çatlak yüzeyinden çekme kuvveti aktarımı gerçekleşmektedir. Bir diğer enjeksiyon şekli ise; epoxi harcı ile ezilmiş, paralanmış ve de dökülmüş betonları

doldurmak için kullanılırlar. Epoxi içinde çok ince agrega katılarak bir tür beton elde edilir ve tahrip edilmiş betonun yerine konulur.

8.1.1.2 Tamir harçları ile onarım

Tamir harçları elemanlarda yerel olarak ortaya çıkan beton hasarlarının giderilmesinde kullanılırlar. Yüksek basınç dayanımına ve adereans özelliğine sahip olan bu harçların seçiminde uygulandığı beton yüzeyle iyi yapışması, alt tabaka ile aynı elastiklik modülü, ısı genleşme katsayısına sahip olması beklenir. Tamir harcı uygulanmadan önce yüzeydeki harç, gevşek parçalar ve bozulmuş hasar görmüş beton temizlenmelidir. Ayrıca korozyona karşı koruyucu kimyasal kullanılmalıdır. Harç hazırlandıktan sonra mala ile yüzeye sürülür.

8.1.1.3 Püskürtme beton ile onarım

Beton kalınlığının az olduğu ve kalıp yapılması zor olduğu durumlarda püskürtme beton uygulanabilir. Püskürtme beton basınçlı hava ile uygulanan betondur. Püskürtme beton için maksimum karışım odasında çimento ve agrega uygun ölçülerde bir araya getirilip karıştırıldıktan sonra, bu kuru karışım seyrek olarak ve basınçlı hava yardımıyla bir hortum içinde püskürtme ucuna iletilir Tabanca olarak da adlandırılan bu uca gelen kuru karışıma basınçlı su eklenerek elde edilen beton, basınçlı hava yardımıyla betonlanacak yüzeye yüksek hızla püskürtülür. Tabancada katılan su miktarı isteğe uygun bir karışım elde edilmesi için kolayca ayarlanabilir.

8.1.1.4 Çelik şeritlerle onarım

Bu şeritler ilgili elemanın yüzeyine epoxi reçinesi ile yapıştırılırlar. Paslanmaz çelikten olan bu şeritler 1.0~1.5 mm kalınlığındadır. Uygulamada önce beton yüzeyi zımpara ile düzeltilip yıkanır ve kurutulur. Yüksek viskoziteli epoxi reçinesi beton ve çelik şeridin yapışma yüzeyine sürülür. Şeritler tel ağ ve çimento harcı veya püskürtme beton ile kaplanır.

8.1.1.5 Lif takviyeli plastik levhalarla onarım

Bu levhaların hafif olması ve korozyon tehlikesinin bulunmaması üstünlükleridir. Ayrıca elastiklik modülünün küçük olması ve güç tükenmesi durumunda büyük şekil değiştirmeler yapabilmesine sebep olur. Uygulamada önce düşük viskoziteli bir epoxi astar sürülür. Bu kurutulduktan sonra epoxili harçla düzgün olmayan yüzey düzeltilir. Bumların üzerine epoxi esaslı bir yapıştırıcı sürülür ve üzerine lif takviyeli plastik levha yapıştırılarak alttaki yapıştırıcının emilmesi sağlanır.

8.1.2 Korozyon Onarımı

Betonarme yapılarda çeşitli nedenlerden donatıda korozyon oluşur ve elemanlarda önemli hasar meydana getirir. Donatıda korozyon esas olarak klorürlerin betona nüfuz etmesi veya beton yüzünde karbonatlaşmanın oluşmasıyla meydana gelir. Donatıya erişen klorürlerle beraber oksijenin ve nemin bulunması donatıda korozyonun başlamasına sebep olur. Korozyon sonucu genişlemek isteyen donatı çevresindeki betonda çatlamaya ve kabuk atmasına sebep olur. Korozyona uğramış donatının ve kabuk atmış yüzeyin onarılmasında işlemin özenle yapılması önemlidir. Sadece bir sıva ile geçiştirilmesi korozyonun iç kısmında devam etmesine sebep olur. Onarım için donatının korozyondan temizlenmesi ve mevcut donatılara korozyon önleyici bir madde sürülmesi ve ardından katkılı bir tamir harcı ile elemanın yüzeyi sıvanmalıdır. Ayrıca donatı etrafında kılcal çatlaklar oluşmuşsa bunlar öncelikle epoxi enjeksiyonla onarılmalıdır.

8.2 Güçlendirme Yöntemleri

8.2.1 Taşıyıcı sistem elemanlarının güçlendirilmesi

Deprem sonrasında binada yalnızca bazı elemanlar hasar görmüşse veya bazı zayıflıklar içeriyorsa, buna karşın diğerleri yönetmelik koşullarını sağlıyorsa, bina sistem olarak yeterli yanal rijitliğe sahip ve iyi ise o elemanların onarım/güçlendirilmesi yeterli olabilir. Benzer biçimde değerlendirilen bir yapıda sorun bazı yapı elemanları ile sınırlıysa eleman bazında güçlendirme yapılabilir.

8.2.1.1 Kolonların güçlendirilmesi

Hasar görmüş bir kolonun deprem etkilerini taşıyabilir duruma getirilmesi veya yatay yük taşıma kapasitesinin arttırılması için kolonların güçlendirilmesi gerekebilir. Kolonun eğilme dayanımı kesit alanının büyütülmesiyle ve yeni boyuna donatılar ilave edilerek sağlanır. Buna karşılık kesme kuvveti dayanımı ve sürekliliği, enine donatının sıklaştırılmasıyla gerçekleşir. Betonarme kolonların onarım ve güçlendirilmesinde iki ayrı tür manto uygulanabilir: a) çelik manto ve b) betonarme manto

a) Çelik manto

Çelik manto ile katlar arası moment aktarımı sağlanamaz. Bu nedenle çelik manto sadece sünekliği ve eksenel yük kapasitesini arttırmak için kullanılır. Çelik manto, mevcut kolonun köşelerine yerleştirilen çelik korniyer ve bunları kaynakla birleştiren yatay lamalardan oluşur. Korniyerler eksenel yük kapasitesine katkıda bulunurken, yatay lamalar dıştan sargı etkisi sağlar. Korniyerler aşağıda ve yukarıda rijit çelik plakalara yaslanmalı ve iyice sıkıştırılmalıdır.

b)Betonarme Manto

Betonarme manto, içinde boyuna donatısı ve etriyesi bulunan ve mevcut kolonu saran yeni bir katmandır. Boyuna donatıda süreklilik sağlıklı bir detaylandırma ile sağlanırsa katlat arası moment aktarımı mümkün olur. Eğer yapının güçlendirilmesi sırasında yatay deprem yüklerinin karşılanması için perdeler öngörülmüşse donatıda süreklilik şartı aranmayabilir. Mantonun mevcut betona ankrajının çok iyi yapılması şarttır. Bunun için delik derinliği donatı çapının 15 katından az olmamalıdır. Delik çapı da donatı çapından yaklaşık 5mm daha büyük olmalıdır. Manto kalınlığı da minimum 15cm olmalıdır.

Tankut ve Diğerleri (1989) yaptıkları deneylerde hasarsız kolonların güçlendirilmesinde kolon yükünün askıya alındığı ve onarımın yük altında yapıldığı durumlarda mantolamanın etkinliğinin %90 a ulaştığını, hasarlı kolonlarda yapılan mantolama sonrası yükleme deneylerinde ise kolonun yükünün askıya alınarak yapılan mantolamanın %80 etkili olduğu, kolonun askıya alınmadan yük altında mantolamanın yapıldığı durumlarda ise etkinliğin ancak %50 kadar olduğu gözlenmiştir. Bu açılan hasarlı kolon onarımının kesinlikle kolonun yükünün askıya alınarak yapılması önerilmektedir.

8.2.1.2 Kirişlerin güçlendirilmesi

Hasar gören veya dayanım ve rijitliği yeterli olmayan kirişler onarılır ve güçlendirilir. Hafif çatlaklı kirişler epoxi veya çimento şerbeti ile onarılabilir. Ancak betonun ezilmesi veya donatısının kopması gibi hasarın ağır olduğu durumlarda kirişin geçici olarak askıya alınması uygundur. Bunun dışında çelik plaka veya karbon lifleri de kullanılabilir. Bir diğer yöntem ise tam veya kısmi manto uygulamaktır. Kiriş mantolamanın en büyük avantajı, mantoya hem boyuna donatı hem de etriye yerleştirmek olanağı olduğundan eğilme dayanımı yanında, kesme dayanımını da arttırabilir. Bu işlemler sırasında komşu kolonları da gözönüne alarak

kuvvetli kiriş –zayıf kolon türünden birleşim bölgesinin meydana getirilmemesine özen gösterilmelidir.

8.2.1.3 Kolon kiriş birleşim bölgesinin güçlendirilmesi

Depremde en fazla hasar gören kolon-kiriş birleşim bölgeleri taşıyıcı sistemin en çok zorlanan ve güçlendirilmesi en zor olan kısımlarını oluşturur. Deprem yükleri altında bu bölgede kesme kuvveti dayanımının ve donatı kenetlenmelerinin yeterli olmaması en çok rastlanan hasar türlerini oluşturur. Hasarın yerel olması ve çatlaklar şeklinde görülmesi durumunda epoxi reçinesi enjekte edilmesi onarım ve güçlendirme için yeterli olabilir. Hasarın daha yaygın olması durumunda kolon-kiriş birleşim bölgesi çelik şeritler yapıştırılarak ve sarılarak güçlendirilebilir. Ayrıca kolon ve kirişlerin mantolanmasıyla birlikte birleşim bölgesine de betonarme manto yapılarak güçlendirme sağlanabilir.

8.2.1.4 Perdelerin güçlendirilmesi

Perdeler deprem yüklerinin karşılanmasında rijitlik ve dayanım bakımından taşıyıcı sistemin önemli elemanlarıdır. Hasar görmeleri durumunda onarım ve güçlendirilmeleri özenle yapılmalıdır. Betonda ezilme olmadığı durumlarda epoxi enjeksiyonu perdeler için kullanılabilir. Ancak perdede beton ezilmesi veya donatı burkulması varsa, perdenin düşey yüzeyine çelik şeritler veya lif takviyeli levhalar yapıştırılarak onarım ve güçlendirme yapılabilir. Eğer mevcut perde yetersiz kalırsa, kalınlığı arttırılarak rijitliğini ve dayanımını yükseltmek gerekebilir. Kalınlığın arttırılması sırasında ek donatıların yerleştirilmesi ve uygun boşluk yapılması gerekli olabilir. Ayrıca yeni donatıların eski donatılara beraber çalışabilmesi için yeterli ankraj yapılmalıdır.

8.2.1.5 Döşemenin güçlendirilmesi

Döşemeler genellikle düşey yükleri taşımak için projelendirilirler. Yatay yük etkisinde bu yükleri taşımak için düşey taşıyıcılara iletecek dayanım ve rijitliğe sahip olmaları istenir. Hasarlar genellikle döşemenin büyük boşluk olan kısımlarında ve doğrudan perdeye mesnetlendiği yerlerde meydana gelir. Yerel çatlak veya hasarlar epoxi, çimento şerbeti veya püskürtme beton ile onarılabilir. Daha büyük hasarlarda ise döşemenin kalınlığının artırılmasıyla, kesitin eğilme rijitliği arttırılabilir.

8.2.1.6 Temellerin güçlendirilmesi

Temellerin güçlendirilmesi gereği şu durumlarda söz konusu olabilir.

- Kötü zemin nedeniyle temelde büyük oturmalar meydana gelirse,
- Büyük deprem yükleriyle temelde hasar oluşursa,
- Yapı yüklerinde güçlendirmeden ileri gelen artmalar veya deprem yönetmeliğindeki değişikliklerden kaynaklanan yatay yük artışı ile temel yetersiz kalırsa,
- Sonradan kat ilavesiyle temel yetersiz kalırsa

Temel güçlendirilmesi genelde mantolanmış kolonların altındaki sömelin genişletilmesi şeklinde olur. Yeni temel eklenerek yapılan güçlendirme ise, yeni deprem perdelerinin ilave edildiği durumlarda yapılır. İlave temellere konulan donatı miktarı, devrilme momentlerinden ileri gelen eksenel kuvvetlere karşı koyacak yeterlilikte ve uygunlukta olmalıdır. Manto kısmı ve ilave perdelerin temellere ankrajı moment aktarımı açısından çok önemlidir. ODTÜ de 1970 yılından beri yapılan araştırmalarda Ersoy (1985) e göre ilave perdelerin temele yapılacak ankrajında, açılacak delik derinliği en az 20ϕ olmalı ve temel filizi de perde içine en az 35ϕ uzatılmalıdır.

8.2.2 Taşıyıcı sisteme yeni elemanlar eklenerek güçlendirme

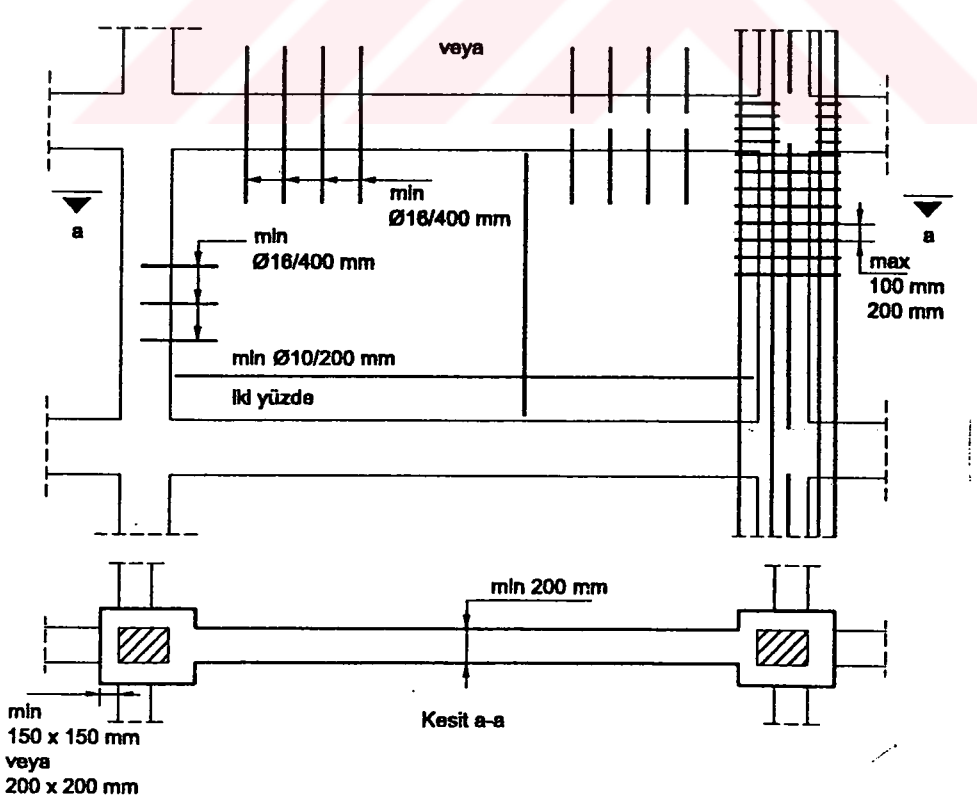
Eğer yapının yanal rijitliği çok yetersizse ve kolon ve kirişlerin uç bölgeleri sık etriye ile sarılmamışsa eleman onarım/güçlendirmesi pratik ve ekonomik olmaz. Bu gibi durumlarda çok sayıda kolon ve kirişe onarım/güçlendirme uygulama yerine, tüm deprem kuvvetini alabilecek yeni elemanlar oluşturularak sistem iyileştirilmesi yoluna gidilir. Sistem iyileştirmede temel ilke bazı çerçevelerin kuvvetlendirilip rijitleştirilmesidir. Bu işlem belirli çerçevelere konacak çelik çaprazlarla veya dolgu duvarla sağlanır. Dolgu duvar prefabrik panolardan veya yerinde dökme betonarmeden oluşabilir. Her iki durumda da dolgu ile çerçevenin bir perde oluşturabilmesi için, dolgu ile çerçeve elemanlarının etkili bir biçimde bağlanması gerekir. Çelik çaprazlarla güçlendirme genelde ülkemizdeki yapılar için yeterli olmamaktadır. Bunun nedeni genelde binaların yanal rijitliklerinin çok düşük olması ve çelik çaprazlarla yeterli rijitlik sağlanamamasıdır.

8.2.2.1 Betonarme perdelerle güçlendirme

Çerçeve içine yerleştirilen ve çerçeve elemanlarına bağlanan betonarme dolgu duvarlarla oluşturulan perdeli sistemler ülkemizde en yaygın kullanılan deprem onarım/güçlendirme yöntemidir. Betonarme dolgu duvarlarla yapılan onarım/güçlendirme, her iki doğrultuda tüm

deprem etkisini karşılayacak kadar perde duvar oluşturulmaktadır. Böylece yanal rijitlik de istenen düzeye çıkarılmaktadır. Deprem yeni oluşturulan perdelerle karşılandığından çerçevelerin sadece düşey yük taşıdığı varsayılmaktadır. Bu nedenle genelde çerçevelerde onarım/güçlendirme gerekmemektedir. Ancak deprem sırasında ağır hasar görmüş elemanlar varsa bunlar da manto ile onarılmalıdır.

Perdelerin yerlerinin seçiminde deprem yükleri altında ek burulma momenti meydana getirilmemesine ve kütle ile rijitlik merkezinin olabildiğince yaklaşmasına özen gösterilmelidir. Perdelerin genelde iki kolon arasında bulunması tercih edilmelidir. Güçlendirme perdeleri plandaki durumlarına göre dış, iç, eksenel ve dış merkez olarak yapılabilirler. Çerçevelerin arasına perde duvar yapımı yapı temelinden başlayarak en üst kata kadar sürekli olmalıdır. Perde duvarlarının sürekliliğini sağlamak için donatıların var olan kolon ve kirişlere ankrajı gerekir. Kumbasar ve Celeb (2000)'e göre perde gövde donatısının sürekliliği için kolon ve kirişlerde ϕ16/40 mm ankraj donatısı ile sağlanabilir. Bu kenetlenme çubukların boylarının kolon ve kiriş içine en az (10ϕ , 150mm) ve perde içinde 20ϕ olması tavsiye edilir. Ayrıca ankraj donatılarının sürekliliği sağlamak amacıyla kirişi delerek üst kattaki perdeye filiz görevi yapması etkinliği son derece arttırır.



Şekil 8.1 Taşıyıcı sisteme ilave edilen perdelerin ankraj donatılarının düzeni

İlave perdeler hareketli düşey yükler ile deprem kuvvetlerinin önemli bir kısmını alırlar. Bu tür normal kuvveti küçük, eğilme momenti büyük olan perdelere temel düzenlenmesi, ortaya çıkan büyük çekme gerilmelerinden dolayı zordur. Temelin çekme gerilmesi almadığı kabul edilerek temelin bazı bölgelerde zeminden yerel olarak ayrıldığı kabulü yapılması gerekli olur. Temelin kalın yapılarak bu bölgeleri sınırlandırmak mümkün olabilir. Bunun yanında daha etkili bir çözüm komşu kolonları da içerecek şekilde sürekli veya plak temel düzenlenmesidir. Perde için yapılan yeni temellerin mevcutlarla beraber çalışması ve perdenin ana donatılarının temele kenetlenmesi sağlanmalıdır. Bu amaçla temelin ortak yüzeyine epoxi sürmek ve dikiş donatıları yerleştirmek önerilir.

8.2.2.2 Çelik Çaprazlarla Güçlendirme

Taşıyıcı sistem betonarme perdeler yerine çelik çaprazlar kullanılarak da güçlendirilebilir. Bu durumda en basit uygulama kolon-kiriş düzlemine yerleştirilecek çaprazlar yanında kolon ve kirişe bitişik konulacak çelik elemanlarla yapılabilir. Bu durumda çelik elemanlarla kuvvetin olabildiğince düzgün yayılı iletilmesi sağlanır. Ancak çaprazlar nedeniyle köşelerde büyük yoğun çekme ve basınç kuvvetlerinin betonarme ve çelik taşıyıcı sistem arasında iletilmesi gerekir. Çaprazlı çelik kafes sisteminde kuvvetlerin kattan kata geçmesinin sağlanmasına özen gösterilmelidir. Bunun için kolona bitişik düşey çelik elemanların katlar arası sürekliliğin sağlanması gereklidir.

9. İSTANBUL-FATİH'TEKİ MUSTAFA KAYA APARTMANININ ONARIM ve GÜÇLENDİRME PROJESİNİN HAZIRLANMASI

Bölüm 7'de mevcut binanın deprem sonrası bayındırlık ve iskan bakanlığı normlarına göre zemin sınıfı 2 ve 4 için hasar tespiti yapılmış ve depreme dayanıklılık açısından avantaj ve dezavantajları belirtilmişti. Ayrıca mevcut binanın rölevesi alınarak mevcut projeye olan uygunluğu tespit edilmişti. Bu bölümde binayı mimari fonksiyonları gözönüne alarak güçlendirme projesinin nasıl hazırlandığı açıklanacaktır. Güçlendirme projesinin hesaplanmasında Sta4-cad yapı analiz programından faydalanılmıştır.

Önce deprem sonrasında hasar gören ve rutubetten dolayı korozyona uğramış taşıyıcı sistem elemanları tespit edilmiştir. Bu elemanlar ek A da hasar paftası adı altında gösterilmiştir. Mevcut binanın mimari, kalıp, temel, kolon aplikasyon planları ile kolon donatı tablosu Ek b de görüldüğü gibidir. Hasar paftasında belirtildiği üzere bu binanın önce hasar gören elemanlarının onarım işlemleri açıklandıktan sonra, zemin sınıfı 2 ve zemin sınıfı 4 için güçlendirme projesinin nasıl hazırlandığı anlatılacaktır.

9.1 Taşıyıcı Sistem Elemanlarının Onarımı

Bodrum kattaki S9 ve S11, zemin katta ise S9 kolonunda kılcal kesme çatlaklarına rastlanmıştır. Bu çatlaklara bölüm 8'de anlatıldığı üzere epoxi enjeksiyonu yapılmıştır. Bu enjeksiyonun binanın mevcut beton mukavemetinin BS16 olduğu için iyi sonuç vereceği beklenmektedir. Enjeksiyondan önce çatlağın üzeri bir murçla biraz daha açıldıktan sonra, içi iyice temizlenmelidir. Ardından çatlağın etrafına paker denen enjeksiyon elemanları çatlağın sağına ve soluna ortalama 50 cm arayla yerleştirilir. Sonra enjeksiyon tabancasına doldurulan epoxi reçinesi pakerler vasıtasıyla enjekte edilir. Böylece çatlak onarılmış olur. Bodrum katta S1, S16 ve S19 no'lu kolonlarda ise korozyon onarımı gerçekleştirilmiştir. Korozyon dolayısıyla kabuk betonu atmış olan bölgeler bir çekiç yardımıyla temizlenmelidir. Ardından elemanın sıvası kaldırılarak donatılara ulaşılır. Korozyon önleyici epoxi boya donatılara sürüldükten sonra tamir harcı ile bu kolonlar tekrar sıvanmıştır. Böylece depremden hasar gören elemanlar onarılmıştır.

9.2 Taşıyıcı Sistemin Güçlendirilmesi

Binanın mevcut taşıyıcı sistemi yeni deprem yönetmeliğine göre yapılan analizlerde yatay ve düşey hareketli ve sabit yükleri taşıyacak kesit alanı bulunmadığı anlaşılmıştır. Dolayısıyla özellikle yatay yükleri taşıyacak elemanlara ihtiyaç olduğu belirlenmiştir. Bunun için binada burulma etkileri meydana getirmeyecek şekilde x ve y yönünde perdeler ilave edilmiştir. Binanın temeli de eklenecek olan bu yeni elemanları kesit etkilerini zemine güvenlikle iletebilmesi için mütemadi temellerin arasına ilave temeller yapılarak, temel sistemi radye temele çevrilmiştir. Eklenen taşıyıcı elemanların beton mukavemeti BS20 ve donatı çeliği olarak da StIII seçilmiş ve hesaplamalarda bu değerler göz önüne alınmıştır.

9.2.1 Zemin sınıfı 2 için güçlendirme

Yatay yükleri karşılamak amacıyla binanın x yönüne 0.25x3.15mt ve 0.25x2.20 boyutlarında 2 adet betonarme perde taşıyıcı sisteme ilave edilerek sistem güvenli hale getirilmiştir. Bu perdelerin ilavesiyle:

- x ve y yönünde dinamik kütle oranı %99 a çıkmıştır.
- Perdelerin taşıdığı eğilme momenti oranı x ve y yönlerinde α_{mx}=0.37 , α_{my}=0.35 olarak hesaplanmıştır.
- Binanın katlar arası yanal rijitliği max(di/hi) 0.0063'ten 0.0023' e düşürülerek güvenli tarafa geçilmesi sağlanmıştır.
- Mevcut düzensizlikler nedeniyle β katsayısı 1 alınarak taban kesme kuvveti arttırılmış ve hesaplar buna göre yapılarak düzensizliklerden doğan olumsuzluklar kaldırılmıştır.
- Yeni eklenen taşıyıcı elemanlar yüksek süneklikte oldukları için binanın taşıyıcı sistem davranış katsayısının R=5 alınabilmesi sağlanmış ve deprem etkilerini bu ölçüde azaltmıştır.
- Yeni eklenen taşıyıcı perdelerin temel seviyesinden çatıya kadar sürekli olarak yapılmış olup, ankraj donatılarının üst kirişleri delerek üst katlardaki perdeye filiz görevi görmeleri süreklilik açısından büyük avantajlar sağlamıştır.
- Bina yüksekliği 25m'den fazla olduğu için tepe deprem yükü her iki yön için F_{tx}=8.92t ve F_{ty}=9.94t olarak hesaplanmıştır.

Bu sonuçlara göre zemin sınıfı 2 için ek x de güçlendirilmiş binanın kalıp planları ve eklenen elemanların kesit detayları gösterilmiştir. Bu elemanların donatı düzenleri A.B.Y.Y.H.Y 97 Bölüm 7 ve TS500'deki donatı düzenleme koşullarına uyularak yapılmıştır.

9.2.2 Zemin sınıfı 4 için güçlendirme

Zemin sınıfı 2 için yapılan güçlendirmeye ek olarak y yönünde 2 adet 0.25x2.00 mt boyutlarında betonarme perdeler ilave edilmesi gerekmiştir. Böylece:

- x ve y yönünde dinamik kütle oranı %99 a çıkmıştır,
- perdelerin taşıdığı eğilme momenti oranları α_{mx}=0.42 , α_{my}=0.53 olark hesaplanmıştır.
- A.B.Y.Y.H.Y 97 bölüm 6.5'e göre α_m değeri $0.4<\alpha_m<2/3$ aralığında olduğu için taşıyıcı sistem davranış katsayısı R=4+1.5x0.42(6-4)=5.25 olarak alınması gerktiği anlaşılmış ve hesaplar da buna göre yapılmıştır.
- Binanın yanal rijitliği max(di/hi) 0.0124 ten 0.0034 e düşülerek şartnamenin öngördüğü 0.0035 değerinin altına düşülmesi sağlanmıştır.
- Bina yüksekliği 25m. den fazla olduğu için tepe deprem yükleri F_{tx}=11.11t ve F_{ty}=16.65t olarak bulunmuştur.

Bu sonuçlara göre zemin sınıfı 4 için ek d de güçlendirilen binanın kalıp planları ve eklenen elemanların kesit detayları gösterilmiştir. Bu elemanların da donatı düzenleri A.B.Y.Y.H.Y 97 Bölüm 7'ye göre süneklik düzeyi yüksek olarak projelendirilmişlerdir. Ayrıca eklenen perde elemanlarının mevcut taşıyıcı sistemle daha iyi çalışabilmesi için perde uç bölgelerinde oluşması muhtemel çok yüksek eğilme momenti değerlerinin karşılanması içini perdelerin birleştiği kolonlar 15 cm kalınlığında mantolanmıştır.

9.2.3 Temel güçlendirmesi

Yapılan analizler sonucunda her iki zemin sınıfı için mevcut mütemadi sömellerin arasındaki dolgu çıkarılarak yerine 70 cm'lik sömeller yapılmış ve mevcut temele bölüm 8'de açıklandığı gibi ankrajlanması kaydıyla, yeni temelin radye temel sistemine dönüştürülmesi sağlanmıştır. Böylece yenilenen taşıyıcı sistemin kesit etkilerini zemine aktarması açısından uygun olacağı belirlenmiştir. Temel altındaki zeminde oluşan gerilmelerin her iki zemin sınıfı için bulunmuş olan 14 t/m^2 ve 20 t/m^2 değerlerinin altında kaldığı tespit edilmiştir. Ayrıca zımbalama tahkikleri de yapılmış ve 70 cm kalınlığındaki temelin bu şartı ancak sağladığı anlaşılmıştır. Sonuç olarak güçlendirilen temel planı ve kesit detayları Ek r de gösterilmiştir.

10. STA4-CAD BİLGİSAYAR PROGRAMININ ÇÖZÜM YÖNTEMLERİ ve TEORİK ESASLARI

STA4 programı, çok katlı betonarme yapıların statik, deprem, rüzgar ve betonarme analizini entegre olarak yapan bir paket programdır. Program, statik ve betonarme analizleri, standart ve yönetmelikleri esas alacak şekilde yapabilmektedir. Statik hesaplama metodu olarak Stiffness metod kullanılmaktadır. Tam anlamıyla üç boyutlu çalışan bu program yapı denge denklemleri, kat plağının dx, dy ve qz deplasmanlarının bulunmasında yatay yöndeki plakların sonsuz rijitliği kabulü ile kurulmaktadır. Bu nedenle katlarda θ_x , θ_y deplasmanları kabulü ile tüm yapının denge denklemleri kurulmaktadır. Plan aplikasyon olarak girilen yapı bilgileri ile program otomatik olarak yapısal modelleme yapmakta, eleman rijitliklerini dikkate alarak denge denklemlerini bir defada kurmakta ve çözmektedir. Ayrıca yapı statik hesaplarında, yapı-zemin davranışını dikkate alabilmesi sayesinde, zemin çökme ve dönmelerinin rijit üst yapıdaki etkilerini saptayarak gerçek tesirleri bulmaktadır. Statik çözümlerin üç boyutlu olması nedeniyle, ızgara kirişler veya plandaki geometrisi bozuk kirişleri sonlu elemanlar olarak çözebilmekte ve sonuçlarını tek bir kiriş olarak değerlendirebilmektedir.

Program çözümlemelerini yapıdaki en olumsuz yük kombinasyonlarını dikkate alan 16 adet yükleme tipi ile yapmaktadır. Bunlar 7 adet düşey yük kombinasyonu, 4 adet deprem veya dinamik analiz kombinasyonu (x ve y yönünde, yapı ağırlık merkezinin %5 kaçıklığını dikkate alınarak), 4 adet rüzgar kombinasyonu (x ve y yönünde, yapı ağırlık merkezinin %5 kaçıklığını dikkate alınarak) ve 1 adet zemin itkilerinin statik olarak yapı tarafından taşınması ile ilgili kombinasyondur. Yapı modellemesi, eleman rijitliklerinin bulunması ve döşeme yük dağılımlarının vektörel olması nedeniyle, geometrileri bozuk yapılarda çok büyük hassasiyetle ölçü, yükler ve eleman ilişkisini bulmaktadır.

Yapılarda çok kullanılan eleman tipleri dikkate alınmıştır. Kirişlerin; düzgün, prizmatik, guseli ve değişken kesitli olması veya geniş perdelere oturmasını stiffness ve yük matrisinde dikkate almaktadır. Kolonlarda; dikdörtgen, prizmatik, daire kolonlar ve geometrisi bozuk (poligon) kolonlar ayrı ayrı tiplenmiştir. Kolon statik hesap rijitliklerinde, perde kontrolü ve kayma deformasyonları dikkate alınarak stiffness değerleri düzenlenmektedir. Döşemelerde; geometrisi bozuk çok parçalı dikdörtgenlerden oluşan ve asmolen döşeme tiplerini dikkate almaktadır.

Temeller elastik zemine oturan sonlu kiriş teorisi ile çözülmektedir. Zemin gerilmesi kontrolü, emniyet gerilmesi yük kombinasyonuna göre yapılmaktadır. Temeller yapı ile birlikte çözülebildiği gibi ayrı olarak da hesaplanabilmekte, zemin davranışını dikkate alan sonlu kiriş teorisi (Winkler hipotezi) ile çözülebilmektedir.

Deprem hesapları; deprem yönetmeliğine göre yapılabildiği gibi, mod süperpozisyonu ile dinamik analiz de yapılabilmektedir. Dinamik zemin hız spektrumları, bölgelere göre program kütüphanesinde mevcut olup, istenirse kullanıcı tarafından değiştirilebilmekte veya yeni spektrum değerleri girilebilmektedir. Betonarme kesit hesapları TS500 e uygun olarak emniyet gerilmesi veya taşıma gücü yöntemine göre yapılmaktadır. Taşıma gücü deprem, sehim ve düktilite koşullarına göre değerlendirilmektedir. Ayrıca program kat kolon burkulmalarını dikkate alarak, kolon moment büyütme faktörü ile betonarme hesaplamaları yapmaktadır.

Döşeme yükleri, nonortagonal geometriyi ve değişik mesnet koşullarını dikkate alarak, YIELD-LINE (akma çizgileri) teorisi ile kirişlere ve kolonlara dağıtmaktadır. Equilibrum metod ile plak kırılma doğruları bulunmakta ve yük dağılımı gerçekleşmektedir. Döşeme yüklerinin kolonlara gelen kısımları koordinatları ile, direkt kolonlara aktarılmaktadır. Kirişler; kolon dışında kalan kısımlardan yük almaktadır. Temeller elastik zemine oturan sonlu kiriş teorisi ile çözülmektedir. Zemin gerilmesi kontrolü, emniyet gerilmesi yük kombinasyonuna göre yapılmaktadır.

Programın güçlendirme projelerindeki üstünlüğü ise her eleman için farklı elastisite değerlerinin girilebilmesidir. Ayrıca p-delta analizle yüksek yapıların çözümlemesinde güvenilir sonuçların alınması mümkün olmuştur.

11. SONUÇLAR ve ÖNERİLER

İstanbul-Fatih'teki Mustafa Kaya apartmanı farklı zeminler üstünde çözümlendikten sonra elde edilen analiz sonuçlarına göre, uzun zemin periyotlarının hakim olduğu zayıf zeminler üstünde binanın yanal rijitliğini sağlamanın daha zor olduğu ispat edilmiştir. Hazırlanan takviye projesinde zemin sınıfı 2 için 4 adet perde yeterli olmuşken, zemin sınıfı 4 için 6 adet perde yanal rijitliği sağlayabilmiştir. Zemin dayanımı azaldıkça buna bağlı olarak yüksek yapılarda binanın tepesine etkiyen fiktif eşdeğer yük artmaktadır. Dolayısıyla binayı depreme güvenli hale getirmek daha da zorlaşmaktadır. Taşıyıcı sisteme eklenen ilave elemanların mevcut sisteme ankrajı bölüm 8'de belirtilen kurallara göre yapılmalıdır. Ayrıca bu elemanların A.B.Y.Y.H.Y. 97 Bölüm 7 ve TS500'deki donatı düzen kurallarına uyularak projelendirilmesi gerekir. Aksi taktirde be ilave elemanlar ile mevcut taşıyıcı sistem elemanları arasında yük aktarımı sağlanamaz. Sonuç olarak bir yapı güçlendirilmeden önce hem üzerinde bulunduğu zemin hem de yapının mevcut durumu çok iyi etüd edilmelidir. Elde edilen veriler doğrultusunda yapı en doğru ve en ekonomik biçimde onarım ve güçlendirmeye tabi tutulmalıdır.

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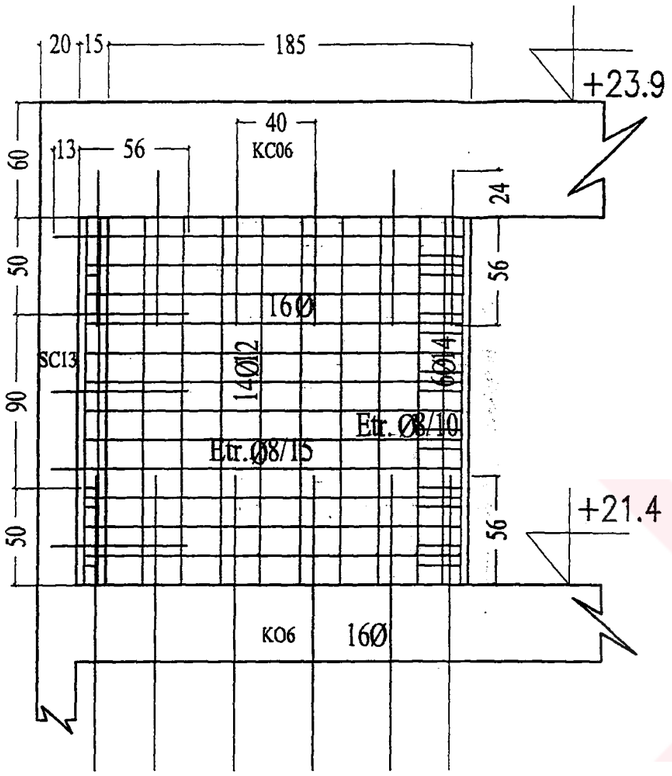
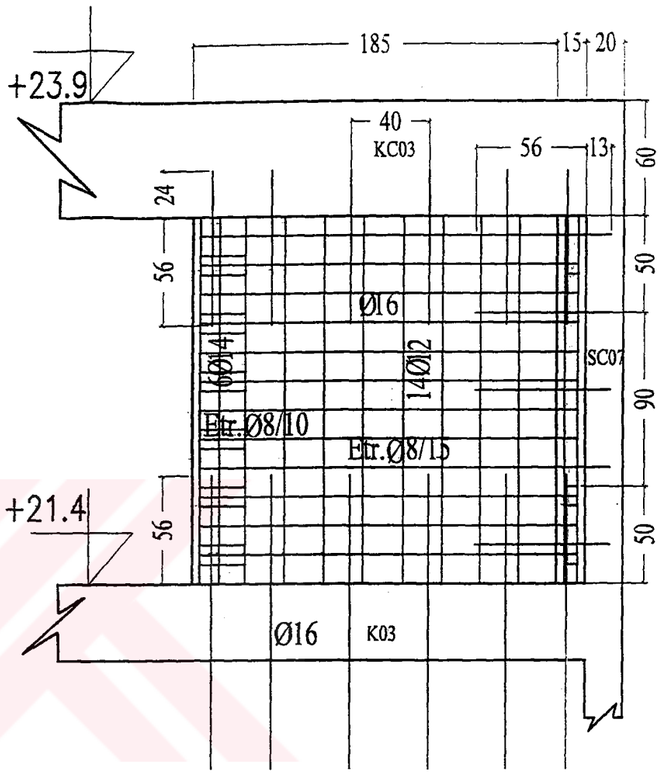
EKLER

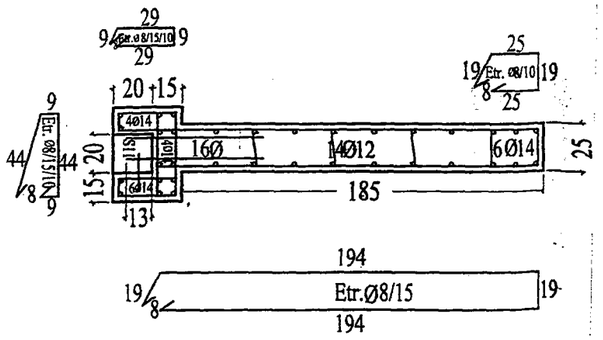
Ek 1 Mevcut Binanın Mimari Planları
Ek 2 Mevcut Binanın Kesit Görünüşleri
Ek 3 Mevcut Binanın Temel Aplikasyon Planı
Ek 4 Mevcut Binanın Kolon Aplikasyon Planı
Ek 5 Mevcut Binanın Kolon Donatı Tablosu
Ek 6 Mevcut Binanın Hasar Paftası
Ek 7 Mevcut Binanın Kalıp Planları
Ek 8 Güçlendirilen Binanın Radye Temel Planı
Ek 9 Zemin Sınıfı 2'ye Göre Güçlendirilen Binanın Kalıp Planları
Ek10 Zemin Sınıfı 4'e Göre Güçlendirilen Binanın Kalıp Planları
Ek11 Zemin Sınıfı 2'ye Göre Güçlendirilen Binanın Ek Eleman Kesit Detayları
Ek12 Zemin Sınıfı 4'e Göre Güçlendirilen Binanın Ek Eleman Kesit Detayları
Ek13 Mevcut Binanın Zemin Sınıfı 4'e Göre Sta4-cad Analiz Sonuçları
Ek14 Mevcut Binanın Zemin Sınıfı 2'ye Göre Sta4-cad Analiz Sonuçları
Ek15 Güçlendirilen Binanın Zemin Sınıfı 2'ye Göre Sta4-cad Analiz Sonuçları
Ek16 Güçlendirilen Binanın Zemin Sınıfı 4'e Göre Sta4-cad Analiz Sonuçları

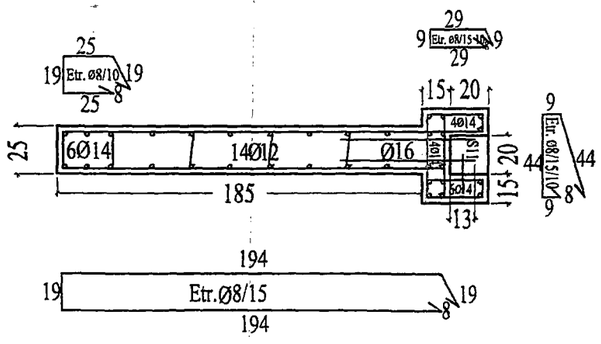


S13 – BAP 6



S07 – BAP 5

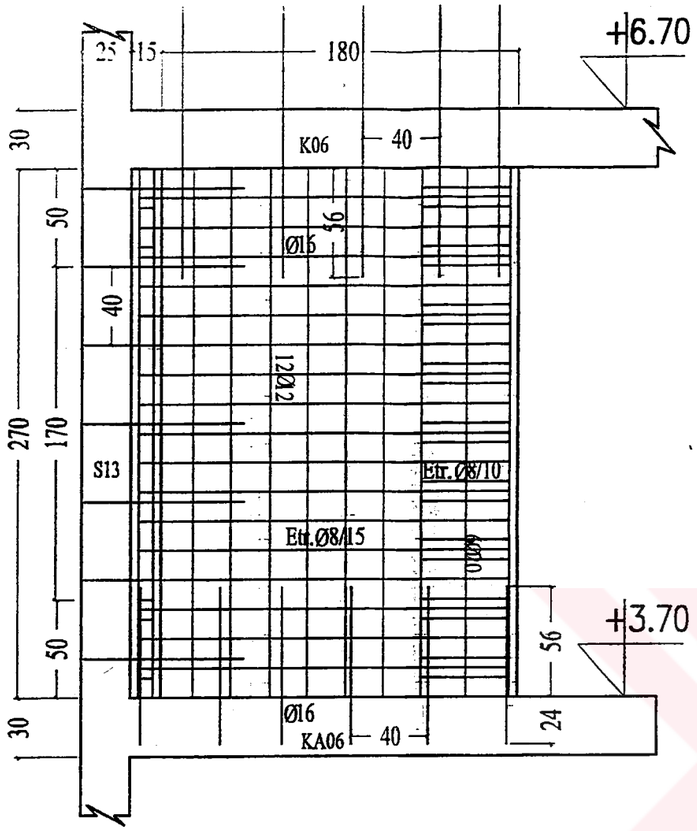




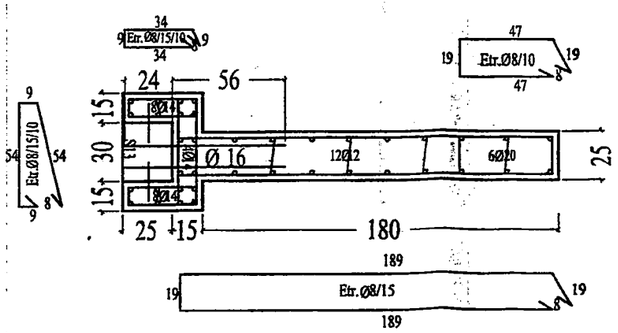
YEREL ZEMIN SINIFI		Z4
BINA ONEM KTS :	1	TAS.SIS.DAV KTS R=5
ETKIN YER IVME KTS :		A=0.40
MALZEME		GUCLENDIRME MALZEMESI
BETON : BS16		BS20
CELIK : ST I		STIII

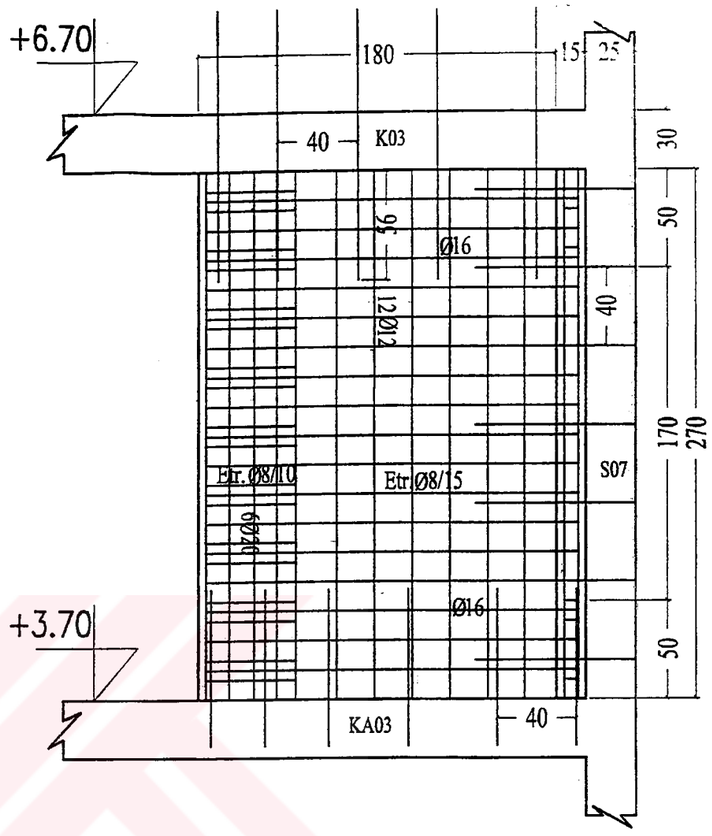
Z4 ICIN Z2 YE EK OLARAK CATI KATI ILAVE KOLON VE PERDE KESIT DETAYLARI

OLCEK 1/30

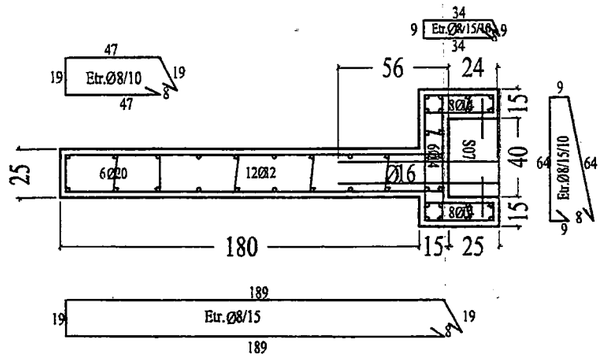


S13 – BAP 6





S07– BAP 5

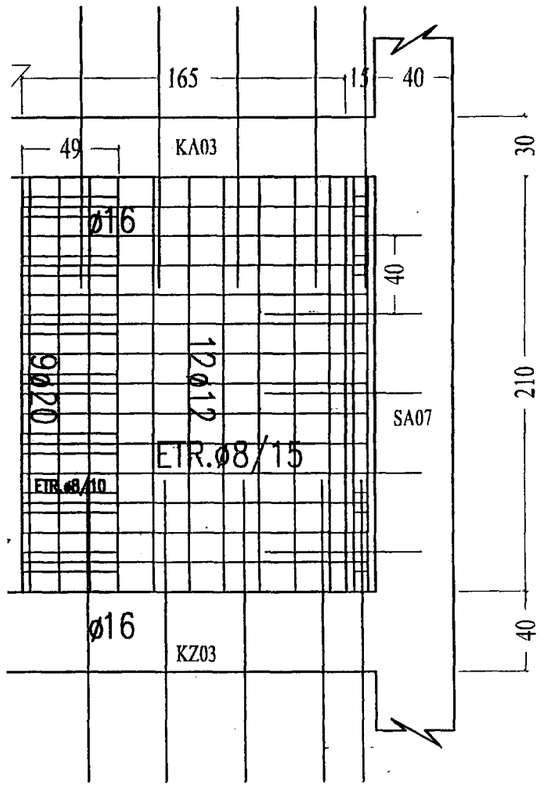


YEREL ZEMIN SINIFI:		Z4
BINA ONEM KTS :	1	TAS.SIS.DAV KTS R=5
ETKIN YER IVME KTS :		A=0.40
MALZEME		GUCLENDIRME MALZEMESI
BETON : BS16		BS20
CELIK : ST I		STIII

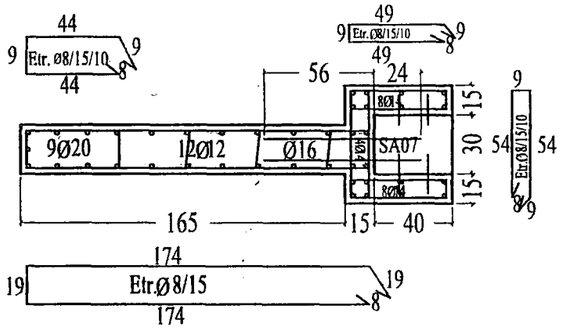
Z4 ICIN Z2 YE EK OLARAK NORMAL KAT ILAVE KOLON VE PERDE KESIT DETAYLARI

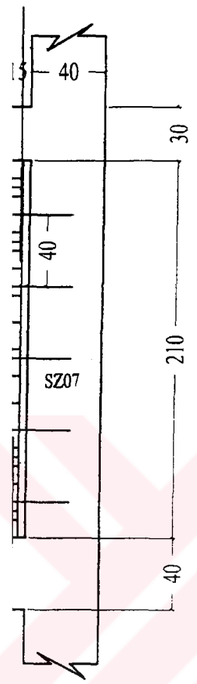
OLCEK 1/30

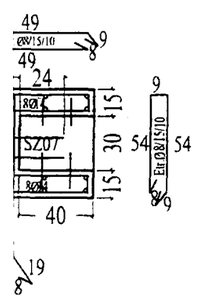
77



SA07 – BAP 5





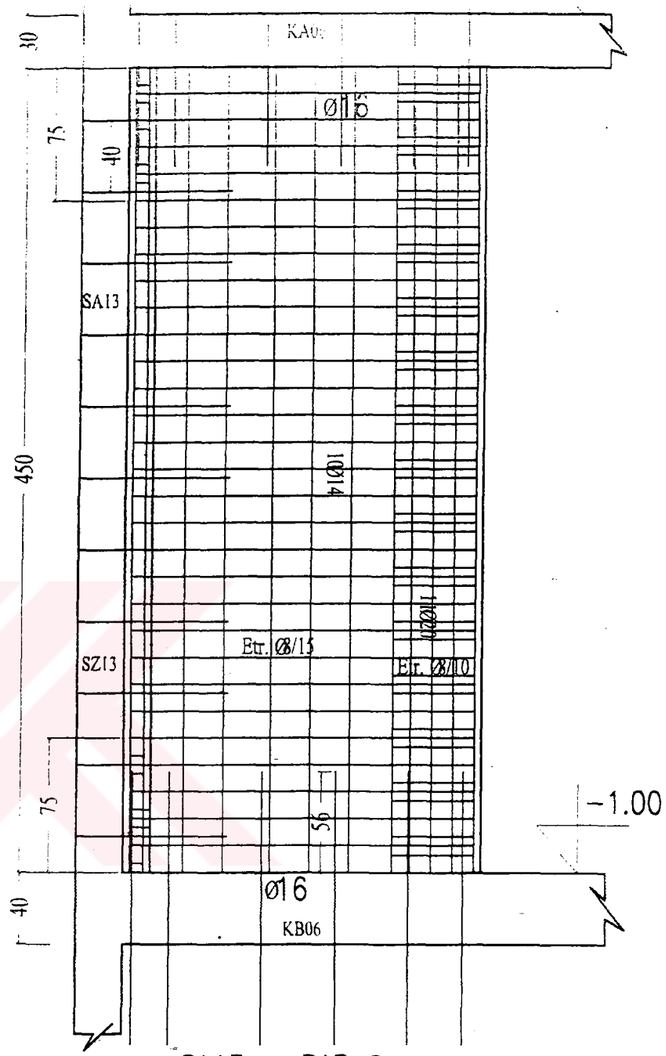


YEREL ZEMIN SINIFI:	Z4	
BINA ONEM KTS :	1	TAS.SIS.DAV KTS R: 5
ETKIN YER IVME KTS :	A=0.40	
MALZEME	GUCLENDIRME MALZEMESI	
BETON : BS16	BS20	
CELIK : ST I	STIII	

EK OLARAK ASMA KAT ILAVE KOLON VE PERDE KESIT DETAYI

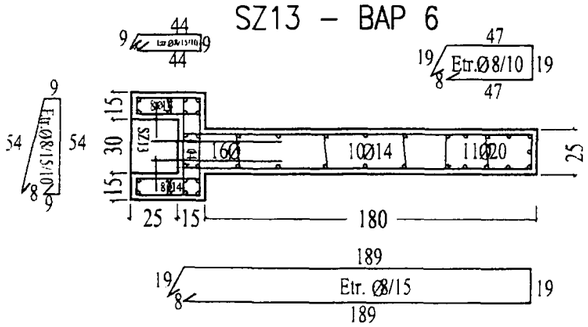
OLCEK 1/30

78



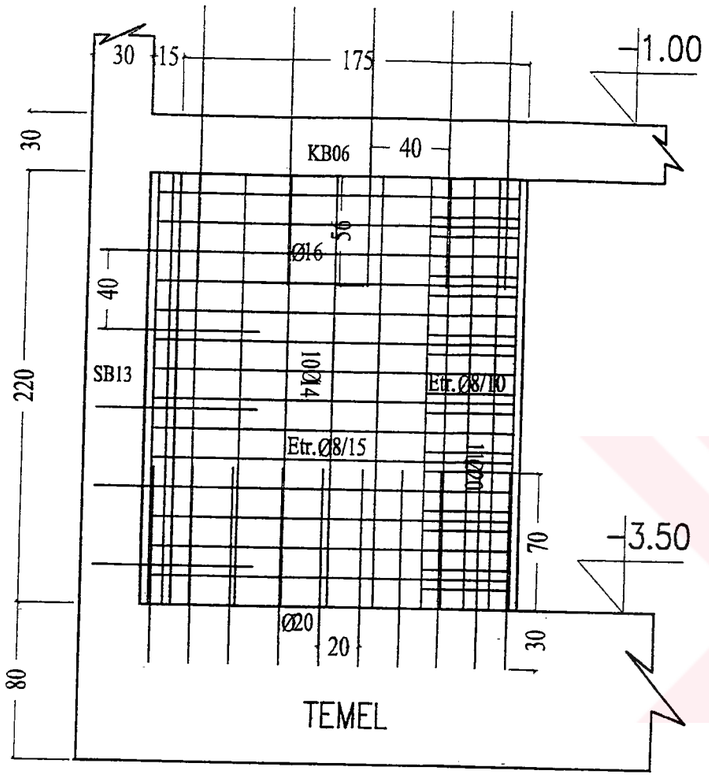
SA13 – BAP 6

SZ13 – BAP 6

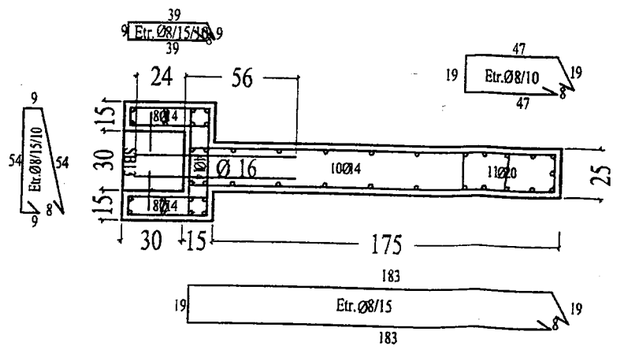


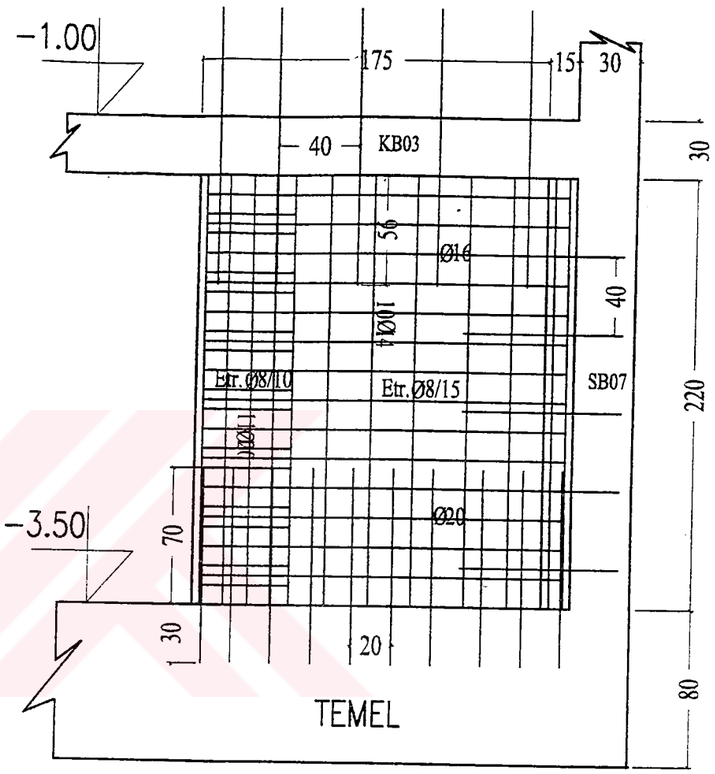
YEREL ZEMIN SINIFI:	Z4	
BINA ONEM KTS :	1	TAS.SIS.DAV KTS R: 5
ETKIN YER IVME KTS :	A=0.40	
MALZEME	GUCLENDIRME MALZEMESI	
BETON : BS16	BS20	
CELIK : ST I	STIII	

Z4 ICIN Z2 YE EK OLARAK ZEMIN KAT ILAVE KOLON VE PERDE KESIT DETAYLARI OLCEK :1/30

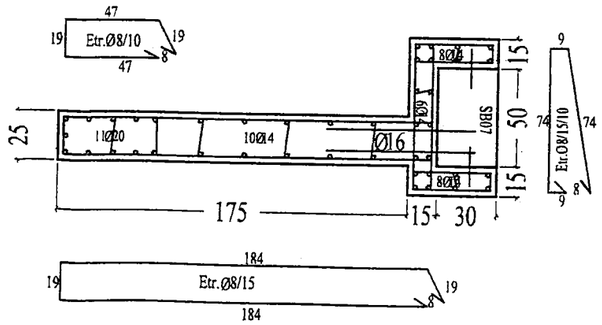


SB13 – BAP 6





SB07– BAP 5



YEREL ZEMIN SINIFI		Z4
BINA ONEM KTS :	1	TAS.SIS.DAV KTS R=5
ETKIN YER IVME KTS :		A=0.40
MALZEME		GUCLENDIRME MALZEMESI
BETON : BS16		BS20
CELIK : ST I		STIII

Z4 ICIN Z2 YE EK OLARAK BODRUM KAT ILAVE KOLON VE PERDE KESIT DETAYLAR

EK - 13

MEVCUT BİNANIN ZEMİN SINIFI 4'E GÖRE STA4-CAD

ANALİZ SONUÇLARI

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. 23:18:23

©STA4-CAD PROGRAMI

ÇOK KATLI BETONARME YAPILARIN STATÝK ve BETONARME ANALÝZ PROGRAMI Ver.8.1 (code:GQS)

PROJE ÝSMÝ.....:TEZZ4
KAT ADEDI.....: 10
Bir kattaki KOLON SAYISI.....: 19
X yönü aks sayisi.....: 20
Y yönü aks sayisi.....: 12
DEPREM KATSAYISI.....(Ao).: .4
YAPI TÝPÝ KATSAYISI.....(R)..: 4
YAPI ÖNEM KATSAYISI.....(I)..: 1
ZEMÝN HAKÝM TÝTREÞÝM PERYODU.....(To).: .2 - .9
HAREKETLÝ YÜK KATSAYISI.....(n)..: .3
SIFIR RÖLATÝF HAREKET YÜKSEKLÝ*Ý (m)..: 0
ZEMÝN EMNÝYET GERÝLMESÝ..... (t/m²)..: 14
ZEMÝN YATAK KATSAYISI..... (t/m3)..: 1000
BETONARME HESAP YÖNTEMÝ .....:TARIMA GÜCÜ YÖNTEMÝ (TS 500, 1984) (Deprem kontrolu ile betonarme hesabi)
BETONARME KESÝT DONATI HESAP YÖNTEMÝ .....:BRÜT KESÝTE GÖRE
DEPREM HESABI YÖNTEMÝ .....:MOD SÜPERPOZÝSYONU ÝLE DÝNAMÝK ANALÝZ
TEMEL ANALIZ OPSIYONU.....:TUM TEMEL DEPLASMANLARI DIKKATE ALINMASI
Zemin gerilmesi hareketli yük azaltma degeri.: 1.00
Zemin gerilmesi deprem azaltmasi.....: 0.50
Zemin gerilmesi rüzgar azaltmasi.....: 0.25
Kolonun oturdugu kiris tesir carpan.....: 1.50
Kiriþ & Kolon rijitlik bolgesi opsiyonu.....: Rijit davranis
Kiris uclarinda elastik ankastrelik opsiyonu : Elastik ankastre

BETON ve ÇELÝK MALZEME BÝLGÝLERÝ

			Kiriþ\Kolon	Döþeme	Temel
Beton dayanim gerilmesi (kg/cm²).:			160	160	160
Çelik akma gerilmesi (kg/cm²).:			2200	2200	2200
Çelik akma gerilmeþi (kg/cm²).:		(etriye)	2200		2200

TARIMA GÜCÜ MALZEME KATSAYILARI :
BETON .....: 1.50
ÇELÝK .....: 1.15
TARIMA GÜCÜ YÜK KATSAYILARI :
DAÝMÝ YÜK ÝÇÝN : 1.40
HAREKETLÝ YÜK ÝÇÝN : 1.60
ELASTISITE MODULU (kg/cm²)
BS16 E1= 270000 G1= 108000

BETONARME HESAP YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.40	1.60	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00
1.40	0.00	0.00	0.00	0.00
1.00	1.00	0.00	1.00	0.00
1.00	1.00	1.00	1.00	0.00
0.90	0.00	0.00	1.00	0.00
1.00	1.30	0.00	0.00	1.30
1.00	1.30	1.00	0.00	1.30
0.90	0.00	0.00	0.00	1.30
0.90	0.00	0.90	0.00	1.30

CODE:TS500T.COD

ZEMIN GERILMESI YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.00	0.00	0.00	0.00	0.00
1.00	0.00	1.00	0.00	0.00
0.67	0.00	0.67	0.67	0.00
0.80	0.00	0.80	0.00	0.80

YAPI AKS BÝLGÝLERÝ

X yönü aks bilgileri

no	Ax	Bx
1	0.00	0.00
2	0.00	3.80
3	0.00	6.60
4	0.00	11.25
5	0.00	14.15
6	0.00	18.15
7	0.00	7.90
8	0.00	19.45
9	0.00	2.80
10	0.00	15.15
11	0.00	1.40
12	0.00	2.75
13	0.00	4.75
14	0.00	5.60
15	0.00	7.60
16	0.00	10.20
17	0.00	12.70
18	0.00	13.20
19	0.00	16.20
20	0.00	16.70

Y yönü aks bilgileri

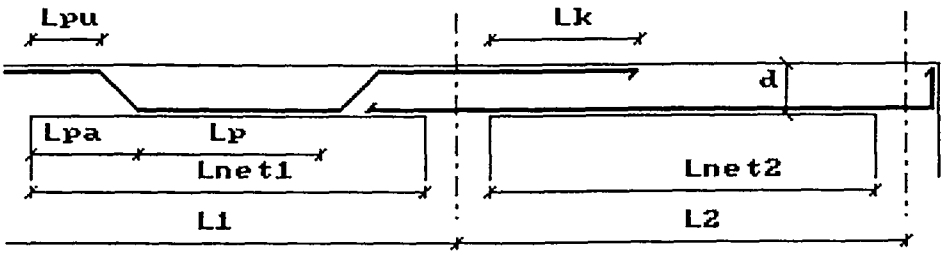
no	Ay	By
1	0.00	0.00
2	0.00	3.20
3	0.00	3.75
4	0.00	4.80
5	0.00	6.00
6	0.00	8.00
7	0.00	2.05
8	0.00	6.15
9	0.42	3.20
10	-0.34	7.07
11	0.14	1.61
12	0.19	1.07

1. KAT KOLONLARI AKS BÝLGÝLERÝ

Kolon no	X aksi	Y aksi	dx	dy	alt yük.	Kolon no	X aksi	Y aksi	dx	dy	alt yük.
101	6	1	0	-0	0.00	102	6	3	0	-0	0.00
103	6	6	0	0	0.00	104	5	1	-0	-0	0.00
105	5	3	-0	-0	0.00	106	5	6	-0	0	0.00
107	4	1	0	-0	0.00	108	4	2	0	-0	0.00
109	4	5	0	0	0.00	110	4	6	0	0	0.00
111	3	1	0	-0	0.00	112	3	4	0	0	0.00
113	3	6	0	0	0.00	114	2	1	0	-0	0.00
115	2	4	0	0	0.00	116	2	6	0	0	0.00
117	1	1	-0	-0	0.00	118	1	2	-0	-13	0.00
119	1	6	-0	0	0.00	120	0	0	0	0	0.00

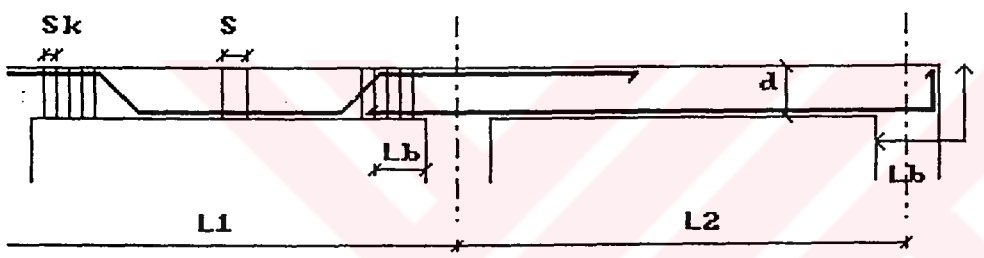
FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. 21:57:09

GENEL BETONARME CIZIM OPSIYONLARI



ım demir boyu.....cm.= 1200
ım demir bindirme boyu orani.....= ϕ x 50
.p.....= Lnet1 /2
.....= Lnet1 /5
.pu.....cm.= 30
.pu .....= d /2
.k .....= Lnet2 /4
kayma donatisi katilim orani.....= 0
kanca boyu .....= ϕ x 10
donatisinin, kolon icindeki aderans boyu.....= ϕ x 50
.erde sik etriye opsiyonu.....= zorunlu
.erde Pilye opsiyonu.....= pilyeli
ım pilye açikli°i orani.....= Lnet/2
onatilarda, pilye ve düz donati tercihi.....= düz

KIRIS BETONARME OPSIYONLARI

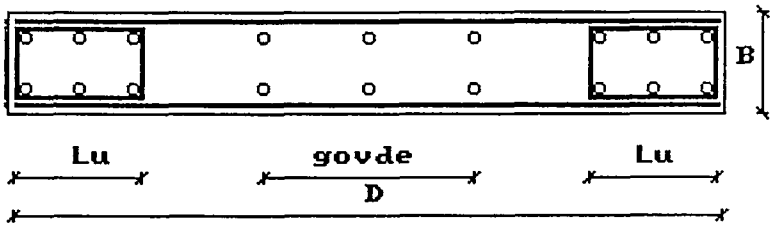


'i.....cm.= 3
'oyuna kesit pursantaji .....= .008
'ekme bolgesi ..... fyk < 3600 kg/cm² = .0025
'ekme bolgesi ..... fyk >= 3600 kg/cm² = .0015
m duz ve pilye donati capi .....ϕ.= 12
m montaj donati capi .....ϕ.= 12
m govde donati capi .....ϕ.= 12
m etriye donati capi .....ϕ.= 8
acisi.....derece.= 45
m gövde demirsiz kiris yüksek.....cm.= 59
m _üz ve montaj demir araligi .....cm.= 20
donatisi beton katilim orani.....= .8
ilik icin max. kolon genisligi.....cm.= 200
m montaj donati orani .....(% maxAs).= .25
m etriye araligi..S.....cm.= 20
m etriye araligi..S.....cm.= 10
m etriye araligi. Sk.(1).....cm.= 15
m etriye araligi. Sk.(2).....= d/4
m etriye araligi. Sk.(3).....= ϕ x 8
um tek etriye genisligi .....cm.= 40
lt As/ust As) .....= .5
t As=Fctd/Fyd .....= Evet
=.....= ϕ x 50

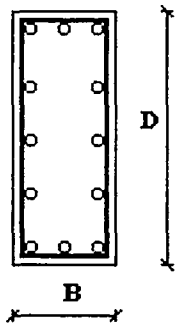
FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. 21:57:13

KOLON-PERDE BETONARME OPSIYONLARI

D >= 7 x B (Perde)

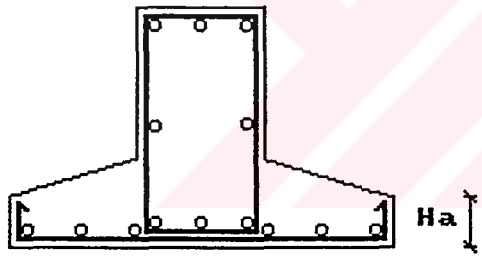


D < 7 x B (Kolon)



KOLON ve PERDELERIN betonarme opsiyonlari :
Paspayi.....cm.= 3
Min.kolon çekme bölgesi.....= .0025
Min.kolon toplam kesit .....= .01
Kolon eksenel yuk eksantirisite etkisinin alinmasi..= evet
Minimum etriye araligi.....cm.= 10
Maximum etriye araligi.(1).....cm.= 20
Maximum etriye araligi (2).....min.= ϕ x 12
Minimum ciroz araligi.....min.= ϕ x 25
Minimum donati capi .....ϕ.....= 14
Minimum etriye capi .....ϕ.....= 8
Perde/Kolon orani (D/B).....= 7
Perde uzun etriyelerinde gonye.....= Gonyeli
Nervurlu etriye kanca acisi..... (90°,135°)= 135
min.Hcr yuksekligi .....< D x 2
max.Hcr yuksekligi .....>= D x 1
max.Hcr yuksekligi .....>= Hw/6
Min.baslik bölgesi.(Hcr).....= .002
Min.baslik bölgesi.....= .001
Min.govde bolgesi.....= .0025
Min.baslik bolgesi.....Lu= 20 cm
Min.baslik bolgesi.(Hcr).....Lu=B x 2
Min.baslik bolgesi.(Hcr).....Lu=D x .2
Min.baslik bolgesi.....Lu=B x 1
Min.baslik bolgesi.....Lu=D x .1
Baslik bolgesi min. donati capi .....ϕ..= 14
Govde bolgesi min. donati capi .....ϕ..= 12
Perdelerde tasarim egilme momenti.....= Evet

TEMEL BETONARME OPSIYONLARI



Paspayi.....cm.= 5
Min. çekme bölgesi.pursantaji.....= .0025
Min. toplam kesit .....= .005
Pilye acisi.....= 60
Minimum etriye araligi.....cm.= 10
Maximum etriye araligi.....cm.= 20
Maximum etriye genisligi.....cm.= 60
Minimum duz ve montaj demir araligi .....cm.= 20
Temelde, Kolon donati filiz boyu.....cm.= 50
Mut. temel min. etriye capi.....ϕ..= 8
Mut. temel min. duz ve pilye capi.....ϕ..= 12
Mut. temel min. montaj capi.....ϕ..= 12
Mut. temel min. govde capi.....ϕ..= 10
Temel min. ampatman capi.....ϕ..= 12
Ampatman kenar yuksekligi.(Ha).....cm.= 20

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. 21:58:09

DEPREM RAPORU
Deprem yuku eksantirisitesi : 0.050
Dinamik Analiz min. deprem yuku orani ß : 0.9
DÜKTÝLÝTE KATSAYISI : 5

DÝNAMÝK ANALÝZ BÝLGÝLERÝ
SPECTURUM BÝLGÝSÝ

T (s)	Sa (m/s²) Ao.I.S(t)
0.00	4.000
0.20	10.000
0.90	10.000
1.00	9.192
1.10	8.516
1.20	7.944
1.30	7.452
1.40	7.024
1.50	6.644
1.60	6.312
1.70	6.012
1.80	5.744
1.90	5.500
2.00	5.280
2.10	5.076
2.20	4.892
2.30	4.720
2.40	4.564
2.50	4.416
2.60	4.280
2.70	4.152
2.80	4.032
2.90	3.920
3.00	3.816
3.10	3.716
3.20	3.624
3.30	3.536
3.40	3.452
3.50	3.372
3.60	3.300
0.00	0.000
5.00	2.800

YAPI PERYODLARI

mod	Tx (s)	Ty (s)	Tθ (s)
1	2.007299	2.586922	1.578930
2	0.501104	0.493385	0.468831
3	0.295342	0.294984	0.276895
4	0.204097	0.210367	0.201757
5	0.168099	0.167040	0.162098
6	0.140726	0.149392	0.147611
7	0.114813	0.130127	0.129367

X YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0458	0.1125	0.1380	0.2051	0.1145	0.2575	0.4076
2	0.0920	0.2079	0.2367	0.3082	0.1553	0.2988	0.3686
3	0.1385	0.2901	0.2963	0.3125	0.1276	0.1622	0.0276
4	0.1914	0.3459	0.2652	0.1164	-0.0149	-0.1834	-0.4074
5	0.2457	0.3536	0.1071	-0.2284	-0.1802	-0.3465	-0.1443
6	0.3020	0.2909	-0.1500	-0.4295	-0.1364	0.0894	0.5351
7	0.3630	0.1028	-0.4268	-0.0574	0.2250	0.5172	-0.4221
8	0.4176	-0.1228	-0.3651	0.4171	0.1142	-0.5214	0.2048
9	0.4705	-0.4295	0.2327	0.1291	-0.5201	0.2783	-0.0567
10	0.5045	-0.5661	0.6027	-0.5668	0.7491	-0.1991	0.0254
M %	78.15	12.20	2.94	2.28	0.45	1.00	1.34 = 98.36

ΣMxr=Σ[(Σm.Φ)²/Mr]= 1350.07 > 0.90 x Σm= 1235.37 (t) Dinamik kutle orani yeterli.

Y YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0319	0.0932	0.1154	0.1869	0.1373	0.1937	0.3609
2	0.0774	0.1980	0.2236	0.3070	0.1895	0.2320	0.3449
3	0.1245	0.2948	0.3023	0.3449	0.1632	0.1514	0.1023
4	0.1813	0.3619	0.2776	0.1353	-0.0453	-0.1512	-0.3610
5	0.2387	0.3780	0.1127	-0.2375	-0.2448	-0.2761	-0.2032
6	0.2976	0.3104	-0.1771	-0.4486	-0.0841	0.1476	0.5454
7	0.3600	0.1060	-0.4511	-0.0002	0.3634	0.3312	-0.4406
8	0.4182	-0.1373	-0.3296	0.4498	-0.0882	-0.4843	0.2456
9	0.4750	-0.4167	0.2484	0.0500	-0.4259	0.4570	-0.1055
10	0.5185	-0.5397	0.5920	-0.5206	0.7269	-0.4601	0.0749
M %	75.65	13.25	2.76	2.69	0.70	0.86	1.46 = 97.37

ΣMyr=Σ[(Σm.Φ)²/Mr]= 1336.60 > 0.90 x Σm= 1235.37 (t) Dinamik kutle orani yeterli.

BURULMA DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0446	0.1119	0.1265	0.1856	0.1072	0.1992	0.4665
2	0.0874	0.2112	0.2142	0.2701	0.1272	0.2075	0.3713
3	0.1315	0.3046	0.2800	0.3002	0.1076	0.1377	0.0932
4	0.1831	0.3575	0.2431	0.1181	-0.0219	-0.1066	-0.3370
5	0.2376	0.3591	0.0793	-0.2065	-0.1554	-0.2446	-0.2303
6	0.2967	0.2795	-0.1951	-0.3985	-0.0669	0.0744	0.5066
7	0.3650	0.0587	-0.4198	0.0417	0.2477	0.3343	-0.3933
8	0.4223	-0.1846	-0.2441	0.4125	-0.0752	-0.4276	0.2108
9	0.4729	-0.4339	0.3294	-0.0645	-0.2594	0.3523	-0.0796
10	0.5099	-0.5379	0.6418	-0.6410	0.8029	-0.6348	0.0845

YAPI BURULMA KUTLE ATALET MOMENTI Jmass=(Ix+Iy)/A

Kat	A (m²)	Ix (m4)	Iy (m4)	Xg (m)	Yg (m)	Jmass (m²)
1	133.63	677.53	3960.92	9.12	3.78	34.71

2	55.20	294.40	219.01	14.70	4.00	9.30
3	138.96	685.53	4442.29	9.49	3.79	36.90
4	138.96	685.53	4442.29	9.49	3.79	36.90
5	138.96	685.53	4442.29	9.49	3.79	36.90
6	138.96	685.53	4442.29	9.49	3.79	36.90
7	138.96	685.53	4442.29	9.49	3.79	36.90
8	138.96	685.53	4442.29	9.49	3.79	36.90
9	138.96	685.53	4442.29	9.49	3.79	36.90
10	87.94	426.60	1234.01	9.01	3.66	18.88

KAT ve DEPREM KUVVETLERI (t)
Deprem tepe yuku Ftx= 20.30 Fty= 21.36 (t)

								X YÖNÜ			Y YÖNÜ			
Kat no	H (m)	Wg	Wq	Xg (m)	Xr (m)	Yg (m)	Yr (m)	Dinamik Analiz	Esdeger dep.yön.	Minimum Dep.yükü	Dinamik Analiz	Esdeger dep.yön.	Minimum Dep.yükü	Kat tipi
1	2.50	141.07	34.33	9.09	10.20	3.74	4.26	3.650	2.387	4.001	3.033	1.857	3.302	NORMAL
2	5.00	76.67	13.72	13.35	10.03	3.94	4.14	3.315	2.548	3.634	2.998	1.982	3.265	NORMAL
3	7.50	149.99	32.51	9.38	9.95	3.84	4.21	8.603	7.559	9.429	7.647	5.879	8.327	NORMAL
4	10.40	150.28	32.50	9.37	9.82	3.84	4.07	10.137	10.500	11.110	8.615	8.167	9.381	NORMAL
5	13.30	148.39	32.55	9.38	10.28	3.83	4.09	10.938	13.270	11.988	8.333	10.322	9.074	NORMAL
6	16.20	146.68	32.58	9.38	10.66	3.83	4.37	11.797	15.990	12.929	8.056	12.437	8.773	NORMAL
7	19.10	145.06	32.58	9.35	10.07	3.83	3.99	14.538	18.657	15.933	10.518	14.511	11.454	NORMAL
8	22.00	145.06	32.58	9.35	10.07	3.83	3.99	18.640	21.490	20.429	15.261	16.715	16.619	NORMAL
9	24.90	126.96	32.60	9.29	10.01	3.81	4.24	23.716	21.481	25.992	20.854	16.707	22.709	NORMAL
10	27.40	55.68	13.41	9.07	9.75	3.93	4.13	13.333	30.625	14.613	12.180	29.388	13.263	NORMAL
					Toplam yapi			118.667	144.508	130.057	97.494	117.965	106.169	GENEL

Vt=W.A(t)/Ra(t)> 0,10. Ao.I.W 144.51 , 117.97 > 54.91
X Deprem kontrol: 0.90 x 144.508 = 130.057 > 118.667 >>> 130.057
Y Deprem kontrol: 0.90 x 117.965 = 106.169 > 97.494 >>> 106.169

Rüzgar kuvvetleri (t)

Kat no	X-yönü F	X-yönü ey m	Y-yönü F	Y-yönü ex m
1	1.200	9.075	2.723	4.000
2	1.200	14.700	1.035	4.000
3	1.200	9.725	2.918	4.000
4	2.227	9.725	5.415	4.000
5	2.227	9.725	5.415	4.000
6	2.227	9.725	5.415	4.000
7	2.227	9.725	5.415	4.000
8	3.062	9.725	7.445	4.000
9	3.062	9.725	7.445	4.000
10	2.640	8.975	4.076	4.000

Kat Deprem deplasmanlari

	X YÖNÜ				Y YÖNÜ			
Kat	9. yükleme		10. yükleme		11. yükleme		12. yükleme	
no	δx (m)	θz (rad)	δx (m)	θz (rad)	δy (m)	θz (rad)	δy (m)	θz (rad)
1	-.0161501	-.0001164	-.0160247	0.0001041	-.0154829	0.0005612	-.0162048	0.0009694
2	-.0323991	-.0002613	-.0321571	0.0001698	-.0373745	0.0012615	-.0393310	0.0020602
3	-.0487437	-.0004151	-.0483747	0.0002310	-.0600531	0.0019603	-.0632796	0.0031594
4	-.0672632	-.0006370	-.0667705	0.0002598	-.0872497	0.0025922	-.0919461	0.0042563
5	-.0862186	-.0008415	-.0856154	0.0003192	-.1147362	0.0031933	-.1207028	0.0053443
6	-.1059205	-.0010856	-.1051731	0.0003626	-.1429508	0.0038050	-.1500954	0.0064866
7	-.1276555	-.0012752	-.1268283	0.0005162	-.1733486	0.0043581	-.1817918	0.0076785
8	-.1475810	-.0014523	-.1466775	0.0006412	-.2023148	0.0049369	-.2120679	0.0088240
9	-.1677571	-.0015381	-.1667762	0.0008456	-.2312741	0.0055014	-.2423359	0.0099268
10	-.1807059	-.0019133	-.1796761	0.0007079	-.2532305	0.0062824	-.2656538	0.0111089

Deprem yapi salinimi: x= 0.00660 y= 0.00924

DEPREM PERDELERI TABAN MOMENT KONTROLU
Perde taban momenti

Perde	Mx	ΣMxk	=	ΣMxr	My	ΣMyk	=	ΣMyr	kat	kat deprem momenti (tm) Fx	Fx . H	Fy	Fy . H	
									1	4.00	10.00	3.30	8.26	
									2	3.63	18.17	3.26	16.32	
									3	9.43	70.72	8.33	62.45	
									4	11.11	115.54	9.38	97.56	
									5	11.99	159.44	9.07	120.69	
									6	12.93	209.45	8.77	142.12	
									7	15.93	304.32	11.45	218.77	
									8	20.43	449.43	16.62	365.62	
									9	25.99	647.20	22.71	565.47	
									10	14.61	400.40	13.26	363.42	
TOPLAM	0.00			0.00	0.00			0.00			2384.67		1960.68	

X yonu αm = 0.00 / 2384.67 = 0.00
Y yonu αm = 0.00 / 1960.68 = 0.00
Toplam 19 kolondan, 0 adedi perde olarak kullanilmistir.

YUKSEK SUNEKLI YAPILARDA; R=8 olmalidir.
NORMAL SUNEKLI YAPILARDA; R=4 olmalidir.

DEPREMDE YAPI DUZENSIZLIKLERININ KONTROLU
A1,B2 duzensizliklerinin kontrolu
X YÖNÜ max(di/hi)=0.0035, 0.02/R = 0.0040
1. kat X dust = 0.0161501 + 0.0001164 x (0.10 - 4.26)= 0.0161616 (S 117)
1. kat X dalt = 0.0161501 + 0.0001164 x (7.85 - 4.26)= 0.0152073 (S 103)
2. kat X dust = 0.0323991 + 0.0002613 x (0.10 - 4.14) - 0.0161616 = 0.0156462
2. kat X dalt = 0.0323991 + 0.0002613 x (7.85 - 4.14) - 0.0152073 = 0.0158966

Kat	X dust(m)	X dalt(m)	X ort	nbi	nki	X dep/h	θi	kat tipi
1	0.0161616	0.0152073	0.0156845	1.03	0.99	0.00646	0.06621	Normal kat
2	0.0156462	0.0158966	0.0157714	1.01	0.99	0.00636	0.06112	Normal kat
3	0.0157231	0.0159889	0.0158560	1.01	0.88	0.00640	0.05909	Normal kat
4	0.0176066	0.0182895	0.0179481	1.02	0.98	0.00631	0.05372	Normal kat
5	0.0181428	0.0186177	0.0183802	1.01	0.96	0.00642	0.05105	Normal kat
6	0.0187276	0.0193921	0.0190598	1.02	0.91	0.00669	0.04844	Normal kat
7	0.0209244	0.0211135	0.0210189	1.00	1.09	0.00728	0.04766	Normal kat
8	0.0192365	0.0193602	0.0192984	1.00	0.99	0.00668	0.03830	Normal kat
9	0.0198425	0.0192989	0.0195707	1.01	1.58	0.00684	0.03265	Normal kat
10	0.0113959	0.0134043	0.0124001	1.08	0.00	0.00536	0.02026	Normal kat

Y YÖNÜ

Kat	Y dsol(m)	Y dsag(m)	Y ort	nbi	nki	Y dep/h	θi	kat tipi
1	0.0211252	0.0111063	0.0161158	1.31	0.72	0.00845	0.08334	Normal kat
2	0.0287165	0.0162150	0.0224657	1.28	0.97	0.01149	0.10669	Normal kat
3	0.0294158	0.0169224	0.0231691	1.27	0.84	0.01177	0.10612	Normal kat
4	0.0330715	0.0217765	0.0274240	1.21	0.93	0.01140	0.10161	Normal kat
5	0.0347817	0.0240049	0.0293933	1.18	0.97	0.01199	0.10158	Normal kat
6	0.0358912	0.0249094	0.0304003	1.18	1.06	0.01238	0.09538	Normal kat
7	0.0336720	0.0237436	0.0287078	1.17	0.97	0.01161	0.07823	Normal kat
8	0.0347395	0.0243488	0.0295441	1.18	1.01	0.01198	0.06805	Normal kat
9	0.0342273	0.0240934	0.0291604	1.17	1.38	0.01180	0.05491	Normal kat
10	0.0252782	0.0170014	0.0211398	1.20	0.00	0.01011	0.03806	Normal kat

TDY 6.3.2.1 A1 burulma duzensizligi: 1.2< nbi= 1.311 <2 , dinamik analizle cozulmustur
TDY 6.3.2.1 B2 duzensizligi saglanmamasi nedeniyle dinamik analizle cozulmustur
TDY 6.20 kosulu saglanmamaktadir. 0.0124 > 0.0035
TDY 6.21 kosulu saglanmaktadir. max θi= .1067 < 0.12

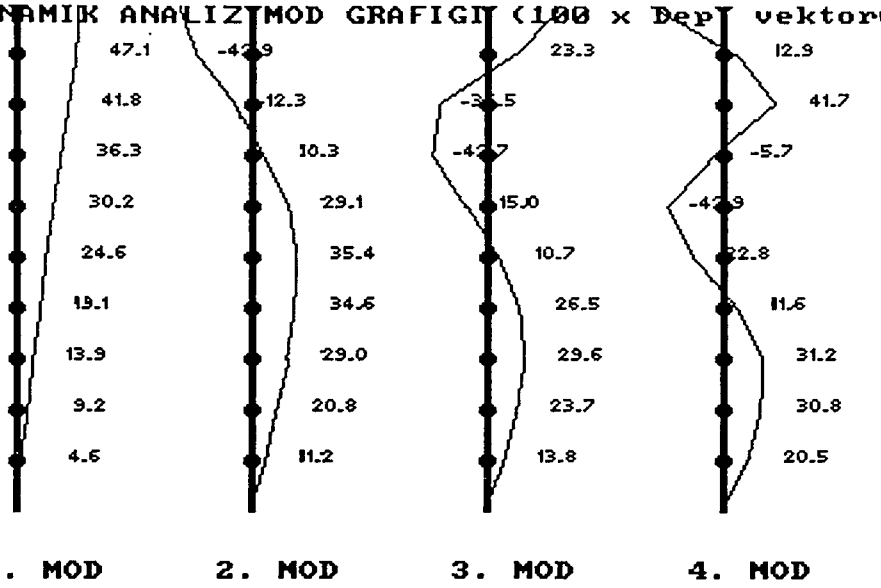
B1-Dusey dogrultudaki duzensizliklerinin kontrolu

Kat	Aw	Agx	Agy	ΣAex	ΣAey	ncix	nciy	ACIKLAMA
1	3.23	0.00	0.00	3.23	3.23	1.09	1.09	Duzenli
2	2.97	0.00	0.00	2.97	2.97	1.10	1.10	Duzenli
3	2.69	0.00	0.00	2.69	2.69	1.19	1.19	Duzenli
4	2.27	0.00	0.00	2.27	2.27	1.20	1.20	Duzenli
5	1.88	0.00	0.00	1.88	1.88	1.23	1.23	Duzenli
6	1.53	0.00	0.00	1.53	1.53	1.32	1.32	Duzenli
7	1.16	0.00	0.00	1.16	1.16	1.00	1.00	Duzenli
8	1.16	0.00	0.00	1.16	1.16	1.31	1.31	Duzenli
9	0.89	0.00	0.00	0.89	0.89	1.59	1.59	Duzenli
10	0.56	0.00	0.00	0.56	0.56	1.00	1.00	ust kat

A4 duzensizligi bulunmamistir.

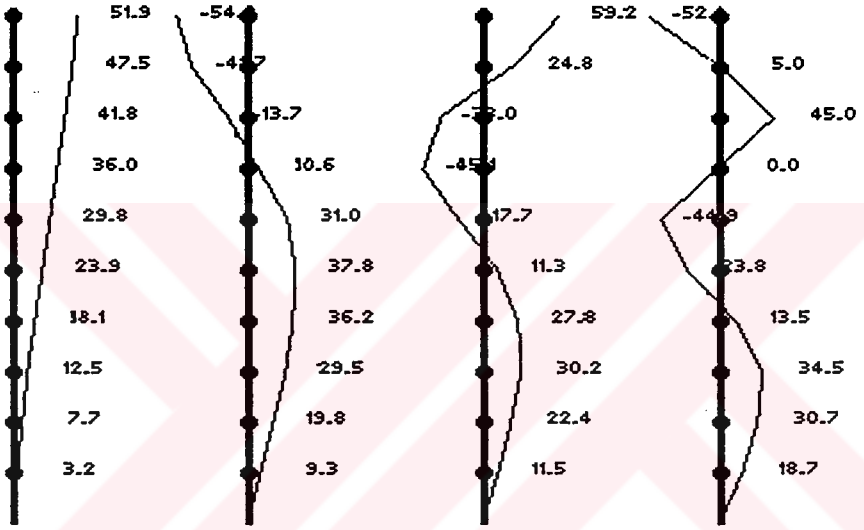
DINAMIK ANALIZ MOD GRAFIGI (100 x Dep vektoru)

X yonu



1. MOD 2. MOD 3. MOD 4. MOD

Y yonu



1. MOD 2. MOD 3. MOD 4. MOD

DÖPtEME PtERÝT BÝLGÝLERÝ

YÖN	DÖPtEME PtERÝTÝ
X	-D101-D109-
X	-D107-D108-
X	-D110-D106-D107-D108-
Y	-D104-D102-
Y	-D105-D106-
X	-D201-D204-
X	-D202-D203-
X	-D301-D309-D311
X	-D307-D308-
X	-D310-D306-D307-D308-
Y	-D304-D302-
Y	-D305-D306-
X	-D401-D409-D411
X	-D407-D408-
X	-D410-D406-D407-D408-
Y	-D404-D402-
Y	-D405-D406-
X	-D501-D509-D511
X	-D507-D508-
X	-D510-D506-D507-D508-
Y	-D504-D502-
Y	-D505-D506-
X	-D601-D609-D611
X	-D607-D608-
X	-D610-D606-D607-D608-
Y	-D604-D602-
Y	-D605-D606-
X	-D701-D709-D711
X	-D707-D708-
X	-D710-D706-D707-D708-
Y	-D704-D702-
Y	-D705-D706-
X	-D801-D809-D811
X	-D807-D808-
X	-D810-D806-D807-D808-
Y	-D804-D802-
Y	-D805-D806-
X	-D901-D909-D911
X	-D907-D908-
X	-D910-D906-D907-D908-
Y	-D904-D902-
Y	-D905-D906-
X	-D1001-D1008
X	D1003-D1004-D1005-D1007-D1008
X	D1003-D1002-
X	-D1006-D1007-D1008
X	-D1010-D1006-D1007-D1008
Y	-D1004-D1002-
Y	-D1005-D1006-

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

DÖPtEME BÝLGÝLERÝ

Döfeme	Sol Aks	Sag Aks	Ust Aks	Alt Aks	yön	d(cm)	bo	bt	g (t/m²)	q (t/m²)	gx (t/m²)	gy (t/m²)	qx (t/m²)	qy (t/m²)
DB01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
DB02	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
DB03	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.350	.516	0.000	.350	0.000
DB04	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DB05	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DB06	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
DB07	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DB08	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DB09	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DB10	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
DZ01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
DZ02	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.350	.516	0.000	.350	0.000
DZ03	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DZ04	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
DA02	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
DA03	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA04	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DA05	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DA06	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
DA07	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA08	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA09	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA10	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
DA11	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.462	.500	.462	0.000	.500	0.000
D101	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D102	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D103	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D104	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D105	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D106	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D107	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D108	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D109	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D110	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D111	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D201	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D202	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D203	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D204	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D205	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D206	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D207	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D208	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D209	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D210	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D211	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D301	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D302	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D303	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D304	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D305	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D306	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D307	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D308	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D309	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D310	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D311	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D401	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D402	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D403	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D404	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D405	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D406	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D407	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D408	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D409	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D410	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D411	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D501	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D502	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D503	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D504	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D505	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D506	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D507	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D508	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D509	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D510	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D511	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D601	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D602	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D603	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D604	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D605	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D606	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D607	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D608	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D609	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D610	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D611	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
DÇ01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.399	.150	.060	.339	.022	.128
DÇ02	2X	3X	4Y	6Y	PLAK	10.	0.	0.	.399	.150	.161	.238	.060	.090
DÇ03	9X	2X	1Y	6Y	PLAK	10.	0.	0.	.399	.150	.399	0.000	.150	0.000
DÇ04	2X	3X	1Y	4Y	PLAK	10.	0.	0.	.399	.150	.351	.048	.132	.018
DÇ05	3X	4X	1Y	2Y	PLAK	10.	0.	0.	.399	.150	.123	.276	.046	.104
DÇ06	7X	4X	2Y	5Y	PLAK	10.	0.	0.	.399	.150	.193	.206	.073	.077
DÇ07	4X	5X	1Y	5Y	PLAK	10.	0.	0.	.399	.150	.386	.013	.145	.005
DÇ08	5X	10X	1Y	6Y	PLAK	10.	0.	0.	.399	.150	.399	0.000	.150	0.000
DÇ10	3X	7X	2Y	4Y	PLAK	10.	0.	0.	.399	.150	.283	.116	.106	.044

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

DÖPtEME STATÝK HESAP SONUÇLARI

			X - yönü momentleri (tm)							Y - yönü momentleri (tm)						
			mesnet				mesnet			mesnet				mesnet		
no	Lx (m)	Ly (m)	gGg	qGq	gQg	açiklik	gGg	qGq	gQg	gGg	qGq	gQg	açiklik	gGg	qGq	gQg
DB01	3.21	2.00	0.00	0.00	0.00	.18	-.44	-.40	-.33	0.00	0.00	0.00	.35	0.00	0.00	0.00
DB02	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
DB03	3.39	7.77	0.00	0.00	0.00	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DB04	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
DB05	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
DB06	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
DB07	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DB08	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DB09	3.69	3.99	.44	.40	.33	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DB10	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
DZ01	3.21	2.00	0.00	0.00	0.00	.18	-.44	-.40	-.33	0.00	0.00	0.00	.35	0.00	0.00	0.00
DZ02	3.20	5.77	0.00	0.00	0.00	.95	-1.71	-1.42	-1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DZ03	3.69	3.78	1.71	1.42	1.38	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DZ04	3.69	3.99	.44	.40	.33	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DA01	3.21	2.00	0.00	0.00	0.00	.19	-.39	-.35	-.31	0.00	0.00	0.00	.35	0.00	0.00	0.00
DA02	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
DA03	3.39	7.77	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DA04	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
DA05	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
DA06	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
DA07	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DA08	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DA09	3.69	3.99	.39	.35	.31	1.29	-1.45	-1.45	-.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DA10	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
DA11	1.41	4.10	1.45	1.45	.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D101	3.21	2.00	0.00	0.00	0.00	.19	-.39	-.35	-.31	0.00	0.00	0.00	.35	0.00	0.00	0.00
D102	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
D103	3.39	7.77	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D104	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
D105	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
D106	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
D107	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D108	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D109	3.69	3.99	.39	.35	.31	1.29	-1.44	-1.44	-.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D110	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
D111	1.41	4.10	1.44	1.44	.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D201	3.21	2.00	0.00	0.00	0.00	.19	-.39	-.35	-.31	0.00	0.00	0.00	.35	0.00	0.00	0.00
D202	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
D203	3.39	7.77	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D204	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
D205	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
D206	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
D207	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D208	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D209	3.69	3.99	.39	.35	.31	1.29	-1.44	-1.44	-.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D210	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
D211	1.41	4.10	1.44	1.44	.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D301	3.21	2.00	0.00	0.00	0.00	.19	-.39	-.35	-.31	0.00	0.00	0.00	.35	0.00	0.00	0.00
D302	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
D303	3.39	7.77	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D304	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
D305	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
D306	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
D307	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D308	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D309	3.69	3.99	.39	.35	.31	1.29	-1.44	-1.44	-.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D310	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
D311	1.41	4.10	1.44	1.44	.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D401	3.21	2.00	0.00	0.00	0.00	.19	-.39	-.35	-.31	0.00	0.00	0.00	.35	0.00	0.00	0.00
D402	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
D403	3.39	7.77	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D404	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
D405	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
D406	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
D407	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D408	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D409	3.69	3.99	.39	.35	.31	1.29	-1.44	-1.44	-.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D410	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
D411	1.41	4.10	1.44	1.44	.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D501	3.21	2.00	0.00	0.00	0.00	.19	-.39	-.35	-.31	0.00	0.00	0.00	.35	0.00	0.00	0.00
D502	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
D503	3.39	7.77	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D504	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
D505	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
D506	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
D507	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D508	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D509	3.69	3.99	.39	.35	.31	1.29	-1.44	-1.44	-.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D510	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
D511	1.41	4.10	1.44	1.44	.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D601	3.21	2.00	0.00	0.00	0.00	.19	-.39	-.35	-.31	0.00	0.00	0.00	.35	0.00	0.00	0.00
D602	2.80	3.20	0.00	0.00	0.00	.47	0.00	0.00	0.00	1.05	.66	.98	.57	0.00	0.00	0.00
D603	3.39	7.77	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D604	2.20	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	-1.05	-.66	-.98
D605	5.45	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	-.60	-.38	-.56
D606	3.14	2.39	.21	.10	.21	.39	-.50	-.29	-.47	.60	.38	.56	.33	0.00	0.00	0.00
D607	3.20	5.77	.89	.89	.62	.58	-1.45	-1.21	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D608	3.69	3.78	1.45	1.21	1.32	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D609	3.69	3.99	.39	.35	.31	1.29	-1.44	-1.44	-.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D610	2.20	.64	0.00	0.00	0.00	0.00	-.21	-.10	-.21	0.00	0.00	0.00	.05	0.00	0.00	0.00
D611	1.41	4.10	1.44	1.44	.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DÇ01	3.11	2.01	0.00	0.00	0.00	.03	-.32	-.23	-.32	0.00	0.00	0.00	.34	0.00	0.00	0.00
DÇ02	2.80	3.20	.32	.32	.23	.20	0.00	0.00	0.00	.40	.33	.36	.45	0.00	0.00	0.00
DÇ03	.90	8.00	0.00	0.00	0.00	0.00	-.32	-.32	-.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DÇ04	2.80	4.60	.32	.32	.23	.40	-.43	-.39	-.35	0.00	0.00	0.00	.09	-.40	-.33	-.36
DÇ05	4.65	3.20	.43	.39	.35	.24	-.57	-.48	-.50	0.00	0.00	0.00	.49	-.55	-.50	-.43
DÇ06	3.14	2.60	.32	.32	.22	.16	-.58	-.55	-.56	.55	.50	.43	.13	0.00	0.00	0.00
DÇ07	3.10	5.79	.58	.55	.56	.56	-.32	-.32	-.32	0.00	0.00	0.00	.11	0.00	0.00	0.00
DÇ08	.90	8.00	.32	.32	.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DÇ10	1.40	1.39	0.00	0.00	0.00	.10	-.17	-.08	-.21	0.00	0.00	0.00	.06	0.00	0.00	0.00

FýRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KýRýPt YÜK BýLGýLERý

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
KB01	.35	3.60	1.03	1.03	.40	.40	DB09
KB05	0.00	4.15	.83	.83	.32	.32	DB05
KB08	.20	2.88	.98	.98	.66	.66	DB03
KB11	0.00	1.40	0.00	.62	0.00	.49	DB02
KB12	0.00	1.40	0.00	.62	0.00	.49	DB02
KB12	1.40	.40	.62	.62	.49	.49	DB02
KB13	0.00	1.00	0.00	.46	0.00	.20	DB01
KB13	1.90	1.00	.46	0.00	.20	0.00	DB01
KB15	1.30	1.40	0.00	.65	0.00	.49	DB06
KB15	3.25	1.05	.65	.16	.49	.12	DB06
KB16	1.00	.65	.46	.16	.20	.07	DB01
KB17	0.00	2.80	.98	.98	.66	.66	DB03
KB17	1.80	1.00	.62	.18	.49	.14	DB02
KB18	1.00	.90	.46	.46	.20	.20	DB01
KB20	0.00	2.40	1.24	1.24	.48	.48	DB04
KB20	1.40	1.00	.62	.18	.49	.14	DB02
KB21	3.20	0.00	2.82	sol uc	.61		KB27
KB22	4.28	.18	.24	.16	.11	.07	DB10
KB23	.30	1.85	.75	.75	.29	.29	DB07
KB24	.30	2.90	.75	.75	.29	.29	DB07
KB25	.35	3.40	1.03	1.03	.40	.40	DB08
KB26	.40	3.55	1.03	1.03	.40	.40	DB09
KB26	2.25	1.00	0.00	.46	0.00	.20	DB01
KB27	2.80	3.90	.83	.83	.32	.32	DB05
KB27	3.38	.78	.24	.24	.11	.11	DB10
KB27	5.50	.55	.65	.65	.49	.49	DB06
KB28	0.00	.52	0.00	.24	0.00	.11	DB10
KB29	0.00	1.20	.55	0.00	.42	0.00	DB06
KZ02	.30	3.45	1.03	1.03	.40	.40	DZ03
KZ05	1.00	.90	.46	.46	.20	.20	DZ01
KZ07	0.00	1.00	0.00	.46	0.00	.20	DZ01
KZ08	0.00	1.00	0.00	.46	0.00	.20	DZ01
KZ08	1.90	1.00	.46	0.00	.20	0.00	DZ01
KZ11	.30	2.90	.75	.75	.51	.51	DZ02
KZ12	.30	3.45	1.03	1.03	.40	.40	DZ03
KZ13	.40	3.55	1.03	1.03	.40	.40	DZ04
KZ13	2.25	1.00	0.00	.46	0.00	.20	DZ01
KA01	.30	3.70	1.03	1.03	.40	.40	DA09
KA02	.30	3.45	1.03	1.03	.40	.40	DA08
KA05	0.00	4.25	.83	.83	.32	.32	DA05
KA08	.20	2.88	.98	.98	.38	.38	DA03
KA11	0.00	1.40	0.00	.62	0.00	.49	DA02
KA12	0.00	1.40	0.00	.62	0.00	.49	DA02
KA12	1.40	.40	.62	.62	.49	.49	DA02
KA13	0.00	1.00	0.00	.46	0.00	.20	DA01
KA13	1.90	1.00	.46	0.00	.20	0.00	DA01
KA15	1.30	1.40	0.00	.65	0.00	.49	DA06
KA15	3.25	1.10	.65	.14	.49	.10	DA06
KA16	1.00	.70	.46	.14	.20	.06	DA01
KA17	0.00	2.80	.98	.98	.38	.38	DA03
KA17	1.80	1.00	.62	.18	.49	.14	DA02
KA18	1.00	.90	.46	.46	.20	.20	DA01
KA20	0.00	1.40	0.00	.62	0.00	.49	DA02
KA20	1.40	1.05	.62	.15	.49	.12	DA02
KA21	3.20	0.00	2.93	sol uc	.65		KA27
KA22	4.28	.18	.24	.16	.11	.07	DA10
KA23	.30	1.90	.75	.75	.29	.29	DA07
KA24	.30	2.90	.75	.75	.29	.29	DA07
KA25	.30	3.45	1.03	1.03	.40	.40	DA08
KA26	.40	3.55	1.03	1.03	.40	.40	DA09
KA26	2.25	1.00	0.00	.46	0.00	.20	DA01
KA27	2.80	4.05	.83	.83	.32	.32	DA05
KA27	3.38	.78	.24	.24	.11	.11	DA10
KA27	5.50	.55	.65	.65	.49	.49	DA06
KA28	0.00	.52	0.00	.24	0.00	.11	DA10
KA29	0.00	1.20	.55	0.00	.42	0.00	DA06
K101	.30	2.10	.60	.60	.65	.65	D111
K102	2.05	1.70	.60	.60	.65	.65	D111
K106	0.00	2.45	1.24	1.24	.48	.48	D104
K109	.17	4.38	.98	.98	.38	.38	D103
K111	1.40	1.15	.62	.11	.49	.09	D102
K112	1.20	0.00	1.99	sol uc	.36		K115
K112	1.80	1.10	.62	.13	.49	.10	D102
K113	1.00	.90	.46	.46	.20	.20	D101
K115	1.30	0.00	.28	sag uc	.08		K129
K115	2.70	.55	.65	.65	.49	.49	D106
K116	0.00	1.00	0.00	.46	0.00	.20	D101
K117	0.00	1.40	0.00	.62	0.00	.49	D102
K117	1.40	.40	.62	.62	.49	.49	D102
K118	0.00	1.00	0.00	.46	0.00	.20	D101
K118	1.90	1.00	.46	0.00	.20	0.00	D101
K120	0.00	2.50	1.24	1.24	.48	.48	D104
K121	.25	4.25	.98	.98	.38	.38	D103
K122	3.75	.53	0.00	.24	0.00	.11	D110
K123	.30	1.10	.14	.65	.10	.49	D106
K123	1.40	.90	.65	.23	.49	.17	D106
K125	.30	3.45	.75	.75	.29	.29	D107
K126	.35	1.90	.75	.75	.29	.29	D107
K126	2.25	0.00	1.48	sag uc	.19		K118
K126	3.25	.70	.46	.14	.20	.06	D101
K127	2.85	.53	0.00	.24	0.00	.11	D110
K127	4.10	1.40	.37	.65	.28	.49	D106
K127	6.05	.90	.65	.23	.49	.17	D106
K128	.53	.78	.24	.24	.11	.11	D110
K201	.30	3.75	1.03	1.03	.40	.40	D209
K202	.25	3.50	1.03	1.03	.40	.40	D208
K205	0.00	4.25	.83	.83	.32	.32	D205
K208	.20	2.88	.98	.98	.38	.38	D203
K211	0.00	1.40	0.00	.62	0.00	.49	D202
K212	0.00	1.40	0.00	.62	0.00	.49	D202
K212	1.40	.40	.62	.62	.49	.49	D202
K213	0.00	1.00	0.00	.46	0.00	.20	D201
K213	1.90	1.00	.46	0.00	.20	0.00	D201
K215	1.30	1.40	0.00	.65	0.00	.49	D206
K215	3.25	1.10	.65	.14	.49	.10	D206
K216	1.00	.75	.46	.11	.20	.05	D201
K217	0.00	2.85	.98	.98	.38	.38	D203
K217	1.80	1.05	.62	.15	.49	.12	D202
K218	1.00	.90	.46	.46	.20	.20	D201
K220	0.00	1.40	0.00	.62	0.00	.49	D202
K220	1.40	1.10	.62	.13	.49	.10	D202
K221	3.20	0.00	3.08	sol uc	.70		K227
K222	4.28	.23	.24	.14	.11	.06	D210
K223	.30	2.05	.75	.75	.29	.29	D207
KB02	.30	3.45	1.03	1.03	.40	.40	DB08
KB06	0.00	2.30	1.24	1.24	.48	.48	DB04
KB09	.22	4.28	.98	.98	.66	.66	DB03
KB11	1.40	1.10	.62	.13	.49	.10	DB02
KB12	1.20	0.00	1.21	sol uc	.35		KB15
KB12	1.80	1.10	.62	.13	.49	.10	DB02
KB13	1.00	.90	.46	.46	.20	.20	DB01
KB15	1.30	0.00	.28	sag uc	.08		KB29
KB15	2.70	.55	.65	.65	.49	.49	DB06
KB16	0.00	1.00	0.00	.46	0.00	.20	DB01
KB17	0.00	1.40	0.00	.62	0.00	.49	DB02
KB17	1.40	.40	.62	.62	.49	.49	DB02
KB18	0.00	1.00	0.00	.46	0.00	.20	DB01
KB18	1.90	1.00	.46	0.00	.20	0.00	DB01
KB20	0.00	1.40	0.00	.62	0.00	.49	DB02
KB21	.35	4.10	.98	.98	.66	.66	DB03
KB22	3.75	.53	0.00	.24	0.00	.11	DB10
KB23	.30	1.10	.14	.65	.10	.49	DB06
KB23	1.40	.75	.65	.30	.49	.23	DB06
KB25	.35	3.40	.75	.75	.29	.29	DB07
KB26	.40	1.85	.75	.75	.29	.29	DB07
KB26	2.25	0.00	.85	sag uc	.19		KB18
KB26	3.25	.70	.46	.14	.20	.06	DB01
KB27	2.85	.53	0.00	.24	0.00	.11	DB10
KB27	4.10	1.40	.37	.65	.28	.49	DB06
KB27	6.05	.65	.65	.35	.49	.26	DB06
KB28	.53	.78	.24	.24	.11	.11	DB10
KZ01	.35	3.60	1.03	1.03	.40	.40	DZ04
KZ05	0.00	1.00	0.00	.46	0.00	.20	DZ01
KZ05	1.90	1.00	.46	0.00	.20	0.00	DZ01
KZ07	1.00	.70	.46	.14	.20	.06	DZ01
KZ08	1.00	.90	.46	.46	.20	.20	DZ01
KZ10	.30	1.90	.75	.75	.51	.51	DZ02
KZ12	.30	3.45	.75	.75	.51	.51	DZ02
KZ13	.40	1.85	.75	.75	.51	.51	DZ02
KZ13	2.25	0.00	1.67	sag uc	.19		KZ08
KZ13	3.25	.70	.46	.14	.20	.06	DZ01
KA01	.30	2.10	.60	.60	.65	.65	DA11
KA02	2.05	1.70	.60	.60	.65	.65	DA11
KA06	0.00	2.40	1.24	1.24	.48	.48	DA04
KA09	.17	4.33	.98	.98	.38	.38	DA03
KA11	1.40	1.15	.62	.11	.49	.09	DA02
KA12	1.20	0.00	1.99	sol uc	.36		KA15
KA12	1.80	1.10	.62	.13	.49	.10	DA02
KA13	1.00	.90	.46	.46	.20	.20	DA01
KA15	1.30	0.00	.28	sag uc	.08		KA29
KA15	2.70	.55	.65	.65	.49	.49	DA06
KA16	0.00	1.00	0.00	.46	0.00	.20	DA01
KA17	0.00	1.40	0.00	.62	0.00	.49	DA02
KA17	1.40	.40	.62	.62	.49	.49	DA02
KA18	0.00	1.00	0.00	.46	0.00	.20	DA01
KA18	1.90	1.00	.46	0.00	.20	0.00	DA01
KA20	0.00	2.45	1.24	1.24	.48	.48	DA04
KA21	.30	4.15	.98	.98	.38	.38	DA03
KA22	3.75	.53	0.00	.24	0.00	.11	DA10
KA23	.30	1.10	.14	.65	.10	.49	DA06
KA23	1.40	.80	.65	.28	.49	.21	DA06
KA25	.30	3.45	.75	.75	.29	.29	DA07
KA26	.40	1.85	.75	.75	.29	.29	DA07
KA26	2.25	0.00	1.48	sag uc	.19		KA18
KA26	3.25	.70	.46	.14	.20	.06	DA01
KA27	2.85	.53	0.00	.24	0.00	.11	DA10
KA27	4.10	1.40	.37	.65	.28	.49	DA06
KA27	6.05	.80	.65	.28	.49	.21	DA06
KA28	.53	.78	.24	.24	.11	.11	DA10
K101	.30	3.75	1.03	1.03	.40	.40	D109
K102	.25	3.50	1.03	1.03	.40	.40	D108
K105	0.00	4.25	.83	.83	.32	.32	D105
K108	.20	2.88	.98	.98	.38	.38	D103
K111	0.00	1.40	0.00	.62	0.00	.49	D102
K112	0.00	1.40	0.00	.62	0.00	.49	D102
K112	1.40	.40	.62	.62	.49	.49	D102
K113	0.00	1.00	0.00	.46	0.00	.20	D101
K113	1.90	1.00	.46	0.00	.20	0.00	D101
K115	1.30	1.40	0.00	.65	0.00	.49	D106
K115	3.25	1.10	.65	.14	.49	.10	D106
K116	1.00	.70	.46	.14	.20	.06	D101
K117	0.00	2.85	.98	.98	.38	.38	D103
K117	1.80	1.05	.62	.15	.49	.12	D102
K118	1.00	.90	.46	.46	.20	.20	D101
K120	0.00	1.40	0.00	.62	0.00	.49	D102
K120	1.40	1.10	.62	.13	.49	.10	D102
K121	3.20	0.00	3.01	sol uc	.68		K127
K122	4.28	.18	.24	.16	.11	.07	D110
K123	.30	2.00	.75	.75	.29	.29	D107
K124	.25	2.95	.75	.75	.29	.29	D107
K125	.30	3.45	1.03	1.03	.40	.40	D108
K126	.35	3.60	1.03	1.03	.40	.40	D109
K126	2.25	1.00	0.00	.46	0.00	.20	D101
K127	2.80	4.15	.83	.83	.32	.32	D105
K127	3.38	.78	.24	.24	.11	.11	D110
K127	5.50	.55	.65	.65	.49	.49	D106
K128	0.00	.52	0.00	.24	0.00	.11	D110
K129	0.00	1.20	.55	0.00	.42	0.00	D106
K201	.30	2.10	.60	.60	.65	.65	D211
K202	2.05	1.70	.60	.60	.65	.65	D211
K206	0.00	2.45	1.24	1.24	.48	.48	D204
K209	.17	4.43	.98	.98	.38	.38	D203
K211	1.40	1.15	.62	.11	.49	.09	D202
K212	1.20	0.00	1.99	sol uc	.36		K215
K212	1.80	1.15	.62	.11	.49	.09	D202
K213	1.00	.90	.46	.46	.20	.20	D201
K215	1.30	0.00	.28	sag uc	.08		K229
K215	2.70	.55	.65	.65	.49	.49	D206
K216	0.00	1.00	0.00	.46	0.00	.20	D201
K217	0.00	1.40	0.00	.62	0.00	.49	D202
K217	1.40	.40	.62	.62	.49	.49	D202
K218	0.00	1.00	0.00	.46	0.00	.20	D201
K218	1.90	1.00	.46	0.00	.20	0.00	D201
K220	0.00	2.50	1.24	1.24	.48	.48	D204
K221	.25	4.30	.98	.98	.38	.38	D203
K222	3.75	.53	0.00	.24	0.00	.11	D210
K223	.30	1.10	.14	.65	.10	.49	D206
K223	1.40	.95	.65	.21	.49	.16	D206

FýRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KýRýPt YÜK BýLGýLERý

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
K226	.35	3.60	1.03	1.03	.40	.40	D209
K226	2.25	1.00	0.00	.46	0.00	.20	D201
K227	2.80	4.25	.83	.83	.32	.32	D205
K227	3.38	.78	.24	.24	.11	.11	D210
K227	5.50	.55	.65	.65	.49	.49	D206
K228	0.00	.52	0.00	.24	0.00	.11	D210
K229	0.00	1.20	.55	0.00	.42	0.00	D206
K301	.30	2.10	.60	.60	.65	.65	D311
K302	2.05	1.70	.60	.60	.65	.65	D311
K306	0.00	2.45	1.24	1.24	.48	.48	D304
K309	.08	4.53	.98	.98	.38	.38	D303
K311	1.40	1.20	.62	.09	.49	.07	D302
K312	1.20	0.00	1.99	sol uc	.36		K315
K312	1.80	1.15	.62	.11	.49	.09	D302
K313	1.00	.90	.46	.46	.20	.20	D301
K315	1.30	0.00	.28	sag uc	.08		K329
K315	2.70	.55	.65	.65	.49	.49	D306
K316	0.00	1.00	0.00	.46	0.00	.20	D301
K317	0.00	1.40	0.00	.62	0.00	.49	D302
K317	1.40	.40	.62	.62	.49	.49	D302
K318	0.00	1.00	0.00	.46	0.00	.20	D301
K318	1.90	1.00	.46	0.00	.20	0.00	D301
K320	0.00	2.55	1.24	1.24	.48	.48	D304
K321	.20	4.35	.98	.98	.38	.38	D303
K322	3.75	.53	0.00	.24	0.00	.11	D310
K323	.30	1.10	.14	.65	.10	.49	D306
K323	1.40	1.05	.65	.16	.49	.12	D306
K325	.30	3.45	.75	.75	.29	.29	D307
K326	.30	1.95	.75	.75	.29	.29	D307
K326	2.25	0.00	1.48	sag uc	.19		K318
K326	3.25	.70	.46	.14	.20	.06	D301
K327	2.85	.53	0.00	.24	0.00	.11	D310
K327	4.10	1.40	.37	.65	.28	.49	D306
K327	6.05	1.05	.65	.16	.49	.12	D306
K328	.53	.78	.24	.24	.11	.11	D310
K401	.20	3.85	1.03	1.03	.40	.40	D409
K402	.20	3.55	1.03	1.03	.40	.40	D408
K405	0.00	4.40	.83	.83	.32	.32	D405
K408	.20	2.88	.98	.98	.38	.38	D403
K411	0.00	1.40	0.00	.62	0.00	.49	D402
K412	0.00	1.40	0.00	.62	0.00	.49	D402
K412	1.40	.40	.62	.62	.49	.49	D402
K413	0.00	1.00	0.00	.46	0.00	.20	D401
K413	1.90	1.00	.46	0.00	.20	0.00	D401
K415	1.30	1.40	0.00	.65	0.00	.49	D406
K415	3.25	1.15	.65	.11	.49	.09	D406
K416	1.00	.80	.46	.09	.20	.04	D401
K417	0.00	2.95	.98	.98	.38	.38	D403
K417	1.80	1.15	.62	.11	.49	.09	D402
K418	1.00	.90	.46	.46	.20	.20	D401
K420	0.00	1.40	0.00	.62	0.00	.49	D402
K420	1.40	1.15	.62	.11	.49	.09	D402
K421	3.20	0.00	3.16	sol uc	.73		K427
K422	4.28	.28	.24	.11	.11	.05	D410
K423	.25	2.25	.75	.75	.29	.29	D407
K424	.20	3.00	.75	.75	.29	.29	D407
K425	.25	3.50	1.03	1.03	.40	.40	D408
K426	.30	3.65	1.03	1.03	.40	.40	D409
K426	2.25	1.00	0.00	.46	0.00	.20	D401
K427	2.80	4.35	.83	.83	.32	.32	D405
K427	3.38	.78	.24	.24	.11	.11	D410
K427	5.50	.55	.65	.65	.49	.49	D406
K428	0.00	.52	0.00	.24	0.00	.11	D410
K429	0.00	1.20	.55	0.00	.42	0.00	D406
K501	.20	2.20	.60	.60	.65	.65	D511
K502	2.05	1.70	.60	.60	.65	.65	D511
K506	0.00	2.55	1.24	1.24	.48	.48	D504
K509	.08	4.53	.98	.98	.38	.38	D503
K511	1.40	1.20	.62	.09	.49	.07	D502
K512	1.20	0.00	2.01	sol uc	.37		K515
K512	1.80	1.20	.62	.09	.49	.07	D502
K513	1.00	.90	.46	.46	.20	.20	D501
K515	1.30	0.00	.28	sag uc	.08		K529
K515	2.70	.55	.65	.65	.49	.49	D506
K516	0.00	1.00	0.00	.46	0.00	.20	D501
K517	0.00	1.40	0.00	.62	0.00	.49	D502
K517	1.40	.40	.62	.62	.49	.49	D502
K518	0.00	1.00	0.00	.46	0.00	.20	D501
K518	1.90	1.00	.46	0.00	.20	0.00	D501
K520	0.00	2.55	1.24	1.24	.48	.48	D504
K521	.20	4.35	.98	.98	.38	.38	D503
K522	3.75	.53	0.00	.24	0.00	.11	D510
K523	.25	1.15	.11	.65	.09	.49	D506
K523	1.40	1.10	.65	.14	.49	.10	D506
K525	.25	3.50	.75	.75	.29	.29	D507
K526	.30	1.95	.75	.75	.29	.29	D507
K526	2.25	0.00	1.48	sag uc	.19		K518
K526	3.25	.70	.46	.14	.20	.06	D501
K527	2.85	.53	0.00	.24	0.00	.11	D510
K527	4.10	1.40	.37	.65	.28	.49	D506
K527	6.05	1.10	.65	.14	.49	.10	D506
K528	.53	.78	.24	.24	.11	.11	D510
K601	.20	3.85	1.03	1.03	.40	.40	D609
K602	.20	3.55	1.03	1.03	.40	.40	D608
K605	0.00	4.45	.83	.83	.32	.32	D605
K608	.20	2.88	.98	.98	.38	.38	D603
K611	0.00	1.40	0.00	.62	0.00	.49	D602
K612	0.00	1.40	0.00	.62	0.00	.49	D602
K612	1.40	.40	.62	.62	.49	.49	D602
K613	0.00	1.00	0.00	.46	0.00	.20	D601
K613	1.90	1.00	.46	0.00	.20	0.00	D601
K615	1.30	1.40	0.00	.65	0.00	.49	D606
K615	3.25	1.15	.65	.11	.49	.09	D606
K616	1.00	.80	.46	.09	.20	.04	D601
K617	0.00	2.95	.98	.98	.38	.38	D603
K617	1.80	1.15	.62	.11	.49	.09	D602
K618	1.00	.90	.46	.46	.20	.20	D601
K620	0.00	1.40	0.00	.62	0.00	.49	D602
K620	1.40	1.20	.62	.09	.49	.07	D602
K621	3.20	0.00	3.20	sol uc	.74		K627
K622	4.28	.33	.24	.09	.11	.04	D610
K623	.20	2.30	.75	.75	.29	.29	D607
K624	.20	3.00	.75	.75	.29	.29	D607
K625	.20	3.55	1.03	1.03	.40	.40	D608

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
K226	2.25	0.00	1.48	sag uc	.19		K218
K226	3.25	.70	.46	.14	.20	.06	D201
K227	2.85	.53	0.00	.24	0.00	.11	D210
K227	4.10	1.40	.37	.65	.28	.49	D206
K227	6.05	1.00	.65	.18	.49	.14	D206
K228	.53	.78	.24	.24	.11	.11	D210
K301	.30	3.75	1.03	1.03	.40	.40	D309
K302	.25	3.50	1.03	1.03	.40	.40	D308
K305	0.00	4.35	.83	.83	.32	.32	D305
K308	.20	2.88	.98	.98	.38	.38	D303
K311	0.00	1.40	0.00	.62	0.00	.49	D302
K312	0.00	1.40	0.00	.62	0.00	.49	D302
K312	1.40	.40	.62	.62	.49	.49	D302
K313	0.00	1.00	0.00	.46	0.00	.20	D301
K313	1.90	1.00	.46	0.00	.20	0.00	D301
K315	1.30	1.40	0.00	.65	0.00	.49	D306
K315	3.25	1.10	.65	.14	.49	.10	D306
K316	1.00	.75	.46	.11	.20	.05	D301
K317	0.00	2.90	.98	.98	.38	.38	D303
K317	1.80	1.10	.62	.13	.49	.10	D302
K318	1.00	.90	.46	.46	.20	.20	D301
K320	0.00	1.40	0.00	.62	0.00	.49	D302
K320	1.40	1.15	.62	.11	.49	.09	D302
K321	3.20	0.00	3.12	sol uc	.72		K327
K322	4.28	.23	.24	.14	.11	.06	D310
K323	.30	2.15	.75	.75	.29	.29	D307
K324	.20	3.00	.75	.75	.29	.29	D307
K325	.30	3.45	1.03	1.03	.40	.40	D308
K326	.30	3.65	1.03	1.03	.40	.40	D309
K326	2.25	1.00	0.00	.46	0.00	.20	D301
K327	2.80	4.30	.83	.83	.32	.32	D305
K327	3.38	.78	.24	.24	.11	.11	D310
K327	5.50	.55	.65	.65	.49	.49	D306
K328	0.00	.52	0.00	.24	0.00	.11	D310
K329	0.00	1.20	.55	0.00	.42	0.00	D306
K401	.20	2.20	.60	.60	.65	.65	D411
K402	2.05	1.70	.60	.60	.65	.65	D411
K406	0.00	2.55	1.24	1.24	.48	.48	D404
K409	.08	4.53	.98	.98	.38	.38	D403
K411	1.40	1.20	.62	.09	.49	.07	D402
K412	1.20	0.00	2.01	sol uc	.37		K415
K412	1.80	1.20	.62	.09	.49	.07	D402
K413	1.00	.90	.46	.46	.20	.20	D401
K415	1.30	0.00	.28	sag uc	.08		K429
K415	2.70	.55	.65	.65	.49	.49	D406
K416	0.00	1.00	0.00	.46	0.00	.20	D401
K417	0.00	1.40	0.00	.62	0.00	.49	D402
K417	1.40	.40	.62	.62	.49	.49	D402
K418	0.00	1.00	0.00	.46	0.00	.20	D401
K418	1.90	1.00	.46	0.00	.20	0.00	D401
K420	0.00	2.55	1.24	1.24	.48	.48	D404
K421	.20	4.35	.98	.98	.38	.38	D403
K422	3.75	.53	0.00	.24	0.00	.11	D410
K423	.25	1.15	.11	.65	.09	.49	D406
K423	1.40	1.10	.65	.14	.49	.10	D406
K425	.25	3.50	.75	.75	.29	.29	D407
K426	.30	1.95	.75	.75	.29	.29	D407
K426	2.25	0.00	1.48	sag uc	.19		K418
K426	3.25	.70	.46	.14	.20	.06	D401
K427	2.85	.53	0.00	.24	0.00	.11	D410
K427	4.10	1.40	.37	.65	.28	.49	D406
K427	6.05	1.10	.65	.14	.49	.10	D406
K428	.53	.78	.24	.24	.11	.11	D410
K501	.20	3.85	1.03	1.03	.40	.40	D509
K502	.20	3.55	1.03	1.03	.40	.40	D508
K505	0.00	4.40	.83	.83	.32	.32	D505
K508	.20	2.88	.98	.98	.38	.38	D503
K511	0.00	1.40	0.00	.62	0.00	.49	D502
K512	0.00	1.40	0.00	.62	0.00	.49	D502
K512	1.40	.40	.62	.62	.49	.49	D502
K513	0.00	1.00	0.00	.46	0.00	.20	D501
K513	1.90	1.00	.46	0.00	.20	0.00	D501
K515	1.30	1.40	0.00	.65	0.00	.49	D506
K515	3.25	1.15	.65	.11	.49	.09	D506
K516	1.00	.80	.46	.09	.20	.04	D501
K517	0.00	2.95	.98	.98	.38	.38	D503
K517	1.80	1.15	.62	.11	.49	.09	D502
K518	1.00	.90	.46	.46	.20	.20	D501
K520	0.00	1.40	0.00	.62	0.00	.49	D502
K520	1.40	1.15	.62	.11	.49	.09	D502
K521	3.20	0.00	3.16	sol uc	.73		K527
K522	4.28	.28	.24	.11	.11	.05	D510
K523	.25	2.25	.75	.75	.29	.29	D507
K524	.20	3.00	.75	.75	.29	.29	D507
K525	.25	3.50	1.03	1.03	.40	.40	D508
K526	.30	3.65	1.03	1.03	.40	.40	D509
K526	2.25	1.00	0.00	.46	0.00	.20	D501
K527	2.80	4.35	.83	.83	.32	.32	D505
K527	3.38	.78	.24	.24	.11	.11	D510
K527	5.50	.55	.65	.65	.49	.49	D506
K528	0.00	.52	0.00	.24	0.00	.11	D510
K529	0.00	1.20	.55	0.00	.42	0.00	D506
K601	.20	2.20	.60	.60	.65	.65	D611
K602	2.05	1.70	.60	.60	.65	.65	D611
K606	0.00	2.60	1.24	1.24	.48	.48	D604
K609	.08	4.53	.98	.98	.38	.38	D603
K611	1.40	1.20	.62	.09	.49	.07	D602
K612	1.20	0.00	2.01	sol uc	.37		K615
K612	1.80	1.20	.62	.09	.49	.07	D602
K613	1.00	.90	.46	.46	.20	.20	D601
K615	1.30	0.00	.28	sag uc	.08		K629
K615	2.70	.55	.65	.65	.49	.49	D606
K616	0.00	1.00	0.00	.46	0.00	.20	D601
K617	0.00	1.40	0.00	.62	0.00	.49	D602
K617	1.40	.40	.62	.62	.49	.49	D602
K618	0.00	1.00	0.00	.46	0.00	.20	D601
K618	1.90	1.00	.46	0.00	.20	0.00	D601
K620	0.00	2.60	1.24	1.24	.48	.48	D604
K621	.20	4.40	.98	.98	.38	.38	D603
K622	3.75	.53	0.00	.24	0.00	.11	D610
K623	.20	1.20	.09	.65	.07	.49	D606
K623	1.40	1.10	.65	.14	.49	.10	D606
K625	.20	3.55	.75	.75	.29	.29	D607
K626	.30	1.95	.75	.75	.29	.29	D607

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt YÜK BÝLGÝLERÝ

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
K627	2.80	4.40	.83	.83	.32	.32	D605
K627	3.38	.78	.24	.24	.11	.11	D610
K627	5.50	.55	.65	.65	.49	.49	D606
K628	0.00	.52	0.00	.24	0.00	.11	D610
K629	0.00	1.20	.55	0.00	.42	0.00	D606
KÇ04	1.45	1.45	.58	0.00	.22	0.00	DÇ07
KÇ05	1.60	1.45	.64	.64	.24	.24	DÇ05
KÇ06	0.00	1.40	0.00	.56	0.00	.21	DÇ04
KÇ11	0.00	1.40	0.00	.56	0.00	.21	DÇ02
KÇ12	0.00	1.40	0.00	.56	0.00	.21	DÇ02
KÇ12	1.40	.40	.56	.56	.21	.21	DÇ02
KÇ13	0.00	1.00	0.00	.40	0.00	.15	DÇ01
KÇ13	1.90	1.00	.40	0.00	.15	0.00	DÇ01
KÇ15	1.30	1.40	0.00	.56	0.00	.21	DÇ06
KÇ15	3.25	1.20	.56	.08	.21	.03	DÇ06
KÇ16	1.00	.80	.40	.08	.15	.03	DÇ01
KÇ17	0.00	3.00	.40	.40	.15	.15	DÇ03
KÇ17	1.80	1.20	.56	.08	.21	.03	DÇ02
KÇ18	0.00	1.45	0.00	.58	0.00	.22	DÇ07
KÇ18	1.45	1.45	.58	0.00	.22	0.00	DÇ07
KÇ20	0.00	1.40	0.00	.56	0.00	.21	DÇ02
KÇ20	1.40	1.20	.56	.08	.21	.03	DÇ02
KÇ21	.20	4.40	.40	.40	.15	.15	DÇ03
KÇ21	1.40	2.00	.56	.56	.21	.21	DÇ04
KÇ22	.20	1.20	.08	.56	.03	.21	DÇ04
KÇ22	1.40	2.00	.56	.56	.21	.21	DÇ04
KÇ22	3.20	0.00	2.32	sol uc	.62		KÇ27
KÇ22	3.40	1.20	.56	.08	.21	.03	DÇ04
KÇ23	.20	1.20	.08	.56	.03	.21	DÇ06
KÇ23	1.35	1.25	.58	.08	.22	.03	DÇ07
KÇ24	.20	1.40	.08	.64	.03	.24	DÇ05
KÇ24	1.45	1.75	.58	.58	.22	.22	DÇ07
KÇ25	.20	1.25	.08	.58	.03	.22	DÇ07
KÇ25	1.45	2.30	.58	.58	.22	.22	DÇ07
KÇ26	.25	3.80	.40	.40	.15	.15	DÇ08
KÇ26	2.25	0.00	1.21	sag uc	.30		KÇ18
KÇ26	3.25	.80	.40	.08	.15	.03	DÇ01
KÇ27	0.00	.80	0.00	.32	0.00	.12	DÇ10
KÇ27	1.30	1.40	.32	.56	.12	.21	DÇ06
KÇ27	2.70	.55	.56	.56	.21	.21	DÇ06
KÇ27	3.25	1.20	.56	.08	.21	.03	DÇ06
KÇ28	.80	.50	.32	.32	.12	.12	DÇ10
SB01	0.00	0.00	.31		.12		DB08
SB02	0.00	0.00	.36		.14		DB09
SB04	0.00	0.00	.35		.14		DB08
SB05	0.00	0.00	.41		.16		DB09
SB05	0.00	0.00	.30		.12		DB07
SB06	0.00	0.00	.31		.12		DB09
SB07	0.00	0.00	.41		.16		DB05
SB08	0.00	0.00	.22		.09		DB07
SB08	0.00	0.00	.02		.02		DB06
SB09	0.00	0.00	.49		.19		DB07
SB09	0.00	0.00	0.00		0.00		DB01
SB09	0.00	0.00	.03		.02		DB06
SB10	0.00	0.00	0.00		0.00		DB01
SB11	0.00	0.00	0.00		0.00		DB05
SB12	0.00	0.00	.49		.19		DB04
SB12	0.00	0.00	0.00		0.00		DB02
SB13	0.00	0.00	.02		.02		DB02
SB14	0.00	0.00	0.00		0.00		DB04
SB15	0.00	0.00	.34		.23		DB03
SB15	0.00	0.00	0.00		0.00		DB02
SB16	0.00	0.00	.04		.03		DB02
SB16	0.00	0.00	0.00		0.00		DB02
SB18	0.00	0.00	.34		.23		DB03
SZ01	0.00	0.00	.31		.12		DZ03
SZ02	0.00	0.00	.36		.14		DZ04
SZ04	0.00	0.00	.22		.15		DZ02
SZ05	0.00	0.00	.41		.16		DZ04
SZ05	0.00	0.00	0.00		0.00		DZ03
SZ06	0.00	0.00	0.00		0.00		DZ01
SZ07	0.00	0.00	.22		.15		DZ02
SZ09	0.00	0.00	.45		.30		DZ02
SZ09	0.00	0.00	0.00		0.00		DZ01
SZ10	0.00	0.00	0.00		0.00		DZ01
SA02	0.00	0.00	.31		.12		DA09
SA02	0.00	0.00	0.00		0.00		DA08
SA04	0.00	0.00	.31		.12		DA08
SA05	0.00	0.00	.41		.16		DA09
SA05	0.00	0.00	.30		.12		DA07
SA06	0.00	0.00	.02		.01		DA01
SA07	0.00	0.00	.33		.13		DA05
SA08	0.00	0.00	.22		.09		DA07
SA08	0.00	0.00	.02		.02		DA06
SA09	0.00	0.00	.08		.06		DA06
SA09	0.00	0.00	0.00		0.00		DA01
SA09	0.00	0.00	.45		.17		DA07
SA10	0.00	0.00	0.00		0.00		DA01
SA11	0.00	0.00	.49		.19		DA04
SA12	0.00	0.00	0.00		0.00		DA10
SA12	0.00	0.00	.03		.02		DA02
SA13	0.00	0.00	.01		.01		DA02
SA14	0.00	0.00	.29		.11		DA03
SA15	0.00	0.00	.34		.13		DA03
SA15	0.00	0.00	0.00		0.00		DA02
SA16	0.00	0.00	0.00		0.00		DA02
SA16	0.00	0.00	.39		.15		DA03
SA18	0.00	0.00	.29		.11		DA03
S101	0.00	0.00	.26		.10		D108
S102	0.00	0.00	0.00		0.00		D108
S103	0.00	0.00	.21		.08		D109
S104	0.00	0.00	.31		.12		D108
S105	0.00	0.00	.26		.10		D107
S106	0.00	0.00	0.00		0.00		D101
S106	0.00	0.00	.31		.12		D109
S107	0.00	0.00	.33		.13		D105
S108	0.00	0.00	.22		.09		D107
S108	0.00	0.00	.02		.02		D106
S109	0.00	0.00	.06		.04		D106
S109	0.00	0.00	0.00		0.00		D101
S110	0.00	0.00	0.00		0.00		D101
S111	0.00	0.00	0.00		0.00		D105
S112	0.00	0.00	.02		.02		D102
S112	0.00	0.00	.03		.01		D110

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
K627	2.85	.53	0.00	.24	0.00	.11	D610
K627	4.10	1.40	.37	.65	.28	.49	D606
K627	6.05	1.15	.65	.11	.49	.09	D606
K628	.53	.78	.24	.24	.11	.11	D610
KÇ04	0.00	1.45	0.00	.58	0.00	.22	DÇ07
KÇ05	0.00	1.60	0.00	.64	0.00	.24	DÇ05
KÇ05	3.05	1.40	.64	.08	.24	.03	DÇ05
KÇ06	1.40	1.20	.56	.08	.21	.03	DÇ04
KÇ11	1.40	1.20	.56	.08	.21	.03	DÇ02
KÇ12	1.20	0.00	1.99	sol uc	.16		KÇ15
KÇ12	1.80	1.20	.56	.08	.21	.03	DÇ02
KÇ13	1.00	.90	.40	.40	.15	.15	DÇ01
KÇ15	1.30	0.00	.71	sag uc	.04		KÇ29
KÇ15	2.70	.55	.56	.56	.21	.21	DÇ06
KÇ16	0.00	1.00	0.00	.40	0.00	.15	DÇ01
KÇ17	0.00	1.40	0.00	.56	0.00	.21	DÇ02
KÇ17	1.40	.40	.56	.56	.21	.21	DÇ02
KÇ18	0.00	1.00	0.00	.40	0.00	.15	DÇ01
KÇ18	1.00	.90	.40	.40	.15	.15	DÇ01
KÇ18	1.90	1.00	.40	0.00	.15	0.00	DÇ01
KÇ20	0.00	1.40	0.00	.56	0.00	.21	DÇ04
KÇ20	1.40	1.20	.56	.08	.21	.03	DÇ04
KÇ21	.20	1.20	.08	.56	.03	.21	DÇ04
KÇ21	3.40	1.20	.56	.08	.21	.03	DÇ04
KÇ22	.20	1.40	.08	.64	.03	.24	DÇ05
KÇ22	1.60	1.60	.64	0.00	.24	0.00	DÇ05
KÇ22	3.20	.80	0.00	.32	0.00	.12	DÇ10
KÇ22	4.00	.60	.32	.08	.12	.03	DÇ10
KÇ23	.20	1.15	.58	.58	.22	.22	DÇ07
KÇ23	1.40	1.20	.56	.08	.21	.03	DÇ06
KÇ24	.20	1.25	.08	.58	.03	.22	DÇ07
KÇ24	1.60	1.60	.64	0.00	.24	0.00	DÇ05
KÇ25	.20	3.55	.40	.40	.15	.15	DÇ08
KÇ26	.25	.55	.58	.58	.22	.22	DÇ07
KÇ26	.80	1.45	.58	0.00	.22	0.00	DÇ07
KÇ26	2.25	1.00	0.00	.40	0.00	.15	DÇ01
KÇ27	0.00	1.60	0.00	.64	0.00	.24	DÇ05
KÇ27	.80	.50	.32	.32	.12	.12	DÇ10
KÇ27	1.60	1.45	.64	.64	.24	.24	DÇ05
KÇ27	3.05	1.40	.64	.08	.24	.03	DÇ05
KÇ28	0.00	.80	0.00	.32	0.00	.12	DÇ10
KÇ29	0.00	1.20	.48	0.00	.18	0.00	DÇ06
SB02	0.00	0.00	0.00		0.00		DB08
SB03	0.00	0.00	.31		.12		DB09
SB04	0.00	0.00	.26		.10		DB07
SB05	0.00	0.00	0.00		0.00		DB08
SB06	0.00	0.00	.02		.01		DB01
SB06	0.00	0.00	0.00		0.00		DB01
SB07	0.00	0.00	.22		.09		DB07
SB08	0.00	0.00	.62		.24		DB05
SB08	0.00	0.00	.13		.10		DB06
SB09	0.00	0.00	0.00		0.00		DB01
SB09	0.00	0.00	.10		.07		DB06
SB10	0.00	0.00	.03		.01		DB01
SB11	0.00	0.00	.62		.24		DB04
SB12	0.00	0.00	.04		.03		DB02
SB12	0.00	0.00	.03		.01		DB10
SB12	0.00	0.00	0.00		0.00		DB10
SB13	0.00	0.00	.02		.02		DB02
SB14	0.00	0.00	.34		.23		DB03
SB15	0.00	0.00	0.00		0.00		DB02
SB15	0.00	0.00	0.00		0.00		DB04
SB16	0.00	0.00	.39		.27		DB03
SB17	0.00	0.00	.20		.13		DB03
SB19	0.00	0.00	.29		.20		DB03
SZ02	0.00	0.00	0.00		0.00		DZ03
SZ03	0.00	0.00	.31		.12		DZ04
SZ04	0.00	0.00	.31		.12		DZ03
SZ05	0.00	0.00	.30		.20		DZ02
SZ06	0.00	0.00	.31		.12		DZ04
SZ06	0.00	0.00	.02		.01		DZ01
SZ08	0.00	0.00	.22		.15		DZ02
SZ09	0.00	0.00	0.00		0.00		DZ01
SZ10	0.00	0.00	.02		.01		DZ01
SA01	0.00	0.00	.31		.12		DA08
SA02	0.00	0.00	.18		.19		DA11
SA03	0.00	0.00	.26		.10		DA09
SA04	0.00	0.00	.22		.09		DA07
SA05	0.00	0.00	0.00		0.00		DA08
SA06	0.00	0.00	.31		.12		DA09
SA06	0.00	0.00	0.00		0.00		DA01
SA07	0.00	0.00	.22		.09		DA07
SA08	0.00	0.00	.08		.06		DA06
SA08	0.00	0.00	.49		.19		DA05
SA09	0.00	0.00	.02		.02		DA06
SA09	0.00	0.00	0.00		0.00		DA01
SA10	0.00	0.00	.02		.01		DA01
SA11	0.00	0.00	0.00		0.00		DA05
SA12	0.00	0.00	.03		.01		DA10
SA12	0.00	0.00	0.00		0.00		DA02
SA12	0.00	0.00	.43		.17		DA04
SA13	0.00	0.00	.02		.02		DA02
SA14	0.00	0.00	0.00		0.00		DA04
SA15	0.00	0.00	0.00		0.00		DA02
SA15	0.00	0.00	0.00		0.00		DA04
SA16	0.00	0.00	.04		.03		DA02
SA17	0.00	0.00	.20		.08		DA03
SA19	0.00	0.00	.29		.11		DA03
S102	0.00	0.00	.18		.19		D111
S102	0.00	0.00	.31		.12		D109
S104	0.00	0.00	.22		.09		D107
S105	0.00	0.00	.36		.14		D109
S105	0.00	0.00	0.00		0.00		D108
S106	0.00	0.00	.02		.01		D101
S107	0.00	0.00	.19		.07		D107
S108	0.00	0.00	.06		.04		D106
S108	0.00	0.00	.41		.16		D105
S109	0.00	0.00	.37		.14		D107
S109	0.00	0.00	0.00		0.00		D101
S109	0.00	0.00	.02		.02		D106
S110	0.00	0.00	.02		.01		D101
S111	0.00	0.00	.43		.17		D104
S112	0.00	0.00	0.00		0.00		D102
S112	0.00	0.00	.37		.14		D104

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt YÜK BÝLGÝLERÝ

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no	Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
S114	0.00	0.00	0.00		0.00		D104	S115	0.00	0.00	0.00		0.00		D102
S115	0.00	0.00	.29		.11		D103	S115	0.00	0.00	0.00		0.00		D102
S115	0.00	0.00	0.00		0.00		D104	S116	0.00	0.00	0.00		0.00		D102
S116	0.00	0.00	.34		.13		D103	S116	0.00	0.00	.03		.02		D102
S117	0.00	0.00	.20		.08		D103	S118	0.00	0.00	.29		.11		D103
S119	0.00	0.00	.24		.09		D103	S201	0.00	0.00	.26		.10		D208
S202	0.00	0.00	.18		.19		D211	S202	0.00	0.00	.31		.12		D209
S202	0.00	0.00	0.00		0.00		D208	S203	0.00	0.00	.21		.08		D209
S204	0.00	0.00	.31		.12		D208	S204	0.00	0.00	.22		.09		D207
S205	0.00	0.00	.26		.10		D207	S205	0.00	0.00	0.00		0.00		D208
S205	0.00	0.00	.36		.14		D209	S206	0.00	0.00	.02		.01		D201
S206	0.00	0.00	0.00		0.00		D201	S206	0.00	0.00	.31		.12		D209
S207	0.00	0.00	.15		.06		D207	S207	0.00	0.00	.33		.13		D205
S208	0.00	0.00	.04		.03		D206	S208	0.00	0.00	.02		.02		D206
S208	0.00	0.00	.22		.09		D207	S208	0.00	0.00	.33		.13		D205
S209	0.00	0.00	.34		.13		D207	S209	0.00	0.00	0.00		0.00		D201
S209	0.00	0.00	0.00		0.00		D201	S209	0.00	0.00	.05		.04		D206
S209	0.00	0.00	.02		.02		D206	S210	0.00	0.00	0.00		0.00		D201
S210	0.00	0.00	.01		.01		D201	S211	0.00	0.00	0.00		0.00		D205
S211	0.00	0.00	.43		.17		D204	S212	0.00	0.00	.02		.01		D210
S212	0.00	0.00	0.00		0.00		D210	S212	0.00	0.00	.37		.14		D204
S212	0.00	0.00	0.00		0.00		D202	S212	0.00	0.00	.02		.02		D202
S213	0.00	0.00	.01		.01		D202	S213	0.00	0.00	.01		.01		D202
S214	0.00	0.00	.24		.09		D203	S214	0.00	0.00	0.00		0.00		D204
S215	0.00	0.00	.25		.09		D203	S215	0.00	0.00	0.00		0.00		D202
S215	0.00	0.00	0.00		0.00		D202	S215	0.00	0.00	0.00		0.00		D204
S216	0.00	0.00	.03		.02		D202	S216	0.00	0.00	.34		.13		D203
S216	0.00	0.00	0.00		0.00		D202	S217	0.00	0.00	.20		.08		D203
S218	0.00	0.00	.29		.11		D203	S219	0.00	0.00	.20		.08		D203
S301	0.00	0.00	.26		.10		D308	S302	0.00	0.00	.31		.12		D309
S302	0.00	0.00	.18		.19		D311	S302	0.00	0.00	0.00		0.00		D308
S303	0.00	0.00	.21		.08		D309	S304	0.00	0.00	.22		.09		D307
S304	0.00	0.00	.31		.12		D308	S305	0.00	0.00	.22		.09		D307
S305	0.00	0.00	0.00		0.00		D308	S305	0.00	0.00	.31		.12		D309
S306	0.00	0.00	.02		.01		D301	S306	0.00	0.00	0.00		0.00		D301
S306	0.00	0.00	.31		.12		D309	S307	0.00	0.00	.25		.10		D305
S307	0.00	0.00	.15		.06		D307	S308	0.00	0.00	.29		.11		D305
S308	0.00	0.00	.22		.09		D307	S308	0.00	0.00	.02		.02		D306
S308	0.00	0.00	.03		.02		D306	S309	0.00	0.00	0.00		0.00		D301
S309	0.00	0.00	.03		.02		D306	S309	0.00	0.00	.26		.10		D307
S309	0.00	0.00	.02		.02		D306	S309	0.00	0.00	0.00		0.00		D301
S310	0.00	0.00	.01		.01		D301	S310	0.00	0.00	0.00		0.00		D301
S311	0.00	0.00	.43		.17		D304	S311	0.00	0.00	0.00		0.00		D305
S312	0.00	0.00	0.00		0.00		D302	S312	0.00	0.00	.01		.01		D302
S312	0.00	0.00	0.00		0.00		D310	S312	0.00	0.00	.02		.01		D310
S312	0.00	0.00	.31		.12		D304	S313	0.00	0.00	.01		.01		D302
S313	0.00	0.00	.01		.01		D302	S314	0.00	0.00	0.00		0.00		D304
S314	0.00	0.00	.20		.08		D303	S315	0.00	0.00	0.00		0.00		D302
S315	0.00	0.00	0.00		0.00		D304	S315	0.00	0.00	.25		.09		D303
S315	0.00	0.00	0.00		0.00		D302	S316	0.00	0.00	0.00		0.00		D302
S316	0.00	0.00	.29		.11		D303	S316	0.00	0.00	.02		.02		D302
S317	0.00	0.00	.20		.08		D303	S318	0.00	0.00	.20		.08		D303
S319	0.00	0.00	.20		.08		D303	S401	0.00	0.00	.21		.08		D408
S402	0.00	0.00	.21		.08		D409	S402	0.00	0.00	.12		.13		D411
S402	0.00	0.00	0.00		0.00		D408	S403	0.00	0.00	.21		.08		D409
S404	0.00	0.00	.26		.10		D408	S404	0.00	0.00	.19		.07		D407
S405	0.00	0.00	0.00		0.00		D408	S405	0.00	0.00	.31		.12		D409
S405	0.00	0.00	.22		.09		D407	S406	0.00	0.00	.31		.12		D409
S406	0.00	0.00	.02		.01		D401	S406	0.00	0.00	0.00		0.00		D401
S407	0.00	0.00	.21		.08		D405	S407	0.00	0.00	.15		.06		D407
S408	0.00	0.00	.25		.10		D405	S408	0.00	0.00	.19		.07		D407
S408	0.00	0.00	.02		.02		D406	S408	0.00	0.00	.01		.01		D406
S409	0.00	0.00	0.00		0.00		D401	S409	0.00	0.00	.02		.02		D406
S409	0.00	0.00	.22		.09		D407	S409	0.00	0.00	.01		.01		D406
S409	0.00	0.00	0.00		0.00		D401	S410	0.00	0.00	0.00		0.00		D401
S410	0.00	0.00	.01		0.00		D401	S411	0.00	0.00	.31		.12		D404
S411	0.00	0.00	0.00		0.00		D405	S412	0.00	0.00	0.00		0.00		D402
S412	0.00	0.00	.01		.01		D410	S412	0.00	0.00	.31		.12		D404
S412	0.00	0.00	0.00		0.00		D410	S412	0.00	0.00	.01		.01		D402
S413	0.00	0.00	.01		.01		D402	S413	0.00	0.00	.01		.01		D402
S414	0.00	0.00	0.00		0.00		D404	S414	0.00	0.00	.20		.08		D403
S415	0.00	0.00	.25		.09		D403	S415	0.00	0.00	0.00		0.00		D402
S415	0.00	0.00	0.00		0.00		D402	S415	0.00	0.00	0.00		0.00		D404
S416	0.00	0.00	0.00		0.00		D402	S416	0.00	0.00	.01		.01		D402
S416	0.00	0.00	.24		.09		D403	S417	0.00	0.00	.20		.08		D403
S418	0.00	0.00	.20		.08		D403	S419	0.00	0.00	.20		.08		D403
S501	0.00	0.00	.21		.08		D508	S502	0.00	0.00	.12		.13		D511
S502	0.00	0.00	.21		.08		D509	S502	0.00	0.00	0.00		0.00		D508
S503	0.00	0.00	.21		.08		D509	S504	0.00	0.00	.19		.07		D507
S504	0.00	0.00	.26		.10		D508	S505	0.00	0.00	0.00		0.00		D508
S505	0.00	0.00	.22		.09		D507	S505	0.00	0.00	.31		.12		D509
S506	0.00	0.00	.31		.12		D509	S506	0.00	0.00	.02		.01		D501
S506	0.00	0.00	0.00		0.00		D501	S507	0.00	0.00	.15		.06		D507
S507	0.00	0.00	.21		.08		D505	S508	0.00	0.00	.02		.02		D506
S508	0.00	0.00	.25		.10		D505	S508	0.00	0.00	.19		.07		D507
S508	0.00	0.00	.01		.01		D506	S509	0.00	0.00	.01		.01		D506
S509	0.00	0.00	0.00		0.00		D501	S509	0.00	0.00	0.00		0.00		D501
S509	0.00	0.00	.22		.09		D507	S509	0.00	0.00	.02		.02		D506
S510	0.00	0.00	.01		0.00		D501	S510	0.00	0.00	0.00		0.00		D501
S511	0.00	0.00	0.00		0.00		D505	S511	0.00	0.00	.31		.12		D504
S512	0.00	0.00	.01		.01		D502	S512	0.00	0.00	0.00		0.00		D502
S512	0.00	0.00	.01		.01		D510	S512	0.00	0.00	0.00		0.00		D510
S512	0.00	0.00	.31		.12		D504	S513	0.00	0.00	.01		.01		D502
S513	0.00	0.00	.01		.01		D502	S514	0.00	0.00	.20		.08		D503
S514	0.00	0.00	0.00		0.00		D504	S515	0.00	0.00	0.00		0.00		D502
S515	0.00	0.00	0.00		0.00		D502	S515	0.00	0.00	0.00		0.00		D504
S515	0.00	0.00	.25		.09		D503	S516	0.00	0.00	.24		.09		D503
S516	0.00	0.00	.01		.01		D502	S516	0.00	0.00	0.00		0.00		D502
S517	0.00	0.00	.20		.08		D503	S518	0.00	0.00	.20		.08		D503
S519	0.00	0.00	.20		.08		D503	S601	0.00	0.00	.21		.08		D608
S602	0.00	0.00	.21		.08		D609	S602	0.00	0.00	0.00		0.00		D608
S602	0.00	0.00	.12		.13		D611	S603	0.00	0.00	.21		.08		D609
S604	0.00	0.00	.21		.08		D608	S604	0.00	0.00	.15		.06		D607
S605	0.00	0.00	0.00		0.00		D608	S605	0.00	0.00	.22		.09		D607
S605	0.00	0.00	.31		.12		D609	S606	0.00	0.00	0.00		0.00		D601
S606	0.00	0.00	.01		.01		D601	S606	0.00	0.00	.26		.10		D609
S607	0.00	0.00	.15		.06		D607	S607	0.00	0.00	.16		.06		D605
S608	0.00	0.00	.01		.01		D606	S608	0.00	0.00	.01		.01		D606
S608	0.00	0.00	.21		.08		D605	S608	0.00	0.00	.15		.06		D607
S609	0.00	0.00	0.00		0.00		D601	S609	0.00	0.00	.22		.09		D607
S609	0.00	0.00	.02		.02		D606	S609	0.00	0.00	.01		.01		D606
S609	0.00	0.00	0.00		0.00		D601	S610	0.00	0.00	0.00		0.00		D601
S610	0.00	0.00	.01		0.00		D601	S611	0.00	0.00	0.00		0.00		D605
S611	0.00	0.00	.25		.10		D604	S612	0.00	0.00	0.00		0.00		D610

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt YÜK BÝLGÝLERÝ

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no	Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
S613	0.00	0.00	.01		.01		D602	S613	0.00	0.00	.01		.01		D602
S614	0.00	0.00	.20		.08		D603	S614	0.00	0.00	0.00		0.00		D604
S615	0.00	0.00	0.00		0.00		D602	S615	0.00	0.00	0.00		0.00		D602
S615	0.00	0.00	.20		.08		D603	S615	0.00	0.00	0.00		0.00		D604
S616	0.00	0.00	.24		.09		D603	S616	0.00	0.00	0.00		0.00		D602
S616	0.00	0.00	.01		.01		D602	S617	0.00	0.00	.20		.08		D603
S618	0.00	0.00	.20		.08		D603	S619	0.00	0.00	.20		.08		D603
SÇ04	0.00	0.00	0.00		0.00		DÇ07	SÇ04	0.00	0.00	.01		0.00		DÇ07
SÇ04	0.00	0.00	.08		.03		DÇ08	SÇ05	0.00	0.00	.10		.04		DÇ08
SÇ05	0.00	0.00	.14		.05		DÇ07	SÇ06	0.00	0.00	.01		0.00		DÇ01
SÇ06	0.00	0.00	.08		.03		DÇ08	SÇ06	0.00	0.00	0.00		0.00		DÇ01
SÇ07	0.00	0.00	.01		0.00		DÇ05	SÇ07	0.00	0.00	0.00		0.00		DÇ07
SÇ07	0.00	0.00	.01		0.00		DÇ07	SÇ07	0.00	0.00	.01		0.00		DÇ05
SÇ08	0.00	0.00	.01		0.00		DÇ06	SÇ08	0.00	0.00	.01		0.00		DÇ06
SÇ08	0.00	0.00	.12		.04		DÇ07	SÇ08	0.00	0.00	0.00		0.00		DÇ05
SÇ08	0.00	0.00	.01		0.00		DÇ05	SÇ09	0.00	0.00	.01		0.00		DÇ07
SÇ09	0.00	0.00	.01		0.00		DÇ06	SÇ09	0.00	0.00	0.00		0.00		DÇ01
SÇ09	0.00	0.00	.01		0.00		DÇ06	SÇ09	0.00	0.00	0.00		0.00		DÇ07
SÇ09	0.00	0.00	0.00		0.00		DÇ01	SÇ10	0.00	0.00	0.00		0.00		DÇ01
SÇ10	0.00	0.00	.01		0.00		DÇ01	SÇ11	0.00	0.00	.01		0.00		DÇ05
SÇ11	0.00	0.00	.01		0.00		DÇ04	SÇ11	0.00	0.00	0.00		0.00		DÇ05
SÇ11	0.00	0.00	.01		0.00		DÇ04	SÇ12	0.00	0.00	.01		0.00		DÇ10
SÇ12	0.00	0.00	.01		0.00		DÇ04	SÇ12	0.00	0.00	0.00		0.00		DÇ10
SÇ12	0.00	0.00	0.00		0.00		DÇ02	SÇ12	0.00	0.00	.01		0.00		DÇ02
SÇ12	0.00	0.00	.01		0.00		DÇ04	SÇ13	0.00	0.00	.01		0.00		DÇ02
SÇ13	0.00	0.00	.01		0.00		DÇ02	SÇ14	0.00	0.00	.08		.03		DÇ03
SÇ14	0.00	0.00	0.00		0.00		DÇ04	SÇ14	0.00	0.00	.01		0.00		DÇ04
SÇ15	0.00	0.00	0.00		0.00		DÇ04	SÇ15	0.00	0.00	.08		.03		DÇ03
SÇ15	0.00	0.00	0.00		0.00		DÇ02	SÇ15	0.00	0.00	0.00		0.00		DÇ02
SÇ15	0.00	0.00	.01		0.00		DÇ04	SÇ16	0.00	0.00	.01		0.00		DÇ02
SÇ16	0.00	0.00	.08		.03		DÇ03	SÇ16	0.00	0.00	0.00		0.00		DÇ02

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt BÝLGÝLERÝ

Kiris no	Aks	sol-aks	sag-aks	D (cm)	B (cm)	G (t/m)	I/J Nok.	L (m)	Tabla b/d(cm)	sol guse Hg/Lg (cm)	sag guse Hg/Lg (cm)	Material
KB02	6X	1Y	3Y	50	23	.640	2/5	3.78	30/5	0/0	0/0	E1
KB01	6X	3Y	6Y	50	23	.640	5/12	3.93	30/5	0/0	0/0	E1
KB07	1Y	1X	2X	50	23	1.020	62/42	3.40	30/5	0/0	0/0	E1
KB06	1Y	2X	3X	50	23	1.020	42/26	2.80	30/5	0/0	0/0	E1
KB05	1Y	3X	4X	50	23	1.020	26/14	4.65	30/5	0/0	0/0	E1
KB04	1Y	4X	5X	50	23	1.020	14/6	3.40	30/5	0/0	0/0	E1
KB03	1Y	5X	6X	50	23	1.020	6/2	3.60	30/5	0/0	0/0	E1
KB08	1X	1Y	2Y	60	23	.700	62/82	3.15	30/5	0/0	0/0	E1
KB09	1X	2Y	6Y	60	23	.700	82/103	4.60	30/5	0/0	0/0	E1
KB10	6Y	1X	2X	50	23	1.020	103/79	3.43	30/5	0/0	0/0	E1
KB11	6Y	2X	3X	50	23	1.020	79/58	2.85	15/10	0/0	0/0	E1
KB12	3X	4Y	6Y	50	23	.290	41/58	3.22	17/10	0/0	0/0	E1
KB13	6Y	4X	5X	50	23	1.020	38/24	3.47	17/10	0/0	0/0	E1
KB14	6Y	5X	6X	50	23	1.020	24/12	3.38	30/5	0/0	0/0	E1
KB15	5Y	3X	4X	50	23	.290	0/39	4.59	34/10	0/0	0/0	E1
KB18	5Y	4X	5X	50	23	.290	39/0	3.27	53/10	0/0	0/0	E1
KB19	3Y	5X	6X	30	30	.230	13/5	3.15	60/5	0/0	0/0	E1
KB20	4Y	2X	3X	50	23	1.020	59/41	2.85	44/10	0/0	0/0	E1
KB28	4Y	3X	7X	50	23	.290	41/60	1.61	8/10	0/0	0/0	E1
KB21	2X	1Y	4Y	30	60	.450	42/59	4.45	60/5	0/0	0/0	E1
KB17	2X	4Y	6Y	50	23	.290	59/79	3.17	47/10	0/0	0/0	E1
KB22	3X	1Y	4Y	30	180	1.350	26/41	4.45	60/5	0/0	0/0	E1
KB24	4X	1Y	2Y	30	100	.750	14/25	3.20	60/5	0/0	0/0	E1
KB23	4X	2Y	5Y	30	100	.750	25/39	2.33	41/10	0/0	0/0	E1
KB16	4X	5Y	6Y	50	23	.290	39/38	2.15	10/10	0/0	0/0	E1
KB25	5X	1Y	3Y	30	100	.750	6/13	3.78	60/5	0/0	0/0	E1
KB26	5X	3Y	6Y	30	100	.750	13/24	3.90	60/5	0/0	0/0	E1
KB27	2Y	2X	4X	30	60	.450	0/25	7.38	83/10	0/0	0/0	E1
KB29	7X	4Y	5Y	50	23	.290	60/0	1.20	10/10	0/0	0/0	E1
KZ02	6X	1Y	3Y	50	23	.640	4/9	3.78	30/5	0/0	0/0	E1
KZ01	6X	3Y	6Y	50	23	.640	9/19	3.93	30/5	0/0	0/0	E1
KZ04	1Y	4X	5X	50	23	1.020	21/10	3.37	30/5	0/0	0/0	E1
KZ03	1Y	5X	6X	50	23	1.020	10/4	3.60	30/5	0/0	0/0	E1
KZ05	6Y	4X	5X	50	23	1.020	53/34	3.42	17/10	0/0	0/0	E1
KZ06	6Y	5X	6X	50	23	1.020	34/19	3.45	30/5	0/0	0/0	E1
KZ08	5Y	4X	5X	50	23	.850	54/0	3.27	53/10	0/0	0/0	E1
KZ09	3Y	5X	6X	30	30	.230	20/9	3.28	60/5	0/0	0/0	E1
KZ11	4X	1Y	2Y	30	100	1.320	21/35	3.20	30/5	0/0	0/0	E1
KZ10	4X	2Y	5Y	30	100	.750	35/54	2.35	30/5	0/0	0/0	E1
KZ07	4X	5Y	6Y	50	23	.640	54/53	2.15	10/10	0/0	0/0	E1
KZ12	5X	1Y	3Y	30	100	1.320	10/20	3.80	60/5	0/0	0/0	E1
KZ13	5X	3Y	6Y	30	100	1.320	20/34	3.90	60/5	0/0	0/0	E1
KA02	6X	1Y	3Y	50	23	.640	8/17	3.75	30/5	0/0	0/0	E1
KA01	6X	3Y	6Y	50	23	.640	17/31	3.98	52/10	0/0	0/0	E1
KA07	1Y	1X	2X	50	23	1.020	99/75	3.40	30/5	0/0	0/0	E1
KA06	1Y	2X	3X	50	23	1.020	75/52	2.85	30/5	0/0	0/0	E1
KA05	1Y	3X	4X	50	23	1.020	52/33	4.65	30/5	0/0	0/0	E1
KA04	1Y	4X	5X	50	23	1.020	33/18	3.32	30/5	0/0	0/0	E1
KA03	1Y	5X	6X	50	23	1.020	18/8	3.65	30/5	0/0	0/0	E1
KA08	1X	1Y	2Y	60	23	.700	99/123	3.13	30/5	0/0	0/0	E1
KA09	1X	2Y	6Y	60	23	.700	123/144	4.63	30/5	0/0	0/0	E1
KA10	6Y	1X	2X	50	23	1.020	144/122	3.48	30/5	0/0	0/0	E1
KA11	6Y	2X	3X	50	23	1.020	122/96	2.85	15/10	0/0	0/0	E1
KA12	3X	4Y	6Y	50	23	.640	74/96	3.22	17/10	0/0	0/0	E1
KA13	6Y	4X	5X	50	23	1.020	72/50	3.40	17/10	0/0	0/0	E1
KA14	6Y	5X	6X	50	23	1.020	50/31	3.48	30/5	0/0	0/0	E1
KA15	5Y	3X	4X	50	23	.640	0/73	4.62	35/10	0/0	0/0	E1
KA18	5Y	4X	5X	50	23	.720	73/0	3.25	53/10	0/0	0/0	E1
KA19	3Y	5X	6X	30	30	.660	32/17	3.28	60/5	0/0	0/0	E1
KA20	4Y	2X	3X	50	23	.290	97/74	2.88	45/10	0/0	0/0	E1
KA28	4Y	3X	7X	50	23	.290	74/98	1.59	8/10	0/0	0/0	E1
KA21	2X	1Y	4Y	30	60	.450	75/97	4.48	60/5	0/0	0/0	E1
KA17	2X	4Y	6Y	50	23	.850	97/122	3.17	47/10	0/0	0/0	E1
KA22	3X	1Y	4Y	30	180	1.780	52/74	4.45	60/5	0/0	0/0	E1
KA24	4X	1Y	2Y	30	100	.750	33/51	3.20	60/5	0/0	0/0	E1
KA23	4X	2Y	5Y	30	100	.750	51/73	2.35	41/10	0/0	0/0	E1
KA16	4X	5Y	6Y	50	23	.640	73/72	2.15	10/10	0/0	0/0	E1
KA25	5X	1Y	3Y	30	100	.750	18/32	3.80	60/5	0/0	0/0	E1
KA26	5X	3Y	6Y	30	100	1.180	32/50	3.90	60/5	0/0	0/0	E1
KA27	2Y	2X	4X	30	60	.450	0/51	7.45	83/10	0/0	0/0	E1
KA29	7X	4Y	5Y	50	23	.290	98/0	1.20	10/10	0/0	0/0	E1
K102	6X	1Y	3Y	50	23	.640	16/29	3.78	30/5	0/0	0/0	E1
K101	6X	3Y	6Y	50	23	.640	29/47	4.00	53/10	0/0	0/0	E1
K107	1Y	1X	2X	50	23	1.020	121/95	3.40	30/5	0/0	0/0	E1
K106	1Y	2X	3X	50	23	1.020	95/71	2.88	30/5	0/0	0/0	E1
K105	1Y	3X	4X	50	23	1.020	71/49	4.62	30/5	0/0	0/0	E1
K104	1Y	4X	5X	50	23	1.020	49/30	3.30	30/5	0/0	0/0	E1
K103	1Y	5X	6X	50	23	1.020	30/16	3.68	30/5	0/0	0/0	E1
K108	1X	1Y	2Y	60	23	.700	121/143	3.13	30/5	0/0	0/0	E1
K109	1X	2Y	6Y	60	23	.700	143/162	4.65	30/5	0/0	0/0	E1
K110	6Y	1X	2X	50	23	1.020	162/142	3.48	30/5	0/0	0/0	E1
K111	6Y	2X	3X	50	23	1.020	142/118	2.85	15/10	0/0	0/0	E1
K112	3X	4Y	6Y	50	23	.640	94/118	3.22	17/10	0/0	0/0	E1
K113	6Y	4X	5X	50	23	1.020	92/69	3.32	17/10	0/0	0/0	E1
K114	6Y	5X	6X	50	23	1.020	69/47	3.55	30/5	0/0	0/0	E1
K115	5Y	3X	4X	50	23	.640	0/93	4.62	35/10	0/0	0/0	E1
K118	5Y	4X	5X	50	23	.720	93/0	3.25	53/10	0/0	0/0	E1
K119	3Y	5X	6X	30	30	.660	48/29	3.38	60/5	0/0	0/0	E1
K120	4Y	2X	3X	50	23	.290	119/94	2.90	45/10	0/0	0/0	E1
K128	4Y	3X	7X	50	23	.290	94/120	1.56	8/10	0/0	0/0	E1
K121	2X	1Y	4Y	30	60	.450	95/119	4.53	60/5	0/0	0/0	E1
K117	2X	4Y	6Y	50	23	.850	119/142	3.17	47/10	0/0	0/0	E1
K122	3X	1Y	4Y	30	180	1.780	71/94	4.45	60/5	0/0	0/0	E1
K124	4X	1Y	2Y	30	100	.750	49/70	3.23	60/5	0/0	0/0	E1
K123	4X	2Y	5Y	30	100	.750	70/93	2.40	42/10	0/0	0/0	E1
K116	4X	5Y	6Y	50	23	.640	93/92	2.10	10/10	0/0	0/0	E1
K125	5X	1Y	3Y	30	100	.750	30/48	3.78	60/5	0/0	0/0	E1
K126	5X	3Y	6Y	30	100	1.180	48/69	3.93	60/5	0/0	0/0	E1
K127	2Y	2X	4X	30	60	.450	0/70	7.50	83/10	0/0	0/0	E1
K129	7X	4Y	5Y	50	23	.290	120/0	1.20	10/10	0/0	0/0	E1
K202	6X	1Y	3Y	50	23	.640	28/45	3.78	30/5	0/0	0/0	E1
K201	6X	3Y	6Y	50	23	.640	45/66	4.00	53/10	0/0	0/0	E1
K207	1Y	1X	2X	50	23	1.020	141/117	3.48	30/5	0/0	0/0	E1
K206	1Y	2X	3X	50	23	1.020	117/91	2.83	30/5	0/0	0/0	E1
K205	1Y	3X	4X	50	23	1.020	91/68	4.62	30/5	0/0	0/0	E1
K204	1Y	4X	5X	50	23	1.020	68/46	3.25	30/5	0/0	0/0	E1
K203	1Y	5X	6X	50	23	1.020	46/28	3.75	30/5	0/0	0/0	E1
K208	1X	1Y	2Y	60	23	.700	141/161	3.13	30/5	0/0	0/0	E1
K209	1X	2Y	6Y	60	23	.700	161/178	4.68	30/5	0/0	0/0	E1
K210	6Y	1X	2X	50	23	1.020	178/160	3.50	30/5	0/0	0/0	E1
K211	6Y	2X	3X	50	23	1.020	160/138	2.83	15/10	0/0	0/0	E1
K212	3X	4Y	6Y	50	23	.640	116/138	3.22	18/10	0/0	0/0	E1
K213	6Y	4X	5X	50	23	1.020	114/89	3.25	17/10	0/0	0/0	E1
K214	6Y	5X	6X	50	23	1.020	89/66	3.60	30/5	0/0	0/0	E1

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝÞ BÝLGÝLERÝ

Kiris no	Aks	sol-aks	sag-aks	D (cm)	B (cm)	G (t/m)	I/J Nok.	L (m)	Tabla b/d(cm)	sol guse Hg/Lg (cm)	sag guse Hg/Lg (cm)	Material
K219	3Y	5X	6X	30	30	.660	67/45	3.43	60/5	0/0	0/0	E1
K220	4Y	2X	3X	50	23	.290	139/116	2.83	45/10	0/0	0/0	E1
K228	4Y	3X	7X	50	23	.290	116/140	1.56	8/10	0/0	0/0	E1
K221	2X	1Y	4Y	30	60	.450	117/139	4.55	60/5	0/0	0/0	E1
K217	2X	4Y	6Y	50	23	.850	139/160	3.15	47/10	0/0	0/0	E1
K222	3X	1Y	4Y	30	180	1.780	91/116	4.50	60/5	0/0	0/0	E1
K224	4X	1Y	2Y	30	100	.750	68/90	3.25	60/5	0/0	0/0	E1
K223	4X	2Y	5Y	30	100	.750	90/115	2.43	42/10	0/0	0/0	E1
K216	4X	5Y	6Y	50	23	.640	115/114	2.10	10/10	0/0	0/0	E1
K225	5X	1Y	3Y	30	100	.750	46/67	3.78	60/5	0/0	0/0	E1
K226	5X	3Y	6Y	30	100	1.180	67/89	3.93	60/5	0/0	0/0	E1
K227	2Y	2X	4X	30	60	.450	0/90	7.55	83/10	0/0	0/0	E1
K229	7X	4Y	5Y	50	23	.290	140/0	1.20	10/10	0/0	0/0	E1
K302	6X	1Y	3Y	50	23	.640	44/64	3.78	30/5	0/0	0/0	E1
K301	6X	3Y	6Y	50	23	.640	64/86	4.00	53/10	0/0	0/0	E1
K307	1Y	1X	2X	50	23	1.020	159/137	3.50	30/5	0/0	0/0	E1
K306	1Y	2X	3X	50	23	1.020	137/113	2.83	30/5	0/0	0/0	E1
K305	1Y	3X	4X	50	23	1.020	113/88	4.68	30/5	0/0	0/0	E1
K304	1Y	4X	5X	50	23	1.020	88/65	3.17	30/5	0/0	0/0	E1
K303	1Y	5X	6X	50	23	1.020	65/44	3.78	30/5	0/0	0/0	E1
K308	1X	1Y	2Y	60	23	.700	159/177	3.08	30/5	0/0	0/0	E1
K309	1X	2Y	6Y	60	23	.700	177/192	4.73	30/5	0/0	0/0	E1
K310	6Y	1X	2X	50	23	1.020	192/176	3.53	30/5	0/0	0/0	E1
K311	6Y	2X	3X	50	23	1.020	176/156	2.85	16/10	0/0	0/0	E1
K312	3X	4Y	6Y	50	23	.640	136/156	3.22	18/10	0/0	0/0	E1
K313	6Y	4X	5X	50	23	1.020	134/111	3.25	17/10	0/0	0/0	E1
K314	6Y	5X	6X	50	23	1.020	111/86	3.63	30/5	0/0	0/0	E1
K315	5Y	3X	4X	50	23	.640	0/135	4.62	35/10	0/0	0/0	E1
K318	5Y	4X	5X	50	23	.720	135/0	3.25	53/10	0/0	0/0	E1
K319	3Y	5X	6X	30	30	.660	87/64	3.55	60/5	0/0	0/0	E1
K320	4Y	2X	3X	50	23	.290	157/136	2.85	45/10	0/0	0/0	E1
K328	4Y	3X	7X	50	23	.290	136/158	1.54	8/10	0/0	0/0	E1
K321	2X	1Y	4Y	30	60	.450	137/157	4.58	60/5	0/0	0/0	E1
K317	2X	4Y	6Y	50	23	.850	157/176	3.17	47/10	0/0	0/0	E1
K322	3X	1Y	4Y	30	180	1.780	113/136	4.53	60/5	0/0	0/0	E1
K324	4X	1Y	2Y	30	100	.750	88/112	3.25	60/5	0/0	0/0	E1
K323	4X	2Y	5Y	30	100	.750	112/135	2.48	43/10	0/0	0/0	E1
K316	4X	5Y	6Y	50	23	.640	135/134	2.05	10/10	0/0	0/0	E1
K325	5X	1Y	3Y	30	100	.750	65/87	3.75	60/5	0/0	0/0	E1
K326	5X	3Y	6Y	30	100	1.180	87/111	3.95	60/5	0/0	0/0	E1
K327	2Y	2X	4X	30	60	.450	0/112	7.57	83/10	0/0	0/0	E1
K329	7X	4Y	5Y	50	23	.290	158/0	1.20	10/10	0/0	0/0	E1
K402	6X	1Y	3Y	50	23	.640	63/84	3.75	30/5	0/0	0/0	E1
K401	6X	3Y	6Y	50	23	.640	84/108	4.05	53/10	0/0	0/0	E1
K407	1Y	1X	2X	50	23	1.020	175/155	3.55	30/5	0/0	0/0	E1
K406	1Y	2X	3X	50	23	1.020	155/133	2.83	30/5	0/0	0/0	E1
K405	1Y	3X	4X	50	23	1.020	133/110	4.65	30/5	0/0	0/0	E1
K404	1Y	4X	5X	50	23	1.020	110/85	3.15	30/5	0/0	0/0	E1
K403	1Y	5X	6X	50	23	1.020	85/63	3.78	30/5	0/0	0/0	E1
K408	1X	1Y	2Y	60	23	.700	175/191	3.08	30/5	0/0	0/0	E1
K409	1X	2Y	6Y	60	23	.700	191/203	4.73	30/5	0/0	0/0	E1
K410	6Y	1X	2X	50	23	1.020	203/190	3.58	30/5	0/0	0/0	E1
K411	6Y	2X	3X	50	23	1.020	190/172	2.83	16/10	0/0	0/0	E1
K412	3X	4Y	6Y	50	23	.640	154/172	3.22	18/10	0/0	0/0	E1
K413	6Y	4X	5X	50	23	1.020	152/131	3.15	17/10	0/0	0/0	E1
K414	6Y	5X	6X	50	23	1.020	131/108	3.75	30/5	0/0	0/0	E1
K415	5Y	3X	4X	50	23	.640	0/153	4.64	35/10	0/0	0/0	E1
K418	5Y	4X	5X	50	23	.720	153/0	3.22	53/10	0/0	0/0	E1
K419	3Y	5X	6X	30	30	.660	109/84	3.65	60/5	0/0	0/0	E1
K420	4Y	2X	3X	50	23	.290	173/154	2.83	45/10	0/0	0/0	E1
K428	4Y	3X	7X	50	23	.290	154/174	1.54	8/10	0/0	0/0	E1
K421	2X	1Y	4Y	30	60	.450	155/173	4.58	60/5	0/0	0/0	E1
K417	2X	4Y	6Y	50	23	.850	173/190	3.20	48/10	0/0	0/0	E1
K422	3X	1Y	4Y	30	180	1.780	133/154	4.55	60/5	0/0	0/0	E1
K424	4X	1Y	2Y	30	100	.750	110/132	3.23	60/5	0/0	0/0	E1
K423	4X	2Y	5Y	30	100	.750	132/153	2.53	44/10	0/0	0/0	E1
K416	4X	5Y	6Y	50	23	.640	153/152	2.05	11/10	0/0	0/0	E1
K425	5X	1Y	3Y	30	100	.750	85/109	3.78	60/5	0/0	0/0	E1
K426	5X	3Y	6Y	30	100	1.180	109/131	3.95	60/5	0/0	0/0	E1
K427	2Y	2X	4X	30	60	.450	0/132	7.60	83/10	0/0	0/0	E1
K429	7X	4Y	5Y	50	23	.290	174/0	1.20	10/10	0/0	0/0	E1
K502	6X	1Y	3Y	50	23	.640	83/106	3.75	30/5	0/0	0/0	E1
K501	6X	3Y	6Y	50	23	.640	106/128	4.05	53/10	0/0	0/0	E1
K507	1Y	1X	2X	50	23	1.020	189/171	3.55	30/5	0/0	0/0	E1
K506	1Y	2X	3X	50	23	1.020	171/151	2.83	30/5	0/0	0/0	E1
K505	1Y	3X	4X	50	23	1.020	151/130	4.65	30/5	0/0	0/0	E1
K504	1Y	4X	5X	50	23	1.020	130/107	3.15	30/5	0/0	0/0	E1
K503	1Y	5X	6X	50	23	1.020	107/83	3.78	30/5	0/0	0/0	E1
K508	1X	1Y	2Y	60	23	.700	189/202	3.08	30/5	0/0	0/0	E1
K509	1X	2Y	6Y	60	23	.700	202/209	4.73	30/5	0/0	0/0	E1
K510	6Y	1X	2X	50	23	1.020	209/201	3.58	30/5	0/0	0/0	E1
K511	6Y	2X	3X	50	23	1.020	201/186	2.83	16/10	0/0	0/0	E1
K512	3X	4Y	6Y	50	23	.640	170/186	3.22	18/10	0/0	0/0	E1
K513	6Y	4X	5X	50	23	1.020	168/149	3.15	17/10	0/0	0/0	E1
K514	6Y	5X	6X	50	23	1.020	149/128	3.75	30/5	0/0	0/0	E1
K515	5Y	3X	4X	50	23	.640	0/169	4.64	35/10	0/0	0/0	E1
K518	5Y	4X	5X	50	23	.720	169/0	3.22	53/10	0/0	0/0	E1
K519	3Y	5X	6X	30	30	.660	129/106	3.65	60/5	0/0	0/0	E1
K520	4Y	2X	3X	50	23	.290	187/170	2.83	45/10	0/0	0/0	E1
K528	4Y	3X	7X	50	23	.290	170/188	1.54	8/10	0/0	0/0	E1
K521	2X	1Y	4Y	30	60	.450	171/187	4.58	60/5	0/0	0/0	E1
K517	2X	4Y	6Y	50	23	.850	187/201	3.20	48/10	0/0	0/0	E1
K522	3X	1Y	4Y	30	180	1.780	151/170	4.55	60/5	0/0	0/0	E1
K524	4X	1Y	2Y	30	100	.750	130/150	3.23	60/5	0/0	0/0	E1
K523	4X	2Y	5Y	30	100	.750	150/169	2.53	44/10	0/0	0/0	E1
K516	4X	5Y	6Y	50	23	.640	169/168	2.05	11/10	0/0	0/0	E1
K525	5X	1Y	3Y	30	100	.750	107/129	3.78	60/5	0/0	0/0	E1
K526	5X	3Y	6Y	30	100	1.180	129/149	3.95	60/5	0/0	0/0	E1
K527	2Y	2X	4X	30	60	.450	0/150	7.60	83/10	0/0	0/0	E1
K529	7X	4Y	5Y	50	23	.290	188/0	1.20	10/10	0/0	0/0	E1
K602	6X	1Y	3Y	50	23	.290	105/126	3.75	30/5	0/0	0/0	E1
K601	6X	3Y	6Y	50	23	.290	126/145	4.05	53/10	0/0	0/0	E1
K607	1Y	1X	2X	50	23	.290	200/185	3.60	30/5	0/0	0/0	E1
K606	1Y	2X	3X	50	23	1.020	185/167	2.80	30/5	0/0	0/0	E1
K605	1Y	3X	4X	50	23	1.020	167/148	4.65	30/5	0/0	0/0	E1
K604	1Y	4X	5X	50	23	1.020	148/127	3.10	30/5	0/0	0/0	E1
K603	1Y	5X	6X	50	23	.290	127/105	3.80	30/5	0/0	0/0	E1
K608	1X	1Y	2Y	60	23	.350	200/208	3.08	30/5	0/0	0/0	E1
K609	1X	2Y	6Y	60	23	.350	208/211	4.73	30/5	0/0	0/0	E1
K610	6Y	1X	2X	50	23	.290	211/207	3.60	30/5	0/0	0/0	E1
K611	6Y	2X	3X	50	23	1.020	207/197	2.80	16/10	0/0	0/0	E1
K612	3X	4Y	6Y	50	23	.640	184/197	3.20	18/10	0/0	0/0	E1
K613	6Y	4X	5X	50	23	1.020	180/163	3.10	17/10	0/0	0/0	E1
K614	6Y	5X	6X	50	23	.290	163/145	3.80	30/5	0/0	0/0	E1

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

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Kiris no	Aks	sol-aks	sag-aks	D (cm)	B (cm)	G (t/m)	I/J Nok.	L (m)	Tabla b/d(cm)	sol guse Hg/Lg (cm)	sag guse Hg/Lg (cm)	Material
K619	3Y	5X	6X	30	30	.230	146/126	3.75	60/5	0/0	0/0	E1
K620	4Y	2X	3X	50	23	.290	198/184	2.83	46/10	0/0	0/0	E1
K628	4Y	3X	7X	50	23	.290	184/199	1.51	8/10	0/0	0/0	E1
K621	2X	1Y	4Y	30	60	.450	185/198	4.60	60/5	0/0	0/0	E1
K617	2X	4Y	6Y	50	23	.850	198/207	3.17	48/10	0/0	0/0	E1
K622	3X	1Y	4Y	30	180	1.780	167/184	4.60	60/5	0/0	0/0	E1
K624	4X	1Y	2Y	30	100	.750	148/166	3.20	60/5	0/0	0/0	E1
K623	4X	2Y	5Y	30	100	.750	166/183	2.55	44/10	0/0	0/0	E1
K616	4X	5Y	6Y	50	23	.640	183/180	2.05	11/10	0/0	0/0	E1
K625	5X	1Y	3Y	30	100	.750	127/146	3.80	60/5	0/0	0/0	E1
K626	5X	3Y	6Y	30	100	1.180	146/163	3.98	60/5	0/0	0/0	E1
K627	2Y	2X	4X	30	60	.450	0/166	7.62	83/10	0/0	0/0	E1
K629	7X	4Y	5Y	50	23	.290	199/0	1.20	10/10	0/0	0/0	E1
KÇ06	1Y	2X	3X	50	20	.250	196/182	2.80	16/10	0/0	0/0	E1
KÇ05	1Y	3X	4X	50	20	.250	182/165	4.65	27/10	0/0	0/0	E1
KÇ04	1Y	4X	5X	50	20	.250	165/147	3.10	17/10	0/0	0/0	E1
KÇ11	6Y	2X	3X	50	20	.250	210/204	2.80	16/10	0/0	0/0	E1
KÇ13	6Y	4X	5X	50	20	.250	193/179	3.10	17/10	0/0	0/0	E1
KÇ15	5Y	3X	4X	60	20	.510	0/194	4.65	36/10	0/0	0/0	E1
KÇ18	5Y	4X	5X	50	23	.290	194/0	3.10	46/10	0/0	0/0	E1
KÇ20	4Y	2X	3X	50	20	.250	205/195	2.80	32/10	0/0	0/0	E1
KÇ28	4Y	3X	7X	50	23	1.020	195/206	1.51	8/10	0/0	0/0	E1
KÇ21	2X	1Y	4Y	50	20	.250	196/205	4.60	52/10	0/0	0/0	E1
KÇ17	2X	4Y	6Y	50	20	.250	205/210	3.20	36/10	0/0	0/0	E1
KÇ22	3X	1Y	4Y	60	20	.300	182/195	4.60	52/10	0/0	0/0	E1
KÇ12	3X	4Y	6Y	60	20	.300	195/204	3.20	18/10	0/0	0/0	E1
KÇ24	4X	1Y	2Y	50	20	.250	165/181	3.20	36/10	0/0	0/0	E1
KÇ23	4X	2Y	5Y	50	20	.250	181/194	2.60	28/10	0/0	0/0	E1
KÇ16	4X	5Y	6Y	50	23	.640	194/193	2.00	11/10	0/0	0/0	E1
KÇ25	5X	1Y	3Y	50	20	.250	147/164	3.78	42/10	0/0	0/0	E1
KÇ26	5X	3Y	6Y	50	20	.250	164/179	4.03	46/10	0/0	0/0	E1
KÇ27	2Y	3X	4X	60	20	.300	0/181	4.65	72/10	0/0	0/0	E1
KÇ29	7X	4Y	5Y	50	23	1.020	206/0	1.21	10/10	0/0	0/0	E1

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
KB02	SolM	38.06	9.69	4.39	4.65	5.59	6.07	6.41	0.00	-11.79	-8.77	-.81	4.80	-1.91	-1.43	-1.01	1.48
	SagM	40.91	10.64	4.48	5.37	6.61	6.47	6.62	0.00	-13.73	-10.72	.62	6.21	-2.21	-1.73	-.41	2.07
	SolV	23.61	6.08						0.00	6.76				1.09	Maç=	74.30	(tm)
	SagV	18.25	4.70						0.00	6.76				1.09	Xaç=	3.78	m
KB01	SolM	27.91	5.32	1.94	3.10	3.22	2.84	4.04	0.00	-6.29	-3.09	10.24	16.16	-1.08	-.58	3.54	6.16
	SagM	23.72	4.63	1.96	2.36	2.52	2.92	3.20	0.00	-6.62	-3.74	7.98	13.32	-1.12	-.66	2.67	5.04
	SolV	15.92	3.25						0.00	7.51				2.85	Maç=	40.62	(tm)
	SagV	10.33	1.81						0.00	7.51				2.85	Xaç=	3.93	m
KB07	SolM	-3.18	-.89	-.46	-.30	-.52	-.52	-.49	0.00	8.43	9.41	1.27	3.07	1.35	1.50	.41	1.20
	SagM	3.66	.94	.37	.62	.50	.70	.80	0.00	14.05	15.73	2.58	5.70	2.22	2.49	.87	2.24
	SolV	1.72	.01						0.00	7.39				1.17	Maç=	7.52	(tm)
	SagV	-1.34	.01						0.00	7.39				1.17	Xaç=	1.82	m
KB06	SolM	1.51	-.27	-.50	.29	0.00	-.44	.01	0.00	30.19	32.48	-3.30	.94	4.74	5.10	-1.69	.16
	SagM	7.00	.92	.24	.63	.48	.66	.60	0.00	24.23	26.37	.04	4.02	3.82	4.16	-.29	1.45
	SolV	5.50	.78						0.00	21.01				3.31	Maç=	11.27	(tm)
	SagV	.58	-.32						0.00	21.01				3.31	Xaç=	2.80	m
KB05	SolM	-48.80	-10.94	-4.57	-5.64	-6.70	-6.65	-7.07	0.00	47.00	48.49	-19.54	-16.76	7.27	7.51	-8.30	-7.07
	SagM	-59.17	-13.06	-6.20	-6.07	-7.23	-8.39	-8.91	0.00	47.05	48.61	-21.19	-18.30	7.29	7.54	-8.99	-7.71
	SolV	-19.62	-4.50						0.00	20.88				3.72	Maç=	85.83	(tm)
	SagV	-26.81	-5.83						0.00	20.88				3.72	Xaç=	0.00	m
KB04	SolM	41.21	9.16	3.95	4.62	5.40	5.55	6.18	0.00	26.50	29.54	13.80	19.44	4.13	4.61	5.33	7.79
	SagM	26.35	6.20	2.61	3.21	3.68	3.68	4.27	0.00	34.16	37.23	12.05	17.75	5.31	5.80	4.61	7.09
	SolV	21.36	4.52						0.00	19.64				4.38	Maç=	46.82	(tm)
	SagV	18.40	4.52						0.00	19.64				4.38	Xaç=	3.40	m
KB03	SolM	26.07	6.21	2.70	3.17	3.73	3.83	4.18	0.00	15.29	17.99	9.77	14.77	2.39	2.81	3.67	5.85
	SagM	21.34	5.49	2.40	2.76	3.30	3.37	3.64	0.00	10.83	13.01	6.20	10.25	1.69	2.03	2.27	4.03
	SolV	14.75	3.25						0.00	8.60				2.74	Maç=	38.66	(tm)
	SagV	11.48	3.25						0.00	8.60				2.74	Xaç=	3.60	m
KB08	SolM	12.02	2.72	1.21	1.35	1.50	1.69	1.92	0.00	5.00	3.90	-4.21	-6.23	.80	.62	-1.74	-2.67
	SagM	40.99	8.89	3.76	4.52	5.27	5.53	5.77	0.00	9.66	8.46	-.82	-3.02	1.50	1.30	-.38	-1.43
	SolV	19.12	4.65						0.00	4.65				1.30	Maç=	71.60	(tm)
	SagV	14.62	2.75						0.00	4.65				1.30	Xaç=	3.15	m
KB09	SolM	12.57	3.27	.85	2.31	2.32	1.26	2.73	0.00	3.07	1.49	2.57	-.34	.55	.28	1.04	-.31
	SagM	17.03	3.44	1.63	1.56	1.75	2.43	2.21	0.00	5.27	3.82	1.06	-1.63	.87	.63	.41	-.85
	SolV	9.75	2.86						0.00	1.81				.31	Maç=	29.35	(tm)
	SagV	3.07	.04						0.00	1.81				.31	Xaç=	4.60	m
KB10	SolM	-17.90	-3.83	-1.50	-2.01	-2.23	-2.16	-2.62	0.00	3.19	1.83	-6.65	-9.17	.65	.44	-2.56	-3.67
	SagM	-20.45	-4.00	-1.48	-2.17	-2.37	-2.16	-2.78	0.00	3.29	1.78	-7.12	-9.92	.68	.44	-2.74	-3.97
	SolV	-9.62	-2.28						0.00	5.57				2.23	Maç=	31.20	(tm)
	SagV	-12.73	-2.28						0.00	5.57				2.23	Xaç=	0.00	m
KB11	SolM	-21.14	-4.81	-2.09	-2.35	-2.73	-2.93	-3.22	0.00	3.65	2.18	-7.67	-10.41	.72	.48	-2.98	-4.19
	SagM	-16.21	-3.58	-1.39	-1.91	-2.15	-1.97	-2.47	0.00	2.29	1.18	-5.72	-7.79	.48	.30	-2.22	-3.13
	SolV	-11.59	-2.64						0.00	6.38				2.57	Maç=	37.30	(tm)
	SagV	-14.74	-3.31						0.00	6.38				2.57	Xaç=	0.00	m
KB12	SolM	30.32	7.05	2.59	4.06	4.45	3.77	5.08	0.00	-2.48	-.91	13.54	16.45	-.42	-.19	5.24	6.43
	SagM	36.52	8.38	3.57	4.29	4.89	5.12	5.71	0.00	-3.02	-1.80	8.47	10.71	-.49	-.31	3.15	4.05
	SolV	22.19	5.38						0.00	8.42				3.25	Maç=	64.53	(tm)
	SagV	19.34	4.16						0.00	8.42				3.25	Xaç=	3.22	m
KB13	SolM	26.59	5.85	2.57	2.76	3.57	3.57	3.53	0.00	8.71	6.60	9.61	5.70	1.51	1.18	4.19	2.49
	SagM	43.15	9.67	4.11	4.68	6.10	5.78	5.70	0.00	18.68	14.50	17.26	9.52	3.21	2.55	7.57	4.21
	SolV	22.00	4.68						0.00	7.88				3.38	Maç=	75.89	(tm)
	SagV	18.48	4.30						0.00	7.88				3.38	Xaç=	3.47	m
KB14	SolM	2.23	1.22	.54	.46	.80	.85	.34	0.00	2.65	-.60	1.52	-4.50	.74	.22	1.11	-1.54
	SagM	1.84	1.17	.52	.49	.75	.80	.46	0.00	2.15	.09	1.35	-2.48	.54	.21	.86	-.82
	SolV	2.50	.71						0.00	2.07				.70	Maç=	4.45	(tm)
	SagV	-.31	.71						0.00	2.07				.70	Xaç=	3.38	m
KB15	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-21.11	-5.62	-2.23	-2.96	-3.63	-3.70	-3.04	0.00	36.17	35.42	-3.79	-5.17	5.67	5.55	-1.47	-2.07
	SolV	.65	.19						0.00	0.00				0.00	Maç=	-12.72	(tm)
	SagV	-1.66	-.82						0.00	0.00				0.00	Xaç=	.40	m
KB18	SolM	-28.64	-7.09	-3.18	-3.25	-4.28	-4.17	-4.42	0.00	55.09	53.95	-5.78	-7.88	8.63	8.45	-2.24	-3.15
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.10	.25						0.00	0.00				0.00	Maç=	24.60	(tm)
	SagV	-.62	-.13						0.00	0.00				0.00	Xaç=	.48	m
KB19	SolM	12.14	4.10	1.82	2.00	2.48	2.65	2.50	0.00	.71	.89	5.93	6.27	.28	.31	2.43	2.58
	SagM	10.21	3.57	1.58	1.74	2.17	2.31	2.17	0.00	.58	.75	5.05	5.35	.24	.26	2.07	2.20
	SolV	7.34	2.43						0.00	3.68				1.51	Maç=	20.01	(tm)
	SagV	6.81	2.43						0.00	3.68				1.51	Xaç=	3.15	m
KB20	SolM	-33.56	-8.27	-3.56	-4.20	-5.03	-4.96	-5.54	0.00	8.73	8.39	-6.34	-6.97	1.57	1.52	-2.52	-2.79
	SagM	-23.58	-6.30	-3.20	-2.79	-3.34	-4.16	-4.48	0.00	2.97	3.02	-2.79	-2.69	.63	.64	-1.11	-1.06
	SolV	-17.15	-4.26						0.00	4.10				1.35	Maç=	60.22	(tm)
	SagV	-23.13	-6.07						0.00	4.10				1.35	Xaç=	0.00	m
KB28	SolM	1.05	.41	0.00	.41	.41	.30	.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	1.50	m
KB21	SolM	44.11	11.04	5.61	4.87	5.69	7.38	7.89	0.00	3.31	2.81	-2.56	-3.50	.54	.44	-1.24	-1.73
	SagM	38.69	8.48	3.05	4.88	5.76	4.88	5.22	0.00	3.77	3.49	-.96	-1.48	.60	.55	-.56	-.85
	SolV	21.80	5.93						0.00	1.59				.58	Maç=	67.75	(tm)
	SagV	14.38	2.62						0.00	1.59				.58	Xaç=	4.45	m
KB17	SolM	31.98	7.37	2.66	4.19	4.47	3.80	5.42	0.00	-3.10	-2.71	10.96	11.67	-.49	-.45	4.20	4.39
	SagM	45.71	9.62	4.04	4.82	5.39	5.92	6.42	0.00	-2.47	-2.17	10.99	11.54	-.39	-.37	4.14	4.23
	SolV	26.58	6.67						0.00	7.31				2.71	Maç=	79.38	(tm)
	SagV	22.27	3.97						0.00	7.31				2.71	Xaç=	3.17	m
KB22	SolM	110.66	25.35	11.06	12.75	14.83	15.62	17.17	0.00	-8.23	-6.35	9.35	12.82	-1.31	-1.04	3.19	4.55
	SagM	108.57	25.68	11.33	12.79	14.93	15.99	17.33	0.00	-7.79	-5.72	16.34	20.16	-1.26	-.95	6.18	7.72
	SolV	52.01	11.47						0.00	7.41				2.76	Maç=	193.09	(tm)
	SagV	46.37	11.42						0.00	7.41				2.76	Xaç=	4.45	m
KB24	SolM	-77.05	-16.70	-7.20	-8.35	-9.78	-10.12	-11.20	0.00	5.54	3.78	-44.60	-47.86	.90	.63	-18.59	-19.96
	SagM	-57.56	-11.98	-5.39	-5.82	-6.67	-7.40	-8.35	0.00	4.46	2.88	-37.53	-40.46	.73	.48	-15.59	-16.84
	SolV	-40.18	-8.54						0.00	27.59				11.50	Maç=	134.59	(tm)
	SagV	-43.93	-9.38						0.00	27.59				11.50	Xaç=	0.00	m
KB23	SolM	-79.52	-19.22	-8.02	-9.72	-11.84	-11.75	-11.91	0.00	4.65	3.85	-22.33	-23.82	.74	.62	-9.49	-10.11
	SagM	-156.08	-36.89	-15.44	-18.77	-22.56	-22.15	-23.70	0.00	7.87	6.36	-58.37	-61.17	1.25	1.02	-24.64	-25.80
	SolV	-99.80	-23.52						0.00	36.51				15.42	Maç=	142.08	(tm)
	SagV	-102.47	-24.65						0.00	36.51				15.42	Xaç=	0.00	m
KB16	SolM	79.88	17.41	7.58	8.49	10.63	10.52	10.98	0.00	9.99	7.18	28.29	23.09	1.65	1.22	11.58	9.39
	SagM	41.96	9.14	3.94	4.51	5.54	5.49	5.87	0.00	5.78	4.37	18.30	15.69	.94	.73	7.52	6.42
	SolV	57.04	12.42						0.00	21.66				8.88	Maç=	73.37	(tm)
	SagV	56.13	12.23						0.00	21.66				8.88	Xaç=	2.15	m
KB25	SolM	24.52	6.51	3.31	2.77	3.60	4.25	4.32	0.00	-2.77	-1.33	-8.43	-5.76	-.47	-.24	-4.06	-2.85
	SagM	25.33	6.34	2.45	3.36	4.41	3.63	3.57	0.00	-2.98	-1.49	-6.48	-3.72	-.50	-.26	-3.25	-2.00
	SolV	16.65	4.58						0.00	3.95				1.94	Maç=	45.61	(tm)
	SagV	9.80	2.24						0.00	3.95				1.94	Xaç=	3.78	m
KB26	SolM	-5.61	-1.75	-1.23	-.23	-.78	-1.62	-.53	0.00	-5.26	-4.15	-.10	1.95	-.86	-.67	-.58	.37
	SagM	-10.46	-3.22	-1.23	-1.74	-2.27	-1.56	-2.10	0.00	-5.00	-3.95	-1.48	.46	-.81	-.64	-1.12	-.22
	SolV	-.41	-.05						0.00	2.63				.44	Maç=	10.65	(tm)
	SagV	-7.58	-2.39						0.00	2.63				.44	Xaç=	0.00	m
KB27	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-11.33	-4.08	-.51	-3.45	-3.65	-3.65	-.61	0.00	15.08	15.12	-.29	-.21	2.35	2.36	-.13	-.09
	SolV	1.06	.28						0.00	0.00				0.00	Maç=	2.17	(tm)
	SagV	-4.99	-2.14						0.00	0.00				0.00	Xaç=	3.04	m
KB29	SolM	-50.24	-11.65	-4.91	-6.05	-6.91	-7.00	-8.01	0.00	3.06	1.18	-23.60	-27.07	.53	.24	-9.52	-10.98
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	40.41	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝÞt STATÝK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
KZ01	SolM	22.73	4.16	1.79	2.14	2.70	2.50	2.67	0.00	-6.79	-3.71	2.10	7.83	-1.15	-.67	.22	2.74
	SagM	18.36	3.36	1.16	1.94	1.86	1.81	2.55	0.00	-6.84	-4.09	1.38	6.50	-1.15	-.72	-.02	2.24
	SolV	13.24	2.63						0.00	3.65				1.27	Maç=	31.08	(tm)
	SagV	7.65	1.19						0.00	3.65				1.27	Xaç=	3.93	m
KZ04	SolM	17.87	3.82	1.56	2.01	2.29	2.14	2.71	0.00	44.87	48.58	7.53	14.42	6.88	7.46	2.70	5.69
	SagM	18.14	4.30	1.75	2.26	2.59	2.40	3.02	0.00	41.56	45.09	7.79	14.35	6.37	6.92	2.83	5.67
	SolV	12.16	2.41						0.00	27.76				4.26	Maç=	32.27	(tm)
	SagV	9.21	2.41						0.00	27.76				4.26	Xaç=	3.37	m
KZ03	SolM	31.20	7.31	3.21	3.69	4.38	4.49	4.93	0.00	14.24	17.09	10.24	15.53	2.17	2.61	3.87	6.17
	SagM	21.68	5.47	2.41	2.76	3.28	3.36	3.70	0.00	13.72	16.02	8.14	12.43	2.10	2.45	3.08	4.94
	SolV	16.27	3.55						0.00	9.19				3.08	Maç=	39.10	(tm)
	SagV	13.00	3.55						0.00	9.19				3.08	Xaç=	3.60	m
KZ05	SolM	28.15	6.08	2.70	2.85	3.72	3.68	3.69	0.00	11.03	8.53	8.80	4.15	1.85	1.46	3.88	1.87
	SagM	43.59	9.59	4.37	4.35	5.79	5.98	5.68	0.00	20.43	15.93	14.09	5.72	3.40	2.70	6.26	2.64
	SolV	22.86	4.78						0.00	9.19				2.96	Maç=	76.38	(tm)
	SagV	19.33	4.40						0.00	9.19				2.96	Xaç=	3.42	m
KZ06	SolM	-1.76	.13	.04	-.02	.15	.15	-.27	0.00	5.79	2.42	-3.14	-9.42	1.11	.59	-.85	-3.59
	SagM	-1.19	.43	.17	.15	.29	.31	.05	0.00	3.96	1.75	-1.24	-5.34	.76	.42	-.22	-2.01
	SolV	.52	.16						0.00	4.27				1.62	Maç=	2.99	(tm)
	SagV	-2.44	.16						0.00	4.27				1.62	Xaç=	.98	m
KZ08	SolM	-31.59	-8.15	-3.63	-3.77	-4.90	-5.01	-4.91	0.00	58.37	57.24	-8.07	-10.15	9.07	8.89	-3.19	-4.09
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	2.11	.25						0.00	0.00				0.00	Maç=	28.64	(tm)
	SagV	-1.23	-.13						0.00	0.00				0.00	Xaç=	.40	m
KZ09	SolM	6.90	2.41	1.07	1.18	1.44	1.56	1.50	0.00	3.10	3.20	2.70	2.90	.54	.55	1.11	1.19
	SagM	5.69	2.13	.95	1.05	1.27	1.39	1.33	0.00	2.76	2.87	2.47	2.66	.48	.50	1.01	1.09
	SolV	4.12	1.39						0.00	1.85				.70	Maç=	11.38	(tm)
	SagV	3.53	1.39						0.00	1.85				.70	Xaç=	3.28	m
KZ11	SolM	-76.77	-16.49	-7.30	-8.04	-9.44	-10.22	-11.01	0.00	5.69	3.97	-46.94	-50.12	.92	.66	-19.52	-20.87
	SagM	-74.26	-15.83	-6.78	-8.01	-9.30	-9.40	-10.88	0.00	5.06	3.35	-46.28	-49.45	.82	.56	-19.23	-20.58
	SolV	-44.48	-9.36						0.00	31.11				12.95	Maç=	133.85	(tm)
	SagV	-49.88	-10.83						0.00	31.11				12.95	Xaç=	0.00	m
KZ10	SolM	-82.42	-19.61	-8.33	-9.83	-11.71	-12.00	-12.61	0.00	6.66	5.02	-32.39	-35.42	1.07	.82	-13.52	-14.82
	SagM	-131.74	-30.98	-13.40	-15.36	-18.72	-19.01	-19.79	0.00	9.40	7.06	-55.33	-59.68	1.51	1.15	-23.07	-24.92
	SolV	-89.71	-20.99						0.00	40.42				16.89	Maç=	146.78	(tm)
	SagV	-92.17	-21.96						0.00	40.42				16.89	Xaç=	0.00	m
KZ07	SolM	59.86	12.64	5.67	5.98	7.66	7.78	7.86	0.00	11.52	8.03	17.75	11.28	1.90	1.36	7.46	4.69
	SagM	29.78	6.23	2.84	2.89	3.82	3.82	3.82	0.00	7.00	5.05	8.00	4.40	1.15	.85	3.33	1.80
	SolV	42.36	8.85						0.00	11.97				5.02	Maç=	51.66	(tm)
	SagV	40.83	8.66						0.00	11.97				5.02	Xaç=	2.15	m
KZ12	SolM	17.37	5.02	1.97	2.71	3.42	2.60	3.34	0.00	-1.71	-1.00	-13.02	-11.70	-.28	-.17	-5.75	-5.15
	SagM	13.85	3.64	2.14	1.09	1.74	2.94	1.79	0.00	-1.86	-.96	-15.87	-14.19	-.31	-.17	-6.99	-6.23
	SolV	12.73	3.87						0.00	7.60				3.35	Maç=	25.22	(tm)
	SagV	3.81	.73						0.00	7.60				3.35	Xaç=	3.80	m
KZ13	SolM	-15.05	-3.96	-1.28	-2.27	-1.78	-2.12	-3.20	0.00	-5.18	-4.44	-13.77	-12.39	-.83	-.71	-6.18	-5.54
	SagM	-21.43	-5.64	-2.96	-2.31	-3.63	-3.80	-3.12	0.00	-4.91	-4.21	-13.44	-12.14	-.78	-.67	-6.02	-5.41
	SolV	-4.25	-.95						0.00	6.97				3.13	Maç=	27.40	(tm)
	SagV	-14.26	-3.70						0.00	6.97				3.13	Xaç=	0.00	m
KA02	SolM	26.71	7.06	3.34	3.25	4.44	4.50	4.24	0.00	-8.96	-6.96	-4.20	-.47	-1.44	-1.13	-2.22	-.57
	SagM	26.78	6.89	2.83	3.48	4.06	3.80	4.76	0.00	-10.16	-8.09	-5.40	-1.55	-1.62	-1.30	-2.74	-1.04
	SolV	17.21	4.71						0.00	5.10				1.32	Maç=	48.52	(tm)
	SagV	10.83	2.22						0.00	5.10				1.32	Xaç=	3.75	m
KA01	SolM	16.62	3.41	1.14	2.14	1.47	2.62	2.47	0.00	-5.49	-3.00	-.64	4.00	-.93	-.54	-.86	1.19
	SagM	10.83	1.78	.85	.77	1.27	.90	1.07	0.00	-4.94	-3.09	-1.15	2.29	-.82	-.53	-.92	.60
	SolV	10.63	2.99						0.00	2.62				.45	Maç=	18.02	(tm)
	SagV	3.63	.15						0.00	2.62				.45	Xaç=	3.98	m
KA07	SolM	4.21	.65	.22	.47	.40	.40	.57	0.00	11.06	12.40	1.12	3.61	1.69	1.90	.29	1.37
	SagM	6.09	1.46	.62	.88	.94	.89	1.17	0.00	13.82	15.82	2.78	6.51	2.11	2.41	.89	2.52
	SolV	4.61	.62						0.00	8.29				1.27	Maç=	10.87	(tm)
	SagV	1.54	.62						0.00	8.29				1.27	Xaç=	3.40	m
KA06	SolM	4.24	.33	-.21	.56	.03	.12	.54	0.00	25.62	27.76	-2.90	1.08	3.90	4.23	-1.52	.21
	SagM	11.25	1.83	.69	1.03	1.19	.86	1.39	0.00	15.93	17.54	1.23	4.24	2.43	2.67	.27	1.57
	SolV	7.96	1.32						0.00	15.89				2.42	Maç=	18.67	(tm)
	SagV	2.81	.17						0.00	15.89				2.42	Xaç=	2.85	m
KA05	SolM	-46.18	-10.39	-4.33	-5.36	-5.83	-6.30	-7.25	0.00	41.29	42.38	-18.69	-16.66	6.33	6.49	-7.89	-7.00
	SagM	-56.77	-12.53	-5.97	-5.79	-7.53	-8.13	-7.87	0.00	41.89	43.08	-20.14	-17.93	6.42	6.61	-8.51	-7.54
	SolV	-18.45	-4.25						0.00	18.37				3.53	Maç=	81.27	(tm)
	SagV	-25.81	-5.61						0.00	18.37				3.53	Xaç=	0.00	m
KA04	SolM	42.97	9.62	4.18	4.81	5.82	5.71	6.45	0.00	17.85	20.35	13.06	17.69	2.70	3.08	5.09	7.10
	SagM	29.47	6.93	2.97	3.49	4.19	4.05	4.69	0.00	26.92	29.60	9.28	14.26	4.09	4.50	3.50	5.66
	SolV	23.28	4.98						0.00	15.02				3.84	Maç=	52.35	(tm)
	SagV	20.33	4.98						0.00	15.02				3.84	Xaç=	3.32	m
KA03	SolM	25.14	5.86	2.59	2.94	3.51	3.60	3.95	0.00	11.49	13.60	6.69	10.63	1.73	2.05	2.47	4.18
	SagM	17.52	4.45	1.95	2.24	2.67	2.70	3.01	0.00	9.28	10.86	5.10	8.04	1.40	1.64	1.89	3.16
	SolV	13.32	2.82						0.00	6.70				2.01	Maç=	31.64	(tm)
	SagV	9.95	2.82						0.00	6.70				2.01	Xaç=	3.65	m
KA08	SolM	8.13	1.86	.76	.98	1.11	1.11	1.28	0.00	4.54	3.68	-5.13	-6.76	.72	.58	-2.15	-2.89
	SagM	19.11	4.52	1.97	2.25	2.75	2.45	3.24	0.00	7.21	5.82	-8.20	-10.80	1.14	.92	-3.42	-4.62
	SolV	10.99	2.59						0.00	5.61				2.40	Maç=	33.98	(tm)
	SagV	6.50	1.50						0.00	5.61				2.40	Xaç=	3.13	m
KA09	SolM	-5.53	-1.51	-.98	-.39	-1.21	-.68	-.86	0.00	6.17	4.24	-9.40	-13.01	1.02	.72	-3.86	-5.48
	SagM	-1.28	-.45	-.18	-.27	-.06	-.45	-.38	0.00	7.19	5.35	-9.65	-13.10	1.17	.88	-3.98	-5.55
	SolV	1.91	.40						0.00	5.64				2.38	Maç=	11.52	(tm)
	SagV	-4.85	-1.25						0.00	5.64				2.38	Xaç=	1.50	m
KA10	SolM	-19.09	-4.23	-1.64	-2.22	-2.48	-2.41	-2.84	0.00	4.14	2.73	-7.26	-9.90	.72	.51	-2.80	-3.95
	SagM	-21.95	-4.43	-1.65	-2.40	-2.55	-2.55	-2.99	0.00	4.44	2.88	-7.57	-10.47	.78	.54	-2.91	-4.17
	SolV	-10.18	-2.49						0.00	5.86				2.34	Maç=	33.49	(tm)
	SagV	-13.40	-2.49						0.00	5.86				2.34	Xaç=	0.00	m
KA11	SolM	-20.92	-4.80	-2.07	-2.35	-2.89	-2.81	-3.15	0.00	3.45	2.05	-7.39	-9.99	.60	.39	-2.86	-4.00
	SagM	-15.56	-3.47	-1.35	-1.84	-1.95	-2.07	-2.37	0.00	2.08	1.03	-5.39	-7.35	.38	.22	-2.08	-2.94
	SolV	-11.26	-2.59						0.00	6.08				2.43	Maç=	36.97	(tm)
	SagV	-14.45	-3.27						0.00	6.08				2.43	Xaç=	0.00	m
KA12	SolM	26.13	5.93	2.18	3.41	3.33	3.56	4.29	0.00	-2.37	-.87	5.31	8.07	-.40	-.18	1.79	2.92
	SagM	28.98	6.74	2.89	3.42	4.14	3.92	4.57	0.00	-2.92	-1.70	.68	2.91	-.48	-.30	-.12	.78
	SolV	19.50	4.53						0.00	3.41				1.15	Maç=	51.35	(tm)
	SagV	14.85	3.31						0.00	3.41				1.15	Xaç=	3.22	m
KA13	SolM	27.10	5.91	2.62	2.78	3.62	3.57	3.60	0.00	7.47	5.27	9.66	5.55	1.25	.91	4.24	2.46
	SagM	38.89	8.61	3.69	4.12	5.16	5.12	5.35	0.00	16.43	12.51	15.03	7.72	2.71	2.10	6.65	3.49
	SolV	21.31	4.48						0.00	7.26				3.20	Maç=	68.21	(tm)
	SagV	17.78	4.10						0.00	7.26				3.20	Xaç=	3.40	m
KA14	SolM	-2.00	-.02	.03	-.14	.03	.06	-.31	0.00	4.83	2.04	-.37	-5.56	.88	.45	.27	-2.00
	SagM	-.91	.38	.20	.10	.27	.26	.06	0.00	3.35	1.59	.42	-2.86	.60	.33	.44	-1.00
	SolV	.57	.10						0.00	2.42				.86	Maç=	3.55	(tm)
	SagV	-2.44	.10						0.00	2.42				.86	Xaç=	.94	m
KA15	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-15.71	-4.07	-1.58	-2.18	-2.73	-2.13	-2.65	0.00	25.86	25.39	-2.91	-3.78	4.00	3.93	-1.14	-1.52
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	-5.91	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	.23	m
KA18	SolM	-19.92	-5.12	-2.38	-2.23	-2.92	-3.29	-3.01	0.00	42.41	41.64	-4.78	-6.20	6.56	6.44	-1.87	-2.49
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	19.01	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	.38	m
KA19	SolM	10.31	3.14	1.41	1.52	1.89	1.99	1.99	0.00	2.47	2.58	3.40	3.60	.41	.43	1.39	1.48
	SagM	8.11	2.83	1.28	1.37	1.72	1.78	1.81	0.00	2.16	2.27	3.02	3.22	.36	.38	1.24	1.32
	SolV	6.42	1.82						0.00	2.08				.86	Maç=	15.88	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kirie		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
KA28	SolM	1.03	.41	0.00	.41	.30	.11	.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	1.47	m
KA21	SolM	31.19	7.63	3.80	3.45	4.74	5.04	4.72	0.00	2.68	2.48	-4.31	-4.70	.42	.39	-1.94	-2.16
	SagM	27.40	6.44	2.37	3.66	3.33	3.60	5.14	0.00	3.39	3.17	-4.35	-4.78	.53	.50	-1.94	-2.17
	SolV	16.36	4.14						0.00	2.12				.97	Maç=	48.67	(tm)
	SagV	8.77	1.92						0.00	2.12				.97	Xaç=	4.48	m
KA17	SolM	14.35	2.92	.88	1.76	1.76	1.59	1.92	0.00	-1.42	-1.48	-3.69	-3.83	-.22	-.24	-1.87	-2.03
	SagM	20.97	4.25	1.67	2.16	2.94	2.02	2.68	0.00	-.83	-.95	-5.20	-5.47	-.13	-.15	-2.55	-2.79
	SolV	14.03	3.18						0.00	2.93				1.52	Maç=	36.16	(tm)
	SagV	8.15	1.27						0.00	2.93				1.52	Xaç=	3.17	m
KA22	SolM	99.44	22.79	9.95	11.45	13.35	14.02	15.44	0.00	-8.22	-6.00	5.18	9.27	-1.33	-.99	1.46	3.12
	SagM	96.47	23.27	10.32	11.54	13.74	14.28	15.70	0.00	-7.92	-5.77	9.79	13.76	-1.28	-.95	3.45	5.07
	SolV	47.66	10.35						0.00	5.17				1.84	Maç=	172.28	(tm)
	SagV	40.25	10.30						0.00	5.17				1.84	Xaç=	4.45	m
KA24	SolM	-81.19	-17.72	-7.62	-8.87	-10.24	-10.71	-12.03	0.00	5.68	3.92	-44.49	-47.75	.92	.65	-18.48	-19.85
	SagM	-74.51	-15.87	-7.00	-7.82	-9.23	-9.74	-10.67	0.00	4.89	3.30	-43.54	-46.47	.80	.55	-18.08	-19.32
	SolV	-46.77	-10.07						0.00	29.44				12.24	Maç=	142.01	(tm)
	SagV	-50.52	-10.91						0.00	29.44				12.24	Xaç=	0.00	m
KA23	SolM	-60.73	-14.80	-6.09	-7.65	-9.12	-8.66	-9.70	0.00	4.57	3.44	-22.65	-24.75	.74	.56	-9.56	-10.43
	SagM	-115.96	-27.44	-11.40	-14.14	-16.29	-16.64	-18.15	0.00	7.16	5.37	-48.50	-51.82	1.15	.88	-20.35	-21.73
	SolV	-73.66	-17.36						0.00	32.54				13.67	Maç=	108.70	(tm)
	SagV	-76.40	-18.51						0.00	32.54				13.67	Xaç=	0.00	m
KA16	SolM	36.48	7.38	3.28	3.46	4.47	4.52	4.49	0.00	8.84	6.03	9.67	4.47	1.46	1.03	3.95	1.75
	SagM	14.97	2.86	1.28	1.31	1.71	1.81	1.67	0.00	5.67	4.04	3.29	.29	.93	.68	1.30	.04
	SolV	24.61	4.84						0.00	6.75				2.44	Maç=	25.54	(tm)
	SagV	23.08	4.65						0.00	6.75				2.44	Xaç=	2.15	m
KA25	SolM	12.53	3.74	2.07	1.40	2.60	2.54	1.81	0.00	-1.70	-.93	-13.64	-12.21	-.28	-.16	-6.08	-5.41
	SagM	11.37	3.16	1.16	1.65	1.77	1.58	2.28	0.00	-1.77	-.82	-15.54	-13.75	-.30	-.15	-6.93	-6.10
	SolV	9.81	3.02						0.00	7.68				3.42	Maç=	20.97	(tm)
	SagV	2.86	.64						0.00	7.68				3.42	Xaç=	3.80	m
KA26	SolM	-17.05	-4.55	-2.29	-1.84	-3.23	-2.24	-2.78	0.00	-5.47	-4.71	-14.25	-12.80	-.87	-.75	-6.44	-5.75
	SagM	-23.20	-5.94	-2.36	-3.20	-3.17	-3.80	-4.15	0.00	-5.13	-4.43	-14.51	-13.18	-.81	-.70	-6.52	-5.88
	SolV	-5.55	-1.47						0.00	7.37				3.32	Maç=	31.15	(tm)
	SagV	-14.88	-3.81						0.00	7.37				3.32	Xaç=	0.00	m
KA27	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-10.18	-3.83	-.42	-3.30	-3.50	-.54	-3.39	0.00	13.90	13.94	-.33	-.25	2.14	2.15	-.14	-.11
	SolV	1.11	.30						0.00	0.00				0.00	Maç=	3.41	(tm)
	SagV	-5.13	-2.20						0.00	0.00				0.00	Xaç=	3.22	m
KA29	SolM	-51.43	-11.91	-5.01	-6.20	-7.01	-7.22	-8.19	0.00	3.14	1.21	-25.32	-28.89	.54	.25	-10.23	-11.74
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	41.36	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K102	SolM	17.02	4.63	1.90	2.42	2.54	3.04	3.06	0.00	-6.16	-4.76	-4.82	-2.23	-.99	-.77	-2.35	-1.20
	SagM	19.99	5.24	2.38	2.39	3.42	3.28	2.85	0.00	-8.02	-6.26	-6.97	-3.73	-1.28	-1.01	-3.33	-1.90
	SolV	12.81	3.61						0.00	3.75				1.50	Maç=	36.38	(tm)
	SagV	6.35	1.10						0.00	3.75				1.50	Xaç=	3.78	m
K101	SolM	13.76	2.88	1.48	1.32	1.76	1.20	2.63	0.00	-4.86	-2.76	-3.34	.54	-.81	-.49	-1.89	-.18
	SagM	7.48	1.17	.28	.78	.49	.88	.75	0.00	-3.84	-2.50	-2.92	-.44	-.63	-.42	-1.54	-.45
	SolV	9.06	2.71						0.00	2.17				.86	Maç=	12.34	(tm)
	SagV	1.98	-.16						0.00	2.17				.86	Xaç=	4.00	m
K107	SolM	8.07	1.58	.60	.96	.89	1.02	1.21	0.00	10.66	12.05	1.43	4.01	1.61	1.82	.39	1.51
	SagM	11.90	2.84	1.07	1.71	1.59	1.91	2.06	0.00	12.65	14.68	3.04	6.80	1.90	2.21	.97	2.60
	SolV	7.44	1.30						0.00	7.86				1.21	Maç=	21.19	(tm)
	SagV	4.38	1.30						0.00	7.86				1.21	Xaç=	3.40	m
K106	SolM	10.65	1.89	.80	1.00	1.26	.88	1.46	0.00	23.10	25.07	-2.85	.79	3.49	3.79	-1.50	.07
	SagM	15.39	2.87	.96	1.72	1.61	1.83	1.94	0.00	14.56	16.10	1.23	4.08	2.19	2.43	.26	1.49
	SolV	11.61	2.23						0.00	14.32				2.16	Maç=	26.14	(tm)
	SagV	6.36	1.05						0.00	14.32				2.16	Xaç=	2.88	m
K105	SolM	-43.54	-9.74	-4.50	-4.60	-5.95	-5.94	-6.30	0.00	40.44	41.55	-18.78	-16.73	6.17	6.34	-7.94	-7.05
	SagM	-53.43	-11.71	-4.85	-6.14	-6.42	-7.52	-8.06	0.00	40.21	41.35	-20.28	-18.17	6.14	6.31	-8.57	-7.65
	SolV	-17.26	-3.95						0.00	17.92				3.57	Maç=	76.54	(tm)
	SagV	-24.62	-5.31						0.00	17.92				3.57	Xaç=	0.00	m
K104	SolM	43.01	9.72	4.28	4.79	5.72	6.00	6.42	0.00	13.48	15.47	11.49	15.17	2.00	2.31	4.48	6.06
	SagM	25.14	6.00	2.59	2.97	3.53	3.60	4.00	0.00	20.31	22.12	6.44	9.78	3.06	3.34	2.41	3.85
	SolV	22.13	4.76						0.00	11.39				3.00	Maç=	44.78	(tm)
	SagV	19.18	4.76						0.00	11.39				3.00	Xaç=	3.30	m
K103	SolM	23.01	5.35	2.37	2.67	3.19	3.29	3.59	0.00	6.79	8.20	4.89	7.50	1.00	1.21	1.79	2.93
	SagM	15.36	3.85	1.71	1.91	2.32	2.36	2.57	0.00	6.24	7.30	3.55	5.52	.93	1.09	1.30	2.15
	SolV	12.11	2.50						0.00	4.21				1.38	Maç=	27.67	(tm)
	SagV	8.69	2.50						0.00	4.21				1.38	Xaç=	3.68	m
K108	SolM	3.92	.89	.34	.51	.52	.52	.65	0.00	4.71	3.64	-5.43	-7.41	.75	.59	-2.22	-3.11
	SagM	9.09	2.23	.75	1.32	1.27	1.53	1.34	0.00	7.12	5.27	-8.95	-12.35	1.14	.85	-3.64	-5.16
	SolV	6.44	1.55						0.00	6.32				2.65	Maç=	16.30	(tm)
	SagV	1.95	.46						0.00	6.32				2.65	Xaç=	3.13	m
K109	SolM	-11.38	-2.91	-1.07	-1.62	-1.52	-2.20	-1.67	0.00	7.24	5.16	-9.52	-13.36	1.18	.86	-3.82	-5.52
	SagM	-7.97	-2.02	-1.07	-.84	-1.30	-1.14	-1.40	0.00	6.52	4.87	-7.95	-11.01	1.05	.80	-3.22	-4.58
	SolV	-.76	-.23						0.00	5.24				2.17	Maç=	20.60	(tm)
	SagV	-7.60	-1.90						0.00	5.24				2.17	Xaç=	0.00	m
K110	SolM	-19.11	-4.23	-1.61	-2.25	-2.48	-2.38	-2.86	0.00	4.33	2.77	-6.27	-9.18	.74	.50	-2.36	-3.62
	SagM	-20.70	-4.14	-1.61	-2.17	-2.47	-2.22	-2.86	0.00	4.31	2.70	-6.23	-9.23	.74	.49	-2.33	-3.63
	SolV	-9.83	-2.41						0.00	5.29				2.08	Maç=	33.52	(tm)
	SagV	-13.04	-2.41						0.00	5.29				2.08	Xaç=	0.00	m
K111	SolM	-21.07	-4.84	-1.94	-2.52	-2.75	-2.94	-3.22	0.00	3.63	2.14	-6.47	-9.23	.62	.39	-2.45	-3.65
	SagM	-17.73	-3.96	-1.69	-1.96	-2.38	-2.24	-2.69	0.00	2.62	1.36	-5.24	-7.56	.45	.26	-1.98	-2.99
	SolV	-12.07	-2.78						0.00	5.89				2.33	Maç=	37.25	(tm)
	SagV	-15.27	-3.46						0.00	5.89				2.33	Xaç=	0.00	m
K112	SolM	22.43	5.10	2.22	2.58	3.22	2.66	3.71	0.00	-2.40	-.90	5.03	7.81	-.41	-.18	1.70	2.85
	SagM	24.88	5.78	2.31	3.10	3.35	3.53	3.93	0.00	-3.07	-1.83	.49	2.77	-.51	-.32	-.17	.76
	SolV	17.08	3.98						0.00	3.28				1.12	Maç=	44.08	(tm)
	SagV	12.44	2.75						0.00	3.28				1.12	Xaç=	3.22	m
K113	SolM	25.05	5.50	2.51	2.51	3.36	3.38	3.31	0.00	3.78	2.17	9.90	6.93	.64	.39	4.30	3.02
	SagM	38.16	8.45	3.93	3.75	5.28	5.06	5.02	0.00	12.00	8.85	17.34	11.51	1.95	1.47	7.57	5.06
	SolV	20.87	4.40						0.00	8.20				3.57	Maç=	66.95	(tm)
	SagV	17.35	4.02						0.00	8.20				3.57	Xaç=	3.32	m
K114	SolM	-1.74	-.06	0.00	-.13	-.05	.05	-.27	0.00	3.78	1.72	2.50	-1.32	.65	.33	1.39	-.26
	SagM	-.14	.48	.22	.17	.29	.36	.13	0.00	3.07	1.63	2.40	-.27	.51	.29	1.23	.08
	SolV	.99	.12						0.00	1.93				.74	Maç=	3.67	(tm)
	SagV	-2.18	.12						0.00	1.93				.74	Xaç=	1.35	m
K115	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-13.48	-3.51	-1.81	-1.43	-2.32	-2.36	-1.81	0.00	24.11	23.70	-2.09	-2.85	3.71	3.65	-.80	-1.13
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	-4.06	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	.23	m
K118	SolM	-16.27	-4.21	-1.63	-2.14	-2.46	-2.31	-2.77	0.00	39.53	38.85	-3.43	-4.67	6.08	5.98	-1.32	-1.86
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	16.26	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	.38	m
K119	SolM	13.83	3.88	1.75	1.87	2.31	2.48	2.46	0.00	2.88	2.96	4.46	4.61	.44	.45	1.83	1.90
	SagM	10.60	3.32	1.49	1.60	1.98	2.13	2.08	0.00	2.45	2.53	3.82	3.95	.37	.38	1.57	1.63
	SolV	8.10	2.13						0.00	2.53				1.04	Maç=	20.15	(tm)
	SagV	6.28	2.13						0.00	2.53				1.04	Xaç=	3.38	m
K120	SolM	-22.33	-5.54	-2.68	-2.49	-3.39	-3.25	-3.69	0.00	8.70	8.29	-4.73	-5.49	1.38	1.32	-1.86	-2.19
	SagM	-11.61	-3.73	-1.56	-1.99	-1.89	-2.57	-2.65	0.00	1.86	1.85	-.80	-.81	.30	.30	-.30	-.30
	SolV	-9.62	-2.32						0.00	3.64				.86	Maç=	40.12	(tm)

FŸRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KŸRŸPt STATŸK HESAP SONUÇLARI

Kirlş		GGGGGG	QQQQQQ	Q Q Q	Q Q Q	QQ QQ	QQ QQ	Q QQ Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K121	SolM	22.69	5.68	2.29	3.12	2.91	3.85	4.06	0.00	2.39	2.18	-4.06	-4.44	.37	.34	-1.78	-1.97
	SagM	17.40	4.12	2.35	1.50	2.99	2.33	2.38	0.00	2.88	2.66	-3.90	-4.32	.45	.42	-1.69	-1.90
	SolV	12.21	3.19						0.00	1.93				.86	Maç=	30.95	(tm)
	SagV	4.44	.90						0.00	1.93				.86	Xaç=	4.53	m
K117	SolM	3.03	.30	-.40	.59	0.00	-.18	.56	0.00	-1.25	-1.26	-2.22	-2.25	-.19	-.20	-1.16	-1.23
	SagM	8.34	1.28	-.12	1.17	.51	.76	.83	0.00	-.82	-.93	-4.32	-4.53	-.12	-.15	-2.08	-2.25
	SolV	6.54	1.44						0.00	2.13				1.10	Maç=	13.72	(tm)
	SagV	.57	-.50						0.00	2.13				1.10	Xaç=	3.17	m
K122	SolM	92.97	21.21	9.31	10.62	12.43	13.09	14.33	0.00	-8.53	-6.28	5.66	9.84	-1.37	-1.03	1.72	3.44
	SagM	89.28	21.62	9.34	10.98	12.54	13.55	14.54	0.00	-8.13	-5.98	10.04	14.01	-1.31	-.98	3.61	5.25
	SolV	44.59	9.62						0.00	5.36				1.95	Maç=	159.59	(tm)
	SagV	37.19	9.58						0.00	5.36				1.95	Xaç=	4.45	m
K124	SolM	-65.78	-14.44	-6.26	-7.18	-8.47	-8.74	-9.67	0.00	4.61	3.32	-33.31	-35.69	.74	.55	-13.81	-14.80
	SagM	-67.87	-14.49	-6.27	-7.26	-8.29	-8.90	-9.87	0.00	4.49	3.25	-36.96	-39.25	.73	.54	-15.33	-16.29
	SolV	-39.50	-8.54						0.00	23.23				9.64	Maç=	115.19	(tm)
	SagV	-43.32	-9.39						0.00	23.23				9.64	Xaç=	0.00	m
K123	SolM	-43.46	-10.73	-4.59	-5.39	-6.64	-6.59	-6.72	0.00	2.88	2.07	-16.59	-18.09	.47	.34	-6.99	-7.60
	SagM	-93.62	-22.14	-9.71	-10.93	-13.53	-13.19	-14.55	0.00	4.89	3.60	-40.02	-42.40	.79	.59	-16.75	-17.71
	SolV	-55.57	-13.06						0.00	25.17				10.53	Maç=	78.01	(tm)
	SagV	-58.44	-14.27						0.00	25.17				10.53	Xaç=	0.00	m
K116	SolM	18.83	3.47	1.73	1.41	2.23	2.09	1.94	0.00	5.89	3.88	6.92	3.21	.97	.66	2.82	1.28
	SagM	4.42	.61	.41	.09	.41	.34	.26	0.00	3.76	2.72	1.08	-.85	.61	.45	.39	-.41
	SolV	11.77	2.02						0.00	4.59				1.52	Maç=	7.16	(tm)
	SagV	10.24	1.83						0.00	4.59				1.52	Xaç=	2.10	m
K125	SolM	9.18	2.86	1.16	1.50	1.45	2.05	1.82	0.00	-1.51	-.80	-12.70	-11.39	-.25	-.14	-5.63	-5.02
	SagM	7.03	2.13	1.27	.59	1.78	1.20	.75	0.00	-1.50	-.58	-15.62	-13.93	-.26	-.12	-6.90	-6.12
	SolV	7.79	2.52						0.00	7.50				3.32	Maç=	13.25	(tm)
	SagV	.84	.14						0.00	7.50				3.32	Xaç=	3.78	m
K126	SolM	-21.09	-5.41	-2.05	-2.89	-3.08	-3.72	-3.07	0.00	-5.27	-4.53	-17.00	-15.65	-.83	-.72	-7.52	-6.87
	SagM	-26.06	-6.51	-3.21	-2.88	-4.22	-3.53	-4.43	0.00	-4.83	-4.18	-16.75	-15.54	-.76	-.66	-7.39	-6.80
	SolV	-7.16	-1.79						0.00	8.59				3.80	Maç=	38.18	(tm)
	SagV	-16.61	-4.16						0.00	8.59				3.80	Xaç=	0.00	m
K127	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-8.44	-3.39	-3.11	-.20	-3.22	-3.19	-.23	0.00	12.01	12.05	.03	.10	1.84	1.85	0.00	.03
	SolV	1.15	.32						0.00	0.00				0.00	Maç=	4.95	(tm)
	SagV	-5.22	-2.23						0.00	0.00				0.00	Xaç=	3.42	m
K129	SolM	-52.71	-12.20	-5.22	-6.27	-7.25	-7.31	-8.40	0.00	3.23	1.27	-25.79	-29.41	.56	.26	-10.41	-11.94
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	41.47	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K202	SolM	15.63	4.29	2.05	1.96	2.65	2.47	2.90	0.00	-5.22	-3.83	-4.96	-2.40	-.84	-.63	-2.26	-1.17
	SagM	17.79	4.74	1.96	2.36	2.32	3.26	3.07	0.00	-6.49	-4.80	-6.92	-3.80	-1.05	-.79	-3.12	-1.79
	SolV	11.85	3.39						0.00	3.15				1.43	Maç=	32.50	(tm)
	SagV	5.40	.88						0.00	3.15				1.43	Xaç=	3.78	m
K201	SolM	12.98	2.67	.94	1.65	2.22	1.61	1.35	0.00	-4.44	-2.41	-3.93	-.18	-.74	-.43	-1.95	-.35
	SagM	7.14	1.10	.54	.45	.52	.49	.97	0.00	-3.57	-2.23	-3.43	-.98	-.58	-.38	-1.63	-.59
	SolV	8.78	2.64						0.00	2.00				.90	Maç=	11.75	(tm)
	SagV	1.70	-.23						0.00	2.00				.90	Xaç=	4.00	m
K207	SolM	4.67	.86	.34	.52	.48	.54	.71	0.00	7.83	8.75	.92	2.63	1.15	1.29	.25	.98
	SagM	8.02	2.04	.93	1.07	1.11	1.23	1.66	0.00	9.21	10.71	2.82	5.59	1.34	1.57	.96	2.14
	SolV	5.29	.83						0.00	5.60				.90	Maç=	14.49	(tm)
	SagV	2.08	.83						0.00	5.60				.90	Xaç=	3.48	m
K206	SolM	7.45	1.23	.29	.87	.76	.75	.80	0.00	19.80	21.59	-2.81	.50	2.92	3.19	-1.42	-.02
	SagM	14.92	2.79	1.17	1.44	1.43	1.62	2.15	0.00	12.63	14.15	1.58	4.39	1.84	2.07	.44	1.62
	SolV	10.52	2.00						0.00	12.65				1.86	Maç=	25.35	(tm)
	SagV	5.27	.83						0.00	12.65				1.86	Xaç=	2.83	m
K205	SolM	-40.36	-9.02	-3.77	-4.65	-5.04	-5.96	-5.84	0.00	37.56	38.60	-17.74	-15.83	5.69	5.84	-7.49	-6.67
	SagM	-50.27	-11.00	-5.34	-4.99	-6.78	-6.44	-7.44	0.00	35.34	36.29	-19.11	-17.35	5.35	5.50	-8.04	-7.30
	SolV	-15.89	-3.64						0.00	16.19				3.36	Maç=	70.94	(tm)
	SagV	-23.25	-5.00						0.00	16.19				3.36	Xaç=	0.00	m
K204	SolM	39.37	8.86	3.82	4.45	5.08	5.37	6.08	0.00	7.67	9.20	10.99	13.81	1.08	1.31	4.36	5.55
	SagM	16.08	3.85	1.62	1.93	2.21	2.26	2.64	0.00	16.40	17.61	4.37	6.61	2.43	2.62	1.66	2.61
	SolV	18.52	3.91						0.00	8.25				2.51	Maç=	28.67	(tm)
	SagV	15.57	3.91						0.00	8.25				2.51	Xaç=	3.25	m
K203	SolM	15.27	3.50	1.58	1.73	2.11	2.18	2.34	0.00	5.43	6.38	3.26	5.01	.77	.91	1.20	1.94
	SagM	10.91	2.80	1.25	1.39	1.66	1.71	1.90	0.00	5.42	6.24	2.64	4.16	.78	.90	.97	1.62
	SolV	8.74	1.68						0.00	3.36				.95	Maç=	19.75	(tm)
	SagV	5.17	1.68						0.00	3.36				.95	Xaç=	3.75	m
K208	SolM	2.29	.52	.16	.33	.29	.30	.39	0.00	3.53	2.52	-4.64	-6.49	.57	.42	-1.83	-2.62
	SagM	7.22	1.87	.93	.81	.81	1.10	1.57	0.00	3.27	2.02	-5.48	-7.78	.54	.35	-2.18	-3.18
	SolV	5.32	1.32						0.00	4.56				1.86	Maç=	13.10	(tm)
	SagV	.83	.22						0.00	4.56				1.86	Xaç=	3.13	m
K209	SolM	-8.01	-2.14	-1.19	-.77	-.89	-1.18	-1.85	0.00	5.52	3.94	-7.17	-10.09	.89	.65	-2.81	-4.05
	SagM	-4.77	-1.26	-.54	-.65	-.83	-.86	-.70	0.00	5.01	3.66	-6.45	-8.94	.81	.60	-2.53	-3.59
	SolV	.69	.11						0.00	4.07				1.63	Maç=	13.38	(tm)
	SagV	-6.23	-1.58						0.00	4.07				1.63	Xaç=	.82	m
K210	SolM	-13.92	-3.07	-1.17	-1.63	-1.81	-1.72	-2.07	0.00	4.21	3.00	-4.57	-6.81	.66	.48	-1.72	-2.68
	SagM	-15.68	-3.04	-1.07	-1.70	-1.86	-1.71	-1.97	0.00	4.62	3.31	-4.55	-6.97	.72	.53	-1.71	-2.73
	SolV	-6.82	-1.74						0.00	3.93				1.54	Maç=	24.40	(tm)
	SagV	-10.08	-1.74						0.00	3.93				1.54	Xaç=	0.00	m
K211	SolM	-15.56	-3.61	-1.56	-1.76	-2.06	-2.08	-2.51	0.00	3.19	2.01	-4.91	-7.09	.50	.32	-1.86	-2.80
	SagM	-11.30	-2.51	-.94	-1.37	-1.50	-1.50	-1.61	0.00	2.07	1.15	-3.55	-5.25	.33	.19	-1.34	-2.07
	SolV	-7.95	-1.86						0.00	4.37				1.72	Maç=	27.57	(tm)
	SagV	-11.15	-2.53						0.00	4.37				1.72	Xaç=	0.00	m
K212	SolM	22.64	5.07	1.90	2.89	3.22	3.06	3.29	0.00	-1.99	-.72	5.60	7.95	-.35	-.15	2.09	3.08
	SagM	20.16	4.69	2.01	2.38	2.71	2.75	3.33	0.00	-2.29	-1.50	-.37	1.09	-.38	-.25	-.31	.29
	SolV	15.72	3.64						0.00	2.80				1.04	Maç=	35.72	(tm)
	SagV	11.04	2.41						0.00	2.80				1.04	Xaç=	3.22	m
K213	SolM	21.85	4.87	2.12	2.33	2.87	3.00	3.04	0.00	1.61	.50	8.23	6.17	.25	.08	3.55	2.68
	SagM	36.17	8.02	3.46	3.84	4.74	5.02	4.86	0.00	11.02	8.32	15.51	10.52	1.70	1.29	6.76	4.65
	SolV	19.70	4.17						0.00	7.31				3.17	Maç=	63.47	(tm)
	SagV	16.18	3.79						0.00	7.31				3.17	Xaç=	3.25	m
K214	SolM	.94	.47	.27	.11	.28	.35	.14	0.00	6.12	4.11	2.48	-1.22	.92	.62	1.33	-.23
	SagM	1.42	.78	.38	.30	.43	.53	.41	0.00	3.90	2.63	2.33	-.01	.59	.40	1.15	.17
	SolV	2.24	.35						0.00	2.78				.69	Maç=	3.23	(tm)
	SagV	-1.02	.35						0.00	2.78				.69	Xaç=	2.59	m
K215	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-12.24	-3.19	-1.27	-1.68	-1.71	-2.09	-2.09	0.00	22.70	22.34	-1.80	-2.46	3.46	3.41	-.70	-.98
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	-3.08	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	.23	m
K218	SolM	-14.23	-3.69	-1.88	-1.41	-2.60	-2.09	-1.88	0.00	37.21	36.62	-2.95	-4.04	5.67	5.58	-1.14	-1.60
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	14.62	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	.38	m
K219	SolM	11.69	3.27	1.47	1.59	1.92	2.09	2.11	0.00	3.84	3.95	3.68	3.89	.53	.55	1.50	1.60
	SagM	8.68	2.78	1.26	1.35	1.61	1.80	1.81	0.00	3.16	3.27	3.06	3.25	.44	.45	1.25	1.33
	SolV	6.83	1.77						0.00	2.11				.85	Maç=	16.61	(tm)
	SagV	4.95	1.77						0.00	2.11				.85	Xaç=	3.43	m
K220	SolM	-13.95	-3.64	-1.48	-1.95	-2.06	-2.49	-2.31	0.00	5.82	5.73	-2.51	-2.69	.84	.83	-1.02	-1.09
	SagM	-3.97	-2.01	-1.18	-.77	-1.35	-.97	-1.57	0.00	-.43	-.18	1.00	1.45	-.11	-.07	.39	.58
	SolV	-4.21	-1.10						0.00	1.96				.27	Maç=	25.35	(tm)
	SagV	-8.58	-2.97						0.00	1.96				.27	Xaç=	0.00	m
K228	SolM	1.01	.40	0.00	.40	.11	.40	.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝÞt STATÝK HESAP SONUÇLARI

Kifis		GGGGGG	OOOOOO	O_O_O_	_O_O_O	OO_OO_	_OO_OO	O_OO_O	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K217	SolM	2.08	.15	.06	.01	.49	-.54	.20	0.00	-.93	-1.05	-1.07	-1.28	-.14	-.15	-.48	-.58
	SagM	8.03	1.30	.49	.59	.66	.25	1.26	0.00	-.36	-.73	-4.30	-4.97	-.05	-.10	-1.83	-2.13
	SolV	6.19	1.41						0.00	1.98				.86	Maç=	12.54	(tm)
	SagV	.23	-.53						0.00	1.98				.86	Xaç=	2.71	m
K222	SolM	69.40	15.71	6.81	7.95	9.14	9.75	10.63	0.00	-6.45	-4.94	4.11	6.91	-1.03	-.80	1.41	2.58
	SagM	69.87	17.06	7.62	8.41	9.87	10.46	11.74	0.00	-6.36	-4.83	8.76	11.60	-1.02	-.78	3.36	4.54
	SolV	34.68	7.28						0.00	4.11				1.58	Maç=	125.10	(tm)
	SagV	27.09	7.23						0.00	4.11				1.58	Xaç=	4.50	m
K224	SolM	-53.66	-11.74	-5.06	-5.87	-6.83	-7.17	-7.87	0.00	4.26	3.20	-26.31	-28.27	.69	.52	-10.79	-11.61
	SagM	-60.59	-12.85	-5.63	-6.36	-7.54	-7.71	-8.73	0.00	4.52	3.47	-32.99	-34.93	.73	.57	-13.57	-14.38
	SolV	-33.17	-7.12						0.00	19.44				8.00	Maç=	93.91	(tm)
	SagV	-37.05	-7.99						0.00	19.44				8.00	Xaç=	0.00	m
K223	SolM	-31.30	-7.93	-3.19	-4.19	-4.51	-4.93	-5.32	0.00	2.61	1.85	-13.87	-15.27	.42	.31	-5.66	-6.24
	SagM	-75.67	-17.90	-7.40	-9.30	-10.72	-11.10	-11.58	0.00	4.59	3.46	-34.82	-36.91	.74	.57	-14.32	-15.19
	SolV	-42.56	-10.02						0.00	21.49				8.83	Maç=	56.50	(tm)
	SagV	-45.49	-11.24						0.00	21.49				8.83	Xaç=	0.00	m
K216	SolM	19.77	3.84	1.64	1.85	2.32	2.46	2.20	0.00	4.20	2.69	6.05	3.26	.68	.45	2.62	1.45
	SagM	3.90	.55	.22	.25	.38	.38	.19	0.00	2.77	2.08	-.14	-1.42	.44	.34	0.00	-.53
	SolV	11.99	2.17						0.00	3.32				1.25	Maç=	6.34	(tm)
	SagV	10.43	1.98						0.00	3.32				1.25	Xaç=	2.10	m
K225	SolM	9.64	2.89	1.65	1.05	1.98	1.48	1.94	0.00	-.86	-.21	-11.05	-9.85	-.15	-.05	-4.72	-4.20
	SagM	8.25	2.39	.92	1.21	1.10	1.89	1.27	0.00	-.57	.28	-13.64	-12.09	-.11	.01	-5.83	-5.16
	SolV	8.23	2.60						0.00	6.54				2.79	Maç=	15.38	(tm)
	SagV	1.28	.22						0.00	6.54				2.79	Xaç=	3.78	m
K226	SolM	-18.71	-4.84	-2.30	-2.11	-2.38	-2.82	-3.61	0.00	-4.45	-3.73	-16.83	-15.51	-.70	-.59	-7.18	-6.60
	SagM	-24.40	-6.11	-2.41	-3.31	-3.84	-4.01	-3.57	0.00	-4.16	-3.48	-17.38	-16.13	-.65	-.55	-7.39	-6.84
	SolV	-6.13	-1.55						0.00	8.71				3.71	Maç=	33.94	(tm)
	SagV	-15.58	-3.92						0.00	8.71				3.71	Xaç=	0.00	m
K227	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-7.78	-3.23	-.21	-2.96	-.28	-3.07	-2.98	0.00	10.83	10.88	.22	.30	1.64	1.65	.08	.12
	SolV	1.19	.33						0.00	0.00				0.00	Maç=	5.81	(tm)
	SagV	-5.30	-2.27						0.00	0.00				0.00	Xaç=	3.52	m
K229	SolM	-51.81	-12.02	-5.03	-6.28	-7.14	-7.30	-8.18	0.00	3.26	1.31	-25.48	-29.09	.56	.26	-10.26	-11.79
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	41.68	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K302	SolM	12.66	3.50	1.44	1.85	2.24	2.26	2.06	0.00	-3.94	-2.70	-4.66	-2.36	-.64	-.46	-1.97	-1.04
	SagM	12.41	3.58	1.60	1.66	2.21	1.81	2.50	0.00	-4.09	-2.92	-5.42	-3.26	-.66	-.49	-2.29	-1.41
	SolV	9.64	2.87						0.00	2.67				1.13	Maç=	23.10	(tm)
	SagV	3.19	.37						0.00	2.67				1.13	Xaç=	3.78	m
K301	SolM	8.89	1.80	.95	.84	.63	1.75	1.21	0.00	-2.77	-1.27	-3.00	-.21	-.46	-.24	-1.34	-.20
	SagM	6.05	.89	.19	.61	.67	.44	.50	0.00	-2.89	-1.61	-3.88	-1.51	-.48	-.29	-1.65	-.69
	SolV	7.49	2.37						0.00	1.72				.75	Maç=	9.05	(tm)
	SagV	.41	-.50						0.00	1.72				.75	Xaç=	3.60	m
K307	SolM	3.57	.63	.24	.39	.37	.40	.50	0.00	7.49	8.27	.56	2.01	1.07	1.18	.13	.72
	SagM	6.76	1.80	.68	1.11	1.17	1.13	1.27	0.00	7.85	9.09	2.47	4.78	1.10	1.29	.85	1.80
	SolV	4.63	.70						0.00	4.96				.72	Maç=	12.35	(tm)
	SagV	1.36	.70						0.00	4.96				.72	Xaç=	3.50	m
K306	SolM	4.54	.60	.25	.31	.21	.32	.58	0.00	17.18	18.62	-3.08	-.42	2.49	2.70	-1.46	-.37
	SagM	13.38	2.40	.80	1.43	1.44	1.28	1.74	0.00	10.09	11.31	1.74	4.01	1.43	1.61	.56	1.49
	SolV	8.94	1.64						0.00	10.59				1.52	Maç=	22.57	(tm)
	SagV	3.69	.47						0.00	10.59				1.52	Xaç=	2.83	m
K305	SolM	-33.27	-7.47	-3.45	-3.51	-4.10	-4.50	-5.32	0.00	29.16	29.80	-14.83	-13.64	4.39	4.48	-6.21	-5.73
	SagM	-44.33	-9.65	-3.86	-5.19	-5.74	-6.38	-5.98	0.00	25.94	26.43	-16.44	-15.53	3.90	3.98	-6.86	-6.50
	SolV	-12.85	-2.97						0.00	12.03				2.80	Maç=	58.53	(tm)
	SagV	-20.38	-4.36						0.00	12.03				2.80	Xaç=	0.00	m
K304	SolM	33.77	7.72	3.55	3.65	4.83	4.47	5.10	0.00	3.38	4.53	9.77	11.88	.40	.57	3.91	4.78
	SagM	10.22	2.54	1.16	1.16	1.58	1.36	1.70	0.00	15.29	16.26	2.74	4.55	2.22	2.36	1.04	1.77
	SolV	15.32	3.23						0.00	6.55				2.06	Maç=	18.36	(tm)
	SagV	12.37	3.23						0.00	6.55				2.06	Xaç=	3.17	m
K303	SolM	12.52	2.82	1.26	1.41	1.66	1.77	1.92	0.00	5.78	6.60	2.65	4.19	.79	.91	.97	1.60
	SagM	9.52	2.44	1.08	1.22	1.47	1.48	1.64	0.00	5.69	6.52	2.27	3.80	.80	.92	.82	1.45
	SolV	7.64	1.39						0.00	3.47				.81	Maç=	17.23	(tm)
	SagV	4.01	1.39						0.00	3.47				.81	Xaç=	3.78	m
K308	SolM	1.08	.24	.08	.15	.13	.11	.21	0.00	2.69	1.60	-4.26	-6.28	.44	.29	-1.54	-2.35
	SagM	7.61	2.00	.63	1.23	1.44	.93	1.34	0.00	-.01	-.55	-.90	-1.89	.02	-.06	-.26	-.65
	SolV	5.07	1.27						0.00	2.66				.97	Maç=	13.85	(tm)
	SagV	.57	.18						0.00	2.66				.97	Xaç=	3.08	m
K309	SolM	-9.20	-2.41	-.82	-1.41	-1.74	-1.19	-1.53	0.00	4.07	2.78	-6.46	-8.85	.65	.46	-2.43	-3.39
	SagM	-4.93	-1.27	-.67	-.53	-.66	-.86	-.89	0.00	4.31	2.91	-6.44	-9.04	.70	.49	-2.39	-3.44
	SolV	.54	.08						0.00	3.78				1.44	Maç=	14.92	(tm)
	SagV	-6.53	-1.64						0.00	3.78				1.44	Xaç=	.69	m
K310	SolM	-8.18	-1.80	-.66	-.98	-1.06	-1.01	-1.20	0.00	3.98	3.16	-2.85	-4.36	.58	.46	-1.08	-1.70
	SagM	-10.98	-2.00	-.76	-1.05	-1.10	-1.16	-1.36	0.00	4.61	3.56	-3.17	-5.11	.68	.53	-1.18	-1.98
	SolV	-3.76	-1.08						0.00	2.68				1.04	Maç=	14.33	(tm)
	SagV	-7.08	-1.08						0.00	2.68				1.04	Xaç=	0.00	m
K311	SolM	-11.60	-2.75	-1.09	-1.44	-1.68	-1.59	-1.79	0.00	3.63	2.63	-3.83	-5.69	.53	.38	-1.45	-2.22
	SagM	-6.76	-1.48	-.64	-.72	-.82	-.86	-1.04	0.00	1.89	1.22	-2.17	-3.42	.27	.17	-.81	-1.33
	SolV	-4.87	-1.17						0.00	3.20				1.24	Maç=	20.64	(tm)
	SagV	-8.12	-1.85						0.00	3.20				1.24	Xaç=	0.00	m
K312	SolM	20.26	4.49	1.99	2.24	2.48	2.75	3.23	0.00	-1.65	-.57	5.78	7.76	-.29	-.12	2.31	3.15
	SagM	15.13	3.54	1.46	1.85	2.15	2.06	2.41	0.00	-1.83	-1.34	-.98	-.08	-.30	-.22	-.39	0.00
	SolV	13.42	3.10						0.00	2.38				.98	Maç=	26.84	(tm)
	SagV	8.74	1.87						0.00	2.38				.98	Xaç=	3.22	m
K313	SolM	20.87	4.69	2.15	2.14	2.87	2.79	2.94	0.00	1.25	.22	7.78	5.87	.16	0.00	3.36	2.57
	SagM	31.81	7.12	3.29	3.19	4.20	4.23	4.53	0.00	11.37	9.07	13.88	9.62	1.68	1.33	6.05	4.29
	SolV	18.06	3.83						0.00	6.67				2.90	Maç=	55.93	(tm)
	SagV	14.54	3.45						0.00	6.67				2.90	Xaç=	3.25	m
K314	SolM	-.62	.10	.01	.05	.03	.17	-.08	0.00	6.17	4.66	1.29	-1.50	.86	.64	.74	-.39
	SagM	1.44	.64	.27	.30	.39	.42	.35	0.00	3.45	2.61	1.59	.03	.49	.36	.77	.14
	SolV	1.83	.21						0.00	2.65				.42	Maç=	4.06	(tm)
	SagV	-1.49	.21						0.00	2.65				.42	Xaç=	2.14	m
K315	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-10.26	-2.65	-1.36	-1.08	-1.78	-1.40	-1.70	0.00	19.48	19.18	-1.51	-2.06	2.94	2.90	-.59	-.82
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	-1.45	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	.23	m
K318	SolM	-11.00	-2.80	-.89	-1.56	-1.38	-2.09	-1.45	0.00	31.94	31.45	-2.48	-3.38	4.82	4.75	-.97	-1.34
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	12.10	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	.38	m
K319	SolM	7.60	2.14	.96	1.04	1.27	1.36	1.37	0.00	5.04	5.14	2.33	2.49	.68	.69	.95	1.02
	SagM	4.97	1.72	.77	.84	1.04	1.08	1.11	0.00	3.81	3.90	1.82	1.98	.51	.52	.74	.81
	SolV	4.52	1.09						0.00	2.54				.51	Maç=	9.71	(tm)
	SagV	2.47	1.09						0.00	2.54				.51	Xaç=	3.55	m
K320	SolM	-11.42	-2.99	-1.53	-1.28	-1.62	-1.79	-2.21	0.00	7.63	7.51	-2.16	-2.39	1.05	1.04	-.89	-.98
	SagM	-.23	-1.14	-.42	-.72	-.99	-.84	-.44	0.00	-.33	-.08	1.98	2.44	-.14	-.11	.78	.97
	SolV	-1.93	-.54						0.00	2.61				.33	Maç=	20.78	(tm)
	SagV	-6.38	-2.44						0.00	2.61				.33	Xaç=	0.00	m
K328	SolM	.98	.39	.39	0.00	.29	.10	.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
K321	SolM	13.51	3.50	1.34	2.01	2.32	2.42	1.98	0.00	1.75	1.34	-4.18	-4.95	.28	.22	-1.60	-1.90
	SagM	10.65	2.54	1.64	.73	1.11	1.14	2.47	0.00	2.21	1.80	-4.10	-4.85	.35	.29	-1.57	-1.87
	SolV	8.73	2.38						0.00	2.14				.82	Maç=	18.98	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K322	SolM	54.46	12.30	5.44	6.11	7.18	7.51	8.41	0.00	-5.46	-4.38	2.86	4.86	-.87	-.70	1.20	2.06
	SagM	59.93	14.77	6.30	7.58	8.84	9.01	9.91	0.00	-5.64	-4.41	8.36	10.63	-.90	-.71	3.41	4.39
	SolV	29.08	5.98						0.00	3.42				1.42	Maç=	107.53	(tm)
	SagV	21.40	5.93						0.00	3.42				1.42	Xaç=	4.53	m
K324	SolM	-48.74	-10.67	-4.60	-5.33	-6.23	-6.48	-7.16	0.00	4.24	3.32	-23.82	-25.52	.68	.54	-9.63	-10.35
	SagM	-52.99	-11.14	-4.81	-5.57	-6.52	-6.86	-7.37	0.00	4.43	3.59	-28.84	-30.39	.71	.58	-11.73	-12.39
	SolV	-29.32	-6.27						0.00	17.20				7.00	Maç=	85.31	(tm)
	SagV	-33.20	-7.14						0.00	17.20				7.00	Xaç=	0.00	m
K323	SolM	-12.88	-3.65	-1.62	-1.78	-2.38	-1.86	-2.55	0.00	1.25	.84	-8.10	-8.86	.20	.14	-3.10	-3.43
	SagM	-53.20	-12.53	-5.62	-6.07	-7.30	-7.61	-8.47	0.00	2.97	2.39	-27.76	-28.83	.48	.39	-11.16	-11.62
	SolV	-25.13	-5.89						0.00	15.21				6.07	Maç=	23.88	(tm)
	SagV	-28.18	-7.16						0.00	15.21				6.07	Xaç=	0.00	m
K316	SolM	21.12	4.32	2.06	1.91	2.51	2.63	2.81	0.00	2.44	1.51	6.92	5.19	.39	.25	3.12	2.39
	SagM	3.64	.56	.37	.13	.28	.38	.33	0.00	2.19	1.74	-.77	-1.58	.34	.27	-.15	-.50
	SolV	12.81	2.47						0.00	3.00				1.45	Maç=	5.99	(tm)
	SagV	11.25	2.27						0.00	3.00				1.45	Xaç=	2.05	m
K325	SolM	10.16	2.85	1.15	1.52	2.00	1.92	1.44	0.00	-.48	.24	-9.23	-7.90	-.09	.01	-3.70	-3.19
	SagM	8.92	2.49	1.29	.94	1.51	1.14	1.82	0.00	.22	1.10	-11.05	-9.43	.01	.13	-4.44	-3.80
	SolV	8.56	2.61						0.00	5.41				2.17	Maç=	16.48	(tm)
	SagV	1.61	.23						0.00	5.41				2.17	Xaç=	3.75	m
K326	SolM	-17.11	-4.42	-1.73	-2.29	-3.01	-2.17	-2.85	0.00	-3.45	-2.62	-16.57	-15.03	-.55	-.43	-6.71	-6.11
	SagM	-22.33	-5.56	-2.80	-2.41	-2.93	-3.57	-3.92	0.00	-3.36	-2.48	-18.16	-16.52	-.53	-.41	-7.36	-6.73
	SolV	-5.04	-1.26						0.00	8.78				3.56	Maç=	31.01	(tm)
	SagV	-14.61	-3.66						0.00	8.78				3.56	Xaç=	0.00	m
K327	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-7.31	-3.07	-2.91	-.11	-2.97	-.18	-2.88	0.00	9.53	9.57	.30	.36	1.43	1.44	.12	.14
	SolV	1.21	.34						0.00	0.00				0.00	Maç=	6.31	(tm)
	SagV	-5.34	-2.28						0.00	0.00				0.00	Xaç=	3.57	m
K329	SolM	-52.41	-12.18	-5.22	-6.24	-7.14	-7.38	-8.40	0.00	3.38	1.39	-25.67	-29.35	.58	.28	-10.32	-11.86
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	41.27	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K402	SolM	9.25	2.62	1.26	1.20	1.42	1.76	1.75	0.00	-2.74	-1.80	-3.31	-1.53	-.45	-.31	-1.27	-.59
	SagM	6.85	2.19	.95	1.03	1.49	1.57	.89	0.00	-2.05	-1.49	-2.79	-1.73	-.33	-.25	-1.06	-.67
	SolV	7.31	2.27						0.00	1.63				.62	Maç=	13.11	(tm)
	SagV	.78	-.25						0.00	1.63				.62	Xaç=	3.75	m
K401	SolM	4.07	.54	.13	.46	.22	-.07	1.04	0.00	-1.29	-.33	-2.21	-.42	-.22	-.08	-.87	-.17
	SagM	5.24	.70	.37	.25	.23	.58	.43	0.00	-2.32	-1.16	-3.68	-1.51	-.39	-.22	-1.43	-.59
	SolV	6.21	2.08						0.00	1.46				.57	Maç=	9.88	(tm)
	SagV	-1.08	-.89						0.00	1.46				.57	Xaç=	2.84	m
K407	SolM	3.76	.67	.26	.41	.38	.46	.52	0.00	7.57	8.31	.46	1.84	1.07	1.18	.10	.64
	SagM	5.97	1.64	.81	.81	.85	1.23	1.15	0.00	6.80	7.79	2.17	4.01	.94	1.09	.77	1.49
	SolV	4.45	.65						0.00	4.53				.64	Maç=	10.98	(tm)
	SagV	1.08	.65						0.00	4.53				.64	Xaç=	3.55	m
K406	SolM	.51	-.25	-.28	.03	-.07	-.36	-.07	0.00	12.85	13.69	-3.11	-1.53	1.85	1.97	-1.37	-.76
	SagM	11.75	2.07	.90	1.02	1.14	1.32	1.37	0.00	5.94	6.62	2.41	3.69	.81	.91	.92	1.42
	SolV	7.04	1.25						0.00	7.19				1.02	Maç=	19.76	(tm)
	SagV	1.58	.03						0.00	7.19				1.02	Xaç=	2.83	m
K405	SolM	-32.08	-7.15	-2.91	-3.76	-4.40	-4.28	-4.66	0.00	25.24	25.58	-13.96	-13.32	3.79	3.84	-5.80	-5.56
	SagM	-43.31	-9.37	-4.60	-4.20	-5.02	-5.93	-6.65	0.00	22.06	22.32	-15.86	-15.37	3.31	3.35	-6.58	-6.41
	SolV	-12.40	-2.85						0.00	10.30				2.66	Maç=	56.35	(tm)
	SagV	-20.02	-4.26						0.00	10.30				2.66	Xaç=	0.00	m
K404	SolM	31.92	7.34	3.13	3.71	4.40	4.73	4.55	0.00	1.95	2.97	9.32	11.23	.17	.32	3.75	4.51
	SagM	7.85	2.00	.81	1.01	1.23	1.21	1.20	0.00	15.32	16.21	1.95	3.62	2.20	2.33	.73	1.39
	SolV	14.11	2.97						0.00	6.09				1.87	Maç=	14.20	(tm)
	SagV	11.15	2.97						0.00	6.09				1.87	Xaç=	3.15	m
K403	SolM	12.34	2.78	1.27	1.37	1.70	1.68	1.90	0.00	5.30	6.05	2.69	4.10	.71	.82	.99	1.56
	SagM	8.57	2.19	.98	1.08	1.32	1.33	1.47	0.00	5.18	5.92	2.07	3.46	.71	.82	.76	1.31
	SolV	7.33	1.31						0.00	3.17				.76	Maç=	15.49	(tm)
	SagV	3.71	1.31						0.00	3.17				.76	Xaç=	3.78	m
K408	SolM	.37	.08	-.04	.12	.07	.02	.06	0.00	2.19	1.09	-4.22	-6.29	.37	.21	-1.43	-2.20
	SagM	5.71	1.58	.85	.62	.83	1.28	.82	0.00	-.45	-1.07	-1.36	-2.53	-.04	-.13	-.37	-.80
	SolV	4.22	1.09						0.00	2.87				.98	Maç=	9.59	(tm)
	SagV	-.28	-.01						0.00	2.87				.98	Xaç=	2.69	m
K409	SolM	-7.74	-2.09	-1.13	-.80	-1.09	-1.65	-1.14	0.00	4.00	2.75	-6.09	-8.44	.64	.46	-2.20	-3.11
	SagM	-4.46	-1.16	-.49	-.61	-.76	-.62	-.82	0.00	3.66	2.37	-5.75	-8.17	.59	.41	-2.03	-2.95
	SolV	.95	.17						0.00	3.51				1.28	Maç=	13.33	(tm)
	SagV	-6.13	-1.55						0.00	3.51				1.28	Xaç=	.90	m
K410	SolM	-5.52	-1.22	-.43	-.67	-.71	-.66	-.83	0.00	3.43	2.82	-2.04	-3.18	.48	.39	-.78	-1.23
	SagM	-7.33	-1.21	-.34	-.74	-.74	-.56	-.87	0.00	3.92	3.16	-1.90	-3.33	.57	.46	-.71	-1.27
	SolV	-1.87	-.68						0.00	2.05				.70	Maç=	9.68	(tm)
	SagV	-5.29	-.68						0.00	2.05				.70	Xaç=	0.00	m
K411	SolM	-9.46	-2.28	-1.03	-1.08	-1.27	-1.45	-1.51	0.00	2.47	1.64	-3.13	-4.69	.34	.22	-1.19	-1.81
	SagM	-5.98	-1.31	-.46	-.74	-.81	-.70	-.89	0.00	1.47	.82	-1.90	-3.11	.19	.10	-.71	-1.19
	SolV	-3.88	-.96						0.00	2.76				1.06	Maç=	16.90	(tm)
	SagV	-7.13	-1.63						0.00	2.76				1.06	Xaç=	0.00	m
K412	SolM	18.43	4.02	1.50	2.29	2.54	2.09	2.95	0.00	-1.56	-.55	6.57	8.42	-.28	-.12	2.73	3.52
	SagM	11.74	2.76	1.20	1.39	1.62	1.70	1.86	0.00	-1.75	-1.37	-.66	.01	-.28	-.22	-.15	.16
	SolV	11.86	2.73						0.00	2.61				1.14	Maç=	20.84	(tm)
	SagV	7.12	1.48						0.00	2.61				1.14	Xaç=	3.22	m
K413	SolM	20.27	4.59	1.98	2.23	2.80	2.85	2.76	0.00	-.77	-1.60	7.40	5.86	-.16	-.29	3.18	2.57
	SagM	29.75	6.63	2.87	3.19	4.08	3.99	4.05	0.00	7.18	5.71	12.11	9.36	1.01	.80	5.22	4.12
	SolV	17.67	3.76						0.00	6.20				2.67	Maç=	52.26	(tm)
	SagV	14.15	3.38						0.00	6.20				2.67	Xaç=	3.15	m
K414	SolM	-2.38	-.44	-.15	-.26	-.33	-.16	-.32	0.00	5.03	4.22	-.30	-1.81	.68	.56	-.03	-.60
	SagM	.72	.39	.17	.18	.23	.27	.21	0.00	2.78	2.18	1.13	.01	.38	.29	.54	.11
	SolV	1.32	-.01						0.00	2.08				.28	Maç=	5.19	(tm)
	SagV	-2.25	-.01						0.00	2.08				.28	Xaç=	1.43	m
K415	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-9.07	-2.33	-.94	-1.21	-1.54	-1.56	-1.20	0.00	16.45	16.19	-1.25	-1.73	2.47	2.43	-.49	-.68
	SolV	1.25	.20						0.00	0.00				0.00	Maç=	-.40	(tm)
	SagV	-2.63	-.82						0.00	0.00				0.00	Xaç=	.23	m
K418	SolM	-9.22	-2.31	-1.36	-.65	-1.19	-1.03	-1.79	0.00	27.26	26.83	-2.06	-2.86	4.09	4.03	-.81	-1.13
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	10.69	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	.35	m
K419	SolM	5.69	1.60	.73	.78	.96	1.04	1.01	0.00	4.69	4.72	1.60	1.66	.62	.63	.65	.68
	SagM	3.03	1.16	.52	.56	.70	.75	.73	0.00	3.23	3.26	1.18	1.24	.43	.43	.48	.51
	SolV	3.45	.75						0.00	2.19				.33	Maç=	6.10	(tm)
	SagV	1.27	.75						0.00	2.19				.33	Xaç=	3.65	m
K420	SolM	-10.45	-2.79	-1.09	-1.54	-1.87	-1.60	-1.79	0.00	6.55	6.36	-1.87	-2.22	.88	.85	-.77	-.91
	SagM	.87	-.91	-.67	-.25	-.33	-.84	-.67	0.00	-1.63	-1.53	2.40	2.58	-.35	-.33	.96	1.03
	SolV	-1.21	-.39						0.00	1.74				.19	Maç=	19.09	(tm)
	SagV	-5.67	-2.29						0.00	1.74				.19	Xaç=	0.00	m
K428	SolM	.98	.39	0.00	.39	.39	.29	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
K421	SolM	12.54	3.27	1.80	1.33	1.59	2.30	2.38	0.00	1.37	1.00	-3.83	-4.53	.21	.16	-1.37	-1.61
	SagM	9.93	2.37	.56	1.63	2.03	1.23	1.14	0.00	1.82	1.45	-3.68	-4.39	.28	.23	-1.32	-1.57
	SolV	8.38	2.30						0.00	1.95				.70	Maç=	17.69	(tm)
	SagV	.34	-.08						0.00	1.95				.70	Xaç=	4.58	m
K417	SolM	.95	-.07	.06	-.18	-.37	-.18	.32	0.00	-.81	-1.22	-2.95	-3.74	-.11	-.16	-.88	-1.12
	SagM	2.48	.19	.08	.01	-.08	.16	.11	0.00	-.57	-1.14	-4.77	-5.87	-.07	-.14	-1.58	-1.94
	SolV	4.11	1.00						0.00	3.00				.96	Maç=	6.90	(tm)

FŸRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KŸRŸPt STATŸK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K424	SolM	-45.79	-10.00	-4.33	-4.98	-5.84	-6.12	-6.67	0.00	4.26	3.45	-21.81	-23.30	.68	.56	-8.68	-9.32
	SagM	-46.26	-9.65	-4.21	-4.79	-5.51	-5.97	-6.51	0.00	4.10	3.49	-24.31	-25.42	.65	.56	-9.77	-10.25
	SolV	-26.58	-5.65						0.00	15.10				6.07	Maç=	80.11	(tm)
	SagV	-30.46	-6.52						0.00	15.10				6.07	Xaç=	0.00	m
K423	SolM	-.94	-1.03	-.24	-.73	-.86	-.74	-.35	0.00	.18	0.00	-2.77	-3.09	.03	0.00	-.78	-.94
	SagM	-40.43	-9.54	-3.88	-5.04	-5.91	-5.62	-6.30	0.00	2.38	2.04	-22.09	-22.72	.38	.33	-8.66	-8.95
	SolV	-14.78	-3.52						0.00	10.21				3.91	Maç=	2.96	(tm)
	SagV	-17.94	-4.83						0.00	10.21				3.91	Xaç=	0.00	m
K416	SolM	17.82	3.65	1.48	1.88	2.33	2.12	2.27	0.00	1.31	.70	5.58	4.46	.20	.11	2.66	2.18
	SagM	3.46	.55	.19	.31	.39	.26	.34	0.00	1.57	1.35	-.79	-1.18	.24	.20	-.08	-.26
	SolV	11.14	2.14						0.00	2.33				1.26	Maç=	5.73	(tm)
	SagV	9.54	1.94						0.00	2.33				1.26	Xaç=	2.05	m
K425	SolM	8.95	2.50	1.40	.95	1.28	1.73	1.67	0.00	-.30	.39	-7.50	-6.19	-.07	.03	-2.79	-2.32
	SagM	8.00	2.24	.90	1.10	1.70	1.35	.94	0.00	.41	1.31	-10.09	-8.39	.03	.16	-3.81	-3.19
	SolV	8.04	2.47						0.00	4.66				1.75	Maç=	14.78	(tm)
	SagV	.99	.06						0.00	4.66				1.75	Xaç=	3.78	m
K426	SolM	-14.91	-3.87	-1.80	-1.70	-2.28	-2.69	-2.03	0.00	-2.93	-2.01	-15.80	-14.07	-.47	-.34	-6.10	-5.48
	SagM	-19.51	-4.83	-1.87	-2.66	-3.19	-2.57	-3.30	0.00	-2.73	-1.78	-16.76	-14.95	-.44	-.31	-6.47	-5.82
	SolV	-3.78	-.93						0.00	8.24				3.18	Maç=	27.05	(tm)
	SagV	-13.34	-3.34						0.00	8.24				3.18	Xaç=	0.00	m
K427	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.93	-2.97	-.13	-2.79	-2.91	-2.86	-.07	0.00	8.35	8.37	.40	.44	1.25	1.25	.16	.17
	SolV	1.23	.35						0.00	0.00				0.00	Maç=	6.81	(tm)
	SagV	-5.38	-2.29						0.00	0.00				0.00	Xaç=	3.65	m
K429	SolM	-52.38	-12.19	-5.11	-6.37	-7.27	-7.29	-8.39	0.00	3.44	1.46	-25.43	-29.09	.59	.29	-10.20	-11.74
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	42.16	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K502	SolM	9.16	2.63	1.07	1.40	1.62	1.53	1.79	0.00	-2.47	-1.64	-2.61	-1.06	-.40	-.28	-.86	-.31
	SagM	6.49	2.17	.92	1.04	.82	1.60	1.51	0.00	-1.73	-1.27	-2.23	-1.37	-.28	-.22	-.76	-.47
	SolV	7.18	2.27						0.00	1.29				.43	Maç=	12.56	(tm)
	SagV	.65	-.26						0.00	1.29				.43	Xaç=	3.75	m
K501	SolM	3.59	.38	.27	.16	.82	.06	-.01	0.00	-1.12	-.32	-1.67	-.19	-.19	-.07	-.56	0.00
	SagM	5.15	.67	.09	.49	.26	.24	.67	0.00	-2.06	-1.06	-2.88	-1.00	-.34	-.20	-.96	-.28
	SolV	6.07	2.04						0.00	1.12				.37	Maç=	9.94	(tm)
	SagV	-1.22	-.93						0.00	1.12				.37	Xaç=	2.71	m
K507	SolM	3.93	.72	.27	.44	.40	.46	.56	0.00	6.29	6.94	.53	1.76	.88	.98	.15	.61
	SagM	5.92	1.66	.62	1.02	.90	1.03	1.35	0.00	4.10	4.79	2.25	3.55	.56	.66	.84	1.34
	SolV	4.48	.67						0.00	3.30				.55	Maç=	10.95	(tm)
	SagV	1.11	.67						0.00	3.30				.55	Xaç=	3.55	m
K506	SolM	-1.78	-.75	-.32	-.40	-.38	-.45	-.61	0.00	9.71	10.17	-3.17	-2.30	1.41	1.48	-1.34	-1.01
	SagM	11.07	1.89	.60	1.15	.92	1.15	1.43	0.00	3.36	3.78	2.70	3.50	.45	.51	1.08	1.38
	SolV	5.99	1.01						0.00	4.94				.70	Maç=	16.50	(tm)
	SagV	.53	-.21						0.00	4.94				.70	Xaç=	2.68	m
K505	SolM	-29.79	-6.62	-3.02	-3.15	-3.62	-4.42	-4.30	0.00	22.05	22.25	-13.07	-12.71	3.32	3.35	-5.41	-5.29
	SagM	-41.02	-8.82	-3.46	-4.83	-5.54	-5.04	-5.99	0.00	18.61	18.74	-15.08	-14.84	2.80	2.81	-6.23	-6.17
	SolV	-11.41	-2.62						0.00	8.81				2.50	Maç=	52.29	(tm)
	SagV	-19.03	-4.02						0.00	8.81				2.50	Xaç=	0.00	m
K504	SolM	29.17	6.72	3.16	3.10	3.73	4.11	4.69	0.00	-.65	.14	8.71	10.19	-.20	-.08	3.53	4.11
	SagM	2.63	.77	.39	.27	.36	.40	.56	0.00	12.62	13.22	.70	1.82	1.83	1.91	.26	.68
	SolV	11.57	2.38						0.00	4.24				1.52	Maç=	4.91	(tm)
	SagV	8.62	2.38						0.00	4.24				1.52	Xaç=	3.15	m
K503	SolM	10.56	2.36	1.05	1.19	1.48	1.46	1.55	0.00	3.07	3.67	2.43	3.55	.39	.48	.91	1.35
	SagM	8.55	2.17	.97	1.08	1.32	1.31	1.47	0.00	4.48	5.18	2.15	3.46	.61	.71	.80	1.31
	SolV	6.86	1.20						0.00	2.34				.70	Maç=	15.45	(tm)
	SagV	3.24	1.20						0.00	2.34				.70	Xaç=	3.78	m
K508	SolM	.56	.14	.04	.09	.05	.11	.10	0.00	1.73	.83	-3.71	-5.40	.29	.17	-1.15	-1.73
	SagM	5.13	1.48	.40	.98	.55	.86	1.34	0.00	-1.08	-1.42	-.54	-1.20	-.14	-.19	-.05	-.25
	SolV	4.09	1.07						0.00	2.14				.64	Maç=	9.00	(tm)
	SagV	-.40	-.02						0.00	2.14				.64	Xaç=	2.68	m
K509	SolM	-6.29	-1.76	-.53	-1.10	-.72	-1.00	-1.55	0.00	3.61	2.61	-5.16	-7.03	.57	.42	-1.81	-2.50
	SagM	-3.52	-.93	-.51	-.38	-.64	-.63	-.51	0.00	3.25	2.15	-5.21	-7.26	.52	.37	-1.74	-2.46
	SolV	1.45	.29						0.00	3.02				1.05	Maç=	11.73	(tm)
	SagV	-5.62	-1.43						0.00	3.02				1.05	Xaç=	1.21	m
K510	SolM	-5.16	-1.13	-.40	-.62	-.67	-.63	-.74	0.00	2.41	1.88	-2.03	-3.03	.33	.25	-.79	-1.17
	SagM	-5.37	-.76	-.26	-.41	-.51	-.40	-.41	0.00	2.50	1.93	-1.48	-2.54	.36	.27	-.57	-.97
	SolV	-1.22	-.53						0.00	1.56				.60	Maç=	9.04	(tm)
	SagV	-4.64	-.53						0.00	1.56				.60	Xaç=	0.00	m
K511	SolM	-7.29	-1.82	-.72	-.97	-1.02	-1.04	-1.32	0.00	1.28	.72	-2.65	-3.72	.16	.08	-1.03	-1.44
	SagM	-5.26	-1.16	-.50	-.56	-.69	-.70	-.73	0.00	.67	.13	-1.80	-2.81	.07	-.01	-.69	-1.07
	SolV	-2.86	-.74						0.00	2.31				.89	Maç=	13.13	(tm)
	SagV	-6.11	-1.42						0.00	2.31				.89	Xaç=	0.00	m
K512	SolM	17.45	3.78	1.71	1.85	2.47	2.26	2.40	0.00	-1.52	-.49	7.54	9.42	-.27	-.11	3.14	3.95
	SagM	12.02	2.83	1.20	1.45	1.64	1.69	1.98	0.00	-1.95	-1.52	-.15	.62	-.31	-.25	.14	.51
	SolV	11.64	2.68						0.00	3.11				1.38	Maç=	21.36	(tm)
	SagV	6.91	1.43						0.00	3.11				1.38	Xaç=	3.22	m
K513	SolM	19.99	4.53	2.08	2.07	2.63	2.80	2.88	0.00	-1.80	-2.46	7.20	5.96	-.32	-.42	3.08	2.60
	SagM	27.29	6.06	2.76	2.77	3.55	3.73	3.77	0.00	4.45	3.47	10.99	9.16	.61	.47	4.71	3.99
	SolV	16.80	3.55						0.00	5.78				2.47	Maç=	47.89	(tm)
	SagV	13.28	3.17						0.00	5.78				2.47	Xaç=	3.15	m
K514	SolM	-2.79	-.52	-.32	-.16	-.31	-.29	-.36	0.00	2.03	1.59	-.88	-1.72	.24	.18	-.33	-.63
	SagM	1.02	.46	.19	.22	.26	.32	.25	0.00	1.86	1.37	1.06	.15	.24	.17	.49	.16
	SolV	1.29	-.02						0.00	1.04				.13	Maç=	5.79	(tm)
	SagV	-2.28	-.02						0.00	1.04				.13	Xaç=	1.39	m
K515	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-8.49	-2.18	-1.12	-.89	-1.18	-1.43	-1.41	0.00	15.39	15.15	-1.14	-1.59	2.31	2.27	-.46	-.63
	SolV	1.25	.20						0.00	0.00				0.00	Maç=	.03	(tm)
	SagV	-2.63	-.82						0.00	0.00				0.00	Xaç=	.25	m
K518	SolM	-8.26	-2.06	-.50	-1.27	-1.76	-1.01	-.78	0.00	25.50	25.10	-1.89	-2.63	3.82	3.76	-.75	-1.04
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	9.96	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	.35	m
K519	SolM	4.55	1.34	.60	.67	.81	.89	.83	0.00	2.66	2.72	1.21	1.30	.33	.34	.48	.53
	SagM	2.60	1.06	.48	.52	.63	.71	.66	0.00	2.03	2.08	.96	1.04	.26	.26	.39	.42
	SolV	3.02	.66						0.00	1.31				.26	Maç=	5.33	(tm)
	SagV	.84	.66						0.00	1.31				.26	Xaç=	3.65	m
K520	SolM	-7.27	-2.02	-1.11	-.80	-1.15	-1.44	-1.22	0.00	3.24	3.15	-1.32	-1.49	.40	.39	-.56	-.63
	SagM	4.81	-.02	.07	-.16	-.20	.28	-.26	0.00	-4.72	-4.56	3.25	3.53	-.79	-.77	1.30	1.41
	SolV	1.30	.19						0.00	.72				.28	Maç=	13.12	(tm)
	SagV	-3.15	-1.71						0.00	.72				.28	Xaç=	1.00	m
K528	SolM	.98	.39	.39	0.00	.10	.39	.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
K521	SolM	11.06	2.92	1.09	1.72	1.93	1.50	2.18	0.00	1.10	.86	-2.98	-3.43	.17	.14	-1.00	-1.13
	SagM	8.28	1.99	1.37	.47	.60	1.98	1.10	0.00	1.54	1.30	-2.69	-3.14	.24	.20	-.92	-1.06
	SolV	7.69	2.14						0.00	1.44				.48	Maç=	13.42	(tm)
	SagV	-.34	-.25						0.00	1.44				.48	Xaç=	3.62	m
K517	SolM	0.00	-.29	-.57	.26	.25	-.79	-.08	0.00	-.84	-.96	-1.12	-1.38	-.12	-.13	-.15	-.17
	SagM	2.96	.34	-.17	.41	.11	-.10	.47	0.00	-.81	-1.13	-3.58	-4.20	-.11	-.15	-1.01	-1.14
	SolV	3.96	.98						0.00	1.74				.41	Maç=	7.93	(tm)
	SagV	-2.19	-1.01						0.00	1.74				.41	Xaç=	1.82	m
K522	SolM	43.23	9.65	4.28	4.77	5.57	6.04	6.49	0.00	-5.12	-4.10	4.40	6.27	-.81	-.65	2.04	2.88
	SagM	49.98	12.38	5.23	6.41	7.14	7.53	8.61	0.00	-5.20	-4.03	10.68	12.83	-.83	-.65	4.51	5.46
	SolV	24.31	4.84						0.00	4.19				1.83	Maç=	89.78	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K523	SolM	5.63	.45	.08	.33	.55	.11	.15	0.00	-.34	-.50	1.36	1.06	-.05	-.08	.95	.80
	SagM	-36.54	-8.65	-3.98	-4.10	-5.15	-5.49	-5.53	0.00	2.69	2.27	-19.12	-19.90	.43	.36	-7.24	-7.61
	SolV	-10.64	-2.58						0.00	7.45				2.69	Maç=	-7.89	(tm)
	SagV	-13.80	-3.89						0.00	7.45				2.69	Xaç=	.01	m
K516	SolM	13.54	2.64	1.37	1.05	1.57	1.78	1.50	0.00	.91	.28	4.09	2.94	.14	.05	2.24	1.74
	SagM	2.53	.35	.29	.02	.25	.28	.07	0.00	1.42	1.16	-.55	-1.01	.22	.18	.12	-.09
	SolV	8.60	1.55						0.00	1.73				1.15	Maç=	4.10	(tm)
	SagV	7.00	1.35						0.00	1.73				1.15	Xaç=	2.05	m
K525	SolM	8.41	2.27	.89	1.24	1.51	1.16	1.59	0.00	-.18	.25	-4.56	-3.74	-.04	.02	-1.49	-1.23
	SagM	7.24	2.03	1.03	.78	.84	1.53	1.23	0.00	.63	1.26	-7.39	-6.20	.08	.16	-2.53	-2.14
	SolV	7.69	2.35						0.00	3.17				1.06	Maç=	13.38	(tm)
	SagV	.64	-.06						0.00	3.17				1.06	Xaç=	3.78	m
K526	SolM	-13.76	-3.53	-1.36	-1.82	-1.56	-2.13	-2.67	0.00	-2.17	-1.57	-12.66	-11.52	-.34	-.26	-4.62	-4.27
	SagM	-17.28	-4.20	-2.14	-1.79	-2.67	-2.80	-2.40	0.00	-1.91	-1.32	-12.64	-11.51	-.30	-.22	-4.64	-4.29
	SolV	-2.92	-.69						0.00	6.40				2.34	Maç=	24.91	(tm)
	SagV	-12.49	-3.10						0.00	6.40				2.34	Xaç=	0.00	m
K527	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.49	-2.84	-2.78	-.02	-.11	-2.80	-2.69	0.00	7.25	7.25	.49	.51	1.08	1.08	.20	.20
	SolV	1.23	.35						0.00	0.00				0.00	Maç=	7.12	(tm)
	SagV	-5.38	-2.29						0.00	0.00				0.00	Xaç=	3.69	m
K529	SolM	-52.70	-12.27	-5.28	-6.27	-7.29	-7.47	-8.34	0.00	3.54	1.56	-25.14	-28.79	.60	.30	-10.09	-11.62
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	41.51	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K602	SolM	5.20	1.57	.77	.71	1.02	1.04	.89	0.00	-1.63	-1.23	-1.10	-.36	-.26	-.20	-.29	-.05
	SagM	4.43	1.51	.67	.68	1.08	.58	1.04	0.00	-1.06	-.91	-1.16	-.88	-.17	-.15	-.36	-.28
	SolV	4.96	1.81						0.00	.72				.17	Maç=	8.18	(tm)
	SagV	-.33	-.71						0.00	.72				.17	Xaç=	3.11	m
K601	SolM	.90	-.04	-.09	.13	-.36	.50	-.06	0.00	-.49	-.06	-.55	.24	-.08	-.02	-.13	.15
	SagM	3.25	.36	.20	.10	.32	.09	.20	0.00	-1.23	-.72	-1.27	-.32	-.20	-.13	-.36	-.02
	SolV	4.26	1.85						0.00	.45				.12	Maç=	8.93	(tm)
	SagV	-1.68	-1.12						0.00	.45				.12	Xaç=	2.23	m
K607	SolM	1.88	.32	.11	.21	.18	.20	.27	0.00	3.64	3.96	.39	.99	.51	.56	.13	.35
	SagM	6.78	1.71	.87	.80	1.13	1.10	1.10	0.00	1.07	1.43	2.51	3.16	.15	.21	1.00	1.24
	SolV	2.90	.57						0.00	1.49				.44	Maç=	12.24	(tm)
	SagV	1.91	.57						0.00	1.49				.44	Xaç=	3.60	m
K606	SolM	-3.62	-1.00	-.56	-.40	-.68	-.63	-.61	0.00	6.00	6.22	-2.90	-2.52	.91	.95	-1.20	-1.06
	SagM	10.10	1.70	.75	.82	.99	.95	1.21	0.00	.42	.65	2.91	3.32	.06	.10	1.19	1.35
	SolV	5.10	.87						0.00	2.45				.37	Maç=	15.90	(tm)
	SagV	-.47	-.38						0.00	2.45				.37	Xaç=	2.34	m
K605	SolM	-26.38	-5.86	-2.32	-3.14	-3.12	-3.51	-4.29	0.00	18.36	18.45	-11.68	-11.54	2.80	2.82	-4.81	-4.78
	SagM	-37.36	-7.93	-3.96	-3.48	-4.65	-5.36	-4.88	0.00	14.39	14.44	-13.68	-13.62	2.20	2.20	-5.64	-5.65
	SolV	-9.85	-2.25						0.00	7.07				2.25	Maç=	46.30	(tm)
	SagV	-17.56	-3.68						0.00	7.07				2.25	Xaç=	0.00	m
K604	SolM	27.46	6.39	2.73	3.24	4.14	3.61	4.18	0.00	-4.95	-4.31	8.09	9.24	-.78	-.68	3.30	3.75
	SagM	.06	.07	-.02	.03	.14	-.15	.04	0.00	8.33	8.76	-.32	.44	1.26	1.33	-.13	.15
	SolV	10.36	2.09						0.00	3.12				1.26	Maç=	.20	(tm)
	SagV	7.40	2.09						0.00	3.12				1.26	Xaç=	3.10	m
K603	SolM	6.99	1.64	.76	.81	.96	1.01	1.17	0.00	.55	.95	1.99	2.70	.06	.12	.74	1.02
	SagM	4.34	1.04	.48	.51	.64	.61	.72	0.00	2.69	3.05	1.13	1.81	.37	.42	.42	.68
	SolV	3.50	.70						0.00	1.19				.45	Maç=	7.74	(tm)
	SagV	2.46	.70						0.00	1.19				.45	Xaç=	3.80	m
K608	SolM	.19	.04	-.07	.10	-.01	-.01	.09	0.00	1.04	.62	-1.76	-2.52	.17	.11	-.50	-.73
	SagM	5.53	1.39	.78	.52	1.09	.63	.86	0.00	-1.83	-1.76	1.08	1.21	-.27	-.26	.48	.57
	SolV	3.60	1.01						0.00	.43				.05	Maç=	9.97	(tm)
	SagV	.11	-.08						0.00	.43				.05	Xaç=	3.08	m
K609	SolM	-5.69	-1.43	-.82	-.51	-1.14	-.64	-.88	0.00	2.64	2.05	-3.37	-4.47	.41	.32	-1.19	-1.59
	SagM	-1.67	-.48	-.19	-.28	-.22	-.36	-.34	0.00	2.13	1.53	-3.06	-4.15	.34	.25	-1.00	-1.37
	SolV	1.18	.45						0.00	1.82				.63	Maç=	10.81	(tm)
	SagV	-4.31	-1.27						0.00	1.82				.63	Xaç=	1.30	m
K610	SolM	-2.25	-.44	-.12	-.27	-.24	-.25	-.29	0.00	.72	.47	-1.06	-1.52	.08	.05	-.42	-.59
	SagM	-2.03	-.16	.08	-.20	-.03	-.10	-.11	0.00	1.22	.89	-.78	-1.37	.19	.14	-.31	-.53
	SolV	-.70	-.17						0.00	.80				.31	Maç=	3.85	(tm)
	SagV	-1.68	-.17						0.00	.80				.31	Xaç=	0.00	m
K611	SolM	-7.15	-1.70	-.81	-.77	-1.06	-.99	-1.11	0.00	-.50	-.89	-2.51	-3.21	-.06	-.12	-1.00	-1.26
	SagM	-6.63	-1.47	-.52	-.83	-.80	-.86	-1.04	0.00	-.87	-1.41	-2.25	-3.21	-.11	-.19	-.89	-1.25
	SolV	-3.32	-.81						0.00	2.29				.90	Maç=	12.72	(tm)
	SagV	-6.57	-1.49						0.00	2.29				.90	Xaç=	0.00	m
K612	SolM	18.39	3.96	1.52	2.21	2.22	2.43	2.82	0.00	-1.42	-.35	9.32	11.31	-.25	-.09	3.82	4.67
	SagM	12.41	2.92	1.28	1.45	1.79	1.69	1.99	0.00	-1.90	-1.38	.99	1.99	-.31	-.23	.60	1.06
	SolV	12.15	2.78						0.00	4.15				1.79	Maç=	22.05	(tm)
	SagV	7.41	1.54						0.00	4.15				1.79	Xaç=	3.20	m
K613	SolM	19.81	4.52	1.94	2.20	2.77	2.66	2.87	0.00	-3.98	-4.57	7.11	6.06	-.59	-.69	3.02	2.62
	SagM	25.45	5.54	2.39	2.68	3.30	3.23	3.62	0.00	.42	-.11	9.64	8.70	.08	-.01	4.08	3.71
	SolV	16.37	3.44						0.00	5.40				2.29	Maç=	44.49	(tm)
	SagV	12.84	3.06						0.00	5.40				2.29	Xaç=	3.10	m
K614	SolM	-4.71	-.87	-.37	-.43	-.53	-.45	-.62	0.00	-.61	-.63	-1.85	-1.87	-.11	-.11	-.78	-.76
	SagM	1.43	.39	.15	.20	.21	.26	.24	0.00	.57	.37	.71	.33	.06	.03	.32	.18
	SolV	-.34	-.13						0.00	.40				.15	Maç=	7.28	(tm)
	SagV	-1.38	-.13						0.00	.40				.15	Xaç=	.02	m
K615	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.91	-1.75	-.70	-.90	-1.19	-.91	-1.10	0.00	11.97	11.78	-.82	-1.16	1.82	1.79	-.33	-.46
	SolV	1.25	.20						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	-2.63	-.82						0.00	0.00				0.00	Xaç=	1.31	m
K618	SolM	-5.65	-1.34	-.95	-.14	-.41	-1.30	-.46	0.00	19.84	19.53	-1.36	-1.92	3.02	2.97	-.55	-.76
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	7.87	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	.35	m
K619	SolM	1.33	.62	.29	.31	.37	.45	.38	0.00	.52	.57	.28	.36	.06	.07	.10	.14
	SagM	.63	.43	.20	.21	.25	.31	.25	0.00	.73	.74	.21	.23	.09	.09	.09	.09
	SolV	.92	.28						0.00	.35				.06	Maç=	1.56	(tm)
	SagV	.11	.28						0.00	.35				.06	Xaç=	3.75	m
K620	SolM	-3.29	-1.01	-.32	-.64	-.49	-.56	-.86	0.00	-.64	-.62	-.38	-.35	-.10	-.10	-.18	-.17
	SagM	8.77	.87	.11	.65	.13	.47	.93	0.00	-7.85	-7.67	4.12	4.47	-1.19	-1.16	1.66	1.80
	SolV	4.16	.89						0.00	3.00				.58	Maç=	13.47	(tm)
	SagV	-.37	-1.04						0.00	3.00				.58	Xaç=	2.08	m
K628	SolM	.96	.38	0.00	.38	.28	.10	.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
K621	SolM	8.47	2.32	1.40	.84	1.64	1.67	1.16	0.00	1.40	1.21	-2.43	-2.72	.21	.18	-.81	-.88
	SagM	5.41	1.31	.13	1.08	.45	.38	1.58	0.00	1.66	1.46	-2.22	-2.55	.25	.22	-.77	-.86
	SolV	6.53	1.87						0.00	1.15				.38	Maç=	11.45	(tm)
	SagV	-1.61	-.55						0.00	1.15				.38	Xaç=	3.11	m
K617	SolM	-1.27	-.53	-.07	-.45	-.18	-.09	-.77	0.00	-.22	-.15	1.05	1.24	-.03	-.02	.58	.72
	SagM	.55	-.15	-.05	-.16	.05	-.28	-.20	0.00	-.21	-.35	-1.85	-2.02	-.03	-.05	-.43	-.40
	SolV	2.83	.76						0.00	.25				.10	Maç=	6.90	(tm)
	SagV	-3.32	-1.23						0.00	.25				.10	Xaç=	1.48	m
K622	SolM	35.60	7.90	3.33	4.08	4.56	4.78	5.47	0.00	-4.33	-3.40	5.42	7.19	-.69	-.55	2.39	3.18
	SagM	43.67	10.86	4.88	5.34	6.56	6.62	7.26	0.00	-4.50	-3.43	11.60	13.61	-.72	-.56	4.83	5.70
	SolV	21.15	4.08						0.00	4.52				1.93	Maç=	78.52	(tm)
	SagV	13.20	4.03						0.00	4.52				1.93	Xaç=	4.60	m
K624	SolM	-42.19	-9.21	-4.00	-4.58	-5.39	-5.64	-6.13	0.00	4.42	3.62	-17.21	-18.71	.71	.58	-6.74	-7.38
	SagM	-33.34	-6.80	-2.97	-3.36	-3.98	-4.25	-4.43	0.00	3.35	2.99	-15.63	-16.31	.53	.47	-6.27	-6.57
	SolV	-21.66	-4.57						0.00	10.94				4.36	Maç=	73.81	(tm)

FŸRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KŸRŸPt STATŸK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K616	SolM	15.10	3.13	1.22	1.67	1.76	1.90	2.12	0.00	-.08	-.55	6.27	5.40	-.01	-.08	3.00	2.63
	SagM	2.58	.34	.08	.22	.10	.26	.22	0.00	1.16	.83	1.03	.39	.18	.13	.76	.48
	SolV	9.38	1.78						0.00	3.56				1.84	Maç=	4.15	(tm)
	SagV	7.78	1.58						0.00	3.56				1.84	Xaç=	2.05	m
K625	SolM	8.40	2.14	1.18	.82	1.47	1.41	1.12	0.00	-.57	-.34	-1.11	-.76	-.09	-.06	-.12	-.04
	SagM	8.00	2.11	.84	1.03	1.29	.87	1.58	0.00	.03	.45	-3.29	-2.60	-.01	.06	-.88	-.69
	SolV	7.94	2.36						0.00	1.16				.26	Maç=	14.58	(tm)
	SagV	.79	-.09						0.00	1.16				.26	Xaç=	3.80	m
K626	SolM	-9.69	-2.50	-1.18	-1.03	-1.84	-.93	-1.66	0.00	-1.88	-1.56	-7.52	-7.01	-.29	-.24	-2.60	-2.49
	SagM	-12.21	-2.89	-1.06	-1.65	-1.45	-1.88	-2.08	0.00	-1.32	-1.07	-6.82	-6.43	-.21	-.17	-2.40	-2.32
	SolV	-.54	-.08						0.00	3.60				1.26	Maç=	17.56	(tm)
	SagV	-10.20	-2.51						0.00	3.60				1.26	Xaç=	0.00	m
K627	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-5.56	-2.58	.03	-2.58	-2.63	.07	-2.55	0.00	5.34	5.35	.73	.74	.81	.81	.30	.30
	SolV	1.25	.36						0.00	0.00				0.00	Maç=	8.09	(tm)
	SagV	-5.41	-2.31						0.00	0.00				0.00	Xaç=	3.77	m
K629	SolM	-53.27	-12.43	-5.21	-6.48	-7.27	-7.53	-8.58	0.00	3.68	1.70	-25.12	-28.79	.63	.32	-10.09	-11.63
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	42.87	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
KÇ06	SolM	3.25	.71	.28	.39	.42	.42	.51	0.00	1.56	1.92	.34	.94	.26	.32	.12	.35
	SagM	22.84	4.89	2.11	2.48	2.89	3.02	3.28	0.00	-9.25	-8.94	7.94	8.49	-1.40	-1.35	3.25	3.47
	SolV	9.90	2.14						0.00	3.36				1.36	Maç=	39.80	(tm)
	SagV	8.68	1.84						0.00	3.36				1.36	Xaç=	2.80	m
KÇ05	SolM	-26.31	-5.58	-2.46	-2.77	-3.29	-3.46	-3.73	0.00	14.10	14.15	-9.97	-9.93	2.17	2.17	-4.10	-4.11
	SagM	-36.69	-8.24	-3.46	-4.27	-4.59	-5.25	-5.64	0.00	12.06	11.96	-13.19	-13.40	1.86	1.85	-5.43	-5.54
	SolV	-12.23	-2.62						0.00	5.62				2.07	Maç=	45.76	(tm)
	SagV	-14.94	-3.35						0.00	5.62				2.07	Xaç=	0.00	m
KÇ04	SolM	36.05	8.25	3.54	4.17	4.68	5.20	5.53	0.00	-10.24	-9.70	12.01	12.97	-1.55	-1.47	4.92	5.31
	SagM	7.83	1.90	.83	.94	1.14	1.14	1.26	0.00	1.54	2.01	2.04	2.85	.28	.35	.81	1.13
	SolV	14.83	3.43						0.00	5.11				2.08	Maç=	14.00	(tm)
	SagV	13.49	3.11						0.00	5.11				2.08	Xaç=	3.10	m
KÇ11	SolM	-4.82	-1.01	-.38	-.54	-.56	-.60	-.69	0.00	-.76	-1.09	-1.78	-2.34	-.07	-.13	-.72	-.93
	SagM	-4.83	-.97	-.41	-.48	-.57	-.54	-.66	0.00	-.97	-1.29	-1.70	-2.23	-.10	-.16	-.68	-.88
	SolV	-2.86	-.57						0.00	1.63				.65	Maç=	8.36	(tm)
	SagV	-4.08	-.86						0.00	1.63				.65	Xaç=	0.00	m
KÇ13	SolM	15.94	3.70	1.66	1.72	2.24	2.26	2.27	0.00	-7.92	-8.22	5.39	4.89	-1.17	-1.22	2.27	2.08
	SagM	7.13	1.65	.73	.79	1.00	.99	1.04	0.00	-.72	-1.07	2.91	2.33	-.05	-.10	1.24	1.02
	SolV	8.07	1.87						0.00	3.00				1.13	Maç=	12.63	(tm)
	SagV	6.82	1.59						0.00	3.00				1.13	Xaç=	3.10	m
KÇ15	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-10.25	-2.33	-1.06	-1.10	-1.39	-1.54	-1.40	0.00	7.17	7.03	-2.19	-2.43	1.12	1.10	-.90	-1.00
	SolV	1.31	.09						0.00	0.00				0.00	Maç=	-1.80	(tm)
	SagV	-2.40	-.35						0.00	0.00				0.00	Xaç=	.27	m
KÇ18	SolM	-7.14	-1.79	-.75	-.86	-1.10	-.95	-1.17	0.00	7.60	7.45	-2.32	-2.58	1.19	1.16	-.96	-1.06
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.41	.40						0.00	0.00				0.00	Maç=	8.35	(tm)
	SagV	-.77	-.21						0.00	0.00				0.00	Xaç=	.48	m
KÇ20	SolM	-3.43	-.87	-.45	-.38	-.56	-.53	-.56	0.00	-.27	-.32	-.56	-.64	0.00	-.01	-.24	-.27
	SagM	-4.37	-.88	-.48	-.37	-.55	-.60	-.55	0.00	-1.00	-1.06	-.03	-.12	-.11	-.12	-.02	-.05
	SolV	-1.83	-.35						0.00	.49				.12	Maç=	6.19	(tm)
	SagV	-3.83	-.94						0.00	.49				.12	Xaç=	0.00	m
KÇ28	SolM	2.47	.22	.22	0.00	.22	.12	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	2.42	.19						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.93	.09						0.00	0.00				0.00	Xaç=	1.40	m
KÇ21	SolM	2.89	.81	.34	.44	.43	.59	.55	0.00	2.03	1.88	-1.70	-1.88	.31	.28	-.60	-.65
	SagM	13.21	3.48	1.82	1.52	2.29	2.28	2.09	0.00	2.58	2.33	-2.68	-3.09	.39	.35	-.97	-1.11
	SolV	5.70	1.62						0.00	1.08				.38	Maç=	24.07	(tm)
	SagV	1.30	.25						0.00	1.08				.38	Xaç=	4.60	m
KÇ17	SolM	-12.47	-3.38	-1.82	-1.44	-2.22	-2.29	-2.00	0.00	-.90	-.74	2.13	2.48	-.13	-.11	.84	.99
	SagM	-2.49	-.77	-.43	-.32	-.49	-.49	-.52	0.00	1.11	.99	-.83	-.94	.17	.15	-.26	-.27
	SolV	-3.34	-.89						0.00	.48				.22	Maç=	22.86	(tm)
	SagV	-6.06	-1.72						0.00	.48				.22	Xaç=	0.00	m
KÇ22	SolM	25.41	5.82	2.47	2.99	3.33	3.63	3.97	0.00	-3.34	-2.62	5.15	6.53	-.53	-.43	2.14	2.74
	SagM	49.30	11.51	5.26	5.56	7.07	7.03	7.54	0.00	-4.93	-3.94	13.38	15.25	-.78	-.63	5.49	6.31
	SolV	19.14	4.59						0.00	4.73				1.97	Maç=	87.43	(tm)
	SagV	12.70	2.79						0.00	4.73				1.97	Xaç=	4.60	m
KÇ12	SolM	10.97	2.46	.80	1.50	1.32	1.33	1.96	0.00	-.36	.83	11.25	13.48	-.10	.08	4.49	5.42
	SagM	7.31	1.79	.78	.90	1.08	1.09	1.20	0.00	-.95	-.63	1.02	1.67	-.16	-.11	.48	.77
	SolV	7.70	1.60						0.00	4.74				1.94	Maç=	13.11	(tm)
	SagV	4.04	1.07						0.00	4.74				1.94	Xaç=	3.20	m
KÇ24	SolM	-31.19	-6.84	-2.96	-3.40	-4.00	-4.17	-4.56	0.00	3.35	2.73	-11.53	-12.70	.53	.44	-4.56	-5.06
	SagM	-27.56	-5.47	-2.30	-2.78	-2.97	-3.43	-3.75	0.00	2.99	2.74	-12.64	-13.12	.47	.43	-5.12	-5.33
	SolV	-16.95	-3.41						0.00	8.07				3.25	Maç=	54.60	(tm)
	SagV	-19.91	-4.34						0.00	8.07				3.25	Xaç=	0.00	m
KÇ23	SolM	16.76	3.07	1.27	1.57	1.56	1.95	2.18	0.00	-1.89	-1.88	7.92	7.93	-.29	-.29	3.35	3.35
	SagM	-25.45	-5.69	-2.56	-2.74	-3.50	-3.36	-3.74	0.00	1.79	1.69	-12.74	-12.94	.28	.27	-5.07	-5.18
	SolV	-2.12	-.62						0.00	1.92				.70	Maç=	-25.47	(tm)
	SagV	-4.37	-1.32						0.00	1.92				.70	Xaç=	.01	m
KÇ16	SolM	21.40	4.62	2.09	2.20	2.84	2.74	2.99	0.00	-1.32	-1.45	11.68	11.44	-.20	-.22	4.80	4.71
	SagM	3.08	.56	.30	.20	.35	.31	.33	0.00	.62	.42	2.36	1.97	.10	.07	1.10	.93
	SolV	12.99	2.66						0.00	7.02				2.94	Maç=	5.20	(tm)
	SagV	11.45	2.51						0.00	7.02				2.94	Xaç=	2.00	m
KÇ25	SolM	8.59	2.06	.90	1.01	1.18	1.33	1.31	0.00	-1.37	-1.28	1.60	1.69	-.21	-.19	.81	.82
	SagM	16.49	4.44	1.96	2.12	2.73	2.79	2.64	0.00	-.06	.18	1.75	2.09	-.01	.03	.91	1.01
	SolV	8.43	2.28						0.00	1.00				.49	Maç=	30.19	(tm)
	SagV	4.66	1.08						0.00	1.00				.49	Xaç=	3.77	m
KÇ26	SolM	-14.37	-3.94	-1.73	-1.88	-2.46	-2.56	-2.21	0.00	-2.00	-1.93	-4.01	-4.00	-.30	-.29	-1.48	-1.51
	SagM	-6.23	-1.56	-.75	-.70	-.98	-.86	-1.07	0.00	-1.25	-1.17	-3.15	-3.08	-.19	-.17	-1.14	-1.14
	SolV	-2.79	-.68						0.00	1.78				.66	Maç=	26.43	(tm)
	SagV	-7.30	-1.98						0.00	1.78				.66	Xaç=	0.00	m
KÇ27	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	.44	-.15	-.20	.08	-.25	-.14	.15	0.00	6.53	6.57	.90	.98	1.03	1.04	.37	.40
	SolV	1.50	.42						0.00	0.00				0.00	Maç=	6.03	(tm)
	SagV	-3.02	-.90						0.00	0.00				0.00	Xaç=	2.34	m
KÇ29	SolM	-55.52	-12.81	-5.50	-6.54	-7.66	-7.66	-8.76	0.00	3.88	1.82	-26.07	-29.88	.66	.34	-10.47	-12.07
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.93	.09						0.00	0.00				0.00	Maç=	43.90	(tm)
	SagV	-.48	-.02						0.00	0.00				0.00	Xaç=	.05	m

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

N STATYK HESAP SONUÇLARI

GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
3.00	1.19			Material:E1			0.00	1.57	1.62	1.42	1.52	.23	.24	.48	.53
-5.02	-1.25	-.55	-.62	-.75	-.75	-.85	0.00	-1.84	-2.24	-1.24	-1.97	-.24	-.30	-.47	-.75
-4.87	-1.22	-.54	-.61	-.73	-.73	-.82	0.00	-1.82	-2.21	-1.20	-1.92	-.24	-.29	-.45	-.72
-4.29	-1.21	-.56	-.58	-.78	-.75	-.75	0.00	.74	.27	1.54	.67	.13	.06	.48	.18
-4.20	-1.18	-.50	-.61	-.75	-.70	-.77	0.00	.72	.27	1.50	.65	.12	.06	.46	.18
7.45	2.34			Material:E1			0.00	4.69	4.74	3.93	4.02	.67	.69	1.36	1.44
-4.67	-1.18	-.52	-.59	-.70	-.72	-.79	0.00	-1.63	-2.00	-1.12	-1.81	-.22	-.27	-.42	-.69
-4.70	-1.18	-.52	-.59	-.71	-.72	-.79	0.00	-1.66	-2.03	-1.12	-1.81	-.22	-.27	-.42	-.69
-4.42	-1.21	-.52	-.62	-.71	-.73	-.84	0.00	.93	.46	1.42	.54	.16	.09	.53	.20
-4.42	-1.21	-.56	-.58	-.68	-.77	-.82	0.00	.93	.47	1.41	.54	.16	.09	.52	.19
11.54	3.38			Material:E1			0.00	8.74	8.78	6.81	6.89	1.26	1.27	2.45	2.54
-4.72	-1.18	-.52	-.59	-.71	-.72	-.79	0.00	-2.30	-2.72	-1.08	-1.86	-.31	-.37	-.39	-.71
-4.68	-1.17	-.52	-.58	-.70	-.71	-.78	0.00	-2.30	-2.72	-1.06	-1.84	-.31	-.37	-.38	-.70
-4.30	-1.18	-.54	-.56	-.67	-.78	-.75	0.00	.97	.40	1.99	.92	.17	.08	.81	.39
-4.27	-1.16	-.50	-.59	-.70	-.76	-.72	0.00	.98	.41	2.01	.94	.17	.08	.81	.40
17.80	4.96			Material:E1			0.00	13.90	13.74	10.78	10.49	2.02	2.01	4.05	4.00
-5.62	-1.40	-.62	-.70	-.83	-.85	-.95	0.00	-1.91	-2.36	-1.35	-2.19	-.26	-.33	-.50	-.85
-5.61	-1.40	-.61	-.70	-.83	-.85	-.94	0.00	-1.92	-2.38	-1.34	-2.18	-.26	-.33	-.49	-.84
-7.64	-2.08	-.88	-1.06	-1.33	-1.27	-1.28	0.00	2.11	1.36	2.53	1.13	.35	.23	1.13	.54
-7.65	-2.07	-.95	-.98	-1.31	-1.22	-1.34	0.00	2.15	1.38	2.59	1.18	.35	.24	1.15	.56
25.11	6.76			Material:E1			0.00	19.89	19.39	15.50	14.57	2.94	2.87	6.05	5.73
-5.52	-1.37	-.60	-.68	-.81	-.84	-.92	0.00	-1.71	-2.11	-1.29	-2.03	-.25	-.31	-.47	-.79
-5.49	-1.36	-.59	-.68	-.80	-.83	-.92	0.00	-1.71	-2.11	-1.28	-2.02	-.24	-.31	-.47	-.79
-7.64	-2.05	-.95	-.97	-1.20	-1.22	-1.41	0.00	2.18	1.48	2.17	.88	.36	.25	1.05	.49
-7.67	-2.05	-.88	-1.04	-1.16	-1.28	-1.39	0.00	2.22	1.52	2.23	.94	.36	.25	1.07	.50
29.94	7.97			Material:E1			0.00	27.18	26.52	20.91	19.69	4.06	3.97	8.40	7.93
-9.66	-2.39	-1.04	-1.20	-1.42	-1.46	-1.60	0.00	-2.85	-3.54	-2.25	-3.55	-.42	-.53	-.82	-1.38
-9.52	-2.34	-1.03	-1.17	-1.39	-1.44	-1.57	0.00	-2.82	-3.51	-2.18	-3.45	-.42	-.52	-.80	-1.35
-8.96	-2.39	-1.00	-1.22	-1.36	-1.57	-1.51	0.00	2.95	2.19	2.27	.85	.48	.36	1.15	.52
-8.60	-2.29	-1.03	-1.10	-1.37	-1.49	-1.40	0.00	2.92	2.19	2.31	.95	.47	.36	1.16	.55
37.97	9.98			Material:E1			0.00	37.97	37.23	26.70	25.34	5.73	5.63	10.91	10.37
-8.99	-2.24	-.98	-1.13	-1.34	-1.36	-1.52	0.00	-4.62	-5.58	-3.13	-4.93	-.69	-.84	-1.17	-1.95
-8.99	-2.23	-.97	-1.13	-1.34	-1.35	-1.52	0.00	-4.34	-5.27	-3.02	-4.76	-.65	-.79	-1.13	-1.89
-17.39	-4.55	-2.11	-2.13	-2.87	-2.80	-2.81	0.00	5.14	3.76	1.48	-1.10	.83	.62	.90	-.24
-16.66	-4.34	-1.91	-2.13	-2.70	-2.61	-2.76	0.00	5.04	3.70	1.80	-.72	.82	.61	1.03	-.08
47.57	12.27			Material:E1			0.00	52.34	51.65	33.90	32.61	7.98	7.87	14.00	13.48
-13.32	-3.33	-1.44	-1.71	-1.98	-2.04	-2.27	0.00	-7.82	-9.29	-5.54	-8.28	-1.20	-1.43	-2.11	-3.30
-12.70	-3.17	-1.37	-1.63	-1.88	-1.94	-2.18	0.00	-8.69	-10.17	-5.88	-8.63	-1.33	-1.56	-2.25	-3.44
-19.31	-4.98	-2.12	-2.52	-2.95	-3.01	-3.31	0.00	6.05	4.69	.89	-1.64	.97	.76	.64	-.47
-19.54	-5.05	-2.25	-2.45	-2.95	-3.13	-3.32	0.00	6.37	5.08	.90	-1.51	1.02	.82	.63	-.43
60.57	15.22			Material:E1			0.00	66.35	65.41	38.38	36.64	10.20	10.05	16.02	15.28
-10.39	-2.63	-1.17	-1.26	-1.58	-1.62	-1.67	0.00	.04	-.76	-.32	-1.82	-.01	-.14	-.01	-.67
-8.78	-2.20	-1.04	-.92	-1.32	-1.36	-1.23	0.00	9.40	9.26	5.51	5.24	1.44	1.42	2.30	2.19
-18.48	-4.59	-2.06	-2.23	-2.67	-2.87	-3.05	0.00	4.43	2.57	-.57	-4.01	.74	.44	.19	-1.34
-6.91	-1.77	-.81	-.82	-1.00	-1.12	-1.15	0.00	2.06	.07	10.21	6.52	.39	.07	4.68	3.04
5.10	2.50			Material:E1			0.00	.04	-.03	-.02	-.15	0.00	-.02	0.00	-.06
-1.73	-.52	-.23	-.26	-.31	-.32	-.34	0.00	-1.12	-1.17	-.56	-.65	-.14	-.15	-.22	-.26
-1.63	-.50	-.22	-.24	-.30	-.31	-.32	0.00	-1.06	-1.11	-.53	-.62	-.14	-.14	-.21	-.25
-3.74	-.88	-.34	-.48	-.45	-.57	-.62	0.00	.88	.35	1.56	.57	.15	.07	.47	.14
-3.71	-.87	-.39	-.42	-.48	-.59	-.56	0.00	.87	.34	1.55	.57	.15	.07	.47	.14
10.37	4.34			Material:E1			0.00	.99	.85	.40	.13	.11	.08	.18	.07
-2.47	-.79	-.35	-.39	-.48	-.50	-.50	0.00	-1.75	-1.79	-.86	-.94	-.23	-.24	-.35	-.38
-2.47	-.78	-.35	-.38	-.47	-.50	-.50	0.00	-1.73	-1.77	-.85	-.93	-.23	-.23	-.35	-.38
-4.96	-1.16	-.53	-.55	-.71	-.74	-.70	0.00	1.35	.67	1.89	.62	.23	.13	.70	.22
-4.94	-1.15	-.46	-.62	-.74	-.68	-.73	0.00	1.35	.68	1.89	.62	.23	.13	.70	.22
15.23	6.13			Material:E1			0.00	2.77	2.53	.99	.54	.33	.30	.44	.24
-2.41	-.75	-.33	-.36	-.45	-.47	-.48	0.00	-2.66	-2.70	-.83	-.90	-.36	-.37	-.34	-.37
-2.30	-.70	-.32	-.34	-.42	-.45	-.45	0.00	-2.56	-2.59	-.81	-.86	-.35	-.35	-.33	-.35
-4.60	-1.07	-.42	-.58	-.66	-.58	-.75	0.00	1.34	.55	2.53	1.06	.23	.11	1.02	.45
-4.43	-1.02	-.46	-.49	-.57	-.58	-.74	0.00	1.29	.52	2.48	1.04	.22	.11	1.00	.44
18.20	7.36			Material:E1			0.00	4.55	4.30	1.21	.74	.56	.52	.53	.33
-4.63	-1.39	-.62	-.67	-.82	-.87	-.90	0.00	-2.68	-2.78	-1.66	-1.86	-.37	-.38	-.67	-.76
-4.03	-1.19	-.53	-.58	-.72	-.72	-.77	0.00	-2.41	-2.52	-1.44	-1.63	-.32	-.34	-.58	-.66
-14.36	-3.30	-1.54	-1.52	-1.70	-2.11	-2.31	0.00	5.03	3.12	5.52	2.00	.82	.54	2.47	1.01
-13.71	-3.17	-1.25	-1.69	-1.73	-2.14	-2.01	0.00	4.80	2.97	5.35	1.98	.79	.52	2.38	.98
17.99	7.65			Material:E1			0.00	5.49	5.28	1.87	1.47	.67	.64	.81	.63
-7.10	-2.06	-.91	-1.00	-1.25	-1.26	-1.31	0.00	-2.66	-2.74	-2.61	-2.76	-.40	-.41	-1.07	-1.13
-7.04	-2.04	-.90	-.99	-1.19	-1.25	-1.35	0.00	-2.81	-2.92	-2.49	-2.68	-.40	-.42	-1.01	-1.10
-16.41	-3.83	-1.48	-2.09	-2.36	-2.49	-2.28	0.00	5.69	3.71	5.06	1.43	.93	.63	2.52	.94
-16.24	-3.79	-1.75	-1.77	-2.47	-2.21	-2.37	0.00	5.62	3.65	5.19	1.57	.92	.62	2.54	.97
15.88	7.44			Material:E1			0.00	5.49	5.30	2.76	2.40	.67	.64	1.17	1.01
-6.87	-2.09	-.95	-.99	-1.21	-1.29	-1.38	0.00	-1.29	-1.34	-2.38	-2.49	-.22	-.23	-.98	-1.02
-8.03	-2.26	-1.02	-1.07	-1.30	-1.45	-1.44	0.00	-.64	-.68	-2.78	-2.85	-.11	-.11	-1.14	-1.17
-17.22	-4.00	-1.89	-1.82	-2.52	-2.16	-2.73	0.00	6.78	4.83	4.55	.91	1.10	.80	2.44	.81
-17.14	-3.98	-1.60	-2.10	-2.25	-2.29	-2.84	0.00	6.87	4.90	5.00	1.35	1.12	.81	2.63	1.00
12.47	6.70			Material:E1			0.00	4.43	4.30	2.61	2.37	.53	.51	1.09	.99
-1.45	-.80	-.31	-.42	-.43	-.60	-.44	0.00	-3.40	-3.54	-1.04	-1.30	-.55	-.57	-.42	-.53
-4.65	-1.51	-.66	-.76	-.93	-.95	-.96	0.00	-2.74	-2.89	-1.47	-1.74	-.41	-.43	-.59	-.71
-25.60	-5.91	-2.20	-3.28	-3.13	-3.67	-4.17	0.00	8.26	5.60	.46	-4.52	1.35	.94	.74	-1.45
-24.05	-5.54	-2.35	-2.79	-3.09	-3.52	-3.66	0.00	8.00	5.47	.84	-3.88	1.31	.92	.88	-1.20
7.36	3.74			Material:E1			0.00	3.07	2.90	1.21	.90	.36	.34	.53	.40
-4.03	-1.39	-.64	-.67	-.88	-.89	-.84	0.00	-1.66	-1.67	-1.59	-1.60	-.33	-.33	-.66	-.66
-2.06	-.79	-.36	-.37	-.44	-.50	-.53	0.00	-1.97	-1.97	-.27	-.28	-.31	-.31	-.12	-.12
-33.23	-7.67	-3.46	-3.64	-4.64	-4.78	-4.79	0.00	11.54	8.16	1.13	-5.13	1.89	1.36	1.16	-1.59
-31.61	-7.34	-3.06	-3.73	-4.53	-4.36	-4.69	0.00	11.79	8.44	4.32	-1.90	1.93	1.40	2.47	-.26
0.00	0.00			Material:E1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-7.77	-2.36	-.98	-1.16	-1.38	-1.41	-1.49	0.00	-.70	-.91	-5.92	-6.31	-.27	-.30	-2.41	-2.59
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-36.62	-8.46	-3.28	-4.66	-5.23	-4.87	-5.78	0.00	7.77	4.80	-15.42	-20.90	1.30	.82	-5.69	-8.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.56	1.32			Material:E1			0.00	-.44	-.26	-.75	-.42	-.08	-.06	-.24	-.12
.38	-.01	-.01	0.00	0.00	-.02	.02	0.00	-1.03	-.75	-.26	.26	-.14	-.10	-.13	.05
.37	-.02	-.01	0.00	-.01	-.02	.01	0.00	-1.02	-.75	-.26	.25	-.13	-.09	-.13	.05
-2.39	-.36	-.16	-.18	-.25	-.16	-.25	0.00	.72	.21	1.38	.45	.12	.05	.42	.10
-2.34	-.36	-.11	-.22	-.21	-.15	-.29	0.00	.70	.21	1.35	.43	.12	.05	.41	.09
7.57	2.35			Material:E1			0.00	-.18	.19	-1.82	-1.13	-.08	-.03	-.58	-.32
.82	.09	.04	.05	.05	.03	.09	0.00	-1.09	-.78	-.20	.38	-.15	-.11	-.12	.11
.81	.09	.03	.05	.06	.03	.09	0.00	-1.12	-.80	-.21	.38	-.16	-.11	-.12	.11
-2.64	-.44	-.14	-.26	-.20	-.24	-.36	0.00	.89	.39	1.26	.31	.15	.08	.47	.11
-2.65	-.44	-.19	-.21	-.19	-.29	-.33	0.00	.89	.39	1.24	.30	.15	.08	.46	.10
11.40	3.33			Material:E1			0.00	1.01	1.53	-3.06	-2.09	.05	.13	-1.01	-.64
.70	.06	.02	.05	.04	.03	.07	0.00	-1.73	-1.35	-.29	.41	-.24	-.19	-.17	.11
.66	.06	.02	.04	.03	.02	.07	0.00	-1.68	-1.30	-.31	.40	-.24	-.18	-.18	.10
-2.69	-.46	-.20	-.22	-.24	-.32	-.29	0.00	.93	.31	1.77	.61	.16	.07	.73	.27
-2.78	-.49	-.17	-.28	-.30	-.31	-.29	0.00	.95	.32	1.77	.59	.16	.07	.72	.26
13.05	3.70			Material:E1			0.00	2.25	2.81	-3.98	-2.92	.19	.27	-1.34	-.93
.88	.04	.01	.04	.03	0.00	.07	0.00	-1.82	-1.27	-.49	.54	-.27	-.19	-.28	.15
.82	.04	.01	.04	.02	.01	.07	0.00	-1.80	-1.26	-.48	.52	-.26	-.18	-.27	.14
-3.27	-.57	-.20	-.33	-.38	-.29	-.38	0.00	1.32	.74	1.29	.22	.22	.13	.60	.15
-3.31	-.58	-.25	-.29	-.35	-.29	-.43	0.00	1.33	.74	1.33	.25	.22	.13	.62	.16
13.02	3.66			Material:E1			0.00	3.03	3.52	-4.48	-3.56	.27	.35	-1.55	-1.18
1.40	.10	.03	.09	.05	.03	.16	0.00	-1.97	-1.13	-.87	.68	-.31	-.19	-.49	.17
1.36	.09	.02	.09	.05	.03	.15	0.00	-1.87	-1.05	-.87	.64	-.30	-.17	-.48	.16
-3.94	-.70	-.31	-.34	-.34	-.40	-.56	0.00	1.56	.90	1.26	.05	.26	.16	.66	.13
-3.94	-.71	-.25	-.40	-.33	-.45	-.52	0.00	1.55	.89	1.28	.06	.26	.16	.67	.14

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SA03	N	13.39	3.63			Material:E1			0.00	2.51	2.67	-5.11	-4.82	.23	.25	-1.91	-1.80
	Ust Mx	2.19	.21	.09	.13	.12	.10	.24	0.00	-2.12	-.98	1.18	3.30	-.38	-.21	.34	1.26
	Alt Mx	2.10	.21	.09	.14	.11	.10	.23	0.00	-2.06	-.95	1.15	3.21	-.37	-.20	.33	1.23
	Ust My	-8.48	-1.57	-.71	-.75	-1.03	-.84	-1.03	0.00	2.79	1.57	-.43	-2.72	.47	.28	.08	-.93
	Alt My	-8.04	-1.51	-.60	-.80	-.93	-.81	-1.06	0.00	2.64	1.49	-.36	-2.51	.44	.27	.09	-.85
SZ03	N	9.06	2.40			Material:E1			0.00	1.86	1.89	-5.49	-5.44	.18	.19	-2.17	-2.15
	Ust Mx	1.97	.11	.04	.10	.03	.04	.22	0.00	-1.82	-.57	1.10	3.43	-.38	-.18	.29	1.31
	Alt Mx	1.97	.10	.04	.09	.03	.04	.21	0.00	-1.64	-.37	1.09	3.44	-.35	-.15	.28	1.31
	Ust My	-12.16	-2.31	-.83	-1.32	-1.24	-1.34	-1.73	0.00	3.85	2.17	-1.58	-4.68	.65	.39	-.31	-1.68
	Alt My	-11.54	-2.16	-.86	-1.14	-1.15	-1.32	-1.54	0.00	3.83	2.17	-1.04	-4.12	.65	.39	-.09	-1.45
SB03	N	0.00	0.00			Material:E1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Ust Mx	.23	-.26	-.11	-.09	-.18	-.17	-.04	0.00	-.60	.35	-1.29	.47	-.20	-.05	-.68	.09
	Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Ust My	-12.79	-2.66	-1.14	-1.36	-1.53	-1.66	-1.83	0.00	2.43	1.15	-7.00	-9.36	.42	.21	-2.60	-3.66
	Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SÇ04	N	4.72	.81			Material:E1			0.00	-2.43	-2.19	3.65	4.11	-.35	-.32	1.39	1.59
	Ust Mx	-7.81	-1.85	-.81	-.92	-1.12	-1.11	-1.23	0.00	-.63	-1.10	-2.01	-2.81	-.12	-.19	-.80	-1.11
	Alt Mx	-8.00	-1.91	-.84	-.95	-1.16	-1.15	-1.27	0.00	-.42	-.89	-2.06	-2.86	-.09	-.16	-.82	-1.13
	Ust My	-2.06	-.61	-.30	-.28	-.38	-.41	-.36	0.00	.50	.36	.99	.82	.08	.05	.27	.22
	Alt My	-1.96	-.60	-.33	-.23	-.40	-.41	-.31	0.00	.50	.37	1.02	.86	.08	.05	.28	.24
S604	N	.04	.31			Material:E1			0.00	-2.05	-1.84	6.49	6.93	-.28	-.25	2.37	2.59
	Ust Mx	-4.80	-1.15	-.50	-.57	-.69	-.68	-.78	0.00	-2.25	-2.65	-1.10	-1.84	-.30	-.36	-.42	-.69
	Alt Mx	-4.80	-1.15	-.50	-.57	-.68	-.68	-.78	0.00	-2.18	-2.58	-1.09	-1.83	-.29	-.35	-.42	-.69
	Ust My	-.11	-.16	-.11	-.05	-.15	-.10	-.06	0.00	-.05	-.19	2.34	2.08	0.00	-.02	.80	.72
	Alt My	-.11	-.16	-.07	-.08	-.14	-.07	-.09	0.00	-.05	-.18	2.28	2.03	0.00	-.02	.77	.70
S504	N	6.80	1.65			Material:E1			0.00	-.37	-.34	11.44	11.52	-.04	-.03	4.19	4.31
	Ust Mx	-11.21	-2.67	-1.17	-1.32	-1.57	-1.62	-1.79	0.00	-4.41	-5.32	-2.48	-4.20	-.60	-.73	-.93	-1.60
	Alt Mx	-11.03	-2.62	-1.14	-1.30	-1.55	-1.60	-1.75	0.00	-4.25	-5.15	-2.44	-4.13	-.58	-.71	-.91	-1.57
	Ust My	-.61	-.43	-.18	-.23	-.28	-.21	-.33	0.00	.10	-.22	5.17	4.55	.02	-.02	1.93	1.72
	Alt My	-.62	-.42	-.26	-.14	-.21	-.28	-.30	0.00	.10	-.21	5.03	4.44	.02	-.02	1.87	1.67
S404	N	11.92	2.64			Material:E1			0.00	2.31	2.14	18.41	18.10	.35	.33	6.89	6.88
	Ust Mx	-10.89	-2.58	-1.12	-1.29	-1.55	-1.56	-1.72	0.00	-5.52	-6.53	-2.32	-4.20	-.76	-.90	-.83	-1.59
	Alt Mx	-10.90	-2.58	-1.13	-1.29	-1.56	-1.56	-1.72	0.00	-5.53	-6.54	-2.30	-4.19	-.76	-.90	-.83	-1.59
	Ust My	-.53	-.38	-.25	-.11	-.19	-.33	-.19	0.00	.14	-.29	5.96	5.16	.03	-.03	2.35	2.05
	Alt My	-.57	-.38	-.17	-.19	-.26	-.32	-.14	0.00	.14	-.29	5.91	5.10	.03	-.03	2.32	2.01
S304	N	16.82	3.63			Material:E1			0.00	5.23	4.86	26.46	25.78	.77	.73	10.15	10.00
	Ust Mx	-12.53	-2.96	-1.29	-1.48	-1.77	-1.77	-2.00	0.00	-4.46	-5.48	-2.87	-4.76	-.62	-.78	-1.05	-1.85
	Alt Mx	-12.38	-2.92	-1.27	-1.46	-1.73	-1.74	-1.98	0.00	-4.54	-5.56	-2.82	-4.70	-.63	-.79	-1.03	-1.82
	Ust My	-.43	-.49	-.20	-.26	-.47	-.31	-.14	0.00	.35	.03	7.44	6.86	.06	.02	3.09	2.85
	Alt My	-.49	-.48	-.32	-.13	-.44	-.22	-.24	0.00	.38	.05	7.51	6.91	.07	.02	3.11	2.86
S204	N	19.41	4.20			Material:E1			0.00	10.13	9.73	36.15	35.44	1.51	1.46	14.22	14.04
	Ust Mx	-19.36	-4.54	-1.97	-2.28	-2.66	-2.76	-3.08	0.00	-6.87	-8.29	-4.36	-6.97	-1.00	-1.21	-1.60	-2.72
	Alt Mx	-18.36	-4.30	-1.87	-2.16	-2.52	-2.62	-2.91	0.00	-6.70	-8.06	-4.13	-6.63	-.97	-1.17	-1.52	-2.59
	Ust My	-.68	-.56	-.39	-.14	-.36	-.27	-.42	0.00	.62	.26	7.70	7.04	.10	.05	3.34	3.04
	Alt My	-.72	-.56	-.26	-.26	-.27	-.37	-.40	0.00	.63	.28	7.72	7.07	.11	.05	3.33	3.04
S104	N	21.53	4.67			Material:E1			0.00	17.62	17.28	46.79	46.16	2.66	2.61	18.78	18.61
	Ust Mx	-35.36	-8.30	-3.61	-4.16	-4.95	-5.03	-5.55	0.00	-11.66	-14.11	-7.74	-12.30	-1.73	-2.11	-2.82	-4.80
	Alt Mx	-34.75	-8.15	-3.54	-4.08	-4.86	-4.94	-5.46	0.00	-10.52	-12.79	-7.29	-11.50	-1.56	-1.91	-2.66	-4.48
	Ust My	-.74	-.62	-.25	-.32	-.31	-.59	-.25	0.00	1.21	.82	8.79	8.06	.20	.14	3.90	3.55
	Alt My	-.51	-.55	-.37	-.13	-.38	-.52	-.10	0.00	1.27	.89	8.77	8.05	.21	.15	3.88	3.54
SA04	N	25.70	5.74			Material:E1			0.00	26.32	26.07	57.96	57.50	4.00	3.97	23.60	23.47
	Ust Mx	-29.38	-6.87	-2.94	-3.51	-4.12	-4.07	-4.72	0.00	-20.75	-24.21	-11.19	-17.65	-3.12	-3.66	-4.22	-7.03
	Alt Mx	-27.73	-6.49	-2.79	-3.31	-3.88	-3.85	-4.46	0.00	-21.27	-24.61	-10.22	-16.46	-3.19	-3.70	-3.83	-6.53
	Ust My	-6.06	-1.90	-1.00	-.76	-1.38	-1.15	-1.00	0.00	.88	.46	7.58	6.79	.15	.08	3.33	2.98
	Alt My	-5.34	-1.72	-.74	-.86	-1.26	-.91	-1.02	0.00	1.00	.58	8.10	7.29	.17	.10	3.56	3.19
SZ04	N	46.95	11.02			Material:E1			0.00	45.12	45.15	65.00	65.07	6.90	6.91	26.66	26.75
	Ust Mx	-34.66	-8.15	-3.51	-4.13	-4.83	-4.96	-5.50	0.00	-26.49	-30.60	-11.96	-19.58	-4.07	-4.71	-4.46	-7.77
	Alt Mx	-38.85	-9.08	-3.93	-4.57	-5.38	-5.51	-6.10	0.00	-24.50	-28.67	-11.24	-18.98	-3.73	-4.38	-4.17	-7.52
	Ust My	-6.11	-1.93	-.77	-1.03	-1.23	-1.04	-1.31	0.00	1.06	.80	6.98	6.50	.17	.13	3.04	2.83
	Alt My	-5.69	-1.84	-.90	-.80	-1.07	-1.14	-1.18	0.00	1.09	.99	6.88	6.70	.17	.15	2.95	2.87
SB04	N	61.66	14.57			Material:E1			0.00	57.24	56.94	72.13	71.58	8.80	8.76	29.88	29.67
	Ust Mx	-21.28	-5.20	-2.13	-2.82	-3.14	-3.11	-3.65	0.00	-18.76	-21.38	-14.19	-19.03	-2.95	-3.37	-5.47	-7.61
	Alt Mx	14.88	3.52	1.71	1.34	2.07	2.19	1.84	0.00	-14.55	-14.51	-17.66	-17.60	-2.24	-2.23	-7.31	-7.29
	Ust My	-12.93	-3.46	-1.72	-1.51	-1.93	-2.27	-2.26	0.00	2.25	.80	3.76	1.08	.40	.16	2.06	.84
	Alt My	10.86	2.23	.81	1.33	1.41	1.26	1.61	0.00	.63	-1.00	28.04	25.03	.15	-.11	12.18	10.82
SÇ05	N	6.74	1.68			Material:E1			0.00	.43	.48	2.67	2.76	.06	.07	1.11	1.14
	Ust Mx	-5.17	-1.22	-.54	-.59	-.75	-.74	-.77	0.00	-.20	-.25	-1.77	-1.86	-.07	-.08	-.73	-.77
	Alt Mx	-6.79	-1.69	-.74	-.83	-1.03	-1.03	-1.08	0.00	.47	.39	-2.24	-2.38	0.00	-.02	-.92	-.98
	Ust My	-1.58	-.33	-.14	-.16	-.19	-.15	-.26	0.00	2.06	1.75	2.26	1.91	.32	.26	.57	.50
	Alt My	-1.72	-.34	-.02	-.28	-.08	-.17	-.36	0.00	2.03	1.75	1.80	1.50	.31	.26	.42	.36
S605	N	5.97	1.18			Material:E1			0.00	.76	.82	4.98	5.09	.12	.13	2.05	2.10
	Ust Mx	-8.04	-2.02	-.89	-.98	-1.19	-1.23	-1.33	0.00	-5.53	-5.68	-2.45	-2.74	-.72	-.74	-1.00	-1.11
	Alt Mx	-7.42	-1.84	-.82	-.89	-1.08	-1.12	-1.22	0.00	-4.60	-4.76	-2.19	-2.50	-.60	-.62	-.89	-1.01
	Ust My	3.82	.89	.48	.35	.72	.45	.49	0.00	.50	-.01	9.15	8.18	.09	.02	3.07	2.81
	Alt My	3.57	.83	.25	.53	.60	.31	.64	0.00	.56	.07	8.69	7.77	.10	.03	2.88	2.64
S505	N	5.01	.94			Material:E1			0.00	.62	.64	7.62	7.64	.13	.14	3.09	3.11
	Ust Mx	-15.98	-3.93	-1.77	-1.89	-2.29	-2.51	-2.51	0.00	-7.71	-7.94	-4.85	-5.27	-1.07	-1.10	-1.98	-2.16
	Alt Mx	-14.09	-3.46	-1.53	-1.68	-2.02	-2.20	-2.20	0.00	-5.39	-5.63	-4.32	-4.77	-.73	-.77	-1.76	-1.95
	Ust My	3.51	.86	.19	.63	.38	.35	.90	0.00	1.60	.83	11.82	10.32	.27	.16	4.40	3.89
	Alt My	3.57	.87	.48	.34	.24	.61	.79	0.00	1.55	.81	11.57	10.15	.26	.15	4.26	3.78
S405	N	4.82	.96			Material:E1			0.00	-.08	-.14	10.44	10.33	.07	.06	4.21	4.19
	Ust Mx	-11.88	-2.92	-1.27	-1.44	-1.83	-1.75	-1.84	0.00	-11.88	-12.10	-3.57	-3.99	-1.65	-1.68	-1.45	-1.62
	Alt Mx	-11.22	-2.76	-1.22	-1.35	-1.74	-1.65	-1.73	0.00	-11.86	-12.05	-3.26	-3.62	-1.62	-1.65	-1.32	-1.47
	Ust My	3.92	.95	.55	.35	.40	.83	.56	0.00	1.62	.49	14.90	12.79	.28	.12	5.86	5.07
	Alt My	3.75	.91	.25	.61	.61	.69	.41	0.00	1.61	.47	14.95	12.80	.28	.12	5.84	5.04
S305	N	5.12	1.16			Material:E1			0.00	-.92	-1.04	12.65	12.43	-.02	-.03	5.12	5.06
	Ust Mx	-19.96	-4.89	-2.20	-2.38	-2.90	-2.91	-3.35	0.00	-4.77	-5.58	-5.24	-6.74	-.69	-.81	-2.06	-2.69
	Alt Mx	-16.36	-4.05	-1.81	-1.98	-2.37	-2.39	-2.82	0.00	-6.92	-7.72	-4.13	-5.62	-.90	-1.02	-1.60	-2.23
	Ust My	5.59	1.36	.35	.93	1.08	.70	.78	0.00	2.15	1.59	13.09	12.08	.34	.26	5.46	5.04
	Alt My	5.41	1.31	.66	.58	.93	.53	1.02	0.00	1.96	1.41	12.76	11.75	.31	.24	5.25	4.84
S205	N	3.18	.91			Material:E1			0.00	-1.14	-1.29	12.86	12.59	-.02	-.04	5.24	5.14
	Ust Mx	-20.81	-5.16	-2.26	-2.56	-2.89	-3.43	-3.31	0.00	-6.81	-7.22	-6.01	-6.76	-1.08	-1.15	-2.43	-2.75
	Alt Mx	-19.83	-4.82	-2.08	-2.42	-2.70	-3.18	-3.11	0.00	-10.33	-10.88	-5.98	-7.01	-1.42	-1.51	-2.39	-2.84
	Ust My	8.22	1.95	1.14	.70	1.00	.85	1.83	0.00	3.51	2.57	18.14	16.42	.56	.42	7.94	7.16
	Alt My	7.08	1.67	.46	1.12	.60	1.14	1.43	0.00	3.22	2.31	17.81	16.15	.52	.38	7.70	6.96
S105	N	.44	.47			Material:E1			0.00	-.95	-1.06	11.50	11.29	.01	-.01	4.71	4.63
	Ust Mx	-14.49	-3.78	-1.75	-1.77	-2.50	-2.26	-2.27	0.00	-.97	-1.21	-4.02	-4.47	-.28	-.32	-1.62	-1.81
	Alt Mx	-32.18	-7.88	-3.61	-3.70	-4.83	-4.81	-4.99	0.00	1.91	1.69	-9.28	-9.68	.31	.27	-3.79	-3.96
	Ust My	9.28	2.21	.59	1.50	.99	1.73	1.46	0.00	4.02	3.35	15.38	14.14	.64	.53	6.96	6.33
	Alt My	11.49	2.70	1.30	1.26	1.68	1.85	1.59	0.00	4.09	3.44	16.66	15.44	.65	.54	7.46	6.84
SA05	N	.52	.48			Material:E1			0.00	-.55	-.66	9.23	9.03	.05	.04	3.80	3.73
	Ust Mx	8.07	1.62	.84	.62	.95	1.16	.80	0.00	-10.75	-11.32	2.01	.96	-1.69	-1.78	.88	.43
	Alt Mx	-7.08	-1.89	-.76	-.99	-.99	-.99	-1.53	0.00	-7.72	-8.30	-2.90	-3.99	-1.03	-1.12	-1.13	-1.60
	Ust My	-1.86	-.32	.33	-.59	.38	-.39	-.51	0.00	3.67	2.68	13.72	11.84	.59	.44	6.15	5.30
	Alt My	-.79	-.06	-.42	.41	.25	-.66	.38	0.00	4.06	3.02	13.66	11.68	.65	.49	6.17	5.27
SZ05	N	.46	.42			Material:E1			0.00	-.70	-.81	7.03	6.81	0.00	-.02	2.93	2.84
	Ust Mx	-4.27	-1.35	-.62	-.61	-.65	-1.16	-.67	0.00	-2.68	-2.82	-2.55	-2.80	-.63	-.65	-1.04	-1.15
	Alt Mx	1.34	.54	.10	.31	.38	.08	.36	0.00	-5.27	-5.26	7.78	7.79	-.57	-.57	3.18	3.20
	Ust My	4.82	1.20	-.03	1.19	.53	.29	1.49	0.00	3.36	2.89	16.71	15.86	.54	.46	7.30	6.89
	Alt My	13.90	3.19	1.47	1.58	1.46	2.08	2.56	0.00	3.34	3.18	28.95	28.65	.52	.49	12.32	12.16
SB05	N	0.00	0.00			Material:E1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Ust Mx	-29.18	-8.04	-3.45	-4.00	-5.11	-4.99	-4.80	0.00	-1.06	-1.92	-16.41	-17.99	-.61	-.74	-6.63	-7.34
	Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Ust My	-31.80	-7.23	-2.43	-4.41	-4.80	-3.82	-5.06	0.00	5.36	3.02	-22.13	-26.45	.91	.52	-8.40	-10.36
	Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S606	N	1.53	.14			Material:E1			0.00	-5.54	-5.87	3.00	2.36	-.80	-.85	1.64	1.33
Ust	Mx	-1.35	-.33	-.15	-.15	-.19	-.21	-.19	0.00	-1.49	-1.10	-.96	-.25	-.20	-.14	-.44	-.18
Alt	Mx	-1.31	-.32	-.15	-.13	-.18	-.20	-.18	0.00	-1.38	-1.01	-.92	-.23	-.19	-.13	-.42	-.17
Ust	My	3.62	.96	.39	.51	.50	.64	.66	0.00	.37	.16	3.69	3.30	.06	.03	1.22	1.12
Alt	My	3.42	.91	.43	.42	.52	.62	.56	0.00	.36	.17	3.47	3.11	.06	.03	1.14	1.04
S506	N	.04	.10			Material:E1			0.00	-6.77	-7.07	2.34	1.75	-1.00	-1.05	1.73	1.38
Ust	Mx	-2.53	-.60	-.31	-.20	-.36	-.44	-.22	0.00	-4.56	-3.05	-2.93	-.09	-.66	-.44	-1.39	-.29
Alt	Mx	-2.35	-.55	-.26	-.20	-.35	-.39	-.20	0.00	-4.12	-2.67	-2.79	-.07	-.59	-.38	-1.32	-.27
Ust	My	7.01	1.92	.95	.85	1.27	1.23	1.10	0.00	1.31	.84	7.59	6.68	.21	.15	2.80	2.50
Alt	My	6.69	1.83	.75	.97	1.25	1.03	1.15	0.00	1.25	.83	7.09	6.26	.20	.14	2.59	2.32
S406	N	1.45	.02			Material:E1			0.00	-8.24	-8.43	.07	-.28	-1.24	-1.28	1.08	.78
Ust	Mx	-2.14	-.50	-.23	-.19	-.37	-.29	-.19	0.00	-6.36	-4.83	-2.61	.23	-.92	-.69	-1.27	-.14
Alt	Mx	-1.97	-.46	-.23	-.16	-.33	-.26	-.18	0.00	-6.07	-4.64	-2.40	.26	-.87	-.66	-1.17	-.12
Ust	My	6.26	1.70	.68	.92	1.08	.89	1.22	0.00	1.23	.57	8.68	7.44	.21	.11	3.41	2.94
Alt	My	5.94	1.61	.78	.73	.90	.93	1.19	0.00	1.19	.52	8.51	7.25	.20	.11	3.30	2.83
S306	N	4.77	.53			Material:E1			0.00	-8.74	-8.87	-2.84	-3.08	-1.32	-1.35	0.00	-.29
Ust	Mx	-8.30	-1.94	-.98	-.72	-1.12	-1.18	-1.08	0.00	-10.96	-7.42	-6.82	-.30	-1.67	-1.14	-3.30	-.57
Alt	Mx	-6.83	-1.64	-.78	-.64	-.92	-1.03	-.88	0.00	-11.14	-7.82	-6.17	-.06	-1.65	-1.16	-2.99	-.45
Ust	My	9.43	2.54	1.27	1.12	1.32	1.70	1.75	0.00	2.05	1.66	8.71	8.01	.32	.27	3.66	3.36
Alt	My	8.98	2.43	.99	1.28	1.39	1.66	1.50	0.00	2.01	1.57	9.02	8.23	.32	.26	3.73	3.41
S206	N	7.83	1.13			Material:E1			0.00	-9.83	-9.86	-5.57	-5.66	-1.48	-1.51	-1.23	-1.44
Ust	Mx	-5.67	-1.33	-.61	-.52	-.81	-.98	-.47	0.00	-6.54	-3.77	-5.81	-.70	-1.09	-.67	-2.80	-.59
Alt	Mx	-7.17	-1.63	-.77	-.64	-1.01	-1.13	-.68	0.00	-7.69	-4.89	-5.89	-.74	-1.21	-.79	-2.81	-.61
Ust	My	8.64	2.31	.92	1.25	1.56	1.45	1.31	0.00	2.05	1.64	7.39	6.65	.33	.26	3.28	2.93
Alt	My	8.57	2.29	1.10	1.04	1.57	1.29	1.42	0.00	2.01	1.59	7.70	6.93	.32	.26	3.36	3.02
S106	N	9.71	1.53			Material:E1			0.00	-9.58	-9.71	-7.35	-7.60	-1.44	-1.47	-2.19	-2.43
Ust	Mx	-4.99	-1.17	-.72	-.23	-.93	-.68	-.28	0.00	-8.42	-4.69	-7.86	-.92	-1.48	-.90	-3.84	-.81
Alt	Mx	-5.02	-1.17	-.70	-.24	-.88	-.67	-.34	0.00	-6.56	-3.33	-10.31	-4.33	-1.13	-.63	-4.83	-2.23
Ust	My	10.46	2.78	1.37	1.23	1.73	1.48	2.00	0.00	2.74	2.34	7.70	6.95	.44	.37	3.52	3.15
Alt	My	10.68	2.81	1.17	1.46	1.60	1.62	2.04	0.00	2.72	2.33	7.96	7.24	.43	.37	3.62	3.26
SA06	N	9.11	1.48			Material:E1			0.00	-7.61	-7.86	-7.47	-7.94	-1.13	-1.18	-2.51	-2.80
Ust	Mx	-12.44	-2.84	-1.17	-1.34	-1.74	-1.65	-1.62	0.00	-15.46	-10.36	2.03	11.55	-2.62	-1.84	.33	4.47
Alt	Mx	-10.70	-2.48	-1.09	-1.07	-1.45	-1.47	-1.40	0.00	-14.09	-9.36	-2.40	6.47	-2.30	-1.58	-1.55	2.30
Ust	My	5.28	1.63	.61	.91	.77	1.20	1.08	0.00	2.28	1.83	5.07	4.21	.37	.30	2.34	1.95
Alt	My	5.99	1.76	.91	.73	1.01	1.30	.98	0.00	2.34	1.90	5.61	4.77	.37	.31	2.58	2.19
SZ06	N	6.39	1.07			Material:E1			0.00	-3.83	-4.15	-6.48	-7.06	-.55	-.61	-2.36	-2.67
Ust	Mx	-10.93	-2.69	-1.28	-1.04	-1.69	-1.87	-1.08	0.00	-12.88	-8.04	-1.66	7.27	-2.38	-1.62	-1.21	2.66
Alt	Mx	-7.20	-1.52	-.75	-.55	-1.06	-1.08	-.45	0.00	-15.26	-10.29	7.18	16.42	-2.52	-1.76	2.54	6.50
Ust	My	7.68	2.21	1.19	.88	1.52	1.41	1.21	0.00	2.15	1.87	5.81	5.31	.34	.30	2.63	2.39
Alt	My	10.19	2.85	1.23	1.44	1.90	1.61	1.83	0.00	2.13	1.95	8.66	8.33	.34	.31	3.80	3.63
SB06	N	0.00	0.00			Material:E1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust	Mx	-20.25	-5.09	-2.21	-2.31	-3.30	-3.15	-2.58	0.00	-6.63	-2.49	-19.67	-12.02	-1.56	-.88	-8.85	-5.43
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust	My	-9.39	-1.80	-.84	-.88	-1.00	-1.23	-1.22	0.00	2.40	1.49	-10.48	-12.16	.40	.25	-4.01	-4.79
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SÇ07	N	13.09	3.37			Material:E1			0.00	6.45	6.39	-1.96	-2.06	.96	.95	-.87	-.90
Ust	Mx	-2.17	-.54	-.24	-.26	-.33	-.31	-.36	0.00	-3.25	-3.69	-.03	-.78	-.52	-.59	.01	-.27
Alt	Mx	-2.29	-.55	-.24	-.27	-.32	-.33	-.38	0.00	-3.20	-3.64	-.11	-.85	-.51	-.59	-.02	-.30
Ust	My	9.34	1.96	.84	.98	1.14	1.18	1.32	0.00	-.95	-.80	4.74	5.04	-.15	-.13	1.81	1.94
Alt	My	8.85	1.86	.78	.94	1.07	1.12	1.26	0.00	-.89	-.75	4.52	4.80	-.14	-.12	1.72	1.85
S607	N	19.95	4.68			Material:E1			0.00	9.97	9.96	.33	.35	1.50	1.49	-.08	-.05
Ust	Mx	-.33	-.06	-.02	-.03	-.03	-.02	-.05	0.00	-4.59	-4.95	.36	-.32	-.66	-.71	.18	-.07
Alt	Mx	-.41	-.08	-.02	-.05	-.05	-.03	-.05	0.00	-4.51	-4.87	.34	-.34	-.65	-.70	.17	-.08
Ust	My	6.73	1.40	.59	.71	.79	.85	.95	0.00	-.71	-.64	4.57	4.71	-.11	-.10	1.71	1.78
Alt	My	6.86	1.43	.61	.71	.81	.88	.95	0.00	-.71	-.63	4.61	4.76	-.11	-.10	1.73	1.80
S507	N	27.31	6.17			Material:E1			0.00	12.43	12.43	3.66	3.70	1.90	1.90	1.13	1.19
Ust	Mx	-1.00	-.22	-.06	-.13	-.16	-.08	-.14	0.00	-8.00	-8.68	.62	-.66	-1.16	-1.26	.33	-.17
Alt	Mx	-1.08	-.24	-.09	-.12	-.15	-.08	-.19	0.00	-7.88	-8.56	.60	-.67	-1.14	-1.24	.32	-.18
Ust	My	8.91	1.87	.81	.93	1.08	1.15	1.24	0.00	-.86	-.75	5.86	6.06	-.14	-.12	2.29	2.38
Alt	My	8.97	1.89	.80	.96	1.11	1.15	1.25	0.00	-.85	-.74	5.87	6.08	-.14	-.12	2.29	2.39
S407	N	35.58	7.87			Material:E1			0.00	14.52	14.48	7.97	7.92	2.26	2.26	2.76	2.81
Ust	Mx	-1.32	-.30	-.11	-.15	-.17	-.12	-.24	0.00	-8.74	-9.51	.58	-.85	-1.26	-1.38	.33	-.24
Alt	Mx	-1.36	-.31	-.11	-.17	-.16	-.15	-.24	0.00	-8.63	-9.39	.56	-.86	-1.24	-1.36	.32	-.24
Ust	My	9.21	1.95	.82	.99	1.15	1.17	1.31	0.00	-.82	-.72	6.54	6.72	-.13	-.11	2.60	2.69
Alt	My	9.28	1.97	.85	.98	1.14	1.18	1.34	0.00	-.80	-.70	6.61	6.80	-.13	-.11	2.63	2.71
S307	N	42.80	9.36			Material:E1			0.00	17.76	17.83	13.54	13.70	2.78	2.80	4.98	5.13
Ust	Mx	-1.84	-.42	-.13	-.24	-.21	-.22	-.31	0.00	-11.37	-12.43	.72	-1.24	-1.67	-1.83	.43	-.39
Alt	Mx	-1.65	-.38	-.13	-.20	-.23	-.18	-.27	0.00	-10.98	-12.01	.74	-1.16	-1.61	-1.77	.44	-.35
Ust	My	11.39	2.43	1.05	1.21	1.39	1.47	1.65	0.00	-.97	-.77	7.21	7.59	-.16	-.12	2.95	3.11
Alt	My	11.38	2.43	1.03	1.23	1.39	1.49	1.64	0.00	-.94	-.74	7.26	7.63	-.15	-.12	2.96	3.12
S207	N	52.46	11.34			Material:E1			0.00	23.41	23.72	19.09	19.68	3.65	3.71	7.26	7.60
Ust	Mx	-3.50	-.81	-.30	-.43	-.53	-.36	-.57	0.00	-21.75	-23.60	1.58	-1.84	-3.26	-3.54	.91	-.55
Alt	Mx	-4.00	-.92	-.33	-.50	-.57	-.41	-.70	0.00	-20.77	-22.58	1.34	-1.99	-3.10	-3.38	.81	-.62
Ust	My	15.04	3.22	1.37	1.63	1.88	1.98	2.14	0.00	-1.06	-.80	9.00	9.47	-.17	-.13	3.74	3.94
Alt	My	14.81	3.18	1.37	1.58	1.87	1.93	2.12	0.00	-1.02	-.76	8.86	9.33	-.16	-.12	3.68	3.87
S107	N	60.96	13.08			Material:E1			0.00	27.78	28.21	26.99	27.81	4.32	4.40	10.63	11.05
Ust	Mx	-3.93	-.92	-.30	-.53	-.56	-.37	-.73	0.00	-22.40	-24.30	1.79	-1.76	-3.40	-3.69	1.04	-.51
Alt	Mx	-4.99	-1.17	-.42	-.65	-.68	-.58	-.88	0.00	-22.06	-23.95	1.72	-1.78	-3.34	-3.63	1.01	-.51
Ust	My	26.58	5.73	2.49	2.84	3.37	3.43	3.87	0.00	-1.58	-1.12	15.11	15.94	-.26	-.19	6.33	6.67
Alt	My	25.09	5.41	2.32	2.73	3.16	3.25	3.68	0.00	-1.39	-.97	14.23	15.00	-.23	-.16	5.96	6.27
SA07	N	64.59	13.81			Material:E1			0.00	28.89	29.30	39.42	40.19	4.49	4.56	15.94	16.32
Ust	Mx	-1.82	-.34	-.04	-.27	-.18	-.07	-.37	0.00	-25.24	-27.68	-1.22	-5.77	-3.83	-4.21	-.22	-2.20
Alt	Mx	-11.60	-2.57	-1.03	-1.37	-1.53	-1.43	-1.83	0.00	-17.43	-19.59	-3.76	-7.80	-2.62	-2.95	-1.30	-3.05
Ust	My	36.03	7.68	3.30	3.85	4.39	4.69	5.22	0.00	-2.68	-1.83	23.03	24.60	-.43	-.30	9.59	10.26
Alt	My	36.08	7.73	3.39	3.81	4.42	4.77	5.21	0.00	-2.51	-1.65	22.57	24.17	-.41	-.28	9.39	10.07
SZ07	N	33.33	7.01			Material:E1			0.00	-.09	-.75	64.00	62.77	.01	-.09	26.41	25.90
Ust	Mx	-14.68	-3.30	-1.29	-1.80	-2.02	-1.85	-2.31	0.00	-22.06	-24.73	-7.21	-12.17	-3.39	-3.81	-2.68	-4.83
Alt	Mx	-2.45	-.49	-.04	-.44	-.37	-.08	-.50	0.00	-31.72	-34.66	-4.64	-10.09	-4.85	-5.31	-1.59	-3.96
Ust	My	36.79	7.88	3.49	3.85	4.54	4.87	5.25	0.00	-2.79	-1.79	22.73	24.59	-.46	-.30	9.43	10.22
Alt	My	35.08	7.48	3.25	3.71	4.35	4.56	5.02	0.00	-2.81	-1.83	22.84	24.66	-.46	-.31	9.46	10.24
SB07	N	42.89	9.07			Material:E1			0.00	-.84	-1.60	73.29	71.88	-.14	-.26	30.45	29.84
Ust	Mx	-.07	-.14	.06	-.13	-.16	.08	-.06	0.00	-28.30	-30.77	6.94	2.38	-4.41	-4.81	3.24	1.23
Alt	Mx	-10.51	-2.22	-1.09	-.83	-1.24	-1.43	-1.18	0.00	-.85	-1.08	17.79	17.38	-.14	-.17	7.40	7.22
Ust	My	23.37	5.00	2.14	2.52	2.93	3.01	3.38	0.00	-1.25	-.93	15.37	15.97	-.20	-.15	6.54	6.78
Alt	My	29.97	6.69	2.81	3.47	3.97	4.02	4.59	0.00	-1.22	-.79	27.32	28.12	-.20	-.13	11.50	11.82
SÇ08	N	21.21	4.66			Material:E1			0.00	2.02	1.78	-5.70	-6.14	.32	.28	-2.36	-2.54
Ust	Mx	.52	.21	.10	.09	.18	.11	.08	0.00	-4.87	-4.94	-.06	-.17	-.78	-.79	-.02	-.06
Alt	Mx	.74	.27	.08	.18	.24	.09	.18	0.00	-4.19	-4.26	.03	-.08	-.68	-.69	.02	-.03
Ust	My	11.08	2.49	1.07	1.26	1.45	1.53	1.66	0.00	-1.09	-.86	4.72	5.19	-.18	-.14	1.77	1.98
Alt	My	11.07	2.48	1.08	1.23	1.46	1.53	1.64	0.00	-1.09	-.85	4.69	5.16	-.17	-.14	1.76	1.97
S608	N	46.43	10.95			Material:E1			0.00	3.99	3.52	-11.96	-12.81	.63	.56	-5.07	-5.41
Ust	Mx	2.08	.66	.26	.37	.43	.33	.50	0.00	-7.53	-7.64	.46	.25	-1.10	-1.11	.20	.12
Alt	Mx	1.87	.60	.33	.24	.29	.39	.47	0.00	-7.11	-7.22	.41	.20	-1.04	-1.05	.18	.10
Ust	My	10.75	2.38	1.03	1.19	1.41	1.45	1.58	0.00	-1.11	-.92	5.95	6.30	-.18	-.15	2.20	2.36
Alt	My	10.61	2.35	.99	1.19	1.39	1.41	1.57	0.00	-1.08	-.89	5.87	6.22	-.17	-.14	2.16	2.33
S508	N	70.03	16.79			Material:E1			0.00	5.55	4.92	-17.30	-18.44	.87	.78	-7.50	-7.95
Ust	Mx	4.16	1.28	.71	.51	.60	1.02	.82	0.00	-13.17	-13.31	.89	.62	-1.96	-1.98	.38	.28
Alt	Mx	3.95	1.22	.49	.68	.76	.99	.58	0.00	-12.63	-12.77	.84	.58	-1.87	-1.90	.36	.26
Ust	My	24.05	5.36	2.27	2.73	3.14	3.22	3.62	0.00	-2.33	-1.89	13.28	14.08	-.37	-.30	5.11	5.47
Alt	My	23.71	5.28	2.28	2.64	3.06	3.21	3.57	0.00	-2.25	-1.82	13.11	13.89	-.36	-.29	5.05	5.40
S408	N	92.10	22.29			Material:E1			0.00	7.12	6.27	-21.77	-23.34	1.12	1.00	-9.48	-10.10
Ust	Mx	3.33	1.05	.39	.61	.85	.71	.45	0.00	-13.67	-13.83	.70	.41	-2.01	-2.04	.31	.19
Alt	Mx	3.15	1.00	.56	.40	.82	.50	.59	0.00	-13.12	-13.27	.65	.37	-1.93	-1.95	.29	.18
Ust	My	23.00	5.13	2.22	2.56	2.98	3.15	3.43	0.00	-2.03	-1.68	13.97	14.61	-.32	-.27	5.50	5.79
Alt	My	22.59	5.05	2.14	2.57	2.97	3.10	3.35	0.00	-1.94	-1.60	13.75	14.36	-.31	-.26	5.41	5.68

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S208	N	108.10	26.56		Material:E1				0.00	7.82	6.96	-21.68	-23.27	1.23	1.10	-9.56	-10.19
Ust	Mx	5.98	1.90	.64	1.17	.78	1.59	1.25	0.00	-17.34	-17.46	1.02	.80	-2.65	-2.67	.44	.34
Alt	Mx	5.09	1.66	.91	.68	1.01	1.41	.76	0.00	-15.85	-15.98	.76	.52	-2.40	-2.42	.33	.23
Ust	My	48.55	10.92	4.72	5.45	6.45	6.56	7.33	0.00	-3.51	-2.60	24.00	25.69	-.57	-.43	9.96	10.66
Alt	My	48.62	10.94	4.65	5.55	6.42	6.63	7.34	0.00	-3.44	-2.53	24.21	25.89	-.56	-.42	10.03	10.73
S108	N	102.86	25.44		Material:E1				0.00	7.40	6.63	-19.91	-21.33	1.17	1.05	-8.72	-9.30
Ust	Mx	8.99	2.79	1.76	.91	2.24	1.95	1.13	0.00	-21.38	-21.46	1.64	1.48	-3.31	-3.32	.70	.63
Alt	Mx	4.84	1.75	.76	.93	1.53	.85	1.00	0.00	-19.08	-19.16	.75	.61	-2.93	-2.95	.34	.27
Ust	My	62.42	14.09	5.97	7.16	8.26	8.59	9.41	0.00	-3.94	-2.79	29.34	31.45	-.64	-.46	12.29	13.16
Alt	My	63.14	14.27	6.13	7.16	8.43	8.69	9.46	0.00	-3.83	-2.71	29.54	31.62	-.62	-.45	12.37	13.22
SA08	N	86.78	21.55		Material:E1				0.00	5.72	5.15	-17.17	-18.22	.90	.82	-7.43	-7.87
Ust	Mx	16.48	4.55	1.46	2.82	3.09	2.04	3.43	0.00	-23.34	-23.53	3.04	2.67	-3.60	-3.63	1.27	1.11
Alt	Mx	1.93	.76	.26	.46	.49	.28	.68	0.00	-9.84	-9.98	.16	-.10	-1.47	-1.49	.08	-.03
Ust	My	71.82	16.21	7.02	8.06	9.65	9.85	10.65	0.00	-5.63	-4.03	36.65	39.60	-.91	-.67	15.27	16.52
Alt	My	70.24	15.89	6.77	8.01	9.47	9.58	10.52	0.00	-5.31	-3.80	35.80	38.60	-.86	-.63	14.91	16.10
SZ08	N	48.48	11.55		Material:E1				0.00	2.25	2.30	-9.01	-8.91	.34	.36	-3.98	-3.93
Ust	Mx	.67	.39	.26	.12	.23	.53	0.00	0.00	-6.73	-6.73	-.73	-.72	-1.10	-1.10	-.31	-.30
Alt	Mx	12.04	3.55	1.25	2.08	2.49	2.59	1.57	0.00	-17.63	-17.68	3.41	3.31	-2.65	-2.65	1.39	1.35
Ust	My	87.03	19.73	8.41	9.94	11.72	11.89	13.08	0.00	-6.40	-4.57	42.86	46.27	-1.04	-.75	17.84	19.29
Alt	My	95.68	21.68	9.34	10.81	12.82	13.15	14.34	0.00	-6.73	-4.80	47.69	51.27	-1.09	-.79	19.85	21.38
SB08	N	0.00	0.00		Material:E1				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust	Mx	6.45	1.83	.39	1.38	1.52	1.54	.48	0.00	-19.01	-19.46	-2.34	-3.16	-3.07	-3.15	-.88	-1.25
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust	My	41.13	9.34	4.14	4.49	5.45	5.74	6.06	0.00	-2.38	-1.92	12.16	13.01	-.37	-.31	5.23	5.57
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SÇ09	N	21.45	4.73		Material:E1				0.00	.31	.44	-8.87	-8.62	.05	.07	-3.61	-3.52
Ust	Mx	3.67	.92	.40	.44	.58	.54	.57	0.00	-5.80	-5.57	.56	.95	-.93	-.90	.22	.37
Alt	Mx	3.71	.94	.39	.47	.59	.54	.60	0.00	-5.41	-5.18	.60	.97	-.87	-.84	.23	.38
Ust	My	3.90	1.04	.44	.54	.62	.62	.72	0.00	-.47	-.24	1.06	1.50	-.08	-.05	.28	.47
Alt	My	3.68	.99	.41	.52	.59	.59	.69	0.00	-.45	-.23	.94	1.37	-.07	-.04	.24	.43
S609	N	45.82	10.64		Material:E1				0.00	.24	.63	-16.43	-15.72	.04	.09	-6.79	-6.52
Ust	Mx	6.53	1.75	.74	.88	1.07	1.02	1.16	0.00	-14.43	-13.98	.98	1.82	-2.14	-2.07	.36	.68
Alt	Mx	6.34	1.70	.79	.78	.97	1.05	1.12	0.00	-14.02	-13.57	.94	1.77	-2.08	-2.01	.35	.66
Ust	My	11.86	3.08	1.27	1.62	1.80	1.86	2.13	0.00	-1.81	-1.27	8.00	9.00	-.29	-.21	2.52	2.98
Alt	My	11.44	2.96	1.26	1.53	1.74	1.81	2.03	0.00	-1.80	-1.27	7.70	8.68	-.29	-.20	2.41	2.86
S509	N	73.51	17.26		Material:E1				0.00	.04	.62	-25.18	-24.11	.01	.10	-10.44	-10.02
Ust	Mx	7.06	1.86	.86	.86	1.06	1.20	1.17	0.00	-13.25	-12.73	1.05	2.04	-1.99	-1.91	.38	.76
Alt	Mx	6.99	1.84	.78	.92	1.12	1.18	1.10	0.00	-13.12	-12.60	1.04	2.02	-1.97	-1.89	.37	.76
Ust	My	11.05	2.89	1.23	1.49	1.72	1.76	1.95	0.00	-1.81	-1.28	7.33	8.28	-.29	-.21	2.59	3.01
Alt	My	11.05	2.88	1.19	1.52	1.73	1.74	1.96	0.00	-1.84	-1.32	7.30	8.26	-.29	-.21	2.55	2.98
S409	N	107.89	25.42		Material:E1				0.00	-.35	.43	-37.35	-35.92	-.04	.07	-15.43	-14.87
Ust	Mx	6.59	1.73	.73	.87	1.11	1.06	1.03	0.00	-14.31	-13.72	.89	2.00	-2.14	-2.05	.30	.74
Alt	Mx	6.45	1.69	.77	.79	1.08	.98	1.07	0.00	-13.95	-13.36	.86	1.96	-2.08	-2.00	.29	.73
Ust	My	11.06	2.86	1.18	1.51	1.71	1.71	1.96	0.00	-1.85	-1.42	9.21	10.00	-.29	-.22	3.45	3.80
Alt	My	10.85	2.80	1.18	1.45	1.66	1.68	1.93	0.00	-1.84	-1.42	9.11	9.87	-.29	-.22	3.39	3.73
S309	N	154.44	36.26		Material:E1				0.00	-.90	.15	-54.82	-52.89	-.12	.03	-22.63	-21.87
Ust	Mx	11.45	3.01	1.40	1.38	1.84	1.73	1.99	0.00	-21.91	-21.07	1.78	3.32	-3.33	-3.20	.63	1.27
Alt	Mx	10.96	2.88	1.22	1.43	1.66	1.76	1.89	0.00	-21.12	-20.30	1.71	3.23	-3.20	-3.08	.60	1.24
Ust	My	19.84	5.05	2.14	2.59	2.95	3.07	3.45	0.00	-3.58	-2.48	11.73	13.77	-.58	-.41	4.65	5.50
Alt	My	18.92	4.80	1.99	2.51	2.81	2.92	3.25	0.00	-3.41	-2.38	11.55	13.45	-.55	-.39	4.54	5.34
S209	N	217.81	50.93		Material:E1				0.00	-1.25	.07	-77.68	-75.25	-.18	.02	-32.11	-31.14
Ust	Mx	12.82	3.37	1.40	1.71	1.92	2.18	2.13	0.00	-23.37	-22.37	1.84	3.67	-3.60	-3.45	.62	1.41
Alt	Mx	12.43	3.27	1.49	1.53	1.98	2.09	1.96	0.00	-22.92	-21.95	1.75	3.55	-3.52	-3.37	.59	1.36
Ust	My	34.15	8.57	3.51	4.51	5.14	5.20	5.69	0.00	-5.38	-3.77	17.22	20.20	-.87	-.63	7.17	8.40
Alt	My	31.45	7.88	3.30	4.08	4.75	4.74	5.27	0.00	-5.20	-3.67	16.41	19.24	-.84	-.61	6.76	7.94
S109	N	294.05	68.49		Material:E1				0.00	-2.61	-.71	-105.05	-101.55	-.41	-.12	-43.51	-42.09
Ust	Mx	14.38	3.70	1.71	1.71	2.34	2.26	2.23	0.00	-22.90	-21.90	2.34	4.20	-3.56	-3.41	.82	1.63
Alt	Mx	13.60	3.51	1.50	1.74	2.20	2.05	2.22	0.00	-22.29	-21.30	2.05	3.88	-3.46	-3.31	.70	1.49
Ust	My	41.07	10.20	4.30	5.24	6.10	6.02	6.97	0.00	-5.58	-3.81	16.68	19.95	-.91	-.64	7.17	8.50
Alt	My	42.79	10.54	4.36	5.50	6.26	6.26	7.21	0.00	-5.02	-3.40	16.98	19.96	-.82	-.58	7.26	8.47
SA09	N	401.22	93.16		Material:E1				0.00	-4.37	-1.65	-141.31	-136.30	-.71	-.30	-58.66	-56.59
Ust	Mx	17.95	4.58	1.91	2.31	2.78	2.65	3.01	0.00	-27.17	-25.98	4.90	7.13	-4.23	-4.05	1.88	2.85
Alt	Mx	14.21	3.63	1.58	1.76	2.15	2.17	2.34	0.00	-22.12	-21.03	3.87	5.89	-3.44	-3.27	1.47	2.34
Ust	My	32.57	8.52	3.39	4.55	4.95	5.22	5.70	0.00	-10.98	-7.99	21.86	27.39	-1.79	-1.33	9.14	11.51
Alt	My	36.41	9.27	3.84	4.82	5.46	5.68	6.18	0.00	-9.54	-6.94	23.45	28.25	-1.56	-1.15	9.87	11.91
SZ09	N	539.63	124.52		Material:E1				0.00	-6.15	-2.60	-190.56	-184.00	-1.03	-.49	-79.23	-76.49
Ust	Mx	17.09	4.34	1.93	2.07	2.58	2.73	2.68	0.00	-25.23	-23.79	4.85	7.52	-3.98	-3.75	1.84	2.99
Alt	Mx	18.92	4.86	2.04	2.43	2.99	3.04	2.92	0.00	-26.85	-25.41	5.98	8.63	-4.19	-3.97	2.31	3.46
Ust	My	34.50	8.86	3.75	4.49	5.41	5.38	5.68	0.00	-11.38	-8.15	14.14	20.15	-1.86	-1.36	5.74	8.32
Alt	My	34.01	8.74	3.55	4.58	5.36	5.21	5.67	0.00	-12.38	-8.70	13.66	20.50	-2.03	-1.46	5.31	8.27
SB09	N	703.94	162.93		Material:E1				0.00	-8.11	-3.59	-246.89	-238.53	-1.38	-.70	-102.77	-99.26
Ust	Mx	31.02	7.77	3.32	3.81	4.77	4.77	4.73	0.00	-56.46	-54.55	3.84	7.37	-8.94	-8.63	1.32	2.87
Alt	Mx	48.92	12.20	5.38	5.78	7.36	7.42	7.54	0.00	-89.85	-87.25	7.34	12.15	-14.17	-13.76	2.67	4.77
Ust	My	39.36	9.94	4.07	5.14	5.94	5.93	6.57	0.00	-5.47	-4.84	16.42	17.58	-.86	-.78	7.76	8.14
Alt	My	199.74	45.88	19.14	24.09	27.37	27.52	31.58	0.00	-8.65	-5.87	196.87	202.00	-1.41	-1.01	83.02	85.06
SÇ10	N	3.11	.64		Material:E1				0.00	2.44	2.49	4.34	4.37	.34	.35	1.81	1.82
Ust	Mx	-1.27	-.25	-.12	-.11	-.15	-.16	-.14	0.00	-1.28	-.88	-1.08	-.41	-.24	-.18	-.48	-.22
Alt	Mx	-1.46	-.29	-.14	-.11	-.18	-.18	-.15	0.00	-1.17	-.78	-1.12	-.46	-.23	-.16	-.49	-.24
Ust	My	1.51	.50	.21	.27	.30	.30	.36	0.00	-.20	.02	-.15	.29	-.04	0.00	-.21	-.02
Alt	My	1.55	.50	.21	.27	.30	.30	.37	0.00	-.21	.01	-.10	.35	-.04	-.01	-.19	0.00
S610	N	5.77	1.21		Material:E1				0.00	4.11	4.13	2.49	2.44	.59	.60	1.36	1.29
Ust	Mx	-2.51	-.51	-.24	-.23	-.31	-.31	-.31	0.00	-2.10	-1.78	-1.28	-.68	-.30	-.25	-.57	-.34
Alt	Mx	-2.52	-.52	-.23	-.23	-.32	-.31	-.31	0.00	-2.10	-1.78	-1.29	-.68	-.30	-.25	-.57	-.34
Ust	My	1.50	.44	.18	.24	.25	.26	.31	0.00	-.31	-.16	1.32	1.60	-.05	-.03	.35	.47
Alt	My	1.44	.43	.17	.23	.25	.26	.31	0.00	-.33	-.17	1.27	1.56	-.05	-.03	.32	.45
S510	N	15.87	3.42		Material:E1				0.00	4.41	4.52	-1.56	-1.43	.68	.69	.04	0.00
Ust	Mx	-2.14	-.43	-.19	-.19	-.26	-.26	-.25	0.00	-2.14	-1.76	-1.25	-.54	-.32	-.26	-.57	-.29
Alt	Mx	-2.21	-.44	-.21	-.19	-.26	-.27	-.26	0.00	-2.14	-1.75	-1.27	-.55	-.31	-.26	-.57	-.29
Ust	My	1.27	.39	.16	.22	.23	.24	.28	0.00	-.38	-.21	1.13	1.43	-.06	-.03	.34	.47
Alt	My	1.16	.37	.15	.20	.22	.22	.26	0.00	-.39	-.22	1.06	1.37	-.06	-.04	.31	.45
S410	N	24.31	5.24		Material:E1				0.00	3.78	4.20	-5.42	-4.66	.62	.68	-1.37	-1.18
Ust	Mx	-2.35	-.48	-.22	-.20	-.29	-.29	-.28	0.00	-2.81	-2.36	-1.35	-.51	-.41	-.35	-.62	-.28
Alt	Mx	-2.34	-.48	-.22	-.21	-.29	-.30	-.27	0.00	-2.85	-2.39	-1.36	-.50	-.42	-.35	-.62	-.28
Ust	My	.88	.30	.12	.17	.18	.18	.22	0.00	-.43	-.28	1.39	1.67	-.07	-.04	.48	.60
Alt	My	.73	.26	.10	.15	.15	.15	.20	0.00	-.44	-.29	1.32	1.60	-.07	-.05	.44	.56
S310	N	31.49	6.81		Material:E1				0.00	2.15	2.93	-9.09	-7.67	.42	.53	-2.81	-2.37
Ust	Mx	-3.25	-.67	-.30	-.30	-.40	-.41	-.39	0.00	-2.76	-2.27	-1.66	-.76	-.42	-.35	-.75	-.37
Alt	Mx	-3.37	-.69	-.32	-.31	-.43	-.42	-.41	0.00	-2.72	-2.23	-1.69	-.78	-.41	-.34	-.76	-.38
Ust	My	1.11	.43	.16	.25	.24	.25	.33	0.00	-1.00	-.60	1.22	1.95	-.16	-.10	.44	.75
Alt	My	1.03	.40	.15	.24	.22	.24	.31	0.00	-1.03	-.63	1.28	2.01	-.17	-.11	.46	.77
S210	N	41.14	9.00		Material:E1				0.00	1.58	2.49	-13.58	-11.93	.35	.48	-4.74	-4.18
Ust	Mx	-3.44	-.71	-.33	-.31	-.44	-.43	-.42	0.00	-2.28	-1.80	-1.75	-.87	-.36	-.29	-.79	-.41
Alt	Mx	-3.42	-.71	-.32	-.32	-.43	-.43	-.42	0.00	-2.25	-1.78	-1.75	-.88	-.35	-.28	-.79	-.41
Ust	My	.75	.32	.12	.20	.19	.19	.25	0.00	-.96	-.59	.67	1.34	-.16	-.10	.27	.55
Alt	My	.57	.28	.10	.18	.16	.16	.22	0.00	-.97	-.61	.62	1.28	-.16	-.10	.25	.52
S110	N	52.33	11.58		Material:E1				0.00	1.42	2.31	-17.97	-16.36	.32	.45	-6.78	-6.20
Ust	Mx	-6.78	-1.40	-.64	-.63	-.85	-.86	-.82	0.00	-4.65	-3.64	-3.49	-1.62	-.76	-.60	-1.58	-.77
Alt	Mx	-6.46	-1.33	-.62	-.58	-.82	-.83	-.76	0.00	-4.55	-3.57	-3.34	-1.52	-.74	-.59	-1.51	-.72
Ust	My	.52	.41	.13	.29	.23	.22	.38	0.00	-2.01	-1.25	.40	1.79	-.33	-.22	.21	.79
Alt	My	.15	.31	.08	.23	.16	.15	.32	0.00	-1.98	-1.24	.43	1.80	-.33	-.22	.22	.79
SA10	N	51.04	11.42		Material:E1				0.00	1.14	1.76	-19.21	-18.05	.27	.36	-7.55	-7.12
Ust	Mx	-8.15	-1.69	-.77	-.77	-1.05	-1.03	-.98	0.00	-5.66	-4.49	-2.46	-.28	-.93	-.75	-1.14	-.20
Alt	Mx	-8.40	-1.75	-.78	-.81	-1.09	-1.05	-1.03	0.00	-5.47	-4.30	-2.55	-.37	-.90	-.72	-1.17	-.23
Ust	My	-8.76	-1.72	-.79	-.78	-1.06	-1.05	-1.02	0.00	-2.96	-1.98	-1.59	.23	-.49	-.34	-.66	.11
Alt	My	-9.41	-1.87	-.85	-.85	-1.16	-1.14	-1.12	0.00	-2.99	-2.00	-1.85	-.02	-.50	-.34	-.78	0.00

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SB10 N	0.00	0.00			Material:E1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust Mx	-5.54	-1.20	-.54	-.54	-.73	-.74	-.71	0.00	-2.98	-2.30	-2.54	-1.29	-.52	-.41	-1.13	-.58
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust My	-19.33	-4.18	-1.80	-2.09	-2.53	-2.52	-2.72	0.00	-1.65	-1.23	-11.49	-10.71	-.27	-.21	-4.70	-4.37
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SÇ11 N	1.50	.12			Material:E1			0.00	-6.58	-6.70	3.91	3.65	-.98	-1.00	1.59	1.47
Ust Mx	-.34	-.12	-.02	-.09	-.08	-.06	-.10	0.00	-2.41	-2.83	.74	.05	-.40	-.46	.33	.07
Alt Mx	-.60	-.19	-.06	-.12	-.13	-.09	-.14	0.00	-2.15	-2.57	.63	-.07	-.36	-.42	.28	.02
Ust My	-8.84	-2.09	-.90	-1.07	-1.20	-1.31	-1.42	0.00	.67	.48	-.36	-.76	.11	.08	-.23	-.42
Alt My	-8.38	-1.95	-.86	-.98	-1.15	-1.22	-1.32	0.00	.59	.42	-.34	-.71	.10	.07	-.22	-.39
S611 N	10.81	2.43			Material:E1			0.00	-9.41	-9.83	5.67	4.82	-1.40	-1.47	2.27	1.89
Ust Mx	.87	.17	.09	.07	.09	.14	.10	0.00	-3.58	-3.93	.89	.24	-.51	-.56	.40	.16
Alt Mx	.80	.16	.09	.06	.09	.14	.08	0.00	-3.54	-3.89	.87	.23	-.50	-.55	.39	.15
Ust My	-6.85	-1.60	-.71	-.80	-.95	-.99	-1.08	0.00	.75	.63	.51	.28	.12	.10	.08	-.04
Alt My	-6.80	-1.59	-.70	-.80	-.94	-.97	-1.08	0.00	.74	.61	.47	.24	.12	.10	.06	-.06
S511 N	23.94	4.99			Material:E1			0.00	-11.26	-11.92	8.24	6.98	-1.70	-1.80	3.24	2.65
Ust Mx	1.79	.37	.21	.13	.24	.26	.19	0.00	-7.84	-8.64	2.06	.56	-1.12	-1.24	.94	.36
Alt Mx	1.69	.34	.19	.14	.23	.22	.19	0.00	-7.74	-8.53	2.01	.53	-1.11	-1.22	.92	.34
Ust My	-15.32	-3.57	-1.55	-1.81	-2.09	-2.19	-2.45	0.00	1.41	1.15	1.07	.61	.22	.18	.28	.06
Alt My	-15.09	-3.51	-1.56	-1.75	-2.05	-2.18	-2.40	0.00	1.38	1.12	1.04	.58	.22	.18	.27	.04
S411 N	37.61	7.69			Material:E1			0.00	-12.34	-13.08	11.82	10.44	-1.90	-2.02	4.61	3.93
Ust Mx	1.32	.26	.15	.10	.14	.17	.17	0.00	-8.87	-9.75	1.90	.26	-1.27	-1.39	.89	.24
Alt Mx	1.21	.24	.15	.07	.11	.17	.16	0.00	-8.71	-9.57	1.83	.22	-1.24	-1.37	.86	.22
Ust My	-14.69	-3.42	-1.52	-1.70	-1.99	-2.14	-2.31	0.00	1.32	1.17	2.01	1.73	.21	.18	.71	.57
Alt My	-14.70	-3.42	-1.49	-1.73	-2.02	-2.13	-2.30	0.00	1.32	1.16	2.01	1.72	.21	.18	.70	.56
S311 N	51.21	10.41			Material:E1			0.00	-12.02	-12.57	15.55	14.52	-1.90	-1.99	6.07	5.51
Ust Mx	3.28	.68	.41	.22	.32	.57	.37	0.00	-17.42	-19.26	4.06	.66	-2.55	-2.82	1.92	.50
Alt Mx	3.07	.64	.35	.24	.33	.56	.29	0.00	-17.21	-19.02	3.94	.59	-2.51	-2.78	1.87	.47
Ust My	-19.59	-4.57	-1.99	-2.31	-2.71	-2.81	-3.08	0.00	1.37	1.07	1.25	.71	.22	.17	.55	.32
Alt My	-18.82	-4.39	-1.94	-2.19	-2.59	-2.69	-2.98	0.00	1.30	1.03	1.34	.83	.21	.16	.57	.35
S211 N	65.91	13.39			Material:E1			0.00	-13.46	-13.94	20.23	19.32	-2.14	-2.23	8.02	7.51
Ust Mx	3.28	.71	.40	.26	.48	.53	.30	0.00	-19.13	-20.89	4.50	1.24	-2.87	-3.13	2.12	.72
Alt Mx	2.76	.59	.39	.16	.43	.40	.26	0.00	-19.27	-21.05	4.33	1.05	-2.88	-3.15	2.05	.64
Ust My	-29.63	-6.93	-3.08	-3.45	-4.05	-4.25	-4.74	0.00	2.63	1.98	.61	-.59	.42	.32	.45	-.04
Alt My	-28.93	-6.77	-2.96	-3.41	-3.94	-4.19	-4.61	0.00	2.53	1.91	.58	-.57	.41	.31	.41	-.06
S111 N	88.20	18.18			Material:E1			0.00	-14.06	-14.80	24.58	23.20	-2.22	-2.35	9.96	9.29
Ust Mx	4.72	1.04	.61	.35	.59	.66	.66	0.00	-21.44	-23.34	5.24	1.72	-3.26	-3.56	2.47	.93
Alt Mx	4.15	.91	.50	.34	.46	.62	.60	0.00	-21.68	-23.60	5.16	1.59	-3.30	-3.59	2.44	.88
Ust My	-43.74	-10.21	-4.44	-5.16	-5.94	-6.36	-6.90	0.00	3.74	2.65	-.46	-2.46	.60	.44	.19	-.62
Alt My	-43.54	-10.13	-4.47	-5.06	-5.93	-6.29	-6.83	0.00	3.75	2.64	-.46	-2.50	.61	.44	.18	-.65
SA11 N	115.95	24.29			Material:E1			0.00	-13.75	-14.64	28.98	27.33	-2.16	-2.31	11.95	11.20
Ust Mx	13.78	3.11	1.41	1.49	1.67	2.06	2.06	0.00	-20.33	-22.05	4.29	1.08	-3.09	-3.36	1.98	.58
Alt Mx	.17	-.14	-.06	-.05	-.15	.01	-.08	0.00	-.13	-.21	.44	.28	.02	.01	.20	.13
Ust My	-38.05	-8.84	-3.89	-4.42	-5.23	-5.41	-5.97	0.00	2.31	1.71	.04	-1.06	.37	.28	.26	-.17
Alt My	2.84	.66	.28	.34	.36	.41	.46	0.00	.02	.12	1.31	1.51	0.00	.02	.54	.63
SZ11 N	117.04	24.29			Material:E1			0.00	-13.75	-14.64	28.98	27.33	-2.16	-2.31	11.95	11.20
Ust Mx	3.99	.65	.30	.33	.45	.37	.43	0.00	.13	.21	-.44	-.28	-.02	-.01	-.20	-.13
Alt Mx	19.21	4.38	1.99	2.08	2.66	2.69	2.79	0.00	-23.50	-25.33	3.67	.27	-3.63	-3.92	1.72	.24
Ust My	-2.84	-.66	-.28	-.34	-.36	-.41	-.46	0.00	-.02	-.12	-1.31	-1.51	0.00	-.02	-.54	-.63
Alt My	-43.69	-10.15	-4.44	-5.09	-5.91	-6.27	-6.89	0.00	2.18	1.24	-2.19	-3.94	.36	.22	-.66	-1.37
SB11 N	150.57	31.82			Material:E1			0.00	-10.94	-11.79	30.80	29.23	-1.66	-1.79	12.85	12.20
Ust Mx	2.45	.74	.41	.27	.51	.43	.41	0.00	-34.33	-37.39	8.38	2.71	-5.38	-5.86	3.92	1.42
Alt Mx	-36.74	-7.76	-3.51	-3.69	-4.40	-4.91	-5.10	0.00	-3.32	-3.56	7.47	7.02	-.51	-.54	3.12	2.93
Ust My	-49.42	-11.41	-5.02	-5.70	-6.66	-7.08	-7.72	0.00	3.99	3.54	-2.85	-3.69	.62	.56	-.82	-1.10
Alt My	30.03	6.83	2.79	3.65	4.09	4.03	4.76	0.00	-.62	1.72	34.73	39.07	-.18	.20	14.39	16.30
SÇ12 N	1.54	.06			Material:E1			0.00	-1.84	-1.98	-.02	-.27	-.25	-.27	.01	-.09
Ust Mx	3.52	.85	.38	.41	.49	.54	.56	0.00	-.53	-.47	1.08	1.19	-.12	-.11	.45	.49
Alt Mx	3.99	.93	.43	.44	.54	.60	.60	0.00	-.74	-.67	1.20	1.32	-.15	-.14	.50	.54
Ust My	-5.56	-1.32	-.58	-.66	-.78	-.79	-.90	0.00	.56	.40	.87	.51	.09	.07	.26	.09
Alt My	-5.27	-1.28	-.54	-.65	-.74	-.77	-.88	0.00	.54	.38	.99	.65	.09	.07	.31	.14
S612 N	2.31	.17			Material:E1			0.00	-5.73	-5.86	1.78	1.55	-.83	-.85	.72	.63
Ust Mx	3.61	.83	.38	.40	.50	.53	.53	0.00	-2.42	-2.36	1.07	1.19	-.34	-.33	.44	.48
Alt Mx	3.55	.82	.36	.41	.50	.51	.53	0.00	-2.36	-2.30	1.05	1.16	-.33	-.32	.43	.47
Ust My	-5.03	-1.25	-.54	-.63	-.72	-.78	-.84	0.00	.80	.69	1.67	1.46	.13	.11	.52	.41
Alt My	-5.05	-1.25	-.56	-.62	-.73	-.79	-.83	0.00	.80	.68	1.63	1.42	.13	.11	.50	.39
S512 N	2.23	.22			Material:E1			0.00	-7.44	-7.52	3.49	3.35	-1.15	-1.16	1.41	1.36
Ust Mx	8.87	2.05	.90	1.02	1.23	1.23	1.38	0.00	-5.20	-5.00	2.50	2.89	-.75	-.72	1.01	1.17
Alt Mx	8.71	2.02	.91	.98	1.19	1.22	1.37	0.00	-5.07	-4.86	2.44	2.83	-.73	-.70	.99	1.14
Ust My	-11.42	-2.80	-1.25	-1.38	-1.68	-1.73	-1.86	0.00	1.52	1.30	3.83	3.43	.24	.20	1.36	1.15
Alt My	-11.34	-2.79	-1.21	-1.41	-1.68	-1.68	-1.87	0.00	1.50	1.27	3.76	3.36	.24	.20	1.33	1.13
S412 N	2.31	.29			Material:E1			0.00	-7.11	-7.17	4.44	4.34	-1.18	-1.18	1.81	1.79
Ust Mx	8.31	1.92	.86	.94	1.10	1.20	1.30	0.00	-6.32	-6.08	2.25	2.71	-.91	-.88	.90	1.09
Alt Mx	8.24	1.90	.83	.95	1.10	1.21	1.27	0.00	-6.26	-6.01	2.21	2.68	-.90	-.87	.88	1.07
Ust My	-11.11	-2.72	-1.18	-1.38	-1.61	-1.63	-1.87	0.00	1.42	1.30	4.70	4.50	.22	.20	1.78	1.66
Alt My	-11.12	-2.72	-1.21	-1.35	-1.58	-1.66	-1.88	0.00	1.40	1.29	4.64	4.44	.22	.20	1.75	1.63
S312 N	2.48	.35			Material:E1			0.00	-5.93	-5.91	5.36	5.40	-1.07	-1.06	2.20	2.24
Ust Mx	9.37	2.17	.95	1.08	1.30	1.36	1.40	0.00	-5.16	-4.94	2.52	2.92	-.77	-.73	1.01	1.18
Alt Mx	9.15	2.12	.95	1.03	1.28	1.31	1.38	0.00	-5.01	-4.80	2.43	2.83	-.74	-.71	.98	1.15
Ust My	-19.23	-4.68	-2.08	-2.33	-2.70	-2.92	-3.19	0.00	1.79	1.46	5.44	4.81	.29	.23	2.28	2.01
Alt My	-19.29	-4.69	-2.03	-2.38	-2.74	-2.94	-3.14	0.00	1.76	1.43	5.37	4.74	.28	.23	2.24	1.97
S212 N	1.64	.21			Material:E1			0.00	-5.54	-5.43	6.06	6.27	-1.04	-1.02	2.49	2.60
Ust Mx	14.81	3.44	1.55	1.68	2.05	2.06	2.34	0.00	-7.15	-6.73	3.79	4.56	-1.10	-1.04	1.51	1.84
Alt Mx	14.31	3.33	1.46	1.66	1.94	2.02	2.29	0.00	-7.20	-6.79	3.66	4.42	-1.11	-1.04	1.45	1.78
Ust My	-23.49	-5.69	-2.44	-2.90	-3.39	-3.50	-3.80	0.00	2.66	2.01	4.45	3.25	.43	.33	2.06	1.58
Alt My	-23.96	-5.78	-2.54	-2.89	-3.46	-3.51	-3.91	0.00	2.64	1.99	4.29	3.09	.42	.32	1.98	1.50
S112 N	2.39	.72			Material:E1			0.00	-3.95	-3.84	5.97	6.17	-.78	-.76	2.47	2.57
Ust Mx	17.43	4.04	1.76	2.03	2.29	2.53	2.75	0.00	-7.64	-7.17	4.56	5.43	-1.21	-1.14	1.81	2.19
Alt Mx	17.39	4.04	1.81	1.98	2.32	2.54	2.70	0.00	-7.65	-7.18	4.50	5.37	-1.21	-1.14	1.79	2.16
Ust My	-37.82	-9.11	-4.02	-4.54	-5.36	-5.52	-6.24	0.00	4.02	2.86	5.30	3.15	.65	.47	2.66	1.80
Alt My	-37.38	-9.01	-3.91	-4.56	-5.24	-5.52	-6.18	0.00	3.99	2.82	5.38	3.23	.64	.47	2.69	1.82
SA12 N	2.15	.57			Material:E1			0.00	-2.21	-2.13	4.25	4.40	-.48	-.46	1.77	1.85
Ust Mx	18.66	4.33	2.01	2.04	2.55	2.76	2.79	0.00	-7.69	-7.31	5.26	5.96	-1.21	-1.15	2.12	2.42
Alt Mx	.14	-.02	0.00	0.00	.02	.04	-.08	0.00	-.16	-.20	-.04	-.11	0.00	0.00	-.01	-.04
Ust My	-34.65	-8.28	-3.49	-4.28	-4.76	-5.12	-5.67	0.00	2.51	1.81	3.50	2.24	.40	.30	1.75	1.27
Alt My	4.02	.95	.40	.49	.60	.53	.65	0.00	-.12	-.07	.26	.37	-.02	-.01	.09	.13
SZ12 N	1.27	.57			Material:E1			0.00	-2.21	-2.13	4.25	4.40	-.48	-.46	1.77	1.85
Ust Mx	1.79	.36	.16	.18	.18	.21	.30	0.00	.16	.20	.04	.11	0.00	0.00	.01	.04
Alt Mx	18.68	4.35	2.02	2.06	2.46	2.69	3.01	0.00	-6.50	-6.04	5.00	5.86	-1.07	-1.00	2.00	2.37
Ust My	-4.02	-.95	-.40	-.49	-.60	-.53	-.65	0.00	.12	.07	-.26	-.37	.02	.01	-.09	-.13
Alt My	-32.71	-7.80	-3.31	-4.02	-4.64	-4.67	-5.34	0.00	2.07	1.47	3.55	2.45	.33	.24	1.74	1.32
SB12 N	0.00	0.00			Material:E1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust Mx	22.77	5.25	2.46	2.46	2.94	3.26	3.64	0.00	-8.89	-8.31	4.83	5.91	-1.50	-1.41	1.91	2.38
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust My	-55.85	-13.12	-5.54	-6.80	-7.80	-7.88	-9.00	0.00	4.37	3.09	-10.96	-13.33	.71	.52	-4.11	-5.05
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SÇ13 N	.30	.20			Material:E1			0.00	-1.03	-.79	2.59	3.10	-.14	-.11	1.05	1.29
Ust Mx	6.58	1.49	.63	.75	.86	.90	1.00	0.00	.06	.43	1.93	2.56	-.04	.02	.78	1.02
Alt Mx	6.59	1.49	.63	.75	.86	.90	1.00	0.00	.07	.43	1.92	2.54	-.04	.02	.78	1.01
Ust My	-5.88	-1.36	-.57	-.69	-.81	-.80	-.92	0.00	.47	.18	-.79	-1.39	.08	.04	-.39	-.65
Alt My	-5.73	-1.31	-.56	-.66	-.80	-.76	-.88	0.00	.43	.14	-.85	-1.44	.08	.04	-.41	-.67
S613 N	.23	.23			Material:E1			0.00	-2.55	-2.15	4.11	4.97	-.38	-.32	1.76	2.18
Ust Mx	4.09	.93	.39	.48	.54	.57	.62	0.00	-1.23	-.93	1.17	1.73	-.17	-.12	.46	.67
Alt Mx	4.12	.94	.40	.48	.55	.57	.62	0.00	-1.21	-.91	1.18	1.75	-.16	-.12	.46	.67
Ust My	-5.43	-1.25	-.54	-.63	-.76	-.73	-.86	0.00	.71	.50	.18	-.22	.12	.08	-.06	-.24
Alt My	-5.38	-1.24	-.52	-.64	-.74	-.72	-.86	0.00	.70	.48	.19	-.21	.11	.08	-.05	-.24

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S413 N	.40	.06			Material:E1			0.00	-2.57	-2.19	4.88	5.63	-.46	-.40	2.29	2.76
Ust Mx	4.55	1.03	.43	.53	.60	.61	.71	0.00	-1.82	-1.42	1.18	1.94	-.26	-.20	.44	.74
Alt Mx	4.54	1.03	.43	.52	.59	.62	.70	0.00	-1.83	-1.42	1.17	1.93	-.26	-.20	.44	.74
Ust My	-5.02	-1.15	-.49	-.59	-.68	-.70	-.77	0.00	.55	.38	.66	.37	.09	.06	.22	.09
Alt My	-4.97	-1.14	-.47	-.60	-.68	-.68	-.77	0.00	.54	.38	.66	.37	.09	.06	.22	.09
S313 N	.64	.05			Material:E1			0.00	-1.71	-1.44	4.26	4.81	-.37	-.31	2.09	2.49
Ust Mx	5.34	1.21	.51	.61	.71	.73	.80	0.00	-1.43	-1.05	1.50	2.21	-.22	-.16	.57	.87
Alt Mx	5.23	1.18	.49	.60	.70	.71	.78	0.00	-1.40	-1.02	1.46	2.17	-.21	-.15	.56	.85
Ust My	-9.27	-2.13	-.87	-1.12	-1.28	-1.24	-1.46	0.00	.76	.41	.27	-.39	.13	.07	.15	-.12
Alt My	-9.04	-2.08	-.87	-1.07	-1.23	-1.20	-1.45	0.00	.74	.40	.31	-.33	.12	.07	.16	-.11
S213 N	.06	.09			Material:E1			0.00	-1.18	-1.01	2.89	3.25	-.30	-.26	1.51	1.81
Ust Mx	9.62	2.18	.91	1.12	1.29	1.28	1.46	0.00	-1.93	-1.26	2.60	3.84	-.31	-.21	.98	1.51
Alt Mx	9.33	2.11	.89	1.07	1.25	1.23	1.43	0.00	-1.93	-1.27	2.51	3.73	-.31	-.21	.94	1.47
Ust My	-10.26	-2.37	-1.00	-1.21	-1.37	-1.39	-1.66	0.00	1.11	.61	-.24	-1.16	.19	.11	.03	-.35
Alt My	-9.87	-2.28	-.93	-1.20	-1.32	-1.37	-1.58	0.00	1.06	.58	-.14	-1.01	.18	.10	.06	-.30
S113 N	3.34	.82			Material:E1			0.00	-.68	-.62	.50	.64	-.21	-.19	.43	.60
Ust Mx	11.63	2.62	1.10	1.33	1.53	1.55	1.78	0.00	-1.99	-1.25	3.28	4.67	-.35	-.23	1.24	1.85
Alt Mx	11.76	2.66	1.10	1.36	1.54	1.58	1.80	0.00	-2.02	-1.26	3.30	4.71	-.35	-.23	1.25	1.86
Ust My	-15.54	-3.59	-1.45	-1.91	-2.12	-2.17	-2.43	0.00	1.67	.84	-.65	-2.19	.28	.15	-.01	-.64
Alt My	-15.22	-3.51	-1.46	-1.83	-2.11	-2.07	-2.38	0.00	1.68	.84	-.62	-2.17	.28	.15	-.01	-.64
SA13 N	3.43	.81			Material:E1			0.00	-.38	-.34	-2.13	-2.04	-.14	-.12	-.78	-.68
Ust Mx	6.73	1.53	.64	.78	.88	.93	1.02	0.00	-1.32	-.90	2.56	3.35	-.22	-.16	1.01	1.35
Alt Mx	-.01	0.00	.01	0.00	0.00	.02	0.00	0.00	-.01	-.03	-.12	-.16	.01	.01	-.05	-.07
Ust My	-13.23	-3.06	-1.31	-1.56	-1.87	-1.78	-2.09	0.00	.91	.47	-.34	-1.14	.15	.09	0.00	-.32
Alt My	1.38	.31	.13	.17	.16	.21	.22	0.00	-.04	0.00	.33	.42	-.01	0.00	.13	.16
SZ13 N	4.00	.82			Material:E1			0.00	-.38	-.34	-2.13	-2.04	-.14	-.12	-.78	-.68
Ust Mx	.80	.18	.08	.09	.11	.10	.14	0.00	.01	.03	.12	.16	-.01	-.01	.05	.07
Alt Mx	8.29	1.87	.78	.95	1.10	1.09	1.28	0.00	-1.45	-.93	3.11	4.07	-.27	-.19	1.22	1.64
Ust My	-1.38	-.31	-.13	-.17	-.16	-.21	-.22	0.00	.04	0.00	-.33	-.42	.01	0.00	-.13	-.16
Alt My	-12.20	-2.81	-1.18	-1.45	-1.63	-1.70	-1.92	0.00	.78	.35	-.31	-1.11	.13	.07	0.00	-.32
SB13 N	0.00	0.00			Material:E1			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust Mx	10.38	2.31	.96	1.18	1.35	1.34	1.59	0.00	-1.82	-1.08	3.02	4.40	-.36	-.24	1.14	1.75
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust My	-22.31	-5.09	-2.14	-2.64	-3.00	-3.06	-3.48	0.00	1.81	1.00	-7.86	-9.35	.30	.18	-3.04	-3.65
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SÇ14 N	15.94	3.78			Material:E1			0.00	1.75	1.59	-2.00	-2.29	.25	.23	-.86	-.98
Ust Mx	-4.03	-.90	-.36	-.49	-.52	-.54	-.64	0.00	-.70	-1.11	-.61	-1.30	-.13	-.20	-.22	-.49
Alt Mx	-4.18	-.93	-.37	-.51	-.53	-.56	-.66	0.00	-.67	-1.09	-.66	-1.35	-.13	-.20	-.24	-.51
Ust My	-3.36	-.87	-.40	-.43	-.50	-.59	-.57	0.00	-.89	-.76	1.12	1.27	-.14	-.11	.37	.39
Alt My	-3.13	-.80	-.41	-.36	-.51	-.55	-.48	0.00	-.86	-.74	.99	1.13	-.13	-.11	.33	.35
S614 N	26.14	6.04			Material:E1			0.00	.09	.05	-.19	-.27	-.01	-.02	-.20	-.27
Ust Mx	-1.75	-.36	-.13	-.21	-.19	-.22	-.28	0.00	-2.65	-3.00	-.03	-.68	-.36	-.41	.02	-.22
Alt Mx	-1.76	-.37	-.14	-.21	-.21	-.22	-.27	0.00	-2.58	-2.93	-.05	-.69	-.35	-.40	.01	-.22
Ust My	-4.36	-1.08	-.51	-.52	-.69	-.68	-.69	0.00	.05	.14	1.09	1.27	.01	.02	.31	.34
Alt My	-4.33	-1.08	-.47	-.56	-.68	-.64	-.73	0.00	.02	.11	1.06	1.22	0.00	.01	.29	.32
S514 N	39.35	8.60			Material:E1			0.00	-2.18	-2.05	2.00	2.24	-.35	-.34	.59	.63
Ust Mx	-5.60	-1.19	-.48	-.66	-.70	-.74	-.83	0.00	-7.34	-8.40	-.16	-2.15	-1.03	-1.18	.05	-.72
Alt Mx	-5.51	-1.17	-.45	-.67	-.70	-.70	-.84	0.00	-7.12	-8.15	-.18	-2.12	-.99	-1.15	.04	-.71
Ust My	-5.74	-1.42	-.61	-.74	-.84	-.84	-1.03	0.00	-.32	-.15	1.57	1.90	-.05	-.03	.52	.63
Alt My	-5.71	-1.41	-.67	-.68	-.78	-.89	-1.01	0.00	-.32	-.16	1.53	1.85	-.05	-.03	.51	.61
S414 N	54.33	11.57			Material:E1			0.00	-5.48	-5.24	4.63	5.07	-.84	-.81	1.58	1.69
Ust Mx	-5.29	-1.13	-.43	-.65	-.68	-.65	-.84	0.00	-8.66	-9.80	-.11	-2.23	-1.21	-1.38	.09	-.75
Alt Mx	-5.11	-1.09	-.44	-.60	-.63	-.65	-.81	0.00	-8.52	-9.63	-.10	-2.17	-1.19	-1.35	.10	-.73
Ust My	-5.60	-1.39	-.66	-.66	-.77	-.94	-.93	0.00	-.34	-.08	2.08	2.59	-.06	-.02	.74	.93
Alt My	-5.60	-1.38	-.60	-.72	-.82	-.93	-.88	0.00	-.34	-.07	2.08	2.58	-.06	-.02	.74	.92
S314 N	71.43	14.98			Material:E1			0.00	-11.62	-11.56	7.78	7.88	-1.74	-1.74	2.87	2.84
Ust Mx	-10.32	-2.18	-.89	-1.20	-1.21	-1.33	-1.64	0.00	-12.87	-14.86	-.71	-4.38	-1.84	-2.14	-.03	-1.56
Alt Mx	-10.15	-2.15	-.83	-1.23	-1.24	-1.32	-1.56	0.00	-12.62	-14.57	-.70	-4.29	-1.80	-2.09	-.03	-1.53
Ust My	-7.01	-1.73	-.74	-.91	-1.10	-1.09	-1.11	0.00	-.79	-.57	1.89	2.27	-.13	-.09	.75	.91
Alt My	-6.56	-1.62	-.76	-.78	-1.02	-.96	-1.10	0.00	-.79	-.57	1.89	2.29	-.13	-.09	.74	.91
S214 N	91.32	19.03			Material:E1			0.00	-19.20	-19.49	10.99	10.46	-2.87	-2.92	4.27	3.98
Ust Mx	-11.27	-2.39	-.90	-1.38	-1.41	-1.47	-1.69	0.00	-13.20	-15.01	-.80	-4.15	-1.96	-2.23	-.07	-1.51
Alt Mx	-10.90	-2.31	-.93	-1.28	-1.36	-1.37	-1.69	0.00	-12.78	-14.55	-.91	-4.16	-1.88	-2.15	-.12	-1.52
Ust My	-11.19	-2.76	-1.33	-1.29	-1.63	-1.61	-2.00	0.00	-.97	-.78	2.38	2.74	-.16	-.13	1.02	1.19
Alt My	-10.90	-2.67	-1.16	-1.38	-1.48	-1.68	-1.92	0.00	-.99	-.78	2.34	2.72	-.16	-.13	.99	1.16
S114 N	111.91	23.25			Material:E1			0.00	-26.61	-27.02	14.63	13.87	-4.00	-4.06	5.87	5.49
Ust Mx	-17.23	-3.64	-1.48	-2.01	-2.19	-2.07	-2.73	0.00	-20.12	-22.92	-1.04	-6.23	-3.06	-3.49	.01	-2.25
Alt Mx	-19.65	-4.20	-1.63	-2.38	-2.43	-2.50	-3.08	0.00	-20.08	-22.87	-1.08	-6.26	-3.04	-3.47	0.00	-2.25
Ust My	-12.12	-2.97	-1.25	-1.57	-1.61	-2.00	-2.02	0.00	-1.45	-1.31	2.23	2.50	-.23	-.20	1.01	1.15
Alt My	-11.44	-2.81	-1.31	-1.36	-1.63	-1.87	-1.83	0.00	-1.50	-1.38	2.13	2.37	-.24	-.21	.96	1.09
SA14 N	135.90	28.20			Material:E1			0.00	-35.23	-35.88	18.30	17.09	-5.31	-5.42	7.52	6.98
Ust Mx	1.17	.61	.49	0.00	.46	.36	.15	0.00	-16.12	-18.05	-.95	-4.57	-2.45	-2.75	-.19	-1.76
Alt Mx	-2.55	-.57	-.27	-.26	-.29	-.36	-.40	0.00	1.10	1.14	.34	.40	.22	.23	.14	.17
Ust My	-20.62	-4.94	-2.34	-2.32	-3.07	-3.09	-3.16	0.00	-1.34	-1.11	2.98	3.43	-.21	-.18	1.33	1.56
Alt My	2.43	.56	.24	.29	.23	.37	.47	0.00	.06	.24	1.27	1.62	0.00	.03	.52	.67
SZ14 N	136.99	28.20			Material:E1			0.00	-35.23	-35.88	18.30	17.09	-5.31	-5.42	7.52	6.98
Ust Mx	2.55	.57	.27	.26	.29	.36	.40	0.00	-1.10	-1.14	-.34	-.40	-.22	-.23	-.14	-.17
Alt Mx	5.24	1.44	.85	.43	.75	1.01	.79	0.00	-15.10	-16.79	-1.36	-4.48	-2.35	-2.61	-.39	-1.74
Ust My	-.94	-.26	-.10	-.14	-.04	-.16	-.28	0.00	-.06	-.24	-1.27	-1.62	0.00	-.03	-.52	-.67
Alt My	-28.02	-6.77	-3.16	-3.23	-3.70	-4.33	-4.76	0.00	-1.97	-2.37	1.04	.31	-.29	-.35	.57	.28
SB14 N	167.06	35.13			Material:E1			0.00	-49.64	-50.92	21.38	19.02	-7.57	-7.77	9.00	7.99
Ust Mx	-17.74	-3.66	-1.33	-2.18	-2.22	-2.13	-2.66	0.00	-26.01	-28.82	.24	-4.96	-4.10	-4.55	.51	-1.78
Alt Mx	-40.81	-8.58	-3.88	-4.14	-4.83	-5.43	-5.76	0.00	-12.72	-13.07	5.15	4.51	-1.94	-2.00	2.17	1.90
Ust My	-21.55	-5.27	-2.65	-2.35	-2.79	-3.51	-3.69	0.00	-2.10	-.88	2.41	4.66	-.37	-.16	1.05	2.11
Alt My	51.89	11.77	4.79	6.27	7.09	6.96	8.07	0.00	-3.56	.66	39.89	47.70	-.69	-.02	16.23	19.66
SÇ15 N	6.14	1.46			Material:E1			0.00	1.39	1.33	-1.15	-1.29	.18	.17	-.43	-.49
Ust Mx	2.52	.61	.29	.28	.37	.37	.39	0.00	.05	.10	.71	.80	-.03	-.02	.30	.33
Alt Mx	2.32	.57	.26	.27	.34	.34	.38	0.00	.14	.19	.65	.73	-.02	-.01	.27	.30
Ust My	-.83	-.18	-.04	-.12	-.09	-.06	-.17	0.00	-.83	-.70	1.11	1.23	-.13	-.10	.35	.36
Alt My	-.67	-.14	.01	-.14	-.03	-.04	-.17	0.00	-.79	-.67	1.08	1.19	-.12	-.10	.34	.35
S615 N	3.02	.81			Material:E1			0.00	5.20	5.00	-3.23	-3.65	.76	.73	-1.35	-1.55
Ust Mx	3.04	.79	.35	.38	.47	.48	.52	0.00	-2.66	-2.60	.86	.98	-.36	-.35	.35	.40
Alt Mx	2.95	.76	.35	.36	.44	.48	.49	0.00	-2.50	-2.44	.81	.92	-.33	-.33	.33	.38
Ust My	-3.34	-.79	-.30	-.43	-.40	-.49	-.57	0.00	.25	.37	1.65	1.88	.03	.05	.46	.49
Alt My	-3.28	-.77	-.34	-.37	-.41	-.51	-.51	0.00	.25	.37	1.61	1.84	.03	.05	.45	.48
S515 N	9.42	2.32			Material:E1			0.00	6.81	6.62	-3.68	-4.07	1.05	1.02	-1.67	-1.90
Ust Mx	6.99	1.75	.80	.84	1.04	1.09	1.14	0.00	-4.35	-4.14	1.75	2.14	-.61	-.57	.71	.87
Alt Mx	6.84	1.71	.75	.85	1.05	1.04	1.10	0.00	-4.08	-3.88	1.69	2.07	-.57	-.54	.69	.84
Ust My	-5.92	-1.36	-.61	-.65	-.85	-.86	-.81	0.00	-.10	.26	3.66	4.37	-.02	.02	1.20	1.42
Alt My	-5.81	-1.33	-.48	-.75	-.90	-.73	-.84	0.00	-.09	.26	3.55	4.22	-.02	.02	1.16	1.36
S415 N	12.78	3.11			Material:E1			0.00	6.20	6.18	-3.10	-3.14	1.03	1.02	-1.55	-1.68
Ust Mx	6.31	1.57	.68	.78	.95	.94	1.04	0.00	-6.22	-5.98	1.45	1.90	-.87	-.84	.58	.76
Alt Mx	6.18	1.54	.70	.73	.90	.90	1.06	0.00	-6.14	-5.90	1.39	1.83	-.86	-.82	.55	.73
Ust My	-5.64	-1.29	-.46	-.73	-.81	-.62	-.95	0.00	-.14	.44	4.61	5.70	-.04	.04	1.64	2.04
Alt My	-5.73	-1.31	-.57	-.63	-.72	-.68	-1.01	0.00	-.12	.45	4.58	5.66	-.03	.04	1.62	2.01
S315 N	16.17	3.87			Material:E1			0.00	4.74	4.84	-2.33	-2.15	.87	.87	-1.30	-1.36
Ust Mx	9.13	2.26	1.03	1.08	1.30	1.38	1.55	0.00	-4.98	-4.80	2.16	2.50	-.73	-.70	.87	1.02
Alt Mx	8.96	2.21	.96	1.11	1.25	1.40	1.48	0.00	-5.10	-4.91	2.13	2.48	-.74	-.71	.85	1.00
Ust My	-7.46	-1.70	-.75	-.83	-.85	-1.05	-1.24	0.00	-.74	-.35	3.67	4.38	-.12	-.07	1.46	1.76
Alt My	-7.76	-1.76	-.65	-.99	-.95	-1.15	-1.18	0.00	-.74	-.34	3.69	4.42	-.12	-.07	1.46	1.76
S215 N	16.45	3.81			Material:E1			0.00	4.25	4.32	-1.80	-1.68	.83	.83	-1.05	-1.12
Ust Mx	8.18	2.03	.88	1.01	1.19	1.29	1.32	0.00	-3.65	-3.41	1.75	2.19	-.56	-.53	.69	.88
Alt Mx	7.46	1.86	.87	.88	1.16	1.16	1.18	0.00	-3.61	-3.40	1.50	1.89	-.54	-.51	.58	.75
Ust My	-7.72	-1.76	-.63	-1.00	-1.10	-1.09	-1.08	0.00	-.19	-.03	2.50	2.79	-.03	-.01	1.10	1.24
Alt My	-7.51	-1.72	-.73	-.87	-1.13	-.96	-1.10	0.00	-.20	-.03	2.47	2.77	-.03	-.01	1.08	1.22

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q Q Q	Q Q Q	QQ QQ	QQ QQ	Q QQ Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SA15 N	2.43	.02		Material:B1				0.00	.76	1.05	4.50	5.04	.24	.28	1.75	1.94
Ust Mx	16.95	4.07	1.69	2.08	2.24	2.40	2.90	0.00	-5.70	-5.42	5.24	5.77	-.92	-.88	2.12	2.35
Alt Mx	-3.02	-.72	-.33	-.35	-.48	-.43	-.45	0.00	.41	.34	-.54	-.66	.12	.11	-.21	-.26
Ust My	-30.95	-7.19	-2.68	-4.05	-3.90	-4.35	-5.20	0.00	-.49	-.27	4.79	5.25	-.08	-.04	2.23	2.51
Alt My	3.89	.90	.34	.50	.72	.41	.55	0.00	.19	.20	.07	.10	.03	.03	.01	.01
SZ15 N	3.53	.02		Material:B1				0.00	.76	1.05	4.50	5.04	.24	.28	1.75	1.94
Ust Mx	3.02	.72	.33	.35	.48	.43	.45	0.00	-.41	-.34	.54	.66	-.12	-.11	.21	.26
Alt Mx	18.35	4.47	1.94	2.22	2.71	2.71	2.90	0.00	-5.32	-4.97	5.27	5.93	-.89	-.84	2.12	2.40
Ust My	-3.89	-.90	-.34	-.50	-.72	-.41	-.55	0.00	-.19	-.20	-.07	-.10	-.03	-.03	-.01	-.01
Alt My	-24.95	-5.79	-2.13	-3.28	-3.75	-3.13	-3.93	0.00	-.92	-.71	5.18	5.58	-.15	-.11	2.34	2.58
SB15 N	0.00	0.00		Material:B1				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust Mx	19.12	4.50	1.96	2.25	2.68	2.75	3.01	0.00	-6.33	-5.97	2.74	3.41	-1.15	-1.09	1.06	1.35
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ust My	-48.09	-10.99	-4.19	-6.10	-6.84	-6.20	-7.54	0.00	1.02	.81	-14.03	-14.42	.16	.15	-5.51	-5.57
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SÇ16 N	3.54	1.18		Material:B1				0.00	.68	.93	1.65	2.11	.07	.11	.68	.87
Ust Mx	6.30	1.40	.59	.71	.82	.84	.93	0.00	.12	.50	1.90	2.54	-.03	.03	.76	1.01
Alt Mx	6.22	1.38	.58	.70	.81	.82	.92	0.00	.14	.52	1.88	2.53	-.03	.03	.76	1.00
Ust My	.76	.26	.15	.11	.16	.20	.17	0.00	-.63	-.54	.60	.65	-.10	-.08	.17	.16
Alt My	.73	.26	.13	.13	.13	.20	.18	0.00	-.67	-.59	.54	.59	-.10	-.08	.15	.14
S616 N	5.83	1.87		Material:B1				0.00	1.57	1.97	2.59	3.36	.19	.25	1.20	1.56
Ust Mx	4.50	.99	.40	.51	.59	.57	.66	0.00	-1.44	-1.05	1.37	2.10	-.19	-.14	.53	.80
Alt Mx	4.47	.98	.39	.51	.57	.57	.66	0.00	-1.41	-1.02	1.35	2.07	-.19	-.13	.53	.79
Ust My	-3.41	-.70	-.28	-.35	-.45	-.34	-.47	0.00	.40	.52	1.73	1.97	.06	.07	.42	.44
Alt My	-3.22	-.66	-.21	-.38	-.39	-.30	-.49	0.00	.39	.51	1.72	1.96	.06	.07	.42	.43
S516 N	10.50	2.77		Material:B1				0.00	1.74	2.08	1.71	2.37	.23	.29	1.07	1.44
Ust Mx	9.52	2.09	.84	1.09	1.21	1.21	1.42	0.00	-2.65	-1.84	2.68	4.21	-.38	-.26	1.03	1.62
Alt Mx	9.34	2.05	.83	1.06	1.19	1.20	1.38	0.00	-2.57	-1.78	2.63	4.12	-.37	-.25	1.01	1.59
Ust My	-2.64	-.47	-.10	-.31	-.22	-.20	-.40	0.00	-.04	.19	2.22	2.67	-.01	.02	.70	.83
Alt My	-2.70	-.49	-.17	-.25	-.21	-.27	-.37	0.00	-.01	.21	2.19	2.62	-.01	.02	.68	.80
S416 N	14.66	3.58		Material:B1				0.00	1.97	2.14	-.03	.30	.28	.32	.55	.85
Ust Mx	8.76	1.91	.77	.99	1.11	1.13	1.28	0.00	-3.93	-3.04	2.35	4.01	-.57	-.44	.87	1.53
Alt Mx	8.57	1.87	.75	.98	1.09	1.09	1.25	0.00	-3.87	-3.00	2.28	3.91	-.56	-.43	.84	1.49
Ust My	-2.61	-.47	-.18	-.24	-.25	-.29	-.29	0.00	.02	.42	3.06	3.82	-.01	.05	1.06	1.34
Alt My	-2.60	-.47	-.11	-.30	-.31	-.25	-.28	0.00	.06	.45	2.96	3.70	0.00	.05	1.01	1.28
S316 N	18.72	4.36		Material:B1				0.00	2.23	2.13	-2.14	-2.33	.34	.34	-.20	-.10
Ust Mx	16.00	3.48	1.38	1.82	2.08	2.00	2.32	0.00	-4.51	-3.22	4.75	7.13	-.68	-.49	1.80	2.80
Alt Mx	15.66	3.41	1.37	1.76	2.01	1.96	2.29	0.00	-4.49	-3.21	4.64	7.01	-.68	-.49	1.76	2.74
Ust My	-5.32	-1.00	-.24	-.66	-.69	-.42	-.67	0.00	-.67	-.30	3.24	3.92	-.11	-.06	1.29	1.57
Alt My	-5.06	-.95	-.34	-.52	-.60	-.38	-.74	0.00	-.66	-.28	3.15	3.84	-.11	-.06	1.22	1.50
S216 N	21.74	4.93		Material:B1				0.00	2.48	2.24	-3.45	-3.88	.38	.36	-.78	-.78
Ust Mx	17.28	3.77	1.53	1.95	2.18	2.18	2.59	0.00	-3.59	-2.24	4.93	7.42	-.59	-.38	1.84	2.92
Alt Mx	16.78	3.66	1.46	1.91	2.12	2.14	2.48	0.00	-3.62	-2.30	4.76	7.20	-.59	-.39	1.78	2.83
Ust My	-6.66	-1.26	-.47	-.65	-.65	-.55										

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S601	Txu	-3.41	-.85	-.37	-.42	-.51	-.51	-.58	0.00	-1.26	-1.53	-.84	-1.34	-.16	-.20	-.32	-.51
	Txa	3.41	.85	.37	.42	.51	.51	.58	0.00	1.26	1.53	.84	1.34	.16	.20	.32	.51
	Tyu	-2.93	-.83	-.37	-.41	-.53	-.50	-.53	0.00	.51	.19	1.05	.46	.09	.04	.32	.12
	Tya	2.93	.83	.37	.41	.53	.50	.53	0.00	-.51	-.19	-1.05	-.46	-.09	-.04	-.32	-.12
S501	Txu	-3.23	-.81	-.36	-.41	-.49	-.50	-.54	0.00	-1.13	-1.39	-.77	-1.25	-.15	-.19	-.29	-.48
	Txa	3.23	.81	.36	.41	.49	.50	.54	0.00	1.13	1.39	.77	1.25	.15	.19	.29	.48
	Tyu	-3.05	-.84	-.37	-.41	-.48	-.52	-.57	0.00	.64	.32	.98	.37	.11	.06	.36	.14
	Tya	3.05	.84	.37	.41	.48	.52	.57	0.00	-.64	-.32	-.98	-.37	-.11	-.06	-.36	-.14
S401	Txu	-3.24	-.81	-.36	-.41	-.49	-.49	-.54	0.00	-1.59	-1.88	-.74	-1.28	-.21	-.26	-.27	-.48
	Txa	3.24	.81	.36	.41	.49	.49	.54	0.00	1.59	1.88	.74	1.28	.21	.26	.27	.48
	Tyu	-2.96	-.81	-.36	-.40	-.47	-.53	-.51	0.00	.67	.28	1.38	.64	.11	.06	.56	.27
	Tya	2.96	.81	.36	.40	.47	.53	.51	0.00	-.67	-.28	-1.38	-.64	-.11	-.06	-.56	-.27
S301	Txu	-3.87	-.96	-.42	-.48	-.57	-.59	-.65	0.00	-1.32	-1.63	-.93	-1.51	-.18	-.23	-.34	-.58
	Txa	3.87	.96	.42	.48	.57	.59	.65	0.00	1.32	1.63	.93	1.51	.18	.23	.34	.58
	Tyu	-5.27	-1.43	-.63	-.71	-.91	-.86	-.90	0.00	1.47	.94	1.77	.80	.24	.16	.78	.38
	Tya	5.27	1.43	.63	.71	.91	.86	.90	0.00	-1.47	-.94	-1.77	-.80	-.24	-.16	-.78	-.38
S201	Txu	-3.79	-.94	-.41	-.47	-.55	-.58	-.63	0.00	-1.18	-1.45	-.89	-1.40	-.17	-.21	-.33	-.55
	Txa	3.79	.94	.41	.47	.55	.58	.63	0.00	1.18	1.45	.89	1.40	.17	.21	.33	.55
	Tyu	-5.28	-1.41	-.63	-.69	-.81	-.86	-.97	0.00	1.52	1.03	1.52	.63	.25	.17	.73	.34
	Tya	5.28	1.41	.63	.69	.81	.86	.97	0.00	-1.52	-1.03	-1.52	-.63	-.25	-.17	-.73	-.34
S101	Txu	-6.61	-1.63	-.71	-.82	-.97	-1.00	-1.10	0.00	-1.95	-2.43	-1.53	-2.41	-.29	-.36	-.56	-.94
	Txa	6.61	1.63	.71	.82	.97	1.00	1.10	0.00	1.95	2.43	1.53	2.41	.29	.36	.56	.94
	Tyu	-6.06	-1.61	-.70	-.80	-.94	-1.06	-1.01	0.00	2.02	1.51	1.58	.62	.33	.25	.80	.37
	Tya	6.06	1.61	.70	.80	.94	1.06	1.01	0.00	-2.02	-1.51	-1.58	-.62	-.33	-.25	-.80	-.37
SA01	Txu	-7.19	-1.79	-.78	-.91	-1.07	-1.08	-1.21	0.00	-3.58	-4.34	-2.46	-3.87	-.54	-.65	-.92	-1.54
	Txa	7.19	1.79	.78	.91	1.07	1.08	1.21	0.00	3.58	4.34	2.46	3.87	.54	.65	.92	1.54
	Tyu	-13.62	-3.56	-1.61	-1.70	-2.23	-2.16	-2.23	0.00	4.07	2.98	1.31	-.73	.66	.49	.77	-.13
	Tya	13.62	3.56	1.61	1.70	2.23	2.16	2.23	0.00	-4.07	-2.98	-1.31	.73	-.66	-.49	-.77	.13
SZ01	Txu	-10.41	-2.60	-1.12	-1.34	-1.55	-1.59	-1.78	0.00	-6.60	-7.79	-4.57	-6.76	-1.01	-1.20	-1.74	-2.70
	Txa	10.41	2.60	1.12	1.34	1.55	1.59	1.78	0.00	6.60	7.79	4.57	6.76	1.01	1.20	1.74	2.70
	Tyu	-15.54	-4.01	-1.75	-1.99	-2.36	-2.45	-2.65	0.00	4.97	3.91	.72	-1.26	.80	.63	.51	-.36
	Tya	15.54	4.01	1.75	1.99	2.36	2.45	2.65	0.00	-4.97	-3.91	-.72	1.26	-.80	-.63	-.51	.36
SB01	Txu	-7.66	-1.93	-.89	-.87	-1.16	-1.19	-1.16	0.00	3.78	3.40	2.07	1.37	.57	.51	.92	.61
	Txa	7.66	1.93	.89	.87	1.16	1.19	1.16	0.00	-3.78	-3.40	-2.07	-1.37	-.57	-.51	-.92	-.61
	Tyu	-10.16	-2.54	-1.15	-1.22	-1.47	-1.59	-1.68	0.00	2.60	1.06	3.85	1.00	.45	.20	1.95	.68
	Tya	10.16	2.54	1.15	1.22	1.47	1.59	1.68	0.00	-2.60	-1.06	-3.85	-1.00	-.45	-.20	-1.95	-.68
S602	Txu	-1.16	-.35	-.16	-.17	-.21	-.22	-.23	0.00	-.75	-.79	-.38	-.44	-.10	-.10	-.15	-.18
	Txa	1.16	.35	.16	.17	.21	.22	.23	0.00	.75	.79	.38	.44	.10	.10	.15	.18
	Tyu	-2.57	-.60	-.25	-.31	-.32	-.40	-.41	0.00	.60	.24	1.07	.39	.10	.05	.33	.09
	Tya	2.57	.60	.25	.31	.32	.40	.41	0.00	-.60	-.24	-1.07	-.39	-.10	-.05	-.33	-.09
S502	Txu	-1.71	-.54	-.24	-.27	-.32	-.34	-.35	0.00	-1.20	-1.23	-.59	-.64	-.16	-.16	-.24	-.26
	Txa	1.71	.54	.24	.27	.32	.34	.35	0.00	1.20	1.23	.59	.64	.16	.16	.24	.26
	Tyu	-3.41	-.80	-.34	-.40	-.50	-.49	-.49	0.00	.93	.47	1.31	.43	.16	.09	.48	.15
	Tya	3.41	.80	.34	.40	.50	.49	.49	0.00	-.93	-.47	-1.31	-.43	-.16	-.09	-.48	-.15
S402	Txu	-1.62	-.50	-.22	-.24	-.30	-.32	-.32	0.00	-1.80	-1.82	-.56	-.61	-.24	-.25	-.23	-.25
	Txa	1.62	.50	.22	.24	.30	.32	.32	0.00	1.80	1.82	.56	.61	.24	.25	.23	.25
	Tyu	-3.11	-.72	-.30	-.37	-.42	-.40	-.51	0.00	.91	.37	1.72	.72	.15	.08	.70	.31
	Tya	3.11	.72	.30	.37	.42	.40	.51	0.00	-.91	-.37	-1.72	-.72	-.15	-.08	-.70	-.31
S302	Txu	-2.98	-.89	-.40	-.43	-.53	-.55	-.58	0.00	-1.76	-1.83	-1.07	-1.20	-.24	-.25	-.43	-.49
	Txa	2.98	.89	.40	.43	.53	.55	.58	0.00	1.76	1.83	1.07	1.20	.24	.25	.43	.49
	Tyu	-9.68	-2.23	-.96	-1.11	-1.18	-1.47	-1.49	0.00	3.39	2.10	3.75	1.37	.55	.36	1.67	.68
	Tya	9.68	2.23	.96	1.11	1.18	1.47	1.49	0.00	-3.39	-2.10	-3.75	-1.37	-.55	-.36	-1.67	-.68
S202	Txu	-4.88	-1.41	-.62	-.69	-.84	-.86	-.92	0.00	-1.89	-1.95	-1.76	-1.87	-.27	-.28	-.72	-.77
	Txa	4.88	1.41	.62	.69	.84	.86	.92	0.00	1.89	1.95	1.76	1.87	.27	.28	.72	.77
	Tyu	-11.26	-2.63	-1.11	-1.33	-1.67	-1.62	-1.60	0.00	3.90	2.54	3.54	1.04	.64	.43	1.75	.66
	Tya	11.26	2.63	1.11	1.33	1.67	1.62	1.60	0.00	-3.90	-2.54	-3.54	-1.04	-.64	-.43	-1.75	-.66
S102	Txu	-5.14	-1.50	-.68	-.71	-.86	-.95	-.97	0.00	-.66	-.70	-1.78	-1.84	-.11	-.12	-.73	-.76
	Txa	5.14	1.50	.68	.71	.86	.95	.97	0.00	.66	.70	1.78	1.84	.11	.12	.73	.76
	Tyu	-11.85	-2.75	-1.20	-1.35	-1.64	-1.54	-1.92	0.00	4.71	3.36	3.29	.78	.77	.56	1.75	.62
	Tya	11.85	2.75	1.20	1.35	1.64	1.54	1.92	0.00	-4.71	-3.36	-3.29	-.78	-.77	-.56	-1.75	-.62
SA02	Txu	-2.44	-.92	-.39	-.47	-.55	-.62	-.56	0.00	-2.46	-2.57	-1.00	-1.22	-.38	-.40	-.40	-.50
	Txa	2.44	.92	.39	.47	.55	.62	.56	0.00	2.46	2.57	1.00	1.22	.38	.40	.40	.50
	Tyu	-19.86	-4.58	-1.82	-2.43	-2.48	-2.88	-3.13	0.00	6.50	4.43	.52	-3.36	1.07	.74	.65	-1.06
	Tya	19.86	4.58	1.82	2.43	2.48	2.88	3.13	0.00	-6.50	-4.43	-.52	3.36	-1.07	-.74	-.65	1.06
SZ02	Txu	-2.44	-.87	-.40	-.42	-.53	-.56	-.55	0.00	-1.45	-1.46	-.74	-.75	-.26	-.26	-.31	-.31
	Txa	2.44	.87	.40	.42	.53	.56	.55	0.00	1.45	1.46	.74	.75	.26	.26	.31	.31
	Tyu	-25.94	-6.00	-2.61	-2.95	-3.66	-3.66	-3.79	0.00	9.33	6.64	2.18	-2.81	1.53	1.10	1.45	-.74
	Tya	25.94	6.00	2.61	2.95	3.66	3.66	3.79	0.00	-9.33	-6.64	-2.18	2.81	-1.53	-1.10	-1.45	.74
SB02	Txu	-3.11	-.94	-.39	-.47	-.55	-.57	-.59	0.00	-.28	-.37	-2.37	-2.53	-.11	-.12	-.96	-1.03
	Txa	3.11	.94	.39	.47	.55	.57	.59	0.00	.28	.37	2.37	2.53	.11	.12	.96	1.03
	Tyu	-14.65	-3.38	-1.31	-1.86	-2.09	-1.95	-2.31	0.00	3.11	1.92	-6.17	-8.36	.52	.33	-2.27	-3.26
	Tya	14.65	3.38	1.31	1.86	2.09	1.95	2.31	0.00	-3.11	-1.92	6.17	8.36	-.52	-.33	2.27	3.26
S603	Txu	.26	-.01	0.00	0.00	0.00	-.01	.01	0.00	-.71	-.52	-.18	.17	-.09	-.07	-.09	.04
	Txa	-.26	.01	0.00	0.00	0.00	.01	-.01	0.00	.71	.52	.18	-.17	.09	.07	.09	-.04
	Tyu	-1.63	-.25	-.09	-.14	-.16	-.11	-.19	0.00	.49	.15	.94	.30	.08	.03	.28	.06
	Tya	1.63	.25	.09	.14	.16	.11	.19	0.00	-.49	-.15	-.94	-.30	-.08	-.03	-.28	-.06
S503	Txu	.56	.06	.02	.04	.04	.02	.06	0.00	-.76	-.54	-.14	.26	-.11	-.07	-.08	.07
	Txa	-.56	-.06	-.02	-.04	-.04	-.02	-.06	0.00	.76	.54	.14	-.26	.11	.07	.08	-.07
	Tyu	-1.83	-.31	-.12	-.16	-.14	-.18	-.24	0.00	.61	.27	.86	.21	.10	.05	.32	.07
	Tya	1.83	.31	.12	.16	.14	.18	.24	0.00	-.61	-.27	-.86	-.21	-.10	-.05	-.32	-.07
S403	Txu	.47	.04	.01	.03	.02	.02	.05	0.00	-1.17	-.91	-.21	.28	-.17	-.13	-.12	.07
	Txa	-.47	-.04	-.01	-.03	-.02	-.02	-.05	0.00	1.17	.91	.21	-.28	.17	.13	.12	-.07
	Tyu	-1.89	-.33	-.13	-.17	-.19	-.22	-.20	0.00	.65	.22	1.22	.41	.11	.05	.50	.18
	Tya	1.89	.33	.13	.17	.19	.22	.20	0.00	-.65	-.22	-1.22	-.41	-.11	-.05	-.50	-.18
S303	Txu	.59	.03	0.00	.03	.02	0.00	.05	0.00	-1.25	-.87	-.33	.37	-.18	-.13	-.19	.10
	Txa	-.59	-.03	0.00	-.03	-.02	0.00	-.05	0.00	1.25	.87	.33	-.37	.18	.13	.19	-.10
	Tyu	-2.27	-.40	-.15	-.21	-.25	-.20	-.28	0.00	.92	.51	.90	.16	.15	.09	.42	.11
	Tya	2.27	.40	.15	.21	.25	.20	.28	0.00	-.92	-.51	-.90	-.16	-.15	-.09	-.42	-.11
S203	Txu	.95	.07	.02	.06	.03	.02	.11	0.00	-1.32	-.75	-.60	.45	-.21	-.12	-.34	.12
	Txa	-.95	-.07	-.02	-.06	-.03	-.02	-.11	0.00	1.32	.75	.60	-.45	.21	.12	.34	-.12
	Tyu	-2.72	-.49	-.19	-.26	-.23	-.29	-.37	0.00	1.07	.62	.88	.04	.18	.11	.46	.09
	Tya	2.72	.49	.19	.26	.23	.29	.37	0.00	-1.07	-.62	-.88	-.04	-.18	-.11	-.46	-.09
S103	Txu	1.34	.16	.05	.11	.09	.09	.16	0.00	-.84	-.32	-.38	.60	-.15	-.07	-.24	.18
	Txa	-1.34	-.16	-.05	-.11	-.09	-.09	-.16	0.00	.84	.32	.38	-.60	.15	.07	.24	-.18
	Tyu	-2.52	-.45	-.17	-.24	-.26	-.29	-.28	0.00	1.08	.68	.63	-.12	.18	.12	.37	.03
	Tya	2.52	.45	.17	.24	.26	.29	.28	0.00	-1.08	-.68	-.63	.12	-.18	-.12	-.37	-.03
SA03	Txu	1.72	.17	.07	.11	.09	.08	.19	0.00	-1.67	-.77	.93	2.60	-.30	-.16	.27	1.00
	Txa	-1.72	-.17	-.07	-.11	-.09	-.08	-.19	0.00	1.67	.77	-.93	-2.60	.30	.16	-.27	-1.00
	Tyu	-6.61	-1.23	-.52	-.62	-.78	-.66	-.84	0.00	2.17	1.22	-.32	-2.09	.37	.22	.07	-.71
	Tya	6.61	1.23	.52	.62	.78	.66	.84	0.00	-2.17	-1.22	.32	2.09	-.37	-.22	-.07	.71
SZ03	Txu	1.58	.08	.03	.08	.02	.03	.17	0.00	-1.38	-.37	.88	2.75	-.29	-.13	.23	1.05
	Txa	-1.58	-.08	-.03	-.08	-.02	-.03	-.17	0.00	1.38	.37	-.88	-2.75	.29	.13	-.23	-1.05
	Tyu	-9.48	-1.79	-.68	-.99	-.96	-1.07	-1.31	0.00	3.07	1.74	-1.05	-3.52	.52	.31	-.16	-1.25
	Tya	9.48	1.79	.68	.99	.96	1.07	1.31	0.00	-3.07	-1.74	1.05	3.52	-.52	-.31	.16	1.25
SB03	Txu	.09	-.10	-.04	-.04	-.07	-.07	-.01	0.00	-.24	.14	-.51	.19	-.08	-.02	-.27	.04
	Txa	-.09	.10	.04	.04	.07	.07	.01	0.00	.24	-.14	.51	-.19	.08	.02	.27	-.04
	Tyu	-5.12	-1.07	-.46	-.55	-.61	-.66	-.73	0.00	.97	.46	-2.80	-3.74	.17	.09	-1.04	-1.46
	Tya	5.12	1.07	.46	.55	.61	.66	.73	0.00	-.97	-.46	2.80	3.74	-.17	-.09	1.04	1.46
SÇ04	Txu	-6.32	-1.51	-.66	-.75	-.91	-.90	-1.00	0.00	-.42	-.80	-1.63	-2.27	-.08	-.14	-.65	-.90
	Txa	6.32	1.51	.66	.75	.91	.90	1.00	0.00	.42	.80	1.63	2.27	.08	.14	.65	.90
	Tyu	-1.61	-.48	-.25	-.20	-.31	-.33	-.27	0.00	.40	.29	.80	.67	.06	.04	.22	.19
	Tya	1.61	.48	.25	.20	.31	.33	.27	0.00	-.40	-.29	-.80	-.67	-.06	-.04	-.22	-.19
S604	Txu	-3.31	-.79	-.35	-.39	-.47	-.47	-.54	0.00	-1.53	-1.80	-.75	-1.27	-.20	-.24	-.29	-.48
	Txa	3.31	.79	.35	.39	.47	.47	.54	0.00	1.53	1.80	.75	1.27	.20	.24	.29	.48
	Tyu	-.07	-.11	-.06	-.04	-.10	-.06	-.05	0.00	-.03	-.13	1.59	1.42	0.00	-.02	.54	.49

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S404	Txu	-7.51	-1.78	-.78	-.89	-1.07	-1.07	-1.18	0.00	-3.81	-4.51	-1.59	-2.89	-.52	-.62	-.57	-1.10
	Txa	7.51	1.78	.78	.89	1.07	1.07	1.18	0.00	3.81	4.51	1.59	2.89	.52	.62	.57	1.10
	Tyu	-.38	-.26	-.14	-.10	-.16	-.22	-.12	0.00	.10	-.20	4.09	3.54	.02	-.02	1.61	1.40
	Tya	.38	.26	.14	.10	.16	.22	.12	0.00	-.10	.20	-4.09	-3.54	-.02	.02	-1.61	-1.40
S304	Txu	-8.59	-2.03	-.88	-1.01	-1.21	-1.21	-1.37	0.00	-3.10	-3.81	-1.96	-3.26	-.43	-.54	-.72	-1.26
	Txa	8.59	2.03	.88	1.01	1.21	1.21	1.37	0.00	3.10	3.81	1.96	3.26	.43	.54	.72	1.26
	Tyu	-.32	-.34	-.18	-.14	-.32	-.18	-.13	0.00	.25	.03	5.15	4.75	.04	.01	2.14	1.97
	Tya	.32	.34	.18	.14	.32	.18	.13	0.00	-.25	-.03	-5.15	-4.75	-.04	-.01	-2.14	-1.97
S204	Txu	-13.01	-3.05	-1.33	-1.53	-1.79	-1.86	-2.07	0.00	-4.68	-5.64	-2.93	-4.69	-.68	-.82	-1.08	-1.83
	Txa	13.01	3.05	1.33	1.53	1.79	1.86	2.07	0.00	4.68	5.64	2.93	4.69	.68	.82	1.08	1.83
	Tyu	-.48	-.39	-.22	-.14	-.22	-.22	-.28	0.00	.43	.19	5.32	4.87	.07	.04	2.30	2.10
	Tya	.48	.39	.22	.14	.22	.22	.28	0.00	-.43	-.19	-5.32	-4.87	-.07	-.04	-2.30	-2.10
S104	Txu	-24.18	-5.67	-2.47	-2.84	-3.38	-3.44	-3.80	0.00	-7.65	-9.28	-5.18	-8.21	-1.13	-1.39	-1.89	-3.20
	Txa	24.18	5.67	2.47	2.84	3.38	3.44	3.80	0.00	7.65	9.28	5.18	8.21	1.13	1.39	1.89	3.20
	Tyu	-.43	-.40	-.22	-.15	-.24	-.38	-.12	0.00	.86	.59	6.06	5.55	.14	.10	2.69	2.44
	Tya	.43	.40	.22	.15	.24	.38	.12	0.00	-.86	-.59	-6.06	-5.55	-.14	-.10	-2.69	-2.44
SA04	Txu	-22.84	-5.34	-2.29	-2.73	-3.20	-3.17	-3.67	0.00	-16.81	-19.53	-8.56	-13.64	-2.52	-2.94	-3.22	-5.43
	Txa	22.84	5.34	2.29	2.73	3.20	3.17	3.67	0.00	16.81	19.53	8.56	13.64	2.52	2.94	3.22	5.43
	Tyu	-4.56	-1.45	-.69	-.65	-1.05	-.82	-.81	0.00	.75	.41	6.27	5.63	.13	.07	2.76	2.47
	Tya	4.56	1.45	.69	.65	1.05	.82	.81	0.00	-.75	-.41	-6.27	-5.63	-.13	-.07	-2.76	-2.47
SZ04	Txu	-29.41	-6.89	-2.98	-3.48	-4.08	-4.19	-4.64	0.00	-20.39	-23.71	-9.28	-15.43	-3.12	-3.63	-3.45	-6.12
	Txa	29.41	6.89	2.98	3.48	4.08	4.19	4.64	0.00	20.39	23.71	9.28	15.43	3.12	3.63	3.45	6.12
	Tyu	-4.72	-1.51	-.67	-.73	-.92	-.87	-1.00	0.00	.86	.72	5.54	5.28	.14	.11	2.40	2.28
	Tya	4.72	1.51	.67	.73	.92	.87	1.00	0.00	-.86	-.72	-5.54	-5.28	-.14	-.11	-2.40	-2.28
SB04	Txu	-2.56	-.67	-.17	-.59	-.43	-.36	-.72	0.00	-13.33	-14.36	-12.74	-14.65	-2.07	-2.24	-5.11	-5.96
	Txa	2.56	.67	.17	.59	.43	.36	.72	0.00	13.33	14.36	12.74	14.65	2.07	2.24	5.11	5.96
	Tyu	-.83	-.49	-.36	-.07	-.21	-.40	-.26	0.00	1.15	-.08	12.72	10.44	.22	.02	5.70	4.66
	Tya	.83	.49	.36	.07	.21	.40	.26	0.00	-1.15	.08	-12.72	-10.44	-.22	-.02	-5.70	-4.66
SÇ05	Txu	-4.78	-1.16	-.51	-.57	-.71	-.71	-.74	0.00	.11	.05	-1.60	-1.70	-.03	-.04	-.66	-.70
	Txa	4.78	1.16	.51	.57	.71	.71	.74	0.00	-.11	-.05	1.60	1.70	.03	.04	.66	.70
	Tyu	-1.32	-.26	-.07	-.18	-.11	-.13	-.25	0.00	1.63	1.40	1.63	1.36	.25	.21	.39	.34
	Tya	1.32	.26	.07	.18	.11	.13	.25	0.00	-1.63	-1.40	-1.63	-1.36	-.25	-.21	-.39	-.34
S605	Txu	-5.33	-1.33	-.59	-.65	-.78	-.81	-.88	0.00	-3.49	-3.60	-1.60	-1.81	-.46	-.47	-.65	-.73
	Txa	5.33	1.33	.59	.65	.78	.81	.88	0.00	3.49	3.60	1.60	1.81	.46	.47	.65	.73
	Tyu	2.55	.59	.25	.30	.46	.26	.39	0.00	.36	.02	6.15	5.50	.06	.02	2.05	1.88
	Tya	-2.55	-.59	-.25	-.30	-.46	-.26	-.39	0.00	-.36	-.02	-6.15	-5.50	-.06	-.02	-2.05	-1.88
S505	Txu	-10.37	-2.55	-1.14	-1.23	-1.49	-1.63	-1.62	0.00	-4.52	-4.68	-3.16	-3.46	-.62	-.65	-1.29	-1.42
	Txa	10.37	2.55	1.14	1.23	1.49	1.63	1.62	0.00	4.52	4.68	3.16	3.46	.62	.65	1.29	1.42
	Tyu	2.44	.60	.23	.33	.21	.33	.58	0.00	1.09	.57	8.06	7.06	.18	.11	2.99	2.65
	Tya	-2.44	-.60	-.23	-.33	-.21	-.33	-.58	0.00	-1.09	-.57	-8.06	-7.06	-.18	-.11	-2.99	-2.65
S405	Txu	-7.97	-1.96	-.86	-.96	-1.23	-1.17	-1.23	0.00	-8.19	-8.33	-2.36	-2.62	-1.13	-1.15	-.96	-1.07
	Txa	7.97	1.96	.86	.96	1.23	1.17	1.23	0.00	8.19	8.33	2.36	2.62	1.13	1.15	.96	1.07
	Tyu	2.65	.64	.28	.33	.35	.53	.34	0.00	1.11	.33	10.30	8.82	.19	.08	4.04	3.48
	Tya	-2.65	-.64	-.28	-.33	-.35	-.53	-.34	0.00	-1.11	-.33	-10.30	-8.82	-.19	-.08	-4.04	-3.48
S305	Txu	-12.52	-3.08	-1.38	-1.50	-1.82	-1.83	-2.13	0.00	-4.03	-4.59	-3.23	-4.26	-.55	-.63	-1.26	-1.70
	Txa	12.52	3.08	1.38	1.50	1.82	1.83	2.13	0.00	4.03	4.59	3.23	4.26	.55	.63	1.26	1.70
	Tyu	3.79	.92	.35	.52	.69	.42	.62	0.00	1.42	1.04	8.91	8.22	.23	.17	3.69	3.41
	Tya	-3.79	-.92	-.35	-.52	-.69	-.42	-.62	0.00	-1.42	-1.04	-8.91	-8.22	-.23	-.17	-3.69	-3.41
S205	Txu	-14.01	-3.44	-1.50	-1.71	-1.93	-2.28	-2.21	0.00	-5.91	-6.24	-4.13	-4.75	-.86	-.91	-1.66	-1.93
	Txa	14.01	3.44	1.50	1.71	1.93	2.28	2.21	0.00	5.91	6.24	4.13	4.75	.86	.91	1.66	1.93
	Tyu	5.28	1.25	.55	.63	.55	.69	1.12	0.00	2.32	1.68	12.40	11.23	.37	.28	5.39	4.87
	Tya	-5.28	-1.25	-.55	-.63	-.55	-.69	-1.12	0.00	-2.32	-1.68	-12.40	-11.23	-.37	-.28	-5.39	-4.87
S105	Txu	-16.09	-4.02	-1.85	-1.89	-2.53	-2.44	-2.50	0.00	.32	.17	-4.59	-4.88	.01	-.02	-1.86	-1.99
	Txa	16.09	4.02	1.85	1.89	2.53	2.44	2.50	0.00	-.32	-.17	4.59	4.88	-.01	.02	1.86	1.99
	Tyu	7.16	1.69	.65	.95	.92	1.24	1.05	0.00	2.80	2.34	11.05	10.20	.45	.37	4.97	4.54
	Tya	-7.16	-1.69	-.65	-.95	-.92	-1.24	-1.05	0.00	-2.80	-2.34	-11.05	-10.20	-.45	-.37	-4.97	-4.54
SA05	Txu	.40	-.11	.03	-.15	-.02	.07	-.29	0.00	-7.39	-7.85	-.36	-1.21	-1.09	-1.16	-.10	-.47
	Txa	-.40	.11	-.03	.15	.02	-.07	.29	0.00	7.39	7.85	.36	1.21	1.09	1.16	.10	.47
	Tyu	-1.06	-.15	-.04	-.07	.25	-.42	-.05	0.00	3.09	2.28	10.95	9.41	.50	.37	4.93	4.23
	Tya	1.06	.15	.04	.07	-.25	.42	.05	0.00	-3.09	-2.28	-10.95	-9.41	-.50	-.37	-4.93	-4.23
SZ05	Txu	-1.17	-.32	-.21	-.12	-.11	-.43	-.12	0.00	-3.18	-3.23	2.09	2.00	-.48	-.49	.85	.82
	Txa	1.17	.32	.21	.12	.11	.43	.12	0.00	3.18	3.23	-2.09	-2.00	.48	.49	-.85	-.82
	Tyu	7.49	1.76	.58	1.11	.80	.95	1.62	0.00	2.68	2.43	18.26	17.80	.42	.38	7.85	7.62
	Tya	-7.49	-1.76	-.58	-1.11	-.80	-.95	-1.62	0.00	-2.68	-2.43	-18.26	-17.80	-.42	-.38	-7.85	-7.62
SB05	Txu	-11.67	-3.22	-1.38	-1.60	-2.04	-1.99	-1.92	0.00	-.42	-.77	-6.56	-7.20	-.24	-.30	-2.65	-2.93
	Txa	11.67	3.22	1.38	1.60	2.04	1.99	1.92	0.00	.42	.77	6.56	7.20	.24	.30	2.65	2.93
	Tyu	-12.72	-2.89	-.97	-1.76	-1.92	-1.53	-2.02	0.00	2.14	1.21	-8.85	-10.58	.36	.21	-3.36	-4.15
	Tya	12.72	2.89	.97	1.76	1.92	1.53	2.02	0.00	-2.14	-1.21	8.85	10.58	-.36	-.21	3.36	4.15
SÇ06	Txu	-1.03	-.25	-.11	-.10	-.16	-.14	-.13	0.00	.01	.33	-.85	-.31	-.03	.02	-.37	-.17
	Txa	1.03	.25	.11	.10	.16	.14	.13	0.00	-.01	-.33	.85	.31	.03	-.02	.37	.17
	Tyu	1.00	.33	.13	.18	.18	.19	.24	0.00	.67	.58	.68	.59	.10	.09	.18	.16
	Tya	-1.00	-.33	-.13	-.18	-.18	-.19	-.24	0.00	-.67	-.58	-.68	-.59	-.10	-.09	-.18	-.16
S606	Txu	-.92	-.22	-.10	-.10	-.13	-.14	-.13	0.00	-.99	-.73	-.65	-.16	-.13	-.09	-.29	-.12
	Txa	.92	.22	.10	.10	.13	.14	.13	0.00	.99	.73	.65	.16	.13	.09	.29	.12
	Tyu	2.43	.64	.28	.32	.35	.44	.42	0.00	.25	.11	2.47	2.21	.04	.02	.81	.75
	Tya	-2.43	-.64	-.28	-.32	-.35	-.44	-.42	0.00	-.25	-.11	-2.47	-2.21	-.04	-.02	-.81	-.75
S506	Txu	-1.68	-.40	-.20	-.14	-.24	-.28	-.15	0.00	-2.99	-1.98	-1.97	-.06	-.43	-.28	-.94	-.19
	Txa	1.68	.40	.20	.14	.24	.28	.15	0.00	2.99	1.98	1.97	.06	.43	.28	.94	.19
	Tyu	4.72	1.29	.59	.63	.87	.78	.78	0.00	.88	.57	5.06	4.46	.14	.10	1.86	1.66
	Tya	-4.72	-1.29	-.59	-.63	-.87	-.78	-.78	0.00	-.88	-.57	-5.06	-4.46	-.14	-.10	-1.86	-1.66
S406	Txu	-1.41	-.33	-.16	-.12	-.24	-.19	-.13	0.00	-4.28	-3.27	-1.73	.17	-.61	-.47	-.84	-.09
	Txa	1.41	.33	.16	.12	.24	.19	.13	0.00	4.28	3.27	1.73	-.17	.61	.47	.84	.09
	Tyu	4.21	1.14	.50	.57	.68	.63	.83	0.00	.84	.38	5.93	5.06	.14	.08	2.31	1.99
	Tya	-4.21	-1.14	-.50	-.57	-.68	-.63	-.83	0.00	-.84	-.38	-5.93	-5.06	-.14	-.08	-2.31	-1.99
S306	Txu	-5.22	-1.23	-.61	-.47	-.70	-.76	-.68	0.00	-7.62	-5.26	-4.48	-.12	-1.14	-.79	-2.17	-.35
	Txa	5.22	1.23	.61	.47	.70	.76	.68	0.00	7.62	5.26	4.48	.12	1.14	.79	2.17	.35
	Tyu	6.35	1.71	.78	.83	.94	1.16	1.12	0.00	1.40	1.11	6.11	5.60	.22	.18	2.55	2.33
	Tya	-6.35	-1.71	-.78	-.83	-.94	-1.16	-1.12	0.00	-1.40	-1.11	-6.11	-5.60	-.22	-.18	-2.55	-2.33
S206	Txu	-4.43	-1.02	-.48	-.40	-.63	-.73	-.40	0.00	-4.90	-2.99	-4.03	-.50	-.79	-.50	-1.93	-.42
	Txa	4.43	1.02	.48	.40	.63	.73	.40	0.00	4.90	2.99	4.03	.50	.79	.50	1.93	.42
	Tyu	5.93	1.58	.70	.79	1.08	.95	.94	0.00	1.40	1.12	5.20	4.68	.22	.18	2.29	2.05
	Tya	-5.93	-1.58	-.70	-.79	-1.08	-.95	-.94	0.00	-1.40	-1.12	-5.20	-4.68	-.22	-.18	-2.29	-2.05
S106	Txu	-3.45	-.81	-.49	-.16	-.63	-.47	-.21	0.00	-5.17	-2.76	-6.26	-1.81	-.90	-.53	-2.99	-1.05
	Txa	3.45	.81	.49	.16	.63	.47	.21	0.00	5.17	2.76	6.26	1.81	.90	.53	2.99	1.05
	Tyu	7.29	1.93	.88	.93	1.15	1.07	1.39	0.00	1.88	1.61	5.40	4.89	.30	.25	2.46	2.21
	Tya	-7.29	-1.93	-.88	-.93	-1.15	-1.07	-1.39	0.00	-1.88	-1.61	-5.40	-4.89	-.30	-.25	-2.46	-2.21
SA06	Txu	-9.26	-2.13	-.90	-.96	-1.27	-1.25	-1.21	0.00	-11.82	-7.89	-.15	7.21	-1.97	-1.37	-.49	2.71
	Txa	9.26	2.13	.90	.96	1.27	1.25	1.21	0.00	11.82	7.89	.15	-7.21	1.97	1.37	.49	-2.71
	Tyu	4.51	1.36	.61	.66	.71	1.00	.83	0.00	1.85	1.49	4.27	3.59	.30	.24	1.97	1.65
	Tya	-4.51	-1.36	-.61	-.66	-.71	-1.00	-.83	0.00	-1.85	-1.49	-4.27	-3.59	-.30	-.24	-1.97	-1.65
SZ06	Txu	-7.25	-1.68	-.81	-.63	-1.10	-1.18	-.61	0.00	-11.26	-7.33	2.21	9.48	-1.96	-1.35	.53	3.66
	Txa	7.25	1.68	.81	.63	1.10	1.18	.61	0.00	11.26	7.33	-2.21	-9.48	1.96	1.35	-.53	-3.66
	Tyu	7.15	2.02	.97	.93	1.37	1.21	1.22	0.00	1.71	1.53	5.79	5.45	.27	.24	2.57	2.41
	Tya	-7.15	-2.02	-.97	-.93	-1.37	-1.21	-1.22	0.00	-1.71	-1.53	-5.79	-5.45	-.27	-.24	-2.57	-2.41
SB06	Txu	-8.10	-2.04	-.88	-.92	-1.32	-1.26	-1.03	0.00	-2.65	-1.00	-7.87	-4.81	-.62	-.35	-3.54	-2.17
	Txa	8.10	2.04	.88	.92	1.32	1.26	1.03	0.00	2.65	1.00	7.87	4.81	.62	.35	3.54	2.17
	Tyu	-3.76	-.72	-.34	-.35	-.40	-.49	-.49	0.00	.96	.60	-4.19	-4.87	.16	.10	-1.61	-1.91
	Tya	3.76	.72	.34	.35	.40	.49	.49	0.00	-.96	-.60	4.19	4.87	-.16	-.10	1.61	1.91
SÇ07	Txu	-1.79	-.44	-.19	-.21	-.26	-.25	-.30	0.00	-2.58	-2.93	-.06	-.65	-.41	-.47	0.00	-.23
	Txa	1.79	.44	.19	.21	.26	.25	.30	0.00	2.58	2.93	.06	.65	.41	.47	0.00	.23
	Tyu	7.28	1.53	.65	.77	.88	.92	1.03	0.00	-.73	-.62	3.70	3.94	-.12	-.10	1.41	1.52
	Tya	-7.28	-1.53	-.65	-.77	-.88	-.92	-1.03	0.00	.73	.62	-3.70	-3.94	.12	.10	-1.41	-1.52
S607	Txu	-.25	-.05	-.01	-.03	-.03	-.02	-.03	0.00	-3.14	-3.39	.24	-.23	-.45	-.49	.12	-.05
	Txa	.25	.05	.01	.03	.03	.02	.03	0.00	3.14	3.39	-.24	.23	.45	.49	-.12	.05
	Tyu	4.69	.97	.41	.49	.55	.60	.66	0.00	-.49	-.44	3.17	3.26	-.08	-.07	1.19	1.23

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S407	Txu	-.93	-.21	-.08	-.11	-.11	-.09	-.17	0.00	-5.99	-6.52	.40	-.59	-.86	-.94	.22	-.17
	Txa	.93	.21	.08	.11	.11	.09	.17	0.00	5.99	6.52	-.40	.59	.86	.94	-.22	.17
	Tyu	6.37	1.35	.58	.68	.79	.81	.91	0.00	-.56	-.49	4.53	4.66	-.09	-.08	1.80	1.86
	Tya	-6.37	-1.35	-.58	-.68	-.79	-.81	-.91	0.00	.56	.49	-4.53	-4.66	.09	.08	-1.80	-1.86
S307	Txu	-1.20	-.28	-.09	-.15	-.15	-.14	-.20	0.00	-7.71	-8.43	.50	-.83	-1.13	-1.24	.30	-.26
	Txa	1.20	.28	.09	.15	.15	.14	.20	0.00	7.71	8.43	-.50	.83	1.13	1.24	-.30	.26
	Tyu	7.85	1.68	.72	.84	.96	1.02	1.13	0.00	-.66	-.52	4.99	5.25	-.11	-.08	2.04	2.15
	Tya	-7.85	-1.68	-.72	-.84	-.96	-1.02	-1.13	0.00	.66	.52	-4.99	-5.25	.11	.08	-2.04	-2.15
S207	Txu	-2.59	-.60	-.22	-.32	-.38	-.27	-.44	0.00	-14.66	-15.92	1.01	-1.32	-2.19	-2.39	.59	-.40
	Txa	2.59	.60	.22	.32	.38	.27	.44	0.00	14.66	15.92	-1.01	1.32	2.19	2.39	-.59	.40
	Tyu	10.29	2.21	.95	1.11	1.29	1.35	1.47	0.00	-.71	-.54	6.16	6.48	-.12	-.09	2.56	2.69
	Tya	-10.29	-2.21	-.95	-1.11	-1.29	-1.35	-1.47	0.00	.71	.54	-6.16	-6.48	.12	.09	-2.56	-2.69
S107	Txu	-3.08	-.72	-.25	-.41	-.43	-.33	-.56	0.00	-15.33	-16.64	1.21	-1.22	-2.32	-2.53	.71	-.35
	Txa	3.08	.72	.25	.41	.43	.33	.56	0.00	15.33	16.64	-1.21	1.22	2.32	2.53	-.71	.35
	Tyu	17.82	3.84	1.66	1.92	2.25	2.30	2.60	0.00	-1.02	-.72	10.12	10.67	-.17	-.12	4.24	4.46
	Tya	-17.82	-3.84	-1.66	-1.92	-2.25	-2.30	-2.60	0.00	1.02	.72	-10.12	-10.67	.17	.12	-4.24	-4.46
SA07	Txu	-5.37	-1.17	-.43	-.66	-.68	-.60	-.88	0.00	-17.07	-18.91	-1.99	-5.43	-2.58	-2.86	-.61	-2.10
	Txa	5.37	1.17	.43	.66	.68	.60	.88	0.00	17.07	18.91	1.99	5.43	2.58	2.86	.61	2.10
	Tyu	28.85	6.17	2.68	3.06	3.52	3.79	4.17	0.00	-2.07	-1.39	18.24	19.50	-.34	-.23	7.59	8.13
	Tya	-28.85	-6.17	-2.68	-3.06	-3.52	-3.79	-4.17	0.00	2.07	1.39	-18.24	-19.50	.34	.23	-7.59	-8.13
SZ07	Txu	-6.86	-1.52	-.53	-.89	-.96	-.77	-1.13	0.00	-21.51	-23.75	-4.74	-8.91	-3.30	-3.65	-1.71	-3.51
	Txa	6.86	1.52	.53	.89	.96	.77	1.13	0.00	21.51	23.75	4.74	8.91	3.30	3.65	1.71	3.51
	Tyu	28.75	6.14	2.69	3.02	3.56	3.77	4.11	0.00	-2.24	-1.45	18.23	19.70	-.37	-.24	7.56	8.18
	Tya	-28.75	-6.14	-2.69	-3.02	-3.56	-3.77	-4.11	0.00	2.24	1.45	-18.23	-19.70	.37	.24	-7.56	-8.18
SB07	Txu	-4.24	-.94	-.41	-.38	-.56	-.54	-.50	0.00	-11.66	-12.74	9.89	7.90	-1.82	-1.99	4.26	3.38
	Txa	4.24	.94	.41	.38	.56	.54	.50	0.00	11.66	12.74	-9.89	-7.90	1.82	1.99	-4.26	-3.38
	Tyu	21.33	4.68	1.98	2.40	2.76	2.81	3.19	0.00	-.99	-.69	17.08	17.64	-.16	-.11	7.22	7.44
	Tya	-21.33	-4.68	-1.98	-2.40	-2.76	-2.81	-3.19	0.00	.99	.69	-17.08	-17.64	.16	.11	-7.22	-7.44
SÇ08	Txu	.50	.19	.07	.11	.17	.08	.10	0.00	-3.63	-3.68	-.01	-.10	-.58	-.59	0.00	-.04
	Txa	-.50	-.19	-.07	-.11	-.17	-.08	-.10	0.00	3.63	3.68	.01	.10	.58	.59	0.00	.04
	Tyu	8.86	1.99	.86	1.00	1.16	1.22	1.32	0.00	-.87	-.68	3.76	4.14	-.14	-.11	1.41	1.58
	Tya	-8.86	-1.99	-.86	-1.00	-1.16	-1.22	-1.32	0.00	.87	.68	-3.76	-4.14	.14	.11	-1.41	-1.58
S608	Txu	1.36	.43	.21	.21	.25	.25	.33	0.00	-5.05	-5.13	.30	.16	-.74	-.75	.13	.08
	Txa	-1.36	-.43	-.21	-.21	-.25	-.25	-.33	0.00	5.05	5.13	-.30	-.16	.74	.75	-.13	-.08
	Tyu	7.37	1.63	.70	.82	.97	.99	1.09	0.00	-.76	-.63	4.08	4.32	-.12	-.10	1.50	1.62
	Tya	-7.37	-1.63	-.70	-.82	-.97	-.99	-1.09	0.00	.76	.63	-4.08	-4.32	.12	.10	-1.50	-1.62
S508	Txu	2.79	.86	.41	.41	.47	.69	.48	0.00	-8.89	-8.99	.60	.41	-1.32	-1.33	.26	.19
	Txa	-2.79	-.86	-.41	-.41	-.47	-.69	-.48	0.00	8.89	8.99	-.60	-.41	1.32	1.33	-.26	-.19
	Tyu	16.47	3.67	1.57	1.85	2.14	2.22	2.48	0.00	-1.58	-1.28	9.10	9.65	-.25	-.21	3.50	3.75
	Tya	-16.47	-3.67	-1.57	-1.85	-2.14	-2.22	-2.48	0.00	1.58	1.28	-9.10	-9.65	.25	.21	-3.50	-3.75
S408	Txu	2.23	.71	.33	.35	.58	.42	.36	0.00	-9.24	-9.34	.47	.27	-1.36	-1.37	.20	.13
	Txa	-2.23	-.71	-.33	-.35	-.58	-.42	-.36	0.00	9.24	9.34	-.47	-.27	1.36	1.37	-.20	-.13
	Tyu	15.72	3.51	1.51	1.77	2.05	2.16	2.34	0.00	-1.37	-1.13	9.56	9.99	-.22	-.18	3.76	3.96
	Tya	-15.72	-3.51	-1.51	-1.77	-2.05	-2.16	-2.34	0.00	1.37	1.13	-9.56	-9.99	.22	.18	-3.76	-3.96
S308	Txu	3.52	1.12	.56	.50	.65	.60	.88	0.00	-11.30	-11.47	.69	.37	-1.69	-1.72	.31	.17
	Txa	-3.52	-1.12	-.56	-.50	-.65	-.60	-.88	0.00	11.30	11.47	-.69	-.37	1.69	1.72	-.31	-.17
	Tyu	29.98	6.73	2.87	3.40	4.00	4.07	4.47	0.00	-2.54	-1.92	15.88	17.03	-.41	-.31	6.45	6.93
	Tya	-29.98	-6.73	-2.87	-3.40	-4.00	-4.07	-4.47	0.00	2.54	1.92	-15.88	-17.03	.41	.31	-6.45	-6.93
S208	Txu	3.82	1.23	.53	.64	.62	1.03	.69	0.00	-11.44	-11.53	.61	.45	-1.74	-1.75	.27	.20
	Txa	-3.82	-1.23	-.53	-.64	-.62	-1.03	-.69	0.00	11.44	11.53	-.61	-.45	1.74	1.75	-.27	-.20
	Tyu	33.51	7.54	3.23	3.79	4.44	4.55	5.06	0.00	-2.40	-1.77	16.63	17.79	-.39	-.29	6.89	7.37
	Tya	-33.51	-7.54	-3.23	-3.79	-4.44	-4.55	-5.06	0.00	2.40	1.77	-16.63	-17.79	.39	.29	-6.89	-7.37
S108	Txu	4.77	1.57	.87	.63	1.30	.97	.73	0.00	-13.95	-14.01	.82	.72	-2.15	-2.16	.36	.31
	Txa	-4.77	-1.57	-.87	-.63	-1.30	-.97	-.73	0.00	13.95	14.01	-.82	-.72	2.15	2.16	-.36	-.31
	Tyu	43.29	9.78	4.17	4.94	5.76	5.96	6.51	0.00	-2.68	-1.90	20.30	21.75	-.43	-.31	8.50	9.10
	Tya	-43.29	-9.78	-4.17	-4.94	-5.76	-5.96	-6.51	0.00	2.68	1.90	-20.30	-21.75	.43	.31	-8.50	-9.10
SA08	Txu	7.36	2.12	.69	1.31	1.43	.93	1.65	0.00	-13.27	-13.40	1.28	1.03	-2.03	-2.05	.54	.43
	Txa	-7.36	-2.12	-.69	-1.31	-1.43	-.93	-1.65	0.00	13.27	13.40	-1.28	-1.03	2.03	2.05	-.54	-.43
	Tyu	56.82	12.84	5.51	6.43	7.65	7.77	8.47	0.00	-4.38	-3.13	28.98	31.28	-.71	-.52	12.07	13.05
	Tya	-56.82	-12.84	-5.51	-6.43	-7.65	-7.77	-8.47	0.00	4.38	3.13	-28.98	-31.28	.71	.52	-12.07	-13.05
SZ08	Txu	5.08	1.58	.60	.88	1.09	1.25	.63	0.00	-9.74	-9.76	1.07	1.04	-1.50	-1.50	.43	.42
	Txa	-5.08	-1.58	-.60	-.88	-1.09	-1.25	-.63	0.00	9.74	9.76	-1.07	-1.04	1.50	1.50	-.43	-.42
	Tyu	73.09	16.56	7.10	8.30	9.81	10.02	10.97	0.00	-5.25	-3.75	36.22	39.02	-.85	-.62	15.08	16.27
	Tya	-73.09	-16.56	-7.10	-8.30	-9.81	-10.02	-10.97	0.00	5.25	3.75	-36.22	-39.02	.85	.62	-15.08	-16.27
SB08	Txu	2.58	.73	.16	.55	.61	.62	.19	0.00	-7.60	-7.78	-.94	-1.27	-1.23	-1.26	-.35	-.50
	Txa	-2.58	-.73	-.16	-.55	-.61	-.62	-.19	0.00	7.60	7.78	.94	1.27	1.23	1.26	.35	.50
	Tyu	16.45	3.73	1.66	1.79	2.18	2.30	2.42	0.00	-.95	-.77	4.87	5.20	-.15	-.12	2.09	2.23
	Tya	-16.45	-3.73	-1.66	-1.79	-2.18	-2.30	-2.42	0.00	.95	.77	-4.87	-5.20	.15	.12	-2.09	-2.23
SÇ09	Txu	2.95	.74	.32	.37	.47	.43	.47	0.00	-4.48	-4.30	.47	.77	-.72	-.69	.18	.30
	Txa	-2.95	-.74	-.32	-.37	-.47	-.43	-.47	0.00	4.48	4.30	-.47	-.77	.72	.69	-.18	-.30
	Tyu	3.03	.81	.34	.43	.48	.48	.57	0.00	-.37	-.19	.80	1.15	-.06	-.04	.21	.36
	Tya	-3.03	-.81	-.34	-.43	-.48	-.48	-.57	0.00	.37	.19	-.80	-1.15	.06	.04	-.21	-.36
S609	Txu	4.44	1.19	.53	.57	.71	.71	.79	0.00	-9.81	-9.50	.66	1.24	-1.45	-1.41	.24	.46
	Txa	-4.44	-1.19	-.53	-.57	-.71	-.71	-.79	0.00	9.81	9.50	-.66	-1.24	1.45	1.41	-.24	-.46
	Tyu	8.03	2.08	.87	1.09	1.22	1.27	1.43	0.00	-1.24	-.88	5.41	6.09	-.20	-.14	1.70	2.01
	Tya	-8.03	-2.08	-.87	-1.09	-1.22	-1.27	-1.43	0.00	1.24	.88	-5.41	-6.09	.20	.14	-1.70	-2.01
S509	Txu	4.85	1.27	.56	.61	.75	.82	.78	0.00	-9.10	-8.73	.72	1.40	-1.37	-1.31	.26	.52
	Txa	-4.85	-1.27	-.56	-.61	-.75	-.82	-.78	0.00	9.10	8.73	-.72	-1.40	1.37	1.31	-.26	-.52
	Tyu	7.62	1.99	.84	1.04	1.19	1.21	1.35	0.00	-1.26	-.90	5.05	5.70	-.20	-.14	1.77	2.06
	Tya	-7.62	-1.99	-.84	-1.04	-1.19	-1.21	-1.35	0.00	1.26	.90	-5.05	-5.70	.20	.14	-1.77	-2.06
S409	Txu	4.49	1.18	.52	.57	.76	.70	.72	0.00	-9.74	-9.34	.61	1.37	-1.46	-1.40	.20	.51
	Txa	-4.49	-1.18	-.52	-.57	-.76	-.70	-.72	0.00	9.74	9.34	-.61	-1.37	1.46	1.40	-.20	-.51
	Tyu	7.56	1.95	.82	1.02	1.16	1.17	1.34	0.00	-1.27	-.98	6.32	6.85	-.20	-.15	2.36	2.59
	Tya	-7.56	-1.95	-.82	-1.02	-1.16	-1.17	-1.34	0.00	1.27	.98	-6.32	-6.85	.20	.15	-2.36	-2.59
S309	Txu	7.73	2.03	.90	.97	1.21	1.21	1.34	0.00	-14.84	-14.26	1.20	2.26	-2.25	-2.17	.42	.87
	Txa	-7.73	-2.03	-.90	-.97	-1.21	-1.21	-1.34	0.00	14.84	14.26	-1.20	-2.26	2.25	2.17	-.42	-.87
	Tyu	13.36	3.40	1.42	1.76	1.99	2.06	2.31	0.00	-2.41	-1.67	8.03	9.38	-.39	-.28	3.17	3.74
	Tya	-13.36	-3.40	-1.42	-1.76	-1.99	-2.06	-2.31	0.00	2.41	1.67	-8.03	-9.38	.39	.28	-3.17	-3.74
S209	Txu	8.71	2.29	1.00	1.12	1.34	1.47	1.41	0.00	-15.96	-15.28	1.24	2.49	-2.46	-2.35	.42	.95
	Txa	-8.71	-2.29	-1.00	-1.12	-1.34	-1.47	-1.41	0.00	15.96	15.28	-1.24	-2.49	2.46	2.35	-.42	-.95
	Tyu	22.62	5.67	2.35	2.96	3.41	3.43	3.78	0.00	-3.65	-2.57	11.60	13.60	-.59	-.43	4.80	5.63
	Tya	-22.62	-5.67	-2.35	-2.96	-3.41	-3.43	-3.78	0.00	3.65	2.57	-11.60	-13.60	.59	.43	-4.80	-5.63
S109	Txu	9.65	2.49	1.11	1.19	1.57	1.49	1.54	0.00	-15.58	-14.90	1.51	2.79	-2.42	-2.32	.52	1.08
	Txa	-9.65	-2.49	-1.11	-1.19	-1.57	-1.49	-1.54	0.00	15.58	14.90	-1.51	-2.79	2.42	2.32	-.52	-1.08
	Tyu	28.91	7.15	2.99	3.71	4.26	4.24	4.89	0.00	-3.66	-2.49	11.61	13.76	-.60	-.42	4.98	5.85
	Tya	-28.91	-7.15	-2.99	-3.71	-4.26	-4.24	-4.89	0.00	3.66	2.49	-11.61	-13.76	.60	.42	-4.98	-5.85
SA09	Txu	12.86	3.28	1.39	1.63	1.97	1.93	2.14	0.00	-19.72	-18.80	3.51	5.21	-3.07	-2.93	1.34	2.08
	Txa	-12.86	-3.28	-1.39	-1.63	-1.97	-1.93	-2.14	0.00	19.72	18.80	-3.51	-5.21	3.07	2.93	-1.34	-2.08
	Tyu	27.59	7.11	2.89	3.75	4.16	4.36	4.75	0.00	-8.21	-5.97	18.12	22.26	-1.34	-.99	7.61	9.37
	Tya	-27.59	-7.11	-2.89	-3.75	-4.16	-4.36	-4.75	0.00	8.21	5.97	-18.12	-22.26	1.34	.99	-7.61	-9.37
SZ09	Txu	14.40	3.68	1.59	1.80	2.23	2.31	2.24	0.00	-20.83	-19.68	4.33	6.46	-3.27	-3.09	1.66	2.58
	Txa	-14.40	-3.68	-1.59	-1.80	-2.23	-2.31	-2.24	0.00	20.83	19.68	-4.33	-6.46	3.27	3.09	-1.66	-2.58
	Tyu	27.40	7.04	2.92	3.63	4.31	4.24	4.54	0.00	-9.51	-6.74	11.12	16.26	-1.56	-1.13	4.42	6.64
	Tya	-27.40	-7.04	-2.92	-3.63	-4.31	-4.24	-4.54	0.00	9.51	6.74	-11.12	-16.26	1.56	1.13	-4.42	-6.64
SB09	Txu	31.98	7.99	3.48	3.84	4.85	4.88	4.91	0.00	-58.53	-56.72	4.47	7.81	-9.24	-8.96	1.60	3.06
	Txa	-31.98	-7.99	-3.48	-3.84	-4.85	-4.88	-4.91	0.00	58.53	56.72	-4.47	-7.81	9.24	8.96	-1.60	-3.06
	Tyu	95.64	22.32	9.28	11.70	13.32	13.38	15.26	0.00	-5.65	-4.28	85.32	87.83	-.91	-.72	36.31	37.28
	Tya	-95.64	-22.32	-9.28	-11.70	-13.32	-13.38	-15.26	0.00	5.65	4.28	-85.32	-87.83	.91	.72	-36.31	-37.28
SÇ10	Txu	-1.10	-.22	-.10	-.09	-.13	-.13	-.11	0.00	-.98	-.66	-.88	-.35	-.19	-.14	-.39	-.19
	Txa	1.10	.22	.10	.09	.13	.13	.11	0.00	.98	.66	.88	.35	.19	.14	.39	.19
	Tyu	1.22	.40	.17	.22	.24	.24	.29	0.00	-.17	.01	-.10	.25	-.03	0.00	-.16	-.01
	Tya	-1.22	-.40	-.17	-.22	-.24	-.24	-.29	0.00	.17	-.01	.10	-.25	.03	0.00	.16	.01
S610	Txu	-1.74	-.35	-.16	-.16	-.22	-.21	-.21	0.00	-1.45	-1.23	-.89	-.47	-.21	-.17	-.39	-.24
	Txa	1.74	.35	.16	.16	.22	.21	.21	0.00	1.45	1.23	.89	.47	.21	.17	.39	.24
	Tyu	1.01	.30	.12	.16	.17	.18	.21	0.00	-.22	-.12	.89	1.09	-.04	-.02	.23	.32

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S410	Txu	-1.62	-.33	-.15	-.14	-.20	-.20	-.19	0.00	-1.95	-1.64	-.94	-.35	-.29	-.24	-.43	-.19
	Txa	1.62	.33	.15	.14	.20	.20	.19	0.00	1.95	1.64	.94	.35	.29	.24	.43	.19
	Tyu	.55	.19	.08	.11	.11	.11	.14	0.00	-.30	-.19	.93	1.12	-.05	-.03	.32	.40
	Tya	-.55	-.19	-.08	-.11	-.11	-.11	-.14	0.00	.30	.19	-.93	-1.12	.05	.03	-.32	-.40
S310	Txu	-2.28	-.47	-.21	-.21	-.29	-.29	-.28	0.00	-1.89	-1.55	-1.16	-.53	-.29	-.24	-.52	-.26
	Txa	2.28	.47	.21	.21	.29	.29	.28	0.00	1.89	1.55	1.16	.53	.29	.24	.52	.26
	Tyu	.74	.28	.11	.17	.16	.17	.22	0.00	-.70	-.43	.86	1.37	-.11	-.07	.31	.52
	Tya	-.74	-.28	-.11	-.17	-.16	-.17	-.22	0.00	.70	.43	-.86	-1.37	.11	.07	-.31	-.52
S210	Txu	-2.36	-.49	-.22	-.22	-.30	-.30	-.29	0.00	-1.56	-1.24	-1.21	-.60	-.25	-.20	-.54	-.28
	Txa	2.36	.49	.22	.22	.30	.30	.29	0.00	1.56	1.24	1.21	.60	.25	.20	.54	.28
	Tyu	.46	.21	.07	.13	.12	.12	.16	0.00	-.66	-.41	.44	.91	-.11	-.07	.18	.37
	Tya	-.46	-.21	-.07	-.13	-.12	-.12	-.16	0.00	.66	.41	-.44	-.91	.11	.07	-.18	-.37
S110	Txu	-4.56	-.94	-.43	-.42	-.58	-.58	-.54	0.00	-3.17	-2.49	-2.35	-1.08	-.51	-.41	-1.06	-.51
	Txa	4.56	.94	.43	.42	.58	.58	.54	0.00	3.17	2.49	2.35	1.08	.51	.41	1.06	.51
	Tyu	.23	.25	.07	.18	.13	.13	.24	0.00	-1.38	-.86	.29	1.24	-.23	-.15	.15	.54
	Tya	-.23	-.25	-.07	-.18	-.13	-.13	-.24	0.00	1.38	.86	-.29	-1.24	.23	.15	-.15	-.54
SA10	Txu	-6.62	-1.38	-.62	-.63	-.86	-.83	-.81	0.00	-4.45	-3.52	-2.00	-.26	-.73	-.58	-.93	-.17
	Txa	6.62	1.38	.62	.63	.86	.83	.81	0.00	4.45	3.52	2.00	.26	.73	.58	.93	.17
	Tyu	-7.27	-1.44	-.66	-.65	-.89	-.88	-.86	0.00	-2.38	-1.59	-1.38	.08	-.39	-.27	-.58	.04
	Tya	7.27	1.44	.66	.65	.89	.88	.86	0.00	2.38	1.59	1.38	-.08	.39	.27	.58	-.04
SZ10	Txu	-7.38	-1.56	-.69	-.72	-.96	-.94	-.93	0.00	-4.42	-3.45	-2.36	-.56	-.74	-.59	-1.07	-.29
	Txa	7.38	1.56	.69	.72	.96	.94	.93	0.00	4.42	3.45	2.36	.56	.74	.59	1.07	.29
	Tyu	-10.98	-2.28	-1.02	-1.08	-1.39	-1.39	-1.41	0.00	-2.61	-1.76	-2.81	-1.23	-.43	-.30	-1.18	-.51
	Tya	10.98	2.28	1.02	1.08	1.39	1.39	1.41	0.00	2.61	1.76	2.81	1.23	.43	.30	1.18	.51
SB10	Txu	-2.22	-.48	-.22	-.22	-.29	-.29	-.28	0.00	-1.19	-.92	-1.02	-.52	-.21	-.16	-.45	-.23
	Txa	2.22	.48	.22	.22	.29	.29	.28	0.00	1.19	.92	1.02	.52	.21	.16	.45	.23
	Tyu	-7.73	-1.67	-.72	-.84	-1.01	-1.01	-1.09	0.00	-.66	-.49	-4.60	-4.28	-.11	-.08	-1.88	-1.75
	Tya	7.73	1.67	.72	.84	1.01	1.01	1.09	0.00	.66	.49	4.60	4.28	.11	.08	1.88	1.75
SÇ11	Txu	-.37	-.12	-.03	-.09	-.08	-.06	-.09	0.00	-1.82	-2.16	.55	-.01	-.30	-.35	.25	.04
	Txa	.37	.12	.03	.09	.08	.06	.09	0.00	1.82	2.16	-.55	.01	.30	.35	-.25	-.04
	Tyu	-6.89	-1.62	-.70	-.82	-.94	-1.01	-1.10	0.00	.51	.36	-.28	-.59	.08	.06	-.18	-.32
	Tya	6.89	1.62	.70	.82	.94	1.01	1.10	0.00	-.51	-.36	.28	.59	-.08	-.06	.18	.32
S611	Txu	.58	.12	.07	.04	.06	.10	.06	0.00	-2.46	-2.70	.61	.16	-.35	-.38	.27	.11
	Txa	-.58	-.12	-.07	-.04	-.06	-.10	-.06	0.00	2.46	2.70	-.61	-.16	.35	.38	-.27	-.11
	Tyu	-4.71	-1.10	-.48	-.55	-.65	-.68	-.74	0.00	.51	.43	.34	.18	.08	.07	.05	-.03
	Tya	4.71	1.10	.48	.55	.65	.68	.74	0.00	-.51	-.43	-.34	-.18	-.08	-.07	-.05	.03
S511	Txu	1.20	.25	.14	.09	.16	.16	.13	0.00	-5.37	-5.92	1.41	.38	-.77	-.85	.64	.24
	Txa	-1.20	-.25	-.14	-.09	-.16	-.16	-.13	0.00	5.37	5.92	-1.41	-.38	.77	.85	-.64	-.24
	Tyu	-10.49	-2.44	-1.07	-1.23	-1.43	-1.51	-1.67	0.00	.96	.78	.73	.41	.15	.12	.19	.04
	Tya	10.49	2.44	1.07	1.23	1.43	1.51	1.67	0.00	-.96	-.78	-.73	-.41	-.15	-.12	-.19	-.04
S411	Txu	.87	.17	.10	.06	.09	.12	.12	0.00	-6.06	-6.66	1.29	.16	-.86	-.95	.60	.16
	Txa	-.87	-.17	-.10	-.06	-.09	-.12	-.12	0.00	6.06	6.66	-1.29	-.16	.86	.95	-.60	-.16
	Tyu	-10.13	-2.36	-1.04	-1.18	-1.38	-1.47	-1.59	0.00	.91	.80	1.39	1.19	.14	.12	.49	.39
	Tya	10.13	2.36	1.04	1.18	1.38	1.47	1.59	0.00	-.91	-.80	-1.39	-1.19	-.14	-.12	-.49	-.39
S311	Txu	2.19	.45	.26	.16	.22	.39	.23	0.00	-11.94	-13.20	2.76	.43	-1.74	-1.93	1.31	.34
	Txa	-2.19	-.45	-.26	-.16	-.22	-.39	-.23	0.00	11.94	13.20	-2.76	-.43	1.74	1.93	-1.31	-.34
	Tyu	-13.24	-3.09	-1.35	-1.55	-1.83	-1.90	-2.09	0.00	.92	.73	.89	.53	.15	.12	.39	.23
	Tya	13.24	3.09	1.35	1.55	1.83	1.90	2.09	0.00	-.92	-.73	-.89	-.53	-.15	-.12	-.39	-.23
S211	Txu	2.08	.45	.27	.14	.31	.32	.19	0.00	-13.24	-14.46	3.04	.79	-1.98	-2.17	1.44	.47
	Txa	-2.08	-.45	-.27	-.14	-.31	-.32	-.19	0.00	13.24	14.46	-3.04	-.79	1.98	2.17	-1.44	-.47
	Tyu	-20.19	-4.73	-2.08	-2.36	-2.75	-2.91	-3.22	0.00	1.78	1.34	.41	-.40	.29	.22	.30	-.04
	Tya	20.19	4.73	2.08	2.36	2.75	2.91	3.22	0.00	-1.78	-1.34	-.41	.40	-.29	-.22	-.30	.04
S111	Txu	3.06	.67	.38	.24	.36	.44	.43	0.00	-14.87	-16.19	3.59	1.14	-2.26	-2.46	1.69	.63
	Txa	-3.06	-.67	-.38	-.24	-.36	-.44	-.43	0.00	14.87	16.19	-3.59	-1.14	2.26	2.46	-1.69	-.63
	Tyu	-30.09	-7.01	-3.07	-3.52	-4.09	-4.36	-4.74	0.00	2.58	1.82	-.32	-1.71	.42	.30	.13	-.44
	Tya	30.09	7.01	3.07	3.52	4.09	4.36	4.74	0.00	-2.58	-1.82	.32	1.71	-.42	-.30	-.13	.44
SA11	Txu	5.58	1.19	.54	.58	.61	.83	.79	0.00	-8.19	-8.90	1.89	.54	-1.23	-1.34	.87	.28
	Txa	-5.58	-1.19	-.54	-.58	-.61	-.83	-.79	0.00	8.19	8.90	-1.89	-.54	1.23	1.34	-.87	-.28
	Tyu	-14.08	-3.27	-1.44	-1.63	-1.95	-2.00	-2.21	0.00	.93	.73	.54	.18	.15	.12	.32	.18
	Tya	14.08	3.27	1.44	1.63	1.95	2.00	2.21	0.00	-.93	-.73	-.54	-.18	-.15	-.12	-.32	-.18
SZ11	Txu	9.28	2.01	.92	.96	1.24	1.22	1.29	0.00	-9.35	-10.05	1.29	0.00	-1.46	-1.57	.61	.05
	Txa	-9.28	-2.01	-.92	-.96	-1.24	-1.22	-1.29	0.00	9.35	10.05	-1.29	0.00	1.46	1.57	-.61	-.05
	Tyu	-18.61	-4.32	-1.89	-2.17	-2.51	-2.67	-2.94	0.00	.87	.45	-1.40	-2.18	.14	.08	-.48	-.80
	Tya	18.61	4.32	1.89	2.17	2.51	2.67	2.94	0.00	-.87	-.45	1.40	2.18	-.14	-.08	.48	.80
SB11	Txu	-13.71	-2.81	-1.24	-1.37	-1.55	-1.79	-1.87	0.00	-15.06	-16.38	6.34	3.89	-2.35	-2.56	2.82	1.74
	Txa	13.71	2.81	1.24	1.37	1.55	1.79	1.87	0.00	15.06	16.38	-6.34	-3.89	2.35	2.56	-2.82	-1.74
	Tyu	-7.76	-1.83	-.89	-.82	-1.03	-1.22	-1.18	0.00	1.35	2.10	12.75	14.15	.18	.30	5.43	6.08
	Tya	7.76	1.83	.89	.82	1.03	1.22	1.18	0.00	-1.35	-2.10	-12.75	-14.15	-.18	-.30	-5.43	-6.08
SÇ12	Txu	3.01	.71	.32	.34	.41	.46	.47	0.00	-.51	-.46	.91	1.00	-.11	-.10	.38	.41
	Txa	-3.01	-.71	-.32	-.34	-.41	-.46	-.47	0.00	.51	.46	-.91	-1.00	.11	.10	-.38	-.41
	Tyu	-4.33	-1.04	-.45	-.52	-.61	-.63	-.71	0.00	.44	.31	.75	.46	.07	.06	.23	.09
	Tya	4.33	1.04	.45	.52	.61	.63	.71	0.00	-.44	-.31	-.75	-.46	-.07	-.06	-.23	-.09
S612	Txu	2.47	.57	.25	.28	.34	.36	.37	0.00	-1.65	-1.61	.73	.81	-.23	-.23	.30	.33
	Txa	-2.47	-.57	-.25	-.28	-.34	-.36	-.37	0.00	1.65	1.61	-.73	-.81	.23	.23	-.30	-.33
	Tyu	-3.48	-.86	-.38	-.43	-.50	-.54	-.58	0.00	.55	.47	1.14	.99	.09	.07	.35	.28
	Tya	3.48	.86	.38	.43	.50	.54	.58	0.00	-.55	-.47	-1.14	-.99	-.09	-.07	-.35	-.28
S512	Txu	6.06	1.40	.62	.69	.84	.84	.95	0.00	-3.54	-3.40	1.70	1.97	-.51	-.49	.69	.80
	Txa	-6.06	-1.40	-.62	-.69	-.84	-.84	-.95	0.00	3.54	3.40	-1.70	-1.97	.51	.49	-.69	-.80
	Tyu	-7.85	-1.93	-.85	-.96	-1.16	-1.18	-1.29	0.00	1.04	.89	2.62	2.34	.16	.14	.93	.79
	Tya	7.85	1.93	.85	.96	1.16	1.18	1.29	0.00	-1.04	-.89	-2.62	-2.34	-.16	-.14	-.93	-.79
S412	Txu	5.71	1.32	.59	.65	.76	.83	.89	0.00	-4.34	-4.17	1.54	1.86	-.63	-.60	.62	.75
	Txa	-5.71	-1.32	-.59	-.65	-.76	-.83	-.89	0.00	4.34	4.17	-1.54	-1.86	.63	.60	-.62	-.75
	Tyu	-7.66	-1.88	-.82	-.94	-1.10	-1.14	-1.29	0.00	.97	.89	3.22	3.08	.15	.14	1.21	1.14
	Tya	7.66	1.88	.82	.94	1.10	1.14	1.29	0.00	-.97	-.89	-3.22	-3.08	-.15	-.14	-1.21	-1.14
S312	Txu	6.39	1.48	.66	.73	.89	.92	.96	0.00	-3.51	-3.36	1.70	1.98	-.52	-.50	.69	.80
	Txa	-6.39	-1.48	-.66	-.73	-.89	-.92	-.96	0.00	3.51	3.36	-1.70	-1.98	.52	.50	-.69	-.80
	Tyu	-13.29	-3.23	-1.41	-1.62	-1.87	-2.02	-2.18	0.00	1.23	.99	3.73	3.29	.20	.16	1.56	1.37
	Tya	13.29	3.23	1.41	1.62	1.87	2.02	2.18	0.00	-1.23	-.99	-3.73	-3.29	-.20	-.16	-1.56	-1.37
S212	Txu	10.04	2.33	1.04	1.15	1.38	1.41	1.60	0.00	-4.95	-4.66	2.57	3.10	-.76	-.72	1.02	1.25
	Txa	-10.04	-2.33	-1.04	-1.15	-1.38	-1.41	-1.60	0.00	4.95	4.66	-2.57	-3.10	.76	.72	-1.02	-1.25
	Tyu	-16.36	-3.96	-1.72	-2.00	-2.36	-2.41	-2.66	0.00	1.83	1.38	3.01	2.19	.29	.22	1.39	1.06
	Tya	16.36	3.96	1.72	2.00	2.36	2.41	2.66	0.00	-1.83	-1.38	-3.01	-2.19	-.29	-.22	-1.39	-1.06
S112	Txu	12.01	2.79	1.23	1.38	1.59	1.75	1.88	0.00	-5.27	-4.95	3.13	3.72	-.84	-.79	1.24	1.50
	Txa	-12.01	-2.79	-1.23	-1.38	-1.59	-1.75	-1.88	0.00	5.27	4.95	-3.13	-3.72	.84	.79	-1.24	-1.50
	Tyu	-25.93	-6.25	-2.73	-3.14	-3.66	-3.81	-4.28	0.00	2.76	1.96	3.68	2.20	.45	.32	1.84	1.25
	Tya	25.93	6.25	2.73	3.14	3.66	3.81	4.28	0.00	-2.76	-1.96	-3.68	-2.20	-.45	-.32	-1.84	-1.25
SA12	Txu	7.52	1.72	.80	.82	1.03	1.12	1.08	0.00	-3.14	-3.00	2.09	2.34	-.48	-.46	.84	.95
	Txa	-7.52	-1.72	-.80	-.82	-1.03	-1.12	-1.08	0.00	3.14	3.00	-2.09	-2.34	.48	.46	-.84	-.95
	Tyu	-12.26	-2.93	-1.24	-1.52	-1.67	-1.84	-2.01	0.00	.96	.70	1.50	1.04	.15	.12	.74	.56
	Tya	12.26	2.93	1.24	1.52	1.67	1.84	2.01	0.00	-.96	-.70	-1.50	-1.04	-.15	-.12	-.74	-.56
SZ12	Txu	8.19	1.88	.87	.90	1.05	1.16	1.32	0.00	-2.54	-2.34	2.02	2.39	-.43	-.40	.80	.97
	Txa	-8.19	-1.88	-.87	-.90	-1.05	-1.16	-1.32	0.00	2.54	2.34	-2.02	-2.39	.43	.40	-.80	-.97
	Tyu	-14.69	-3.50	-1.49	-1.80	-2.10	-2.08	-2.40	0.00	.87	.61	1.31	.83	.14	.10	.66	.48
	Tya	14.69	3.50	1.49	1.80	2.10	2.08	2.40	0.00	-.87	-.61	-1.31	-.83	-.14	-.10	-.66	-.48
SB12	Txu	9.11	2.10	.98	.99	1.18	1.31	1.46	0.00	-3.56	-3.32	1.93	2.37	-.60	-.56	.76	.95
	Txa	-9.11	-2.10	-.98	-.99	-1.18	-1.31	-1.46	0.00	3.56	3.32	-1.93	-2.37	.60	.56	-.76	-.95
	Tyu	-22.34	-5.25	-2.21	-2.72	-3.12	-3.15	-3.60	0.00	1.75	1.24	-4.38	-5.33	.28	.21	-1.64	-2.02
	Tya	22.34	5.25	2.21	2.72	3.12	3.15	3.60	0.00	-1.75	-1.24	4.38	5.33	-.28	-.21	1.64	2.02
SÇ13	Txu	5.27	1.19	.50	.60	.69	.72	.80	0.00	.05	.35	1.54	2.04	-.03	.02	.62	.81
	Txa	-5.27	-1.19	-.50	-.60	-.69	-.72	-.80	0.00	-.05	-.35	-1.54	-2.04	.03	-.02	-.62	-.81
	Tyu	-4.64	-1.07	-.45	-.54	-.64	-.62	-.72	0.00	.36	.13	-.66	-1.13	.06	.03	-.32	-.53
	Tya	4.64	1.07	.45	.54	.64	.62	.72	0.00	-.36	-.13	.66	1.13	-.06	-.03	.32	.53
S613	Txu	2.83	.64	.27	.33	.38	.39	.43	0.00	-.84	-.63	.81	1.20	-.11	-.08	.32	.46
	Txa	-2.83	-.64	-.27	-.33	-.38	-.39	-.43	0.00	.84	.63	-.81	-1.20	.11	.08	-.32	-.46
	Tyu	-3.73	-.86	-.36	-.44	-.51	-.50	-.59	0.00	.49	.34	.13	-.15	.08	.06	-.04	-.17

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S413	Txu	3.13	.71	.30	.36	.41	.42	.49	0.00	-1.26	-.98	.81	1.33	-.18	-.14	.30	.51
	Txa	-3.13	-.71	-.30	-.36	-.41	-.42	-.49	0.00	1.26	.98	-.81	-1.33	.18	.14	-.30	-.51
	Tyu	-3.45	-.79	-.33	-.41	-.47	-.48	-.53	0.00	.38	.26	.46	.25	.06	.04	.15	.06
	Tya	3.45	.79	.33	.41	.47	.48	.53	0.00	-.38	-.26	-.46	-.25	-.06	-.04	-.15	-.06
S313	Txu	3.65	.83	.35	.42	.48	.50	.55	0.00	-.98	-.71	1.02	1.51	-.15	-.11	.39	.59
	Txa	-3.65	-.83	-.35	-.42	-.48	-.50	-.55	0.00	.98	.71	-1.02	-1.51	.15	.11	-.39	-.59
	Tyu	-6.31	-1.45	-.60	-.76	-.87	-.84	-1.01	0.00	.52	.28	.20	-.25	.09	.05	.11	-.08
	Tya	6.31	1.45	.60	.76	.87	.84	1.01	0.00	-.52	-.28	-.20	.25	-.09	-.05	-.11	.08
S213	Txu	6.53	1.48	.62	.75	.88	.87	1.00	0.00	-1.33	-.87	1.76	2.61	-.22	-.15	.66	1.03
	Txa	-6.53	-1.48	-.62	-.75	-.88	-.87	-1.00	0.00	1.33	.87	-1.76	-2.61	.22	.15	-.66	-1.03
	Tyu	-6.94	-1.60	-.67	-.83	-.93	-.95	-1.12	0.00	.75	.41	-.13	-.75	.12	.07	.03	-.23
	Tya	6.94	1.60	.67	.83	.93	.95	1.12	0.00	-.75	-.41	.13	.75	-.12	-.07	-.03	.23
S113	Txu	8.06	1.82	.76	.93	1.06	1.08	1.24	0.00	-1.39	-.86	2.27	3.24	-.24	-.16	.86	1.28
	Txa	-8.06	-1.82	-.76	-.93	-1.06	-1.08	-1.24	0.00	1.39	.86	-2.27	-3.24	.24	.16	-.86	-1.28
	Tyu	-10.61	-2.45	-1.00	-1.29	-1.46	-1.46	-1.66	0.00	1.16	.58	-.44	-1.50	.19	.11	-.01	-.44
	Tya	10.61	2.45	1.00	1.29	1.46	1.46	1.66	0.00	-1.16	-.58	.44	1.50	-.19	-.11	.01	.44
SA13	Txu	2.69	.61	.26	.31	.35	.38	.41	0.00	-.53	-.37	.97	1.28	-.09	-.06	.38	.51
	Txa	-2.69	-.61	-.26	-.31	-.35	-.38	-.41	0.00	.53	.37	-.97	-1.28	.09	.06	-.38	-.51
	Tyu	-4.74	-1.10	-.47	-.56	-.68	-.63	-.75	0.00	.35	.19	0.00	-.29	.06	.03	.05	-.06
	Tya	4.74	1.10	.47	.56	.68	.63	.75	0.00	-.35	-.19	0.00	.29	-.06	-.03	-.05	.06
SZ13	Txu	3.64	.82	.34	.42	.48	.47	.57	0.00	-.57	-.36	1.29	1.69	-.11	-.08	.51	.68
	Txa	-3.64	-.82	-.34	-.42	-.48	-.47	-.57	0.00	.57	.36	-1.29	-1.69	.11	.08	-.51	-.68
	Tyu	-5.43	-1.25	-.52	-.64	-.72	-.76	-.85	0.00	.33	.14	-.25	-.61	.06	.03	-.05	-.19
	Tya	5.43	1.25	.52	.64	.72	.76	.85	0.00	-.33	-.14	.25	.61	-.06	-.03	.05	.19
SB13	Txu	4.15	.92	.38	.47	.54	.54	.64	0.00	-.73	-.43	1.21	1.76	-.14	-.10	.46	.70
	Txa	-4.15	-.92	-.38	-.47	-.54	-.54	-.64	0.00	.73	.43	-1.21	-1.76	.14	.10	-.46	-.70
	Tyu	-8.92	-2.04	-.85	-1.06	-1.20	-1.23	-1.39	0.00	.72	.40	-3.14	-3.74	.12	.07	-1.22	-1.46
	Tya	8.92	2.04	.85	1.06	1.20	1.23	1.39	0.00	-.72	-.40	3.14	3.74	-.12	-.07	1.22	1.46
SÇ14	Txu	-3.29	-.73	-.29	-.40	-.42	-.44	-.52	0.00	-.55	-.88	-.51	-1.06	-.10	-.16	-.19	-.40
	Txa	3.29	.73	.29	.40	.42	.44	.52	0.00	.55	.88	.51	1.06	.10	.16	.19	.40
	Tyu	-2.60	-.67	-.32	-.32	-.40	-.46	-.42	0.00	-.70	-.60	.84	.96	-.11	-.09	.28	.30
	Tya	2.60	.67	.32	.32	.40	.46	.42	0.00	.70	.60	-.84	-.96	.11	.09	-.28	-.30
S614	Txu	-1.21	-.25	-.09	-.14	-.14	-.15	-.19	0.00	-1.80	-2.04	-.03	-.47	-.25	-.28	.01	-.15
	Txa	1.21	.25	.09	.14	.14	.15	.19	0.00	1.80	2.04	.03	.47	.25	.28	-.01	.15
	Tyu	-3.00	-.74	-.34	-.37	-.47	-.46	-.49	0.00	.03	.09	.74	.86	0.00	.01	.21	.23
	Tya	3.00	.74	.34	.37	.47	.46	.49	0.00	-.03	-.09	-.74	-.86	0.00	-.01	-.21	-.23
S514	Txu	-3.83	-.81	-.32	-.46	-.48	-.50	-.58	0.00	-4.99	-5.71	-.12	-1.47	-.70	-.80	.03	-.49
	Txa	3.83	.81	.32	.46	.48	.50	.58	0.00	4.99	5.71	.12	1.47	.70	.80	-.03	.49
	Tyu	-3.95	-.98	-.44	-.49	-.56	-.60	-.70	0.00	-.22	-.11	1.07	1.29	-.04	-.02	.35	.43
	Tya	3.95	.98	.44	.49	.56	.60	.70	0.00	.22	.11	-1.07	-1.29	.04	.02	-.35	-.43
S414	Txu	-3.59	-.77	-.30	-.43	-.45	-.45	-.57	0.00	-5.92	-6.70	-.07	-1.52	-.83	-.94	.07	-.51
	Txa	3.59	.77	.30	.43	.45	.45	.57	0.00	5.92	6.70	.07	1.52	.83	.94	-.07	.51
	Tyu	-3.86	-.95	-.43	-.48	-.55	-.64	-.62	0.00	-.24	-.05	1.43	1.78	-.04	-.02	.51	.64
	Tya	3.86	.95	.43	.48	.55	.64	.62	0.00	.24	.05	-1.43	-1.78	.04	.02	-.51	-.64
S314	Txu	-7.06	-1.50	-.59	-.84	-.85	-.91	-1.10	0.00	-8.79	-10.15	-.48	-2.99	-1.26	-1.46	-.02	-1.06
	Txa	7.06	1.50	.59	.84	.85	.91	1.10	0.00	8.79	10.15	.48	2.99	1.26	1.46	.02	1.06
	Tyu	-4.68	-1.15	-.52	-.58	-.73	-.71	-.76	0.00	-.54	-.39	1.30	1.57	-.09	-.07	.51	.63
	Tya	4.68	1.15	.52	.58	.73	.71	.76	0.00	.54	.39	-1.30	-1.57	.09	.07	-.51	-.63
S214	Txu	-7.64	-1.62	-.63	-.92	-.96	-.98	-1.17	0.00	-8.96	-10.19	-.59	-2.86	-1.32	-1.51	-.07	-1.04
	Txa	7.64	1.62	.63	.92	.96	.98	1.17	0.00	8.96	10.19	.59	2.86	1.32	1.51	.07	1.04
	Tyu	-7.62	-1.87	-.86	-.92	-1.07	-1.14	-1.35	0.00	-.68	-.54	1.63	1.88	-.11	-.09	.69	.81
	Tya	7.62	1.87	.86	.92	1.07	1.14	1.35	0.00	.68	.54	-1.63	-1.88	.11	.09	-.69	-.81
S114	Txu	-12.72	-2.70	-1.07	-1.51	-1.59	-1.58	-2.00	0.00	-13.86	-15.79	-.73	-4.31	-2.10	-2.40	0.00	-1.55
	Txa	12.72	2.70	1.07	1.51	1.59	1.58	2.00	0.00	13.86	15.79	.73	4.31	2.10	2.40	0.00	1.55
	Tyu	-8.12	-1.99	-.88	-1.01	-1.12	-1.33	-1.33	0.00	-1.02	-.92	1.50	1.68	-.16	-.14	.68	.77
	Tya	8.12	1.99	.88	1.01	1.12	1.33	1.33	0.00	1.02	.92	-1.50	-1.68	.16	.14	-.68	-.77
SA14	Txu	-.55	.02	.09	-.10	.07	0.00	-.10	0.00	-6.01	-6.76	-.24	-1.67	-.89	-1.01	-.02	-.64
	Txa	.55	-.02	-.09	.10	-.07	0.00	.10	0.00	6.01	6.76	.24	1.67	.89	1.01	.02	.64
	Tyu	-7.28	-1.75	-.84	-.81	-1.14	-1.09	-1.07	0.00	-.51	-.35	1.70	2.02	-.08	-.06	.74	.89
	Tya	7.28	1.75	.84	.81	1.14	1.09	1.07	0.00	.51	.35	-1.70	-2.02	.08	.06	-.74	-.89
SZ14	Txu	3.12	.80	.45	.27	.42	.55	.48	0.00	-6.48	-7.17	-.68	-1.95	-1.03	-1.14	-.21	-.76
	Txa	-3.12	-.80	-.45	-.27	-.42	-.55	-.48	0.00	6.48	7.17	.68	1.95	1.03	1.14	.21	.76
	Tyu	-11.58	-2.81	-1.30	-1.35	-1.50	-1.79	-2.01	0.00	-.81	-1.04	-.09	-.52	-.12	-.15	.02	-.16
	Tya	11.58	2.81	1.30	1.35	1.50	1.79	2.01	0.00	.81	1.04	.09	.52	.12	.15	-.02	.16
SB14	Txu	-23.42	-4.90	-2.08	-2.52	-2.82	-3.02	-3.37	0.00	-15.49	-16.76	2.15	-.18	-2.42	-2.62	1.07	.05
	Txa	23.42	4.90	2.08	2.52	2.82	3.02	3.37	0.00	15.49	16.76	-2.15	.18	2.42	2.62	-1.07	-.05
	Tyu	12.14	2.60	.86	1.57	1.72	1.38	1.75	0.00	-2.26	-.09	16.92	20.95	-.42	-.07	6.91	8.71
	Tya	-12.14	-2.60	-.86	-1.57	-1.72	-1.38	-1.75	0.00	2.26	.09	-16.92	-20.95	.42	.07	-6.91	-8.71
SÇ15	Txu	1.94	.47	.22	.22	.29	.28	.31	0.00	.08	.12	.55	.61	-.02	-.01	.23	.25
	Txa	-1.94	-.47	-.22	-.22	-.29	-.28	-.31	0.00	-.08	-.12	-.55	-.61	.02	.01	-.23	-.25
	Tyu	-.60	-.13	-.01	-.10	-.05	-.04	-.13	0.00	-.65	-.55	.87	.97	-.10	-.08	.28	.29
	Tya	.60	.13	.01	.10	.05	.04	.13	0.00	.65	.55	-.87	-.97	.10	.08	-.28	-.29
S615	Txu	2.06	.53	.24	.26	.31	.33	.35	0.00	-1.78	-1.74	.57	.66	-.24	-.23	.24	.27
	Txa	-2.06	-.53	-.24	-.26	-.31	-.33	-.35	0.00	1.78	1.74	-.57	-.66	.24	.23	-.24	-.27
	Tyu	-2.29	-.54	-.22	-.28	-.28	-.35	-.37	0.00	.17	.26	1.12	1.28	.02	.03	.31	.33
	Tya	2.29	.54	.22	.28	.28	.35	.37	0.00	-.17	-.26	-1.12	-1.28	-.02	-.03	-.31	-.33
S515	Txu	4.77	1.19	.53	.58	.72	.73	.77	0.00	-2.91	-2.76	1.18	1.45	-.40	-.38	.48	.59
	Txa	-4.77	-1.19	-.53	-.58	-.72	-.73	-.77	0.00	2.91	2.76	-1.18	-1.45	.40	.38	-.48	-.59
	Tyu	-4.05	-.93	-.38	-.48	-.60	-.55	-.57	0.00	-.06	.18	2.49	2.96	-.02	.02	.81	.96
	Tya	4.05	.93	.38	.48	.60	.55	.57	0.00	.06	-.18	-2.49	-2.96	.02	-.02	-.81	-.96
S415	Txu	4.31	1.07	.48	.52	.64	.63	.73	0.00	-4.26	-4.10	.98	1.29	-.60	-.57	.39	.51
	Txa	-4.31	-1.07	-.48	-.52	-.64	-.63	-.73	0.00	4.26	4.10	-.98	-1.29	.60	.57	-.39	-.51
	Tyu	-3.92	-.89	-.35	-.47	-.53	-.45	-.68	0.00	-.09	.31	3.17	3.92	-.02	.03	1.12	1.40
	Tya	3.92	.89	.35	.47	.53	.45	.68	0.00	.09	-.31	-3.17	-3.92	.02	-.03	-1.12	-1.40
S315	Txu	6.24	1.54	.69	.75	.88	.96	1.04	0.00	-3.48	-3.35	1.48	1.72	-.50	-.48	.59	.70
	Txa	-6.24	-1.54	-.69	-.75	-.88	-.96	-1.04	0.00	3.48	3.35	-1.48	-1.72	.50	.48	-.59	-.70
	Tyu	-5.25	-1.19	-.48	-.63	-.62	-.76	-.83	0.00	-.51	-.24	2.54	3.03	-.09	-.05	1.01	1.21
	Tya	5.25	1.19	.48	.63	.62	.76	.83	0.00	.51	.24	-2.54	-3.03	.09	.05	-1.01	-1.21
S215	Txu	5.39	1.34	.60	.65	.81	.84	.86	0.00	-2.50	-2.35	1.12	1.41	-.38	-.36	.44	.56
	Txa	-5.39	-1.34	-.60	-.65	-.81	-.84	-.86	0.00	2.50	2.35	-1.12	-1.41	.38	.36	-.44	-.56
	Tyu	-5.25	-1.20	-.47	-.64	-.77	-.71	-.75	0.00	-.14	-.02	1.71	1.92	-.02	-.01	.75	.85
	Tya	5.25	1.20	.47	.64	.77	.71	.75	0.00	.14	.02	-1.71	-1.92	.02	.01	-.75	-.85
S115	Txu	14.80	3.62	1.64	1.75	2.18	2.16	2.44	0.00	-5.02	-4.60	3.07	3.85	-.81	-.75	1.19	1.53
	Txa	-14.80	-3.62	-1.64	-1.75	-2.18	-2.16	-2.44	0.00	5.02	4.60	-3.07	-3.85	.81	.75	-1.19	-1.53
	Tyu	-10.29	-2.37	-.98	-1.22	-1.45	-1.24	-1.71	0.00	-.56	-.43	3.23	3.48	-.09	-.07	1.50	1.66
	Tya	10.29	2.37	.98	1.22	1.45	1.24	1.71	0.00	.56	.43	-3.23	-3.48	.09	.07	-1.50	-1.66
SA15	Txu	5.57	1.34	.54	.69	.70	.79	.98	0.00	-2.12	-2.03	1.88	2.04	-.32	-.31	.76	.83
	Txa	-5.57	-1.34	-.54	-.69	-.70	-.79	-.98	0.00	2.12	2.03	-1.88	-2.04	.32	.31	-.76	-.83
	Tyu	-10.82	-2.52	-.93	-1.42	-1.27	-1.58	-1.86	0.00	-.12	-.03	1.94	2.14	-.02	-.01	.89	1.01
	Tya	10.82	2.52	.93	1.42	1.27	1.58	1.86	0.00	.12	.03	-1.94	-2.14	.02	.01	-.89	-1.01
SZ15	Txu	8.55	2.07	.91	1.03	1.28	1.25	1.34	0.00	-2.29	-2.12	2.32	2.64	-.40	-.38	.93	1.06
	Txa	-8.55	-2.07	-.91	-1.03	-1.28	-1.25	-1.34	0.00	2.29	2.12	-2.32	-2.64	.40	.38	-.93	-1.06
	Tyu	-11.54	-2.68	-.99	-1.51	-1.79	-1.42	-1.79	0.00	-.45	-.37	2.04	2.19	-.07	-.06	.93	1.03
	Tya	11.54	2.68	.99	1.51	1.79	1.42	1.79	0.00	.45	.37	-2.04	-2.19	.07	.06	-.93	-1.03
SB15	Txu	7.65	1.80	.79	.90	1.07	1.10	1.20	0.00	-2.53	-2.39	1.10	1.37	-.46	-.44	.42	.54
	Txa	-7.65	-1.80	-.79	-.90	-1.07	-1.10	-1.20	0.00	2.53	2.39	-1.10	-1.37	.46	.44	-.42	-.54
	Tyu	-19.24	-4.40	-1.68	-2.44	-2.74	-2.48	-3.01	0.00	.41	.33	-5.61	-5.77	.06	.06	-2.21	-2.23
	Tya	19.24	4.40	1.68	2.44	2.74	2.48	3.01	0.00	-.41	-.33	5.61	5.77	-.06	-.06	2.21	2.23
SÇ16	Txu	5.00	1.11	.46	.56	.65	.67	.74	0.00	.10	.41	1.51	2.03	-.02	.03	.61	.81
	Txa	-5.00	-1.11	-.46	-.56	-.65	-.67	-.74	0.00	-.10	-.41	-1.51	-2.03	.02	-.03	-.61	-.81
	Tyu	.60	.21	.11	.10	.12	.16	.14	0.00	-.52	-.45	.46	.50	-.08	-.06	.13	.12
	Tya	-.60	-.21	-.11	-.10	-.12	-.16	-.14	0.00	.52	.45	-.46	-.50	.08	.06	-.13	-.12
S616	Txu	3.09	.68	.27	.35	.40	.39	.45	0.00	-.98	-.71	.94	1.44	-.13	-.09	.37	.55
	Txa	-3.09	-.68	-.27	-.35	-.40	-.39	-.45	0.00	.98	.71	-.94	-1.44	.13	.09	-.37	-.55
	Tyu	-2.29	-.47	-.17	-.25	-.29	-.22	-.33	0.00	.27	.36	1.19	1.35	.04	.05	.29	.30

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S416	Txu	5.97	1.30	.52	.68	.76	.77	.87	0.00	-2.69	-2.08	1.59	2.73	-.39	-.30	.59	1.04
	Txa	-5.97	-1.30	-.52	-.68	-.76	-.77	-.87	0.00	2.69	2.08	-1.59	-2.73	.39	.30	-.59	-1.04
	Tyu	-1.80	-.33	-.10	-.19	-.19	-.19	-.20	0.00	.03	.30	2.08	2.59	0.00	.03	.72	.90
	Tya	1.80	.33	.10	.19	.19	.19	.20	0.00	-.03	-.30	-2.08	-2.59	0.00	-.03	-.72	-.90
S316	Txu	10.92	2.38	.95	1.23	1.41	1.37	1.59	0.00	-3.10	-2.22	3.24	4.87	-.47	-.34	1.22	1.91
	Txa	-10.92	-2.38	-.95	-1.23	-1.41	-1.37	-1.59	0.00	3.10	2.22	-3.24	-4.87	.47	.34	-1.22	-1.91
	Tyu	-3.58	-.67	-.20	-.41	-.45	-.28	-.49	0.00	-.46	-.20	2.20	2.68	-.08	-.04	.87	1.06
	Tya	3.58	.67	.20	.41	.45	.28	.49	0.00	.46	.20	-2.20	-2.68	.08	.04	-.87	-1.06
S216	Txu	11.74	2.56	1.03	1.33	1.48	1.49	1.75	0.00	-2.49	-1.57	3.34	5.04	-.41	-.27	1.25	1.98
	Txa	-11.74	-2.56	-1.03	-1.33	-1.48	-1.49	-1.75	0.00	2.49	1.57	-3.34	-5.04	.41	.27	-1.25	-1.98
	Tyu	-4.48	-.85	-.26	-.49	-.43	-.41	-.66	0.00	.10	.21	1.75	1.94	.01	.03	.80	.90
	Tya	4.48	.85	.26	.49	.43	.41	.66	0.00	-.10	-.21	-1.75	-1.94	-.01	-.03	-.80	-.90
S116	Txu	18.70	4.08	1.63	2.12	2.39	2.40	2.73	0.00	-3.11	-1.79	5.42	7.88	-.55	-.35	2.04	3.11
	Txa	-18.70	-4.08	-1.63	-2.12	-2.39	-2.40	-2.73	0.00	3.11	1.79	-5.42	-7.88	.55	.35	-2.04	-3.11
	Tyu	-2.76	-.42	-.01	-.34	-.26	-.19	-.25	0.00	-.08	-.05	1.82	1.88	-.01	-.01	.90	.96
	Tya	2.76	.42	.01	.34	.26	.19	.25	0.00	.08	.05	-1.82	-1.88	.01	.01	-.90	-.96
SA16	Txu	6.49	1.42	.60	.70	.87	.81	.93	0.00	-1.40	-.96	2.74	3.58	-.23	-.16	1.08	1.45
	Txa	-6.49	-1.42	-.60	-.70	-.87	-.81	-.93	0.00	1.40	.96	-2.74	-3.58	.23	.16	-1.08	-1.45
	Tyu	-8.49	-1.88	-.80	-.95	-1.24	-1.00	-1.25	0.00	.14	.20	1.15	1.28	.02	.03	.56	.64
	Tya	8.49	1.88	.80	.95	1.24	1.00	1.25	0.00	-.14	-.20	-1.15	-1.28	-.02	-.03	-.56	-.64
SZ16	Txu	8.43	1.81	.75	.91	1.03	1.08	1.23	0.00	-1.27	-.73	3.36	4.36	-.26	-.17	1.33	1.76
	Txa	-8.43	-1.81	-.75	-.91	-1.03	-1.08	-1.23	0.00	1.27	.73	-3.36	-4.36	.26	.17	-1.33	-1.76
	Tyu	-6.06	-1.29	-.52	-.66	-.68	-.81	-.87	0.00	-.19	-.14	2.45	2.53	-.03	-.02	1.09	1.14
	Tya	6.06	1.29	.52	.66	.68	.81	.87	0.00	.19	.14	-2.45	-2.53	.03	.02	-1.09	-1.14
SB16	Txu	9.33	1.98	.82	1.00	1.13	1.17	1.34	0.00	-1.55	-.82	2.77	4.14	-.32	-.21	1.04	1.64
	Txa	-9.33	-1.98	-.82	-1.00	-1.13	-1.17	-1.34	0.00	1.55	.82	-2.77	-4.14	.32	.21	-1.04	-1.64
	Tyu	-14.97	-3.25	-1.34	-1.68	-1.90	-1.95	-2.21	0.00	.89	.72	-6.92	-7.23	.14	.12	-2.75	-2.85
	Tya	14.97	3.25	1.34	1.68	1.90	1.95	2.21	0.00	-.89	-.72	6.92	7.23	-.14	-.12	2.75	2.85
S617	Txu	-1.89	-.41	-.17	-.22	-.24	-.25	-.30	0.00	-1.46	-1.70	-.30	-.74	-.20	-.23	-.10	-.26
	Txa	1.89	.41	.17	.22	.24	.25	.30	0.00	1.46	1.70	.30	.74	.20	.23	.10	.26
	Tyu	-.55	-.16	-.06	-.09	-.10	-.10	-.11	0.00	-.33	-.01	1.33	1.92	-.06	-.02	.40	.59
	Tya	.55	.16	.06	.09	.10	.10	.11	0.00	.33	.01	-1.33	-1.92	.06	.02	-.40	-.59
S517	Txu	-1.73	-.37	-.15	-.20	-.21	-.24	-.27	0.00	-1.26	-1.50	-.26	-.70	-.17	-.21	-.08	-.25
	Txa	1.73	.37	.15	.20	.21	.24	.27	0.00	1.26	1.50	.26	.70	.17	.21	.08	.25
	Tyu	-.13	-.05	-.02	-.03	-.02	-.03	-.05	0.00	-.58	-.24	1.34	1.99	-.10	-.05	.45	.69
	Tya	.13	.05	.02	.03	.02	.03	.05	0.00	.58	.24	-1.34	-1.99	.10	.05	-.45	-.69
S417	Txu	-1.73	-.37	-.15	-.20	-.22	-.23	-.26	0.00	-1.71	-1.99	-.26	-.78	-.24	-.28	-.07	-.28
	Txa	1.73	.37	.15	.20	.22	.23	.26	0.00	1.71	1.99	.26	.78	.24	.28	.07	.28
	Tyu	-.22	-.07	-.03	-.04	-.04	-.05	-.04	0.00	-.63	-.19	1.62	2.45	-.11	-.05	.56	.89
	Tya	.22	.07	.03	.04	.04	.05	.04	0.00	.63	.19	-1.62	-2.45	.11	.05	-.56	-.89
S317	Txu	-1.63	-.35	-.14	-.19	-.20	-.21	-.25	0.00	-1.21	-1.46	-.31	-.76	-.17	-.21	-.10	-.28
	Txa	1.63	.35	.14	.19	.20	.21	.25	0.00	1.21	1.46	.31	.76	.17	.21	.10	.28
	Tyu	-.38	-.10	-.04	-.06	-.07	-.06	-.07	0.00	-.89	-.55	1.40	2.03	-.15	-.10	.53	.80
	Tya	.38	.10	.04	.06	.07	.06	.07	0.00	.89	.55	-1.40	-2.03	.15	.10	-.53	-.80
S217	Txu	-2.95	-.62	-.26	-.34	-.36	-.39	-.45	0.00	-2.12	-2.51	-.55	-1.27	-.31	-.37	-.17	-.48
	Txa	2.95	.62	.26	.34	.36	.39	.45	0.00	2.12	2.51	.55	1.27	.31	.37	.17	.48
	Tyu	-.49	-.13	-.05	-.07	-.07	-.07	-.10	0.00	-1.06	-.71	1.58	2.23	-.17	-.12	.63	.91
	Tya	.49	.13	.05	.07	.07	.07	.10	0.00	1.06	.71	-1.58	-2.23	.17	.12	-.63	-.91
S117	Txu	-4.34	-.91	-.37	-.51	-.54	-.57	-.66	0.00	-3.30	-3.90	-.80	-1.91	-.50	-.59	-.24	-.73
	Txa	4.34	.91	.37	.51	.54	.57	.66	0.00	3.30	3.90	.80	1.91	.50	.59	.24	.73
	Tyu	-.97	-.23	-.09	-.13	-.13	-.15	-.17	0.00	-1.53	-1.16	1.84	2.54	-.25	-.19	.75	1.07
	Tya	.97	.23	.09	.13	.13	.15	.17	0.00	1.53	1.16	-1.84	-2.54	.25	.19	-.75	-1.07
SA17	Txu	-.20	-.02	0.00	-.03	-.02	0.00	-.04	0.00	-.97	-1.15	-.26	-.61	-.14	-.17	-.09	-.24
	Txa	.20	.02	0.00	.03	.02	0.00	.04	0.00	.97	1.15	.26	.61	.14	.17	.09	.24
	Tyu	-.95	-.23	-.10	-.12	-.14	-.13	-.15	0.00	-.36	-.24	.78	1.01	-.06	-.04	.32	.43
	Tya	.95	.23	.10	.12	.14	.13	.15	0.00	.36	.24	-.78	-1.01	.06	.04	-.32	-.43
SZ17	Txu	-.96	-.18	-.07	-.11	-.10	-.12	-.13	0.00	-1.57	-1.74	-.22	-.54	-.25	-.27	-.07	-.21
	Txa	.96	.18	.07	.11	.10	.12	.13	0.00	1.57	1.74	.22	.54	.25	.27	.07	.21
	Tyu	-2.17	-.50	-.22	-.25	-.28	-.31	-.35	0.00	-.56	-.49	.31	.43	-.09	-.08	.13	.19
	Tya	2.17	.50	.22	.25	.28	.31	.35	0.00	.56	.49	-.31	-.43	.09	.08	-.13	-.19
SB17	Txu	7.15	1.49	.70	.69	.83	.95	1.00	0.00	2.74	2.54	-1.23	-1.61	.41	.38	-.48	-.65
	Txa	-7.15	-1.49	-.70	-.69	-.83	-.95	-1.00	0.00	-2.74	-2.54	1.23	1.61	-.41	-.38	.48	.65
	Tyu	3.75	.87	.35	.47	.53	.51	.59	0.00	-1.44	-.61	4.48	6.02	-.25	-.12	1.80	2.48
	Tya	-3.75	-.87	-.35	-.47	-.53	-.51	-.59	0.00	1.44	.61	-4.48	-6.02	.25	.12	-1.80	-2.48
S618	Txu	-.15	-.03	-.02	-.02	-.02	-.03	-.03	0.00	-.63	-.66	.04	-.01	-.09	-.09	.02	0.00
	Txa	.15	.03	.02	.02	.02	.03	.03	0.00	.63	.66	-.04	.01	.09	.09	-.02	0.00
	Tyu	.03	0.00	.01	-.01	.02	-.02	0.00	0.00	-.55	-.20	1.57	2.24	-.09	-.04	.48	.70
	Tya	-.03	0.00	-.01	.01	-.02	.02	0.00	0.00	.55	.20	-1.57	-2.24	.09	.04	-.48	-.70
S518	Txu	-.01	.01	0.00	0.00	.02	-.02	0.00	0.00	-1.01	-1.06	.14	.06	-.14	-.15	.06	.03
	Txa	.01	-.01	0.00	0.00	-.02	.02	0.00	0.00	1.01	1.06	-.14	-.06	.14	.15	-.06	-.03
	Tyu	.66	.17	.09	.07	.08	.11	.12	0.00	-1.19	-.62	2.36	3.44	-.20	-.12	.79	1.19
	Tya	-.66	-.17	-.09	-.07	-.08	-.11	-.12	0.00	1.19	.62	-2.36	-3.44	.20	.12	-.79	-1.19
S418	Txu	-.03	0.00	0.00	0.00	-.01	-.01	0.00	0.00	-1.77	-1.83	.10	-.01	-.25	-.26	.05	.01
	Txa	.03	0.00	0.00	0.00	.01	.01	0.00	0.00	1.77	1.83	-.10	.01	.25	.26	-.05	-.01
	Tyu	.64	.16	.08	.07	.10	.12	.08	0.00	-1.26	-.54	2.80	4.15	-.21	-.11	.98	1.51
	Tya	-.64	-.16	-.08	-.07	-.10	-.12	-.08	0.00	1.26	.54	-2.80	-4.15	.21	.11	-.98	-1.51
S318	Txu	-.12	-.02	-.01	-.01	-.01	-.01	-.03	0.00	-.75	-.81	.06	-.06	-.11	-.12	.04	-.02
	Txa	.12	.02	.01	.01	.01	.01	.03	0.00	.75	.81	-.06	.06	.11	.12	-.04	.02
	Tyu	.37	.10	.05	.03	.08	.04	.05	0.00	-1.51	-.98	2.25	3.22	-.25	-.17	.86	1.26
	Tya	-.37	-.10	-.05	-.03	-.08	-.04	-.05	0.00	1.51	.98	-2.25	-3.22	.25	.17	-.86	-1.26
S218	Txu	-.26	-.04	-.02	-.03	0.00	-.05	-.04	0.00	-1.25	-1.32	.06	-.07	-.19	-.20	.03	-.02
	Txa	.26	.04	.02	.03	0.00	.05	.04	0.00	1.25	1.32	-.06	.07	.19	.20	-.03	.02
	Tyu	.99	.28	.17	.08	.09	.20	.22	0.00	-4.51	-3.10	6.38	8.98	-.73	-.52	2.54	3.68
	Tya	-.99	-.28	-.17	-.08	-.09	-.20	-.22	0.00	4.51	3.10	-6.38	-8.98	.73	.52	-2.54	-3.68
S118	Txu	-.88	-.19	-.09	-.10	-.14	-.13	-.12	0.00	-.68	-.73	.02	-.07	-.11	-.12	.02	-.02
	Txa	.88	.19	.09	.10	.14	.13	.12	0.00	.68	.73	-.02	.07	.11	.12	-.02	.02
	Tyu	.95	.28	.16	.10	.17	.26	.08	0.00	-5.54	-4.21	6.51	8.98	-.89	-.68	2.67	3.79
	Tya	-.95	-.28	-.16	-.10	-.17	-.26	-.08	0.00	5.54	4.21	-6.51	-8.98	.89	.68	-2.67	-3.79
SA18	Txu	1.12	.27	.11	.13	.14	.20	.14	0.00	-1.08	-1.14	.37	.25	-.16	-.17	.15	.11
	Txa	-1.12	-.27	-.11	-.13	-.14	-.20	-.14	0.00	1.08	1.14	-.37	-.25	.16	.17	-.15	-.11
	Tyu	-4.98	-1.14	-.42	-.65	-.56	-.74	-.84	0.00	-1.77	-1.25	3.06	4.06	-.29	-.21	1.28	1.74
	Tya	4.98	1.14	.42	.65	.56	.74	.84	0.00	1.77	1.25	-3.06	-4.06	.29	.21	-1.28	-1.74
SZ18	Txu	.93	.29	.12	.15	.19	.13	.21	0.00	-.77	-.78	.52	.51	-.12	-.12	.21	.21
	Txa	-.93	-.29	-.12	-.15	-.19	-.13	-.21	0.00	.77	.78	-.52	-.51	.12	.12	-.21	-.21
	Tyu	-5.52	-1.27	-.46	-.73	-.85	-.66	-.88	0.00	-2.20	-1.80	2.84	3.59	-.35	-.29	1.19	1.53
	Tya	5.52	1.27	.46	.73	.85	.66	.88	0.00	2.20	1.80	-2.84	-3.59	.35	.29	-1.19	-1.53
SB18	Txu	-.27	-.06	-.02	-.03	-.04	-.05	-.02	0.00	-.90	-.97	-.28	-.41	-.16	-.17	-.11	-.16
	Txa	.27	.06	.02	.03	.04	.05	.02	0.00	.90	.97	.28	.41	.16	.17	.11	.16
	Tyu	-16.36	-3.68	-1.41	-2.06	-2.28	-2.08	-2.57	0.00	-3.19	-2.46	-3.38	-2.03	-.51	-.39	-1.38	-.74
	Tya	16.36	3.68	1.41	2.06	2.28	2.08	2.57	0.00	3.19	2.46	3.38	2.03	.51	.39	1.38	.74
S619	Txu	2.28	.50	.19	.27	.30	.29	.33	0.00	-.83	-.60	.70	1.11	-.12	-.08	.27	.42
	Txa	-2.28	-.50	-.19	-.27	-.30	-.29	-.33	0.00	.83	.60	-.70	-1.11	.12	.08	-.27	-.42
	Tyu	1.12	.30	.14	.14	.17	.21	.19	0.00	-.61	-.25	1.59	2.24	-.10	-.05	.50	.72
	Tya	-1.12	-.30	-.14	-.14	-.17	-.21	-.19	0.00	.61	.25	-1.59	-2.24	.10	.05	-.50	-.72
S519	Txu	2.52	.57	.22	.30	.33	.32	.38	0.00	-.79	-.54	.71	1.17	-.11	-.08	.27	.45
	Txa	-2.52	-.57	-.22	-.30	-.33	-.32	-.38	0.00	.79	.54	-.71	-1.17	.11	.08	-.27	-.45
	Tyu	1.60	.41	.19	.20	.27	.26	.26	0.00	-.84	-.47	1.60	2.31	-.14	-.08	.55	.81
	Tya	-1.60	-.41	-.19	-.20	-.27	-.26	-.26	0.00	.84	.47	-1.60	-2.31	.14	.08	-.55	-.81
S419	Txu	2.46	.55	.22	.29	.32	.32	.37	0.00	-1.18	-.90	.66	1.18	-.17	-.13	.24	.45
	Txa	-2.46	-.55	-.22	-.29	-.32	-.32	-.37	0.00	1.18	.90	-.66	-1.18	.17	.13	-.24	-.45
	Tyu	1.68	.43	.20	.21	.25	.26	.30	0.00	-.85	-.37	1.90	2.78	-.14	-.07	.67	1.02
	Tya	-1.68	-.43	-.20	-.21	-.25	-.26	-.30	0.00	.85	.37	-1.90	-2.78	.14	.07	-.67	-1.02
S319	Txu	4.28	.95	.37	.50	.56	.55	.63	0.00	-1.33	-.94	1.30	2.02	-.20	-.14	.49	.79
	Txa	-4.28	-.95	-.37	-.50	-.56	-.55	-.63	0.00	1.33	.94	-1.30	-2.02	.20	.14	-.49	-.79
	Tyu	1.83	.47	.22	.22	.27	.31	.30	0.00	-1.28	-.83	1.94	2.77	-.21	-.14	.74	1.09

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S119	Txu	8.65	1.92	.75	1.01	1.12	1.10	1.30	0.00	-1.50	-.83	2.57	3.80	-.27	-.16	.96	1.50
	Txa	-8.65	-1.92	-.75	-1.01	-1.12	-1.10	-1.30	0.00	1.50	.83	-2.57	-3.80	.27	.16	-.96	-1.50
	Tyu	3.97	1.01	.48	.47	.59	.61	.70	0.00	-2.38	-1.70	3.11	4.37	-.39	-.28	1.26	1.83
	Tya	-3.97	-1.01	-.48	-.47	-.59	-.61	-.70	0.00	2.38	1.70	-3.11	-4.37	.39	.28	-1.26	-1.83
SA19	Txu	3.16	.70	.28	.36	.41	.42	.46	0.00	-.74	-.50	1.37	1.83	-.12	-.09	.54	.74
	Txa	-3.16	-.70	-.28	-.36	-.41	-.42	-.46	0.00	.74	.50	-1.37	-1.83	.12	.09	-.54	-.74
	Tyu	-1.19	-.25	-.11	-.13	-.21	-.09	-.17	0.00	-1.02	-.68	1.94	2.58	-.17	-.11	.80	1.10
	Tya	1.19	.25	.11	.13	.21	.09	.17	0.00	1.02	.68	-1.94	-2.58	.17	.11	-.80	-1.10
SZ19	Txu	2.68	.60	.23	.31	.35	.33	.41	0.00	-.41	-.20	1.21	1.58	-.09	-.05	.47	.64
	Txa	-2.68	-.60	-.23	-.31	-.35	-.33	-.41	0.00	.41	.20	-1.21	-1.58	.09	.05	-.47	-.64
	Tyu	-1.64	-.32	-.15	-.14	-.14	-.25	-.21	0.00	-.88	-.62	1.43	1.90	-.15	-.10	.60	.82
	Tya	1.64	.32	.15	.14	.14	.25	.21	0.00	.88	.62	-1.43	-1.90	.15	.10	-.60	-.82
SB19	Txu	4.92	1.07	.42	.57	.63	.60	.74	0.00	-.82	-.39	1.58	2.38	-.17	-.10	.59	.94
	Txa	-4.92	-1.07	-.42	-.57	-.63	-.60	-.74	0.00	.82	.39	-1.58	-2.38	.17	.10	-.59	-.94
	Tyu	-4.77	-.99	-.43	-.49	-.55	-.64	-.66	0.00	-.90	-.56	-1.79	-1.15	-.15	-.09	-.74	-.44
	Tya	4.77	.99	.43	.49	.55	.64	.66	0.00	.90	.56	1.79	1.15	.15	.09	.74	.44

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK.ST4

TEMELLERE GELEN KOLON YUKLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SB01	N	60.57	15.22	(azaltma	Nq=	15.22x1.000 =		15.22)	0.00	66.35	65.41	38.38	36.64	10.20	10.05	16.02	15.28
Alt	Mx	-8.78	-2.20	-1.04	-.92	-1.32	-1.36	-1.23	0.00	9.40	9.26	5.51	5.24	1.44	1.42	2.30	2.19
Alt	My	-6.91	-1.77	-.81	-.82	-1.00	-1.12	-1.15	0.00	2.06	.07	10.21	6.52	.39	.07	4.68	3.04
SB02	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB03	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB04	N	61.66	14.57	(azaltma	Nq=	14.57x1.000 =		14.57)	0.00	57.24	56.94	72.13	71.58	8.80	8.76	29.88	29.67
Alt	Mx	14.88	3.52	1.71	1.34	2.07	2.19	1.84	0.00	-14.55	-14.51	-17.66	-17.60	-2.24	-2.23	-7.31	-7.29
Alt	My	10.86	2.23	.81	1.33	1.41	1.26	1.61	0.00	.63	-1.00	28.04	25.03	.15	-.11	12.18	10.82
SB05	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB06	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB07	N	42.89	9.07	(azaltma	Nq=	9.07x1.000 =		9.07)	0.00	-.84	-1.60	73.29	71.88	-.14	-.26	30.45	29.84
Alt	Mx	-10.51	-2.22	-1.09	-.83	-1.24	-1.43	-1.18	0.00	-.85	-1.08	17.79	17.38	-.14	-.17	7.40	7.22
Alt	My	29.97	6.69	2.81	3.47	3.97	4.02	4.59	0.00	-1.22	-.79	27.32	28.12	-.20	-.13	11.50	11.82
SB08	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB09	N	703.94	162.93	(azaltma	Nq=	162.93x1.000 =		162.93)	0.00	-8.11	-3.59	-246.89	-238.53	-1.38	-.70	-102.77	-99.26
Alt	Mx	48.92	12.20	5.38	5.78	7.36	7.42	7.54	0.00	-89.85	-87.25	7.34	12.15	-14.17	-13.76	2.67	4.77
Alt	My	199.74	45.88	19.14	24.09	27.37	27.52	31.58	0.00	-8.65	-5.87	196.87	202.00	-1.41	-1.01	83.02	85.06
SB10	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB11	N	150.57	31.82	(azaltma	Nq=	31.82x1.000 =		31.82)	0.00	-10.94	-11.79	30.80	29.23	-1.66	-1.79	12.85	12.20
Alt	Mx	-36.74	-7.76	-3.51	-3.69	-4.40	-4.91	-5.10	0.00	-3.32	-3.56	7.47	7.02	-.51	-.54	3.12	2.93
Alt	My	30.03	6.83	2.79	3.65	4.09	4.03	4.76	0.00	-.62	1.72	34.73	39.07	-.18	.20	14.39	16.30
SB12	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB13	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB14	N	167.06	35.13	(azaltma	Nq=	35.13x1.000 =		35.13)	0.00	-49.64	-50.92	21.38	19.02	-7.57	-7.77	9.00	7.99
Alt	Mx	-40.81	-8.58	-3.88	-4.14	-4.83	-5.43	-5.76	0.00	-12.72	-13.07	5.15	4.51	-1.94	-2.00	2.17	1.90
Alt	My	51.89	11.77	4.79	6.27	7.09	6.96	8.07	0.00	-3.56	.66	39.89	47.70	-.69	-.02	16.23	19.66
SB15	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB16	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB17	N	99.05	20.60	(azaltma	Nq=	20.60x1.000 =		20.60)	0.00	-54.08	-54.47	10.92	10.21	-8.24	-8.30	4.58	4.28
Alt	Mx	14.17	2.95	1.34	1.42	1.65	1.86	2.01	0.00	7.57	7.62	-1.59	-1.51	1.15	1.16	-.66	-.63
Alt	My	11.42	2.63	1.10	1.38	1.57	1.57	1.80	0.00	-1.54	-.28	8.42	10.75	-.28	-.08	3.38	4.41
SB18	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB19	N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt	My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOPLAM	N	1286.	289.														

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TEMEL STATÝK HESAP SONUÇLARI

M1 MUTEMADI TEMELI B/D= 20/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	2.33	.48	.54	.54	.53	.52	.52	0.00	-1.82	-1.83	.37	.35	-.28	-.28	.15	.15
	Sag V	28.05	5.83						0.00	21.91			3.34	Mac=	0.00	(tm)Xac=	0.00m
SB17	Gz	21.45	4.49	4.75	4.77	4.73	4.67	4.65	0.00	15.45	15.40	4.17	4.27	2.36	2.35	1.73	1.78
	Sol M	-16.50	-3.43	-1.88	-1.96	-2.18	-2.39	-2.52	0.00	-5.75	-5.78	1.22	1.16	-.88	-.88	.51	.49
	Sol V	-70.99	-14.77						0.00	32.56				4.96	Gzmax=	27.59	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm)Xac=	0.00m

M2 MUTEMADI TEMELI B/D= 35/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	25.27	5.31	4.83	4.86	4.93	4.99	5.02	0.00	-4.95	-5.08	2.17	1.93	-.76	-.77	.91	.81
	Sag V	96.67	20.33						0.00	19.71			3.54	Mac=	0.00	(tm)Xac=	0.00m
SB14	Gz	23.77	5.06	4.23	4.35	4.46	4.49	4.60	0.00	4.45	4.35	4.70	5.07	.69	.66	1.94	2.10
	Sol M	15.55	3.27	-.95	-.72	-.09	.44	.74	0.00	17.67	18.14	-7.32	-6.44	2.70	2.77	-3.09	-2.71
	Sol V	-70.39	-14.80						0.00	31.21				5.47	Gzmax=	28.83	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm)Xac=	0.00m

M3 MUTEMADI TEMELI B/D= 35/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	22.77	4.81	4.37	4.39	4.47	4.52	4.54	0.00	-1.04	-1.12	3.12	2.97	-.16	-.17	1.30	1.24
	Sag V	87.11	18.41						0.00	12.09			5.04	Mac=	0.00	(tm)Xac=	0.00m
SB11	Gz	20.22	4.31	3.72	3.79	3.87	3.90	3.97	0.00	.93	1.08	5.13	5.32	.15	.16	2.13	2.22
	Sol M	13.97	2.95	-.86	-.70	-.07	.39	.56	0.00	4.36	4.68	-10.58	-9.98	.66	.71	-4.42	-4.17
	Sol V	-63.46	-13.41						0.00	18.71				7.81	Gzmax=	24.52	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm)Xac=	0.00m

M4 MUTEMADI TEMELI B/D= 30/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	5.68	1.20	1.12	1.10	1.13	1.14	1.12	0.00	-.03	-.10	7.04	6.91	-.01	-.02	2.92	2.87
	Sag V	21.93	4.64						0.00	27.41			11.39	Mac=	0.00	(tm)Xac=	0.00m
SB07	Gz	6.49	1.39	1.10	1.12	1.18	1.19	1.21	0.00	.11	.14	7.69	7.63	.02	.02	3.20	3.18
	Sol M	4.83	1.02	-.03	-.27	.11	.29	.06	0.00	.89	1.18	-24.84	-24.30	.14	.19	-10.32	-10.09
	Sol V	-20.96	-4.43						0.00	45.88				19.06	Gzmax=	10.39	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm)Xac=	0.00m

M5 MUTEMADI TEMELI B/D= 35/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	1.98	.47	.51	.51	.50	.50	.50	0.00	2.45	2.43	3.07	3.05	.38	.37	1.27	1.26
	Sag V	15.00	3.54						0.00	23.20			9.61	Mac=	0.00	(tm)Xac=	0.00m
SB04	Gz	7.33	1.71	1.75	1.81	1.76	1.75	1.79	0.00	8.19	8.17	11.90	11.65	1.26	1.25	4.96	4.86
	Sol M	-16.86	-3.99	-2.22	-1.86	-2.57	-2.69	-2.35	0.00	12.10	12.08	14.60	14.55	1.86	1.86	6.04	6.03
	Sol V	-46.65	-11.02						0.00	48.93				20.27	Gzmax=	13.97	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm)Xac=	0.00m

M6 MUTEMADI TEMELI B/D= 30/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	4.79	1.20	1.12	1.11	1.14	1.14	1.13	0.00	3.83	3.77	2.21	2.11	.59	.58	.92	.88
	Sag V	31.25	7.85						0.00	25.14			6.06	Mac=	0.00	(tm)Xac=	0.00m
SB01	Gz	11.92	3.00	2.72	2.70	2.78	2.80	2.78	0.00	9.48	9.15	6.40	5.78	1.46	1.41	2.71	2.44
	Sol M	3.99	1.00	-.07	-.19	.18	.22	.10	0.00	-13.23	-13.03	-7.71	-7.34	-2.03	-2.00	-3.22	-3.07
	Sol V	-29.32	-7.37						0.00	41.21				9.97	Gzmax=	16.26	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm)Xac=	0.00m

EK - 14

MEVCUT BİNANIN ZEMİN SINIFI 2'YE GÖRE STA4-CAD

ANALİZ SONUÇLARI

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ÇOK KATLI BETONARME YAPILARIN STATÝK ve BETONARME ANALÝZ PROGRAMI Ver.8.1 (code:GQS)

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PROJE ÝSMÝ.....:TEZz2
KAT ADEDI.....: 10
Bir kattaki KOLON SAYISI.....: 19
X yönü aks sayisi.....: 20
Y yönü aks sayisi.....: 11
DEPREM KATSAYISI.....(Ao).: .4
      YAPI TÝPÝ KATSAYISI.....(R)..: 4
      YAPI ÖNEM KATSAYISI.....(I)..: 1
      ZEMÝN HAKÝM TÝTREMÝM PERYODU.....(To).: .15 - .4
      HAREKETLÝ YÜK KATSAYISI.....(n)..: .3
      SIFIR RÖLATÝF HAREKET YÜKSEKLÝ'Ý (m)..: 0
ZEMÝN EMNÝYET GERÝLMESÝ..... (t/m²)..: 20
ZEMÝN YATAK KATSAYISI..... (t/m3)..: 2000
BETONARME HESAP YÖNTEMÝ .....:TARIMA GÜCÜ YÖNTEMÝ (TS 500, 1984) (Deprem kontrolu ile betonarme hesabi)
BETONARME KESÝT DONATI HESAP YÖNTEMÝ .....:BRÜT KESÝTE GÖRE
DEPREM HESABI YÖNTEMÝ .....:MOD SÜPERPOZÝSYONU ÝLE DÝNAMÝK ANALÝZ
TEMEL ANALIZ OPSIYONU.....:TUM TEMEL DEPLASMANLARI DIKKATE ALINMASI
Zemin gerilmesi hareketli yük azaltma degeri.: 1.00
Zemin gerilmesi deprem azaltmasi.....: 0.50
Zemin gerilmesi rüzgar azaltmasi.....: 0.25
Kolonun oturdugu kiris tesir carpan.....: 1.50
Kiriş & Kolon rijitlik bolgesi opsiyonu.....: Rijit davranis
Kiris uclarinda elastik ankastrelik opsiyonu : Elastik ankastre

BETON ve ÇELÝK MALZEME BÝLGÝLERÝ
                                          Kiriş\Kolon      Döşeme        Temel
Beton dayanım gerilmesi (kg/cm²).:              160          160          160
Çelik  akma   gerilmesi (kg/cm²).:             2200         2200         2200
Çelik  akma   gerilmesi (kg/cm²).:  (etriye)   2200                      2200

TARIMA GÜCÜ MALZEME KATSAYILARI          :
          BETON .....:                          1.50
          ÇELÝK .....:                          1.15
TARIMA GÜCÜ YÜK KATSAYILARI              :
          DAÝMÝ YÜK ÝÇÝN                 :      1.40
          HAREKETLÝ YÜK ÝÇÝN             :      1.60
ELASTISITE MODULU  (kg/cm²)
 BS16    E1=     270000      G1=   108000
```

BETONARME HESAP YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.40	1.60	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00
1.40	0.00	0.00	0.00	0.00
1.00	1.00	0.00	1.00	0.00
1.00	1.00	1.00	1.00	0.00
0.90	0.00	0.00	1.00	0.00
1.00	1.30	0.00	0.00	1.30
1.00	1.30	1.00	0.00	1.30
0.90	0.00	0.00	0.00	1.30
0.90	0.00	0.90	0.00	1.30

CODE:TS500T.COD

ZEMIN GERILMESI YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.00	0.00	0.00	0.00	0.00
1.00	0.00	1.00	0.00	0.00
0.67	0.00	0.67	0.67	0.00
0.80	0.00	0.80	0.00	0.80

YAPI AKS BÝLGÝLERÝ

X yönü aks bilgileri

no	Ax	Bx
1	0.00	0.00
2	0.00	3.80
3	0.00	6.60
4	0.00	11.25
5	0.00	14.15
6	0.00	18.15
7	0.00	7.90
8	0.00	19.45
9	0.00	2.80
10	0.00	15.15
11	0.00	1.40
12	0.00	2.75
13	0.00	4.75
14	0.00	5.60
15	0.00	7.60
16	0.00	10.20
17	0.00	12.70
18	0.00	13.20
19	0.00	16.20
20	0.00	16.70

Y yönü aks bilgileri

no	Ay	By
1	0.00	0.00
2	0.00	3.20
3	0.00	3.75
4	0.00	4.80
5	0.00	6.00
6	0.00	8.00
7	0.00	2.05
8	0.00	6.15
9	0.42	3.20
10	-0.34	7.07
11	0.19	1.07

1. KAT KOLONLARI AKS BÝLGÝLERÝ

Kolon no	X aksi	Y aksi	dx	dy	alt yük.	Kolon no	X aksi	Y aksi	dx	dy	alt yük.
101	6	1	0	-0	0.00	102	6	3	0	-0	0.00
103	6	6	0	0	0.00	104	5	1	-0	-0	0.00
105	5	3	-0	-0	0.00	106	5	6	-0	0	0.00
107	4	1	0	-0	0.00	108	4	2	0	-0	0.00
109	4	5	0	0	0.00	110	4	6	0	0	0.00
111	3	1	0	-0	0.00	112	3	4	0	0	0.00
113	3	6	0	0	0.00	114	2	1	0	-0	0.00
115	2	4	0	0	0.00	116	2	6	0	0	0.00
117	1	1	-0	-0	0.00	118	1	2	-0	-13	0.00
119	1	6	-0	0	0.00	120	0	0	0	0	0.00

DÖŞEME YÜK ANALİZİ

MARLEY KAP. OD						
Kaplama (MARLEY)	.050	t/m²	x	.003	m	.000
Kaplama harcı	2.200	t/m²	x	.020	m	.044
Tesviye betonu	2.000	t/m²	x	.030	m	.060
Sıva	2.200	t/m²	x	0.000	m	.044
TOPLAM						.148
FAYANS KAP. OD						
Kaplama (FAYANS)	2.200	t/m²	x	.010	m	.022
Kaplama harcı	2.200	t/m²	x	.020	m	.044
Tesviye betonu	2.000	t/m²	x	.030	m	.060
Sıva	2.200	t/m²	x	0.000	m	.044
TOPLAM						.170
KARO KAP. ODA						
Kaplama (KARO MOZAIK)	2.200	t/m²	x	.020	m	.044
Kaplama harcı	2.200	t/m²	x	.020	m	.044
Tesviye betonu	2.000	t/m²	x	.040	m	.080
Sıva	2.200	t/m²	x	0.000	m	.044
TOPLAM						.212
DÜŞÜK DÖŞEME						
Kaplama (FAYANS)	2.200	t/m²	x	.010	m	.022
Kaplama harcı	2.200	t/m²	x	.030	m	.066
Tesviye betonu	2.000	t/m²	x	.050	m	.100
Sıva	2.200	t/m²	x	0.000	m	.044
Dolgu	1.500	t/m³	x	.200	m	.300
TOPLAM						.532
ÇATI DÖŞEMESİ						
Kaplama (IZOLASYON)	.100	t/m²	x	.050	m	.005
Tesviye betonu	2.000	t/m²	x	.050	m	.100
Sıva	2.200	t/m²	x	0.000	m	.044
TOPLAM						.149
MERDIVEN						
Kaplama (MERMER)	2.200	t/m²	x	.020	m	.044
Kaplama harcı	2.200	t/m²	x	.020	m	.044
Tesviye betonu	2.000	t/m²	x	.030	m	.060
Sıva	2.200	t/m²	x	0.000	m	.044
TOPLAM						.192

(Döşeme zatileri, döşeme yük hesabında ilave edilecek)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. 23:30:03

DEPREM RAPORU
Deprem yuku eksantirisitesi : 0.050
Dinamik Analiz min. deprem yuku orani ß : 0.9
DÜKTÝLÝTE KATSAYISI : 5

DÝNAMÝK ANALÝZ BÝLGÝLERÝ
SPECTURUM BÝLGÝSÝ

T (s)	Sa (m/s²) Ao.I.S(t)
0.00	4.000
0.15	10.000
0.40	10.000
0.50	8.364
0.60	7.228
0.70	6.392
0.80	5.744
0.90	5.228
1.00	4.804
1.10	4.452
1.20	4.152
1.30	3.896
1.40	3.672
1.50	3.472
1.60	3.300
1.70	3.144
1.80	3.004
1.90	2.876
2.00	2.800
5.00	2.800

YAPI PERYODLARI

mod	Tx (s)	Ty (s)	Tθ (s)
1	1.848798	2.440484	1.572017
2	0.500349	0.492410	0.467799
3	0.295098	0.294641	0.276579
4	0.203893	0.210064	0.201463
5	0.168054	0.166941	0.162011
6	0.140638	0.149267	0.147475
7	0.114756	0.129894	0.129023

X YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0458	0.1120	0.1378	0.2043	0.1142	0.2568	0.4071
2	0.0917	0.2073	0.2366	0.3076	0.1553	0.2989	0.3694
3	0.1379	0.2896	0.2966	0.3124	0.1281	0.1633	0.0292
4	0.1903	0.3459	0.2662	0.1173	-0.0141	-0.1823	-0.4073
5	0.2445	0.3542	0.1085	-0.2276	-0.1799	-0.3473	-0.1461
6	0.3012	0.2922	-0.1487	-0.4298	-0.1369	0.0875	0.5354
7	0.3636	0.1044	-0.4263	-0.0590	0.2247	0.5176	-0.4213
8	0.4184	-0.1215	-0.3654	0.4169	0.1146	-0.5211	0.2042
9	0.4717	-0.4289	0.2327	0.1286	-0.5199	0.2777	-0.0566
10	0.5040	-0.5661	0.6024	-0.5674	0.7491	-0.2000	0.0254
M %	78.03	12.30	2.99	2.25	0.45	0.99	1.34 = 98.35

ΣMxr=Σ[(Σm.Φ)²/Mr]= 1350.05 > 0.90 x Σm= 1235.37 (t) Dinamik kutle orani yeterli.

Y YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0314	0.0914	0.1133	0.1830	0.1341	0.1892	0.3555
2	0.0765	0.1965	0.2224	0.3053	0.1883	0.2314	0.3473
3	0.1233	0.2939	0.3023	0.3462	0.1648	0.1554	0.1114
4	0.1802	0.3620	0.2792	0.1386	-0.0421	-0.1474	-0.3596
5	0.2378	0.3790	0.1152	-0.2352	-0.2439	-0.2785	-0.2121
6	0.2970	0.3122	-0.1750	-0.4497	-0.0874	0.1426	0.5481
7	0.3603	0.1080	-0.4508	-0.0030	0.3624	0.3365	-0.4374
8	0.4188	-0.1358	-0.3306	0.4498	-0.0855	-0.4861	0.2421
9	0.4758	-0.4161	0.2479	0.0508	-0.4274	0.4557	-0.1032
10	0.5188	-0.5397	0.5920	-0.5213	0.7274	-0.4580	0.0730
M %	75.46	13.33	2.80	2.68	0.70	0.85	1.47 = 97.29

ΣMyr=Σ[(Σm.Φ)²/Mr]= 1335.41 > 0.90 x Σm= 1235.37 (t) Dinamik kutle orani yeterli.

BURULMA DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0436	0.1094	0.1237	0.1816	0.1040	0.1943	0.4609
2	0.0866	0.2093	0.2125	0.2685	0.1257	0.2068	0.3749
3	0.1307	0.3036	0.2798	0.3018	0.1086	0.1421	0.1053
4	0.1824	0.3574	0.2445	0.1216	-0.0193	-0.1024	-0.3349
5	0.2371	0.3600	0.0816	-0.2041	-0.1543	-0.2468	-0.2420
6	0.2964	0.2810	-0.1931	-0.3997	-0.0694	0.0689	0.5093
7	0.3650	0.0602	-0.4201	0.0388	0.2466	0.3409	-0.3885
8	0.4225	-0.1838	-0.2455	0.4127	-0.0726	-0.4307	0.2059
9	0.4733	-0.4341	0.3289	-0.0634	-0.2608	0.3516	-0.0769
10	0.5103	-0.5384	0.6423	-0.6418	0.8936	-0.6307	0.0811

YAPI BURULMA KUTLE ATALET MOMENTI Jmass=(Ix+Iy)/A

Kat	A (m²)	Ix (m4)	Iy (m4)	Xg (m)	Yg (m)	Jmass (m²)
1	133.63	677.53	3960.92	9:12	3.78	34.71
2	55.20	294.40	219.01	14.70	4.00	9.30
3	138.96	685.53	4442.29	9.49	3.79	36.90
4	138.96	685.53	4442.29	9.49	3.79	36.90
5	138.96	685.53	4442.29	9.49	3.79	36.90
6	138.96	685.53	4442.29	9.49	3.79	36.90
7	138.96	685.53	4442.29	9.49	3.79	36.90
8	138.96	685.53	4442.29	9.49	3.79	36.90
9	138.96	685.53	4442.29	9.49	3.79	36.90
10	87.94	426.60	1234.01	9.01	3.66	18.88

KAT ve DEPREM KUVVETLERI (t)

Deprem tepe yuku Ftx= 10.44 Fty= 11.04 (t)

Kat no	H (m)	Wg	Wq	Xg (m)	Xr (m)	Yg (m)	Yr (m)	X YÖNÜ Dinamik Analiz	X YÖNÜ Esdeger dep.yön.	X YÖNÜ Minimum Dep.yükü	Y YÖNÜ Dinamik Analiz	Y YÖNÜ Esdeger dep.yön.	Y YÖNÜ Minimum Dep.yükü	Kat tipi
1	2.50	141.07	34.33	9.09	10.20	3.74	4.26	3.237	1.350	3.341	3.079	1.030	3.079	NORMAL
2	5.00	76.67	13.72	13.35	10.03	3.94	4.14	2.590	1.441	2.673	2.714	1.099	2.714	NORMAL
3	7.50	149.99	32.51	9.38	9.95	3.84	4.21	5.943	4.274	6.135	6.015	3.260	6.015	NORMAL
4	10.40	150.28	32.50	9.37	9.82	3.84	4.07	5.983	5.937	6.176	5.587	4.528	5.587	NORMAL
5	13.30	148.39	32.55	9.38	10.28	3.83	4.09	5.365	7.504	5.538	3.783	5.723	3.783	NORMAL
6	16.20	146.68	32.58	9.38	10.66	3.83	4.37	4.971	9.042	5.131	2.246	6.896	2.246	NORMAL
7	19.10	145.06	32.58	9.35	10.07	3.83	3.99	6.743	10.550	6.960	4.085	8.047	4.085	NORMAL
8	22.00	145.06	32.58	9.35	10.07	3.83	3.99	9.853	12.152	10.171	8.173	9.268	8.173	NORMAL
9	24.90	126.96	32.60	9.29	10.01	3.81	4.24	15.618	12.146	16.122	14.326	9.264	14.326	NORMAL
10	27.40	55.68	13.41	9.07	9.75	3.93	4.13	10.033	16.276	10.357	9.508	15.487	9.508	NORMAL
					Toplam yapi			70.337	80.672	72.605	59.517	64.603	59.517	GENEL

Vt=W.A(t)/Ra(t)> 0,10. Ao.I.W 80.67 , 64.60 > 54.91
X Deprem kontrol: 0.90 x 80.672 = 72.605 > 70.337 >>> 72.605
Y Deprem kontrol: 0.90 x 64.603 = 58.143 < 59.517 >>> 59.517

Rüzgar kuvvetleri (t)

Kat no	X-yönü F	X-yönü ey m	Y-yönü F	Y-yönü ex m
1	1.200	9.075	2.723	4.000
2	1.200	14.700	1.035	4.000
3	1.200	9.725	2.918	4.000
4	2.227	9.725	5.415	4.000
5	2.227	9.725	5.415	4.000
6	2.227	9.725	5.415	4.000
7	2.227	9.725	5.415	4.000
8	3.062	9.725	7.445	4.000
9	3.062	9.725	7.445	4.000
10	2.640	8.975	4.076	4.000

Kat Deprem deplasmanlari

Kat no	X YÖNÜ 9. yükleme δx (m)	X YÖNÜ 9. yükleme θz (rad)	X YÖNÜ 10. yükleme δx (m)	X YÖNÜ 10. yükleme θz (rad)	Y YÖNÜ 11. yükleme δy (m)	Y YÖNÜ 11. yükleme θz (rad)	Y YÖNÜ 12. yükleme δy (m)	Y YÖNÜ 12. yükleme θz (rad)
1	-.0076189	-.0000687	-.0075482	0.0000508	-.0075233	0.0003038	-.0079222	0.0005192
2	-.0151902	-.0001490	-.0150567	0.0000861	-.0181521	0.0006967	-.0192418	0.0011203
3	-.0227784	-.0002321	-.0225769	0.0001208	-.0291517	0.0010935	-.0309528	0.0017300
4	-.0313162	-.0003502	-.0310483	0.0001394	-.0423873	0.0014639	-.0450160	0.0023445
5	-.0400999	-.0004571	-.0397723	0.0001759	-.0557256	0.0018175	-.0590767	0.0029513
6	-.0493723	-.0005868	-.0489663	0.0002038	-.0695116	0.0021753	-.0735339	0.0035872
7	-.0599827	-.0006871	-.0595332	0.0002962	-.0847716	0.0025027	-.0895238	0.0042629
8	-.0698271	-.0007823	-.0693361	0.0003759	-.0995339	0.0028391	-.1050164	0.0049219
9	-.0803154	-.0008282	-.0797822	0.0005054	-.1146300	0.0031641	-.1208388	0.0055680
10	-.0867339	-.0010441	-.0861727	0.0004348	-.1258181	0.0036136	-.1327836	0.0062556

Deprem yapi salinimi: x= 0.00317 y= 0.00459

DEPREM PERDELERI TABAN MOMENT KONTROLU

Perde taban momenti Perde	Mx	ΣMxk = ΣMxr	My	ΣMyk = ΣMyr	kat	kat deprem momenti (tm) Fx	Fx . H	Fy	Fy . H	
					1	3.34	8.35	3.08	7.70	
					2	2.67	13.37	2.71	13.57	
					3	6.14	46.01	6.02	45.11	
					4	6.18	64.23	5.59	58.10	
					5	5.54	73.66	3.78	50.32	
					6	5.13	83.13	2.25	36.39	
					7	6.96	132.94	4.08	78.02	
					8	10.17	223.75	8.17	179.81	
					9	16.12	401.44	14.33	356.73	
					10	10.36	283.78	9.51	260.52	
TOPLAM	0.00	0.00	0.00	0.00			1330.66		1086.28	

X yonu am = 0.00 / 1330.66 = 0.00
Y yonu am = 0.00 / 1086.28 = 0.00
Toplam 19 kolondan, 0 adedi perde olarak kullanilmistir.

YUKSEK SUNEKLI YAPILARDA; R=8 olmalidir.
NORMAL SUNEKLI YAPILARDA; R=4 olmalidir.

DEPREMDE YAPI DUZENSIZLIKLERININ KONTROLU
A1,B2 duzensizliklerinin kontrolu
X YÖNÜ max(di/hi)=0.0035, 0.02/R = 0.0040
1. kat X dust = 0.0076189 + 0.0000687 x (0.10 - 4.26)= 0.0076257 (S 117)
1. kat X dalt = 0.0076189 + 0.0000687 x (7.85 - 4.26)= 0.0071493 (S 103)
2. kat X dust = 0.0151902 + 0.0001490 x (0.10 - 4.14) - 0.0076257 = 0.0072373
2. kat X dalt = 0.0151902 + 0.0001490 x (7.85 - 4.14) - 0.0071493 = 0.0073816

Kat	X dust(m)	X dalt(m)	X ort	nbi	nki	X dep/h	θi	kat tipi
1	0.0076257	0.0071493	0.0073875	1.03	1.01	0.00305	0.05587	Normal kat
2	0.0072373	0.0073816	0.0073094	1.01	1.00	0.00295	0.05155	Normal kat
3	0.0072524	0.0073905	0.0073214	1.01	0.89	0.00296	0.05016	Normal kat
4	0.0080518	0.0084031	0.0082275	1.02	0.97	0.00290	0.04602	Normal kat
5	0.0083589	0.0085840	0.0084715	1.01	0.95	0.00296	0.04417	Normal kat
6	0.0087549	0.0090878	0.0089214	1.02	0.87	0.00313	0.04182	Normal kat
7	0.0101814	0.0102410	0.0102112	1.00	1.08	0.00353	0.04086	Normal kat
8	0.0094740	0.0094912	0.0094826	1.00	0.94	0.00327	0.03134	Normal kat
9	0.0103099	0.0099396	0.0101247	1.02	1.66	0.00356	0.02590	Normal kat
10	0.0055251	0.0066487	0.0060869	1.09	0.00	0.00266	0.01403	Normal kat

Y YÖNÜ

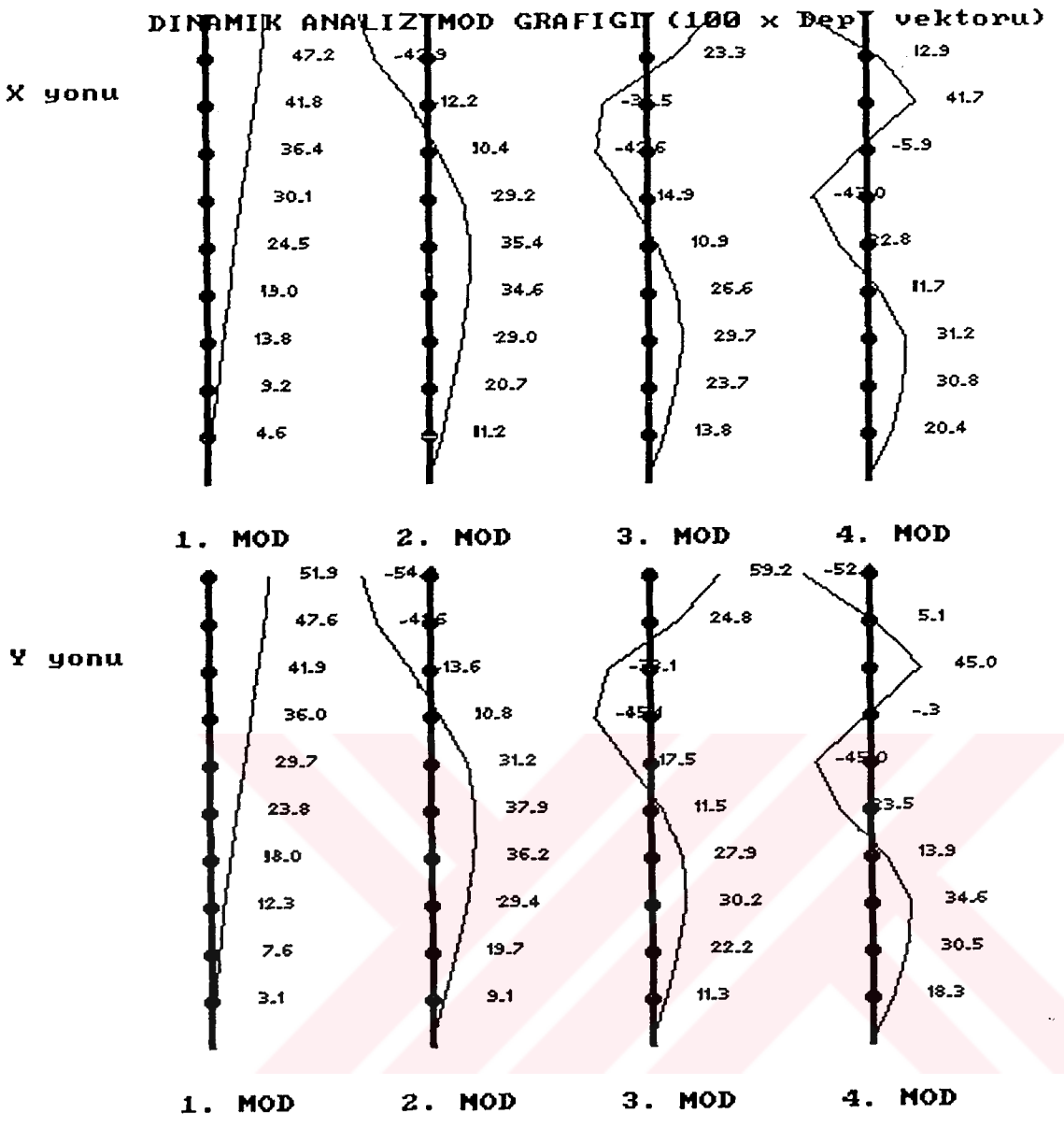
Kat	Y dsol(m)	Y dsag(m)	Y ort	nbi	nki	Y dep/h	θi	kat tipi
1	0.0105781	0.0051538	0.0078659	1.34	0.72	0.00423	0.07256	Normal kat
2	0.0144592	0.0074463	0.0109528	1.32	0.97	0.00578	0.09480	Normal kat
3	0.0148267	0.0077330	0.0112798	1.31	0.84	0.00593	0.09578	Normal kat
4	0.0166867	0.0100648	0.0133757	1.25	0.93	0.00575	0.09481	Normal kat
5	0.0176014	0.0112625	0.0144319	1.22	0.96	0.00607	0.09696	Normal kat
6	0.0182566	0.0118339	0.0150453	1.21	1.05	0.00630	0.08966	Normal kat
7	0.0172437	0.0113664	0.0143051	1.21	0.95	0.00595	0.06917	Normal kat
8	0.0181186	0.0120781	0.0150983	1.20	0.99	0.00625	0.05714	Normal kat
9	0.0181288	0.0122952	0.0152120	1.19	1.42	0.00625	0.04323	Normal kat
10	0.0131005	0.0083369	0.0107187	1.22	0.00	0.00524	0.02692	Normal kat

TDY 6.3.2.1 A1 burulma duzensizligi: 1.2< nbi= 1.345 <2 , dinamik analizle cozulmustur
TDY 6.3.2.1 B2 duzensizligi saglanmamasi nedeniyle dinamik analizle cozulmustur
TDY 6.20 kosulu saglanmamaktadir. 0.0063 > 0.0035
TDY 6.21 kosulu saglanmaktadir. max θi= .097 < 0.12

B1-Dusey dogrultudaki duzensizliklerinin kontrolu

Kat	Aw	Agx	Agy	ΣAex	ΣAey	ncix	nciy	ACIKLAMA
1	3.23	0.00	0.00	3.23	3.23	1.09	1.09	Duzenli
2	2.97	0.00	0.00	2.97	2.97	1.10	1.10	Duzenli
3	2.69	0.00	0.00	2.69	2.69	1.19	1.19	Duzenli
4	2.27	0.00	0.00	2.27	2.27	1.20	1.20	Duzenli
5	1.88	0.00	0.00	1.88	1.88	1.23	1.23	Duzenli
6	1.53	0.00	0.00	1.53	1.53	1.32	1.32	Duzenli
7	1.16	0.00	0.00	1.16	1.16	1.00	1.00	Duzenli
8	1.16	0.00	0.00	1.16	1.16	1.31	1.31	Duzenli
9	0.89	0.00	0.00	0.89	0.89	1.59	1.59	Duzenli
10	0.56	0.00	0.00	0.56	0.56	1.00	1.00	ust kat

A4 duzensizligi bulunmamistir.


DINAMIK ANALIZ MOD GRAFIGI (100 x Dep vektoru)
X yonu
47.2
41.8
36.4
30.1
24.5
19.0
13.8
9.2
4.6
12.2
10.4
29.2
35.4
34.6
29.0
20.7
11.2
23.3
14.9
10.9
26.6
29.7
23.7
13.8
12.9
41.7
5.9
2.8
11.7
31.2
30.8
20.4
1. MOD
2. MOD
3. MOD
4. MOD
Y yonu
51.9
47.6
41.9
36.0
29.7
23.8
18.0
12.3
7.6
3.1
13.6
10.8
31.2
37.9
36.2
29.4
19.7
9.1
24.8
17.5
11.5
27.9
30.2
22.2
11.3
5.1
45.0
13.9
34.6
30.5
18.3
1. MOD
2. MOD
3. MOD
4. MOD

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK2.ST4

TEMELLERE GELEN KOLON YUKLERI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SB01 N	77.06	19.35	(azaltma	Nq=	19.35x1.000 =		19.35)	0.00	43.03	42.34	19.22	17.97	11.88	11.69	14.56	13.57
Alt Mx	-11.09	-2.78	-1.30	-1.19	-1.67	-1.72	-1.60	0.00	6.01	5.90	2.73	2.54	1.66	1.63	2.07	1.92
Alt My	-5.17	-1.42	-.65	-.67	-.80	-.89	-.95	0.00	1.19	0.00	5.30	3.15	.41	.06	4.38	2.63
SB02 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB03 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB04 N	59.25	14.00	(azaltma	Nq=	14.00x1.000 =		14.00)	0.00	34.29	34.29	42.81	42.82	9.47	9.47	31.99	32.03
Alt Mx	14.18	3.36	1.65	1.23	1.97	2.09	1.70	0.00	-8.88	-8.92	-10.43	-10.50	-2.45	-2.47	-7.79	-7.85
Alt My	17.17	3.61	1.43	1.97	2.22	2.11	2.47	0.00	-.18	-1.16	15.64	13.85	.02	-.27	12.23	10.75
SB05 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB06 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB07 N	15.40	2.69	(azaltma	Nq=	2.69x1.000 =		2.69)	0.00	-7.90	-8.35	48.12	47.31	-2.24	-2.36	36.09	35.45
Alt Mx	-3.78	-.66	-.40	-.07	-.32	-.46	-.14	0.00	-2.54	-2.68	11.61	11.34	-.72	-.76	8.72	8.50
Alt My	35.12	7.85	3.34	4.01	4.64	4.73	5.33	0.00	-1.25	-.97	15.21	15.69	-.36	-.28	11.54	11.90
SB08 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB09 N	691.57	160.16	(azaltma	Nq=	160.16x1.000 =		160.16)	0.00	-6.59	-3.98	-141.08	-136.42	-1.96	-1.25	-106.06	-102.44
Alt Mx	52.79	12.71	5.58	6.16	7.58	7.78	8.12	0.00	-42.62	-41.19	6.08	8.64	-12.15	-11.74	4.24	6.30
Alt My	220.26	50.46	21.37	25.94	29.98	30.45	34.18	0.00	-8.64	-7.01	96.03	98.92	-2.47	-2.05	72.95	75.09
SB10 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB11 N	165.27	34.86	(azaltma	Nq=	34.86x1.000 =		34.86)	0.00	-1.25	-1.70	15.15	14.34	-.32	-.44	11.41	10.80
Alt Mx	-40.06	-8.45	-3.80	-4.05	-4.80	-5.34	-5.56	0.00	-.93	-1.07	3.65	3.38	-.25	-.29	2.76	2.55
Alt My	36.74	8.35	3.47	4.36	4.98	4.96	5.72	0.00	-1.09	.37	19.43	22.05	-.39	.02	14.55	16.68
SB12 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB13 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB14 N	179.04	37.78	(azaltma	Nq=	37.78x1.000 =		37.78)	0.00	-28.70	-29.55	9.81	8.29	-7.86	-8.09	7.49	6.27
Alt Mx	-43.48	-9.17	-4.14	-4.44	-5.18	-5.80	-6.18	0.00	-7.55	-7.79	2.34	1.90	-2.07	-2.14	1.79	1.44
Alt My	60.50	13.72	5.64	7.22	8.25	8.14	9.32	0.00	-3.09	-.47	22.55	27.27	-1.02	-.27	16.59	20.41
SB15 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB16 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB17 N	98.11	20.49	(azaltma	Nq=	20.49x1.000 =		20.49)	0.00	-32.89	-33.05	5.99	5.70	-8.98	-9.02	4.54	4.32
Alt Mx	13.94	2.91	1.33	1.39	1.62	1.84	1.98	0.00	4.54	4.55	-.87	-.84	1.24	1.24	-.65	-.64
Alt My	11.74	2.70	1.13	1.40	1.61	1.62	1.84	0.00	-1.07	-.36	4.38	5.65	-.34	-.13	3.19	4.22
SB18 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SB19 N	0.00	0.00	(azaltma	Nq=	0.00x1.000 =		0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alt My	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOPLAM N	1286.	289.														

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITK2.ST4

TEMEL STATYK HESAP SONUCLARI

M1 MUTEMADI TEMELI B/D= 20/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	2.28	.48	.53	.53	.52	.51	.51	0.00	-1.09	-1.09	.20	.19	-.30	-.30	.15	.14
	Sag V	27.83	5.81						0.00	13.28			3.62	Mac=	0.00	(tm) Xac=	0.00m
SB17	Gz	21.34	4.49	4.74	4.75	4.72	4.66	4.64	0.00	9.40	9.36	2.26	2.34	2.57	2.56	1.69	1.77
	Sol M	-16.22	-3.39	-1.86	-1.92	-2.15	-2.35	-2.49	0.00	-3.45	-3.46	.67	.65	-.94	-.94	.50	.49
	Sol V	-70.28	-14.68						0.00	19.77				5.40	Gzmax=	25.83	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm) Xac=	0.00m

M2 MUTEMADI TEMELI B/D= 35/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	27.09	5.72	5.19	5.22	5.30	5.37	5.41	0.00	-2.83	-2.92	.99	.85	-.78	-.80	.76	.64
	Sag V	103.69	21.88						0.00	11.33			3.10	Mac=	0.00	(tm) Xac=	0.00m
SB14	Gz	25.83	5.52	4.58	4.72	4.84	4.88	4.99	0.00	2.64	2.52	2.47	2.68	.73	.70	1.84	2.01
	Sol M	16.39	3.45	-1.05	-.78	-.12	.44	.77	0.00	10.38	10.71	-3.33	-2.75	2.85	2.94	-2.55	-2.08
	Sol V	-75.35	-15.90						0.00	18.22				4.99	Gzmax=	31.35	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm) Xac=	0.00m

M3 MUTEMADI TEMELI B/D= 35/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	25.00	5.27	4.79	4.82	4.89	4.95	4.97	0.00	-.06	-.10	1.53	1.46	-.01	-.02	1.15	1.10
	Sag V	95.68	20.18						0.00	5.94			4.47	Mac=	0.00	(tm) Xac=	0.00m
SB11	Gz	22.46	4.78	4.10	4.18	4.28	4.32	4.39	0.00	.14	.12	2.70	2.82	.04	.03	2.02	2.13
	Sol M	15.06	3.17	-.99	-.77	-.10	.39	.59	0.00	.99	1.18	-5.18	-4.84	.27	.32	-3.91	-3.65
	Sol V	-69.58	-14.68						0.00	9.21				6.94	Gzmax=	27.24	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm) Xac=	0.00m

M4 MUTEMADI TEMELI B/D= 30/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	2.05	.36	.34	.31	.33	.34	.32	0.00	-.71	-.75	4.61	4.54	-.20	-.21	3.46	3.40
	Sag V	7.92	1.38						0.00	17.98			13.48	Mac=	0.00	(tm) Xac=	0.00m
SB07	Gz	3.80	.77	.48	.50	.56	.57	.59	0.00	.69	.71	4.89	4.86	.20	.20	3.68	3.65
	Sol M	1.73	.30	.06	-.25	-.01	.12	-.18	0.00	3.24	3.43	-10.22	-15.88	.92	.97	-12.17	-11.91
	Sol V	-7.48	-1.31						0.00	30.14				22.61	Gzmax=	6.31	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm) Xac=	0.00m

M5 MUTEMADI TEMELI B/D= 35/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	1.91	.45	.49	.50	.48	.48	.49	0.00	1.49	1.49	1.85	1.85	.41	.41	1.38	1.38
	Sag V	14.47	3.42						0.00	13.91			10.41	Mac=	0.00	(tm) Xac=	0.00m
SB04	Gz	7.47	1.74	1.73	1.79	1.75	1.74	1.79	0.00	4.94	5.00	7.04	6.94	1.36	1.38	5.30	5.22
	Sol M	-16.09	-3.81	-2.14	-1.73	-2.46	-2.57	-2.19	0.00	7.39	7.43	8.59	8.66	2.04	2.05	6.41	6.47
	Sol V	-44.78	-10.58						0.00	28.91				21.62	Gzmax=	10.84	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm) Xac=	0.00m

M6 MUTEMADI TEMELI B/D= 30/ 80 AMPATMAN Bo/Do= 815/ 20

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
	Sol M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sol V	0.00	0.00						0.00	0.00				0.00			
	Sag M	6.14	1.54	1.43	1.42	1.46	1.46	1.45	0.00	2.50	2.47	1.11	1.04	.69	.68	.84	.79
	Sag V	39.71	9.97						0.00	16.33			5.51	Mac=	0.00	(tm) Xac=	0.00m
SB01	Gz	14.77	3.72	3.41	3.39	3.48	3.50	3.49	0.00	6.15	5.93	3.23	2.84	1.70	1.64	2.48	2.17
	Sol M	4.95	1.24	-.13	-.23	.21	.26	.15	0.00	-8.51	-8.37	-3.85	-3.58	-2.35	-2.31	-2.92	-2.70
	Sol V	-37.35	-9.38						0.00	26.70				9.05	Gzmax=	18.49	(t/m²)
	Sag M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sag V	0.00	0.00						0.00	0.00			0.00	Mac=	0.00	(tm) Xac=	0.00m

EK - 15

GÜÇLENDİRİLEN BİNANIN ZEMİN SINIFI 2'YE GÖRE STA4-CAD

ANALİZ SONUÇLARI

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. 11:21:30

©STA4-CAD PROGRAMI

ÇOK KATLI BETONARME YAPILARIN STATÝK ve BETONARME ANALÝZ PROGRAMI Ver.8.1 (code:GQS)

PROJE ÝSMÝ.....:TEZZ2
KAT ADEDI.....: 10
Bir kattaki KOLON SAYISI.....: 22
X yönü aks sayisi.....: 20
Y yönü aks sayisi.....: 8
DEPREM KATSAYISI.....(Ao)..: .4
YAPI TÝPÝ KATSAYISI.....(R)..: 5
YAPI ÖNEM KATSAYISI.....(I)..: 1
ZEMÝN HAKÝM TÝTREÞÝM PERYODU.....(To)..: .15 - .4
HAREKETLÝ YÜK KATSAYISI.....(n)..: .3
SIFIR RÖLATÝF HAREKET YÜKSEKLÝ*Ý (m)..: 0
ZEMÝN EMNÝYET GERÝLMESÝ..... (t/m²)..: 20
ZEMÝN YATAK KATSAYISI..... (t/m3)..: 2000
BETONARME HESAP YÖNTEMÝ .....:TARIMA GÜCÜ YÖNTEMÝ (TS 500, 1984) (Deprem kontrolu ile betonarme hesabi)
BETONARME KESÝT DONATI HESAP YÖNTEMÝ .....:BRÜT KESÝTE GÖRE
DEPREM HESABI YÖNTEMÝ .....:MOD SÜPERPOZÝSYONU ÝLE DÝNAMÝK ANALÝZ
TEMEL ANALIZ OPSIYONU.....:TUM TEMEL DEPLASMANLARI DIKKATE ALINMASI
Zemin gerilmesi hareketli yük azaltma degeri..: 1.00
Zemin gerilmesi deprem azaltmasi.....: 0.50
Zemin gerilmesi rüzgar azaltmasi.....: 0.25
Kolonun oturdugu kiris tesir carpan.....: 1.50
Kiriþ & Kolon rijitlik bolgesi opsiyonu.....: Rijit davranis
Kiris uclarinda elastik ankastrelik opsiyonu : Elastik ankastre

BETON ve ÇELÝK MALZEME BÝLGÝLERÝ

		Kiriþ\Kolon	Döþeme	Temel
Beton dayanim gerilmesi (kg/cm²).:		200\ 160	160	160
Çelik akma gerilmesi (kg/cm²).:		4200	2200	4200
Çelik akma gerilmesi (kg/cm²).:	(etriye)	4200		4200

TARIMA GÜCÜ MALZEME KATSAYILARI :
BETON .....: 1.50
ÇELÝK .....: 1.15
TARIMA GÜCÜ YÜK KATSAYILARI :
DAÞMÝÞ YÜK ÝÇÝN : 1.40
HAREKETLÝ YÜK ÝÇÝN : 1.60
ELASTISITE MODULU (kg/cm²)
BS16 E1= 270000 G1= 108000
BS20 E2= 285000 G2= 114000

BETONARME HESAP YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.40	1.60	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00
1.40	0.00	0.00	0.00	0.00
1.00	1.00	0.00	1.00	0.00
1.00	1.00	1.00	1.00	0.00
0.90	0.00	0.00	1.00	0.00
1.00	1.30	0.00	0.00	1.30
1.00	1.30	1.00	0.00	1.30
0.90	0.00	0.00	0.00	1.30
0.90	0.00	0.90	0.00	1.30

CODE:TS500T.COD

ZEMIN GERILMESI YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.00	0.00	0.00	0.00	0.00
1.00	0.00	1.00	0.00	0.00
0.67	0.00	0.67	0.67	0.00
0.80	0.00	0.80	0.00	0.80

YAPI AKS BÝLGÝLERÝ

X yönü aks bilgileri

no	Ax	Bx
1	0.00	0.00
2	0.00	3.80
3	0.00	6.60
4	0.00	11.25
5	0.00	14.15
6	0.00	18.15
7	0.00	7.90
8	0.00	19.45
9	0.00	2.80
10	0.00	15.15
11	0.00	1.40
12	0.00	2.75
13	0.00	4.75
14	0.00	5.60
15	0.00	7.60
16	0.00	10.20
17	0.00	12.70
18	0.00	13.20
19	0.00	16.20
20	0.00	16.70

Y yönü aks bilgileri

no	Ay	By
1	0.00	0.00
2	0.00	3.20
3	0.00	3.75
4	0.00	4.80
5	0.00	6.00
6	0.00	8.00
7	0.00	2.05
8	0.00	6.15

1. KAT KOLONLARI AKS BÝLGÝLERÝ

Kolon no	X aksi	Y aksi	dx	dy	alt yük.	Kolon no	X aksi	Y aksi	dx	dy	alt yük.
101	6	1	0	-0	0.00	102	6	3	0	-0	0.00
103	6	6	0	0	0.00	104	5	1	-0	-0	0.00
105	5	3	-0	-0	0.00	106	5	6	-0	0	0.00
107	4	1	0	-0	0.00	108	4	2	0	-0	0.00
109	4	5	0	0	0.00	110	4	6	0	0	0.00
111	3	1	0	-0	0.00	112	3	4	0	0	0.00
113	3	6	0	0	0.00	114	2	1	0	-0	0.00
115	2	4	0	0	0.00	116	2	6	0	0	0.00
117	1	1	-0	-0	0.00	118	1	2	-0	-13	0.00
119	1	6	-0	0	0.00	120	4	1	0	0	0.00
121	3	6	0	0	0.00	122	3	4	0	0	0.00

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. 11:16:55

DEPREM RAPORU
Deprem yuku eksantirisitesi : 0.050
Dinamik Analiz min. deprem yuku orani % : 1.0
DÜKTÝLÝTE KATSAYISI : 5

DÝNAMÝK ANALÝZ BÝLGÝLERÝ
SPECTURUM BÝLGÝSÝ

T (s)	Sa (m/s²) Ao.I.S(t)
0.00	4.000
0.15	10.000
0.40	10.000
0.50	8.364
0.60	7.228
0.70	6.392
0.80	5.744
0.90	5.228
1.00	4.804
1.10	4.452
1.20	4.152
1.30	3.896
1.40	3.672
1.50	3.472
1.60	3.300
1.70	3.144
1.80	3.004
1.90	2.876
2.00	2.800
5.00	2.800

. YAPI PERYODLARI

mod	Tx (s)	Ty (s)	Tθ (s)
1	0.567025	0.945585	0.677807
2	0.161091	0.292720	0.172481
3	0.109709	0.137954	0.088260
4	0.048701	0.080246	0.064251
5	0.028351	0.053401	0.039481
6	0.019108	0.039981	0.026974
7	0.014390	0.032465	0.020841

X YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0115	0.0195	0.0699	0.1721	0.2808	0.4248	0.5355
2	0.0402	0.0593	0.1999	0.4085	0.4897	0.4406	0.1831
3	0.0807	0.1031	0.3210	0.4871	0.2915	-0.1000	-0.4368
4	0.1385	0.1452	0.3940	0.2727	-0.2648	-0.4172	0.0988
5	0.2043	0.1668	0.3596	-0.1161	-0.4286	0.1671	0.3572
6	0.2750	0.1631	0.2206	-0.3957	-0.0136	0.4105	-0.3471
7	0.3483	0.1339	0.0039	-0.3627	0.4018	-0.1655	-0.1374
8	0.4220	0.0839	-0.2480	-0.0240	0.2445	-0.3764	0.4104
9	0.4949	0.0226	-0.4958	0.4326	-0.3477	0.2754	-0.2094
10	0.5576	-0.9405	0.4601	-0.0500	0.0142	-0.0055	0.0026
M %	67.68	6.53	13.21	4.99	2.74	2.17	1.68

= 98.99

ΣMxr=Σ[(Σm.Φ)²/Mr]= 1478.94 > 0.90 x Σm= 1344.56 (t) Dinamik kutle orani yeterli.

Y YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0150	0.0557	0.1149	0.1997	0.3231	0.4663	0.4476
2	0.0501	0.1681	0.2953	0.3956	0.4265	0.3155	0.0418
3	0.0961	0.2866	0.4058	0.3544	0.1093	-0.2418	-0.3860
4	0.1572	0.3804	0.3228	-0.0459	-0.3714	-0.2285	0.2680
5	0.2238	0.3932	0.0433	-0.3854	-0.1569	0.3571	0.1260
6	0.2933	0.3067	-0.2636	-0.2554	0.3581	0.0586	-0.3972
7	0.3621	0.1281	-0.3848	0.1888	0.2014	-0.3908	0.2872
8	0.4259	-0.1085	-0.2130	0.3728	-0.3223	0.1329	0.1032
9	0.4837	-0.3633	0.1816	0.0108	-0.1695	0.2793	-0.3668
10	0.5299	-0.5770	0.5770	-0.5361	0.4877	-0.4392	0.4192
M %	70.92	14.82	5.11	2.93	2.35	2.13	1.10

= 99.35

ΣMyr=Σ[(Σm.Φ)²/Mr]= 1484.31 > 0.90 x Σm= 1344.56 (t) Dinamik kutle orani yeterli.

BURULMA DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0131	0.0571	0.0439	0.1231	0.2627	0.4391	0.5954
2	0.0445	0.1669	0.1142	0.2912	0.4730	0.4868	0.2633
3	0.0871	0.2767	0.1603	0.3507	0.3383	0.0128	-0.3838
4	0.1462	0.3576	0.1406	0.1795	-0.2073	-0.4137	0.0399
5	0.2120	0.3559	0.0477	-0.1199	-0.4221	0.0973	0.3542
6	0.2819	0.2651	-0.0681	-0.3048	-0.0292	0.4025	-0.3061
7	0.3534	0.0983	-0.1437	-0.2227	0.3891	-0.1364	-0.1399
8	0.4238	-0.1151	-0.1352	0.0706	0.2211	-0.3582	0.3818
9	0.4922	-0.3420	-0.0462	0.3818	-0.3670	0.2741	-0.2033
10	0.5456	-0.6540	0.9443	-0.6612	0.1893	-0.0736	0.0374

YAPI BURULMA KUTLE ATALET MOMENTI Jmass=(Ix+Iy)/A

Kat	A (m²)	Ix (m4)	Iy (m4)	Xg (m)	Yg (m)	Jmass (m²)
1	133.63	677.53	3960.92	9.12	3.78	34.71
2	55.20	294.40	219.01	14.70	4.00	9.30
3	138.96	685.53	4442.29	9.49	3.79	36.90
4	138.96	685.53	4442.29	9.49	3.79	36.90
5	138.96	685.53	4442.29	9.49	3.79	36.90
6	138.96	685.53	4442.29	9.49	3.79	36.90
7	138.96	685.53	4442.29	9.49	3.79	36.90
8	138.96	685.53	4442.29	9.49	3.79	36.90
9	138.96	685.53	4442.29	9.49	3.79	36.90
10	87.94	426.60	1234.01	9.01	3.66	18.88

KAT ve DEPREM KUVVETLERI (t)
Deprem tepe yuku Ftx= 8.97 Fty= 9.94 (t)

Kat no	H (m)	Wg	Wq	Xg (m)	Xr (m)	Yg (m)	Yr (m)	X YÖNÜ Dinamik Analiz	X YÖNÜ Esdeger dep.yön.	X YÖNÜ Minimum Dep.yükü	Y YÖNÜ Dinamik Analiz	Y YÖNÜ Esdeger dep.yön.	Y YÖNÜ Minimum Dep.yükü	Kat tipi
1	2.50	151.30	34.33	9.13	8.69	3.78	3.38	2.636	4.092	3.684	2.865	2.643	3.650	NORMAL
2	5.00	92.81	13.72	12.41	8.66	4.09	3.40	3.209	4.909	4.486	3.246	3.171	4.136	NORMAL
3	7.50	159.94	32.51	9.41	8.64	3.87	3.38	8.389	12.891	11.727	8.222	8.326	10.475	NORMAL
4	10.40	163.19	32.50	9.39	8.61	3.88	3.36	11.468	18.218	16.030	9.912	11.767	12.629	NORMAL
5	13.30	161.40	32.54	9.42	8.62	3.87	3.33	14.491	23.059	20.256	10.441	14.894	13.303	NORMAL
6	16.20	159.86	32.57	9.41	8.60	3.87	3.33	18.218	27.836	25.467	11.232	17.979	14.311	NORMAL
7	19.10	158.53	32.59	9.38	8.58	3.87	3.37	23.020	32.561	32.180	13.522	21.031	17.228	NORMAL
8	22.00	158.53	32.59	9.38	8.58	3.87	3.37	29.264	37.505	40.908	18.491	24.224	23.559	NORMAL
9	24.90	140.60	32.60	9.33	8.57	3.86	3.37	29.536	37.928	41.289	23.752	24.498	30.263	NORMAL
10	27.40	60.99	13.42	9.06	8.81	3.85	4.04	21.452	27.016	29.987	16.147	21.592	20.572	NORMAL
Toplam yapi								161.682	226.014	226.014	117.829	150.126	150.126	GENEL

Vt=W.A(t)/Ra(t)> 0,10. Ao.I.W 226.01 , 150.13 > 59.76
X Deprem kontrol: 1.00 x 226.014 = 226.014 > 161.682 >>> 226.014
Y Deprem kontrol: 1.00 x 150.126 = 150.126 > 117.829 >>> 150.126

Rüzgar kuvvetleri (t)

Kat no	X-yönü F	X-yönü ey m	Y-yönü F	Y-yönü ex m
1	1.200	9.075	2.723	4.000
2	1.200	9.075	2.723	4.000
3	1.200	9.725	2.918	4.000
4	2.227	9.725	5.415	4.000
5	2.227	9.725	5.415	4.000
6	2.227	9.725	5.415	4.000
7	2.227	9.725	5.415	4.000
8	3.062	9.725	7.445	4.000
9	3.062	9.725	7.445	4.000
10	2.640	8.975	4.076	4.000

Kat Deprem deplasmanlari

Kat no	X YÖNÜ 9. yükleme δx (m)	X YÖNÜ 9. yükleme θz (rad)	X YÖNÜ 10. yükleme δx (m)	X YÖNÜ 10. yükleme θz (rad)	Y YÖNÜ 11. yükleme δy (m)	Y YÖNÜ 11. yükleme θz (rad)	Y YÖNÜ 12. yükleme δy (m)	Y YÖNÜ 12. yükleme θz (rad)
1	-.0005538	-.0000113	-.0005611	0.0000090	-.0012705	-.0000116	-.0013002	0.0000187
2	-.0019251	-.0000370	-.0019492	0.0000317	-.0041765	-.0000267	-.0043090	0.0000753
3	-.0038562	-.0000725	-.0039029	0.0000619	-.0079605	-.0000522	-.0082160	0.0001463
4	-.0066121	-.0001253	-.0066878	0.0001005	-.0129787	-.0001073	-.0133505	0.0002240
5	-.0097427	-.0001890	-.0098504	0.0001391	-.0184555	-.0001739	-.0189389	0.0003051
6	-.0131201	-.0002606	-.0132593	0.0001774	-.0242433	-.0002474	-.0248383	0.0003894
7	-.0166379	-.0003351	-.0168038	0.0002168	-.0301111	-.0003283	-.0308058	0.0004717
8	-.0201908	-.0004091	-.0203830	0.0002565	-.0357319	-.0004107	-.0365164	0.0005525
9	-.0237114	-.0004828	-.0239283	0.0002948	-.0409783	-.0004913	-.0418472	0.0006323
10	-.0276217	-.0005762	-.0277581	0.0003111	-.0452702	-.0005738	-.0461743	0.0006928

Deprem yapi salinimi: x= 0.00101 y= 0.00165

DEPREM PERDELERI TABAN MOMENT KONTROLU
Perde taban momenti

Perde	Mx	ΣMxk	=	ΣMxr	My	ΣMyk	=	ΣMyr
SB10	2.28	70.23		72.51	230.34	161.81		392.16
SB11	3.10	112.60		115.69	265.85	303.59		569.44
PB03	704.80			704.80	8.37			8.37
PB10	724.67			724.67	7.68			7.68
TOPLAM	1434.85			1617.67	512.24			977.64

kat deprem momenti (tm)

kat	Fx	Fx . H	Fy	Fy . H
1	3.68	9.21	3.65	9.13
2	4.49	22.43	4.14	20.68
3	11.73	87.95	10.48	78.56
4	16.03	166.72	12.63	131.34
5	20.26	269.41	13.30	176.93
6	25.47	412.56	14.31	231.84
7	32.18	614.63	17.23	329.06
8	40.91	899.97	23.56	518.29
9	41.29	1028.08	30.26	753.54
10	29.99	821.65	20.57	563.68
		4332.62		2813.05

X yonu αm = 1617.67 / 4332.62 = 0.37
Y yonu αm = 977.64 / 2813.05 = 0.35
Toplam 24 kolondan, 4 adedi perde olarak kullanilmistir.

YUKSEK SUNEKLI YAPILARDA; R=7 olmalidir.
NORMAL SUNEKLI YAPILARDA; R=4 olmalidir.

DEPREMDE YAPI DUZENSIZLIKLERININ KONTROLU
A1,B2 duzensizliklerinin kontrolu
X YÖNÜ max(di/hi)=0.0035, 0.02/R = 0.0040
1. kat X dust = 0.0005538 + 0.0000113 x (0.10 - 3.38)= 0.0005549 (S 117)
1. kat X dalt = 0.0005538 + 0.0000113 x (7.85 - 3.38)= 0.0004903 (S 103)
2. kat X dust = 0.0019251 + 0.0000370 x (0.10 - 3.40) - 0.0005549 = 0.0012868
2. kat X dalt = 0.0019251 + 0.0000370 x (7.88 - 3.40) - 0.0004903 = 0.0012864

Kat	X dust(m)	X dalt(m)	X ort	nbi	nki	X dep/h	θi	kat tipi
1	0.0005549	0.0004903	0.0005226	1.06	0.41	0.00022	0.00138	Normal kat
2	0.0012868	0.0012864	0.0012866	1.00	0.71	0.00051	0.00308	Normal kat
3	0.0018140	0.0018183	0.0018162	1.00	0.70	0.00073	0.00412	Normal kat
4	0.0025826	0.0026106	0.0025966	1.01	0.88	0.00090	0.00463	Normal kat
5	0.0029228	0.0029871	0.0029549	1.01	0.93	0.00103	0.00479	Normal kat
6	0.0031461	0.0032339	0.0031900	1.01	0.96	0.00112	0.00467	Normal kat
7	0.0032773	0.0033646	0.0033210	1.01	0.99	0.00116	0.00438	Normal kat
8	0.0033107	0.0033990	0.0033548	1.01	1.01	0.00117	0.00396	Normal kat
9	0.0032795	0.0033719	0.0033257	1.01	0.90	0.00116	0.00347	Normal kat
10	0.0036046	0.0037562	0.0036804	1.02	0.00	0.00150	0.00319	Normal kat

Y YÖNÜ

Kat	Y dsol(m)	Y dsag(m)	Y ort	nbi	nki	Y dep/h	θi	kat tipi
1	0.0011714	0.0013786	0.0012750	1.08	0.44	0.00055	0.00508	Normal kat
2	0.0027779	0.0030472	0.0029125	1.05	0.77	0.00122	0.01060	Normal kat
3	0.0035677	0.0040240	0.0037959	1.06	0.75	0.00161	0.01318	Normal kat
4	0.0045534	0.0055384	0.0050459	1.10	0.92	0.00191	0.01406	Normal kat
5	0.0049115	0.0061043	0.0055079	1.11	0.95	0.00210	0.01422	Normal kat
6	0.0051646	0.0064842	0.0058244	1.11	0.98	0.00224	0.01368	Normal kat
7	0.0051885	0.0066419	0.0059152	1.12	1.04	0.00229	0.01229	Normal kat
8	0.0049222	0.0064015	0.0056618	1.13	1.07	0.00221	0.01007	Normal kat

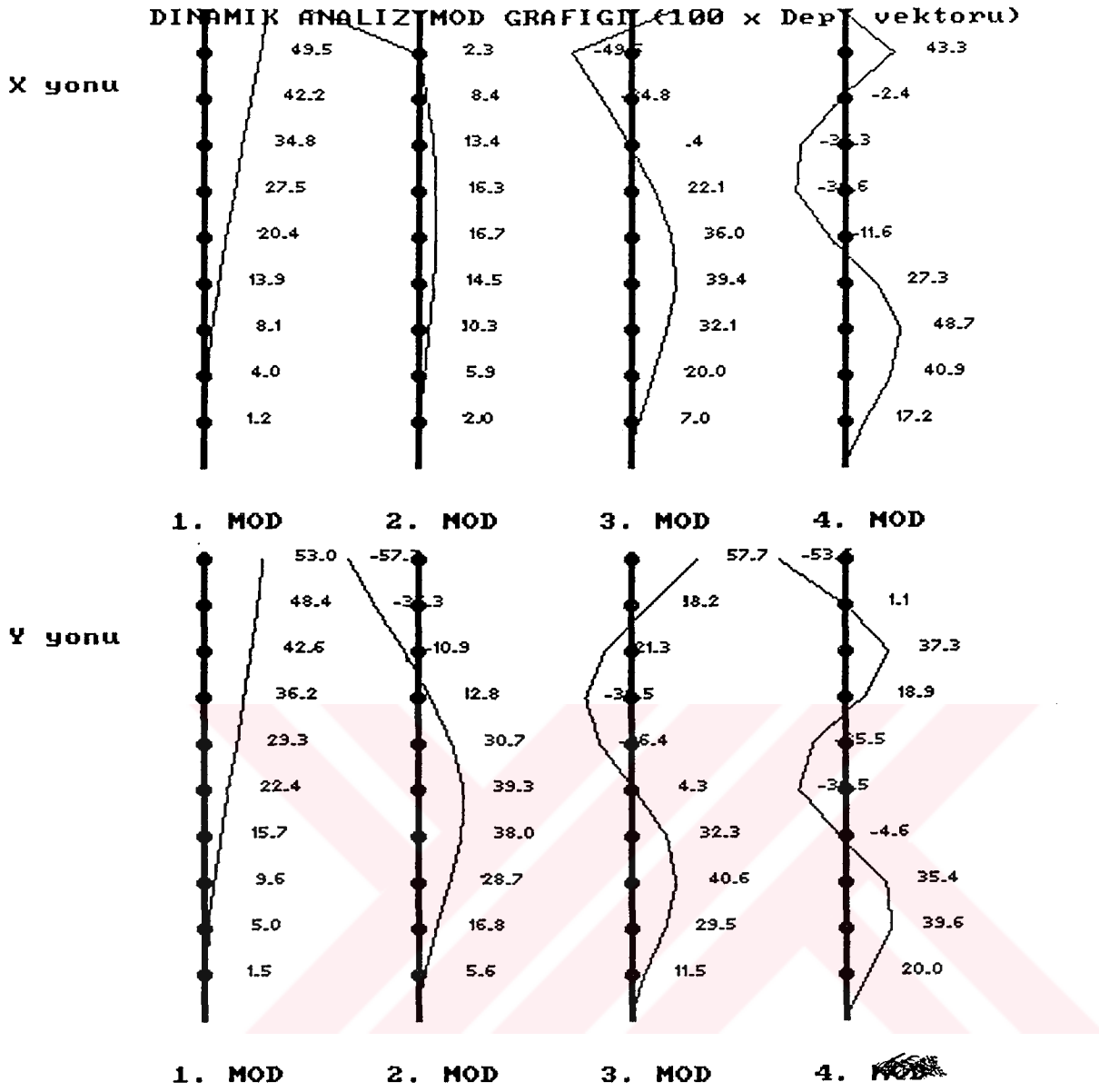
9	0.0045677	0.0060139	0.0052908	1.14	1.26	0.00207	0.00773	Normal kat
10	0.0037530	0.0046279	0.0041904	1.10	0.00	0.00185	0.00530	Normal kat

TDY 6.3.2.1 A1 burulma duzensizligi: nbi= 1.137 <1.2 , dinamik analizle cozulmustur
TDY 6.3.2.1 B2 duzensizligi saglanmaktadir.
TDY 6.20 kosulu saglanmaktadir. 0.0023 < 0.0035
TDY 6.21 kosulu saglanmaktadir. max θi= .0142 < 0.12

B1-Dusey dogrultudaki duzensizliklerinin kontrolu

Kat	Aw	Agx	Agy	ΣAex	ΣAey	ncix	nciy	ACIKLAMA
1	2.97	0.00	1.05	2.97	4.02	1.10	1.07	Duzenli
2	2.70	0.00	1.05	2.70	3.75	1.09	1.06	Duzenli
3	2.48	0.00	1.05	2.48	3.53	1.20	1.13	Duzenli
4	2.07	0.00	1.05	2.07	3.12	1.20	1.12	Duzenli
5	1.73	0.00	1.05	1.73	2.78	1.24	1.13	Duzenli
6	1.40	0.00	1.05	1.40	2.45	1.32	1.16	Duzenli
7	1.06	0.00	1.05	1.06	2.11	1.00	1.00	Duzenli
8	1.06	0.00	1.05	1.06	2.11	1.31	1.14	Duzenli
9	0.81	0.00	1.05	0.81	1.86	1.69	1.26	Duzenli
10	0.47	0.00	1.00	0.47	1.47	1.00	1.00	ust kat

A4 duzensizligi bulunmamistir.


DINAMIK ANALIZ MOD GRAFIGI (100 x Dep. vektoru)
X yonu
49.5
42.2
34.8
27.5
20.4
13.9
8.1
4.0
1.2
2.3
8.4
13.4
16.3
16.7
14.5
10.3
5.9
2.0
43.3
-2.4
11.6
27.3
48.7
40.9
17.2
1. MOD
2. MOD
3. MOD
4. MOD
Y yonu
53.0
48.4
42.6
36.2
29.3
22.4
15.7
9.6
5.0
1.5
10.9
12.8
30.7
39.3
38.0
28.7
16.8
5.6
57.7
18.2
1.1
37.3
18.9
4.3
32.3
40.6
29.5
11.5
-4.6
35.4
39.6
20.0
1. MOD
2. MOD
3. MOD
4. MOD

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝÞt YÜK BÝLGÝLERÝ

Kirif no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
KB01	.35	3.60	1.03	1.03	.40	.40	DB09
KB05	0.00	4.15	.83	.83	.32	.32	DB05
KB08	.20	2.88	.98	.98	.66	.66	DB03
KB11	0.00	1.40	0.00	.62	0.00	.49	DB02
KB12	0.00	1.40	0.00	.62	0.00	.49	DB02
KB12	1.40	.40	.62	.62	.49	.49	DB02
KB13	0.00	1.00	0.00	.46	0.00	.20	DB01
KB13	1.90	1.00	.46	0.00	.20	0.00	DB01
KB15	1.30	1.40	0.00	.65	0.00	.49	DB06
KB15	3.25	1.05	.65	.16	.49	.12	DB06
KB17	0.00	2.80	.98	.98	.66	.66	DB03
KB17	1.80	1.00	.62	.18	.49	.14	DB02
KB18	1.00	.90	.46	.46	.20	.20	DB01
KB20	0.00	2.40	1.24	1.24	.48	.48	DB04
KB20	1.40	1.00	.62	.18	.49	.14	DB02
KB21	3.20	0.00	2.82	sol uc	.61		KB27
KB22	4.28	.18	.24	.16	.11	.07	DB10
KB23	.30	1.85	.75	.75	.29	.29	DB07
KB24	.30	2.90	.75	.75	.29	.29	DB07
KB25	.35	3.40	1.03	1.03	.40	.40	DB08
KB26	.40	3.55	1.03	1.03	.40	.40	DB09
KB26	2.25	1.00	0.00	.46	0.00	.20	DB01
KB27	2.80	3.90	.83	.83	.32	.32	DB05
KB27	3.38	.78	.24	.24	.11	.11	DB10
KB27	5.50	.55	.65	.65	.49	.49	DB06
KB28	0.00	.52	0.00	.24	0.00	.11	DB10
KB29	0.00	1.20	.55	0.00	.42	0.00	DB06
KZ02	.30	3.45	1.03	1.03	.40	.40	DZ03
KZ05	1.00	.90	.46	.46	.20	.20	DZ01
KZ08	0.00	1.00	0.00	.46	0.00	.20	DZ01
KZ08	1.90	1.00	.46	0.00	.20	0.00	DZ01
KZ11	.30	2.90	.75	.75	.51	.51	DZ02
KZ12	.30	3.45	1.03	1.03	.40	.40	DZ03
KZ13	.40	3.55	1.03	1.03	.40	.40	DZ04
KZ13	2.25	1.00	0.00	.46	0.00	.20	DZ01
KA01	.30	3.70	1.03	1.03	.40	.40	DA09
KA02	.30	3.45	1.03	1.03	.40	.40	DA08
KA05	0.00	4.25	.83	.83	.32	.32	DA05
KA08	.20	2.88	.98	.98	.38	.38	DA03
KA11	0.00	1.40	0.00	.62	0.00	.49	DA02
KA12	0.00	1.40	0.00	.62	0.00	.49	DA02
KA12	1.40	.40	.62	.62	.49	.49	DA02
KA13	0.00	1.00	0.00	.46	0.00	.20	DA01
KA13	1.90	1.00	.46	0.00	.20	0.00	DA01
KA15	1.30	1.40	0.00	.65	0.00	.49	DA06
KA15	3.25	1.10	.65	.14	.49	.10	DA06
KA17	0.00	2.80	.98	.98	.38	.38	DA03
KA17	1.80	1.00	.62	.18	.49	.14	DA02
KA18	1.00	.90	.46	.46	.20	.20	DA01
KA20	0.00	1.40	0.00	.62	0.00	.49	DA02
KA20	1.40	1.05	.62	.15	.49	.12	DA02
KA21	3.20	0.00	2.93	sol uc	.65		KA27
KA22	4.28	.18	.24	.16	.11	.07	DA10
KA23	.30	1.90	.75	.75	.29	.29	DA07
KA24	.30	2.90	.75	.75	.29	.29	DA07
KA25	.30	3.45	1.03	1.03	.40	.40	DA08
KA26	.40	3.55	1.03	1.03	.40	.40	DA09
KA26	2.25	1.00	0.00	.46	0.00	.20	DA01
KA27	2.80	4.05	.83	.83	.32	.32	DA05
KA27	3.38	.78	.24	.24	.11	.11	DA10
KA27	5.50	.55	.65	.65	.49	.49	DA06
KA28	0.00	.52	0.00	.24	0.00	.11	DA10
KA29	0.00	1.20	.55	0.00	.42	0.00	DA06
K101	.30	2.10	.60	.60	.65	.65	D111
K102	2.05	1.70	.60	.60	.65	.65	D111
K106	0.00	2.55	1.24	1.24	.48	.48	D104
K109	.17	4.38	.98	.98	.38	.38	D103
K111	1.40	1.10	.62	.13	.49	.10	D102
K112	1.20	0.00	1.99	sol uc	.36		K115
K112	1.80	1.15	.62	.11	.49	.09	D102
K113	1.00	.90	.46	.46	.20	.20	D101
K115	1.30	0.00	.28	sag uc	.08		K129
K115	2.70	.55	.65	.65	.49	.49	D106
K117	0.00	1.40	0.00	.62	0.00	.49	D102
K117	1.40	.40	.62	.62	.49	.49	D102
K118	0.00	1.00	0.00	.46	0.00	.20	D101
K118	1.90	1.00	.46	0.00	.20	0.00	D101
K120	0.00	2.50	1.24	1.24	.48	.48	D104
K121	.25	4.25	.98	.98	.38	.38	D103
K122	3.75	.53	0.00	.24	0.00	.11	D110
K123	.30	1.10	.14	.65	.10	.49	D106
K123	1.40	.90	.65	.23	.49	.17	D106
K125	.30	3.45	.75	.75	.29	.29	D107
K126	.35	1.90	.75	.75	.29	.29	D107
K126	2.25	0.00	1.48	sag uc	.19		K118
K126	3.25	.70	.46	.14	.20	.06	D101
K127	2.85	.53	0.00	.24	0.00	.11	D110
K127	4.10	1.40	.37	.65	.28	.49	D106
K127	6.05	.90	.65	.23	.49	.17	D106
K128	.53	.78	.24	.24	.11	.11	D110
K201	.30	3.75	1.03	1.03	.40	.40	D209
K202	.25	3.50	1.03	1.03	.40	.40	D208
K205	0.00	4.25	.83	.83	.32	.32	D205
K208	.20	2.88	.98	.98	.38	.38	D203
K211	0.00	1.40	0.00	.62	0.00	.49	D202
K212	0.00	1.40	0.00	.62	0.00	.49	D202
K212	1.40	.40	.62	.62	.49	.49	D202
K213	0.00	1.00	0.00	.46	0.00	.20	D201
K213	1.90	1.00	.46	0.00	.20	0.00	D201
K215	1.30	1.40	0.00	.65	0.00	.49	D206
K215	3.25	1.10	.65	.14	.49	.10	D206
K217	0.00	2.85	.98	.98	.38	.38	D203
K217	1.80	1.05	.62	.15	.49	.12	D202
K218	1.00	.90	.46	.46	.20	.20	D201
K220	0.00	1.40	0.00	.62	0.00	.49	D202
K220	1.40	1.10	.62	.13	.49	.10	D202
K221	3.20	0.00	3.08	sol uc	.70		K227
K222	4.28	.23	.24	.14	.11	.06	D210
K223	.30	2.05	.75	.75	.29	.29	D207
K224	.20	3.00	.75	.75	.29	.29	D207
K225	.30	3.45	1.03	1.03	.40	.40	D208
K226	.35	3.60	1.03	1.03	.40	.40	D209
K226	2.25	1.00	0.00	.46	0.00	.20	D201
K227	2.80	4.25	.83	.83	.32	.32	D205

Kirif no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
KB02	.30	3.45	1.03	1.03	.40	.40	DB08
KB06	0.00	2.55	1.24	1.24	.48	.48	DB04
KB09	.22	4.28	.98	.98	.66	.66	DB03
KB11	1.40	1.10	.62	.13	.49	.10	DB02
KB12	1.20	0.00	1.21	sol uc	.35		KB15
KB12	1.80	1.10	.62	.13	.49	.10	DB02
KB13	1.00	.90	.46	.46	.20	.20	DB01
KB15	1.30	0.00	.28	sag uc	.08		KB29
KB15	2.70	.55	.65	.65	.49	.49	DB06
KB17	0.00	1.40	0.00	.62	0.00	.49	DB02
KB17	1.40	.40	.62	.62	.49	.49	DB02
KB18	0.00	1.00	0.00	.46	0.00	.20	DB01
KB18	1.90	1.00	.46	0.00	.20	0.00	DB01
KB20	0.00	1.40	0.00	.62	0.00	.49	DB02
KB21	.35	4.10	.98	.98	.66	.66	DB03
KB22	3.75	.53	0.00	.24	0.00	.11	DB10
KB23	.30	1.10	.14	.65	.10	.49	DB06
KB23	1.40	.75	.65	.30	.49	.23	DB06
KB25	.35	3.40	.75	.75	.29	.29	DB07
KB26	.40	1.85	.75	.75	.29	.29	DB07
KB26	2.25	0.00	.85	sag uc	.19		KB18
KB26	3.25	.70	.46	.14	.20	.06	DB01
KB27	2.85	.53	0.00	.24	0.00	.11	DB10
KB27	4.10	1.40	.37	.65	.28	.49	DB06
KB27	6.05	.65	.65	.35	.49	.26	DB06
KB28	.53	.78	.24	.24	.11	.11	DB10
KZ01	.35	3.60	1.03	1.03	.40	.40	DZ04
KZ05	0.00	1.00	0.00	.46	0.00	.20	DZ01
KZ05	1.90	1.00	.46	0.00	.20	0.00	DZ01
KZ08	1.00	.90	.46	.46	.20	.20	DZ01
KZ10	.30	1.90	.75	.75	.51	.51	DZ02
KZ12	.30	3.45	.75	.75	.51	.51	DZ02
KZ13	.40	1.85	.75	.75	.51	.51	DZ02
KZ13	2.25	0.00	1.67	sag uc	.19		KZ08
KZ13	3.25	.70	.46	.14	.20	.06	DZ01
KA01	.30	2.10	.60	.60	.65	.65	DA11
KA02	2.05	1.70	.60	.60	.65	.65	DA11
KA06	0.00	2.55	1.24	1.24	.48	.48	DA04
KA09	.17	4.33	.98	.98	.38	.38	DA03
KA11	1.40	1.10	.62	.13	.49	.10	DA02
KA12	1.20	0.00	1.99	sol uc	.36		KA15
KA12	1.80	1.15	.62	.11	.49	.09	DA02
KA13	1.00	.90	.46	.46	.20	.20	DA01
KA15	1.30	0.00	.28	sag uc	.08		KA29
KA15	2.70	.55	.65	.65	.49	.49	DA06
KA17	0.00	1.40	0.00	.62	0.00	.49	DA02
KA17	1.40	.40	.62	.62	.49	.49	DA02
KA18	0.00	1.00	0.00	.46	0.00	.20	DA01
KA18	1.90	1.00	.46	0.00	.20	0.00	DA01
KA20	0.00	2.45	1.24	1.24	.48	.48	DA04
KA21	.30	4.15	.98	.98	.38	.38	DA03
KA22	3.75	.53	0.00	.24	0.00	.11	DA10
KA23	.30	1.10	.14	.65	.10	.49	DA06
KA23	1.40	.80	.65	.28	.49	.21	DA06
KA25	.30	3.45	.75	.75	.29	.29	DA07
KA26	.40	1.85	.75	.75	.29	.29	DA07
KA26	2.25	0.00	1.48	sag uc	.19		KA18
KA26	3.25	.70	.46	.14	.20	.06	DA01
KA27	2.85	.53	0.00	.24	0.00	.11	DA10
KA27	4.10	1.40	.37	.65	.28	.49	DA06
KA27	6.05	.80	.65	.28	.49	.21	DA06
KA28	.53	.78	.24	.24	.11	.11	DA10
K101	.30	3.75	1.03	1.03	.40	.40	D109
K102	.25	3.50	1.03	1.03	.40	.40	D108
K105	0.00	4.25	.83	.83	.32	.32	D105
K108	.20	2.88	.98	.98	.38	.38	D103
K111	0.00	1.40	0.00	.62	0.00	.49	D102
K112	0.00	1.40	0.00	.62	0.00	.49	D102
K112	1.40	.40	.62	.62	.49	.49	D102
K113	0.00	1.00	0.00	.46	0.00	.20	D101
K113	1.90	1.00	.46	0.00	.20	0.00	D101
K115	1.30	1.40	0.00	.65	0.00	.49	D106
K115	3.25	1.10	.65	.14	.49	.10	D106
K117	0.00	2.85	.98	.98	.38	.38	D103
K117	1.80	1.05	.62	.15	.49	.12	D102
K118	1.00	.90	.46	.46	.20	.20	D101
K120	0.00	1.40	0.00	.62	0.00	.49	D102
K120	1.40	1.10	.62	.13	.49	.10	D102
K121	3.20	0.00	3.01	sol uc	.68		K127
K122	4.28	.18	.24	.16	.11	.07	D110
K123	.30	2.00	.75	.75	.29	.29	D107
K124	.25	2.95	.75	.75	.29	.29	D107
K125	.30	3.45	1.03	1.03	.40	.40	D108
K126	.35	3.60	1.03	1.03	.40	.40	D109
K126	2.25	1.00	0.00	.46	0.00	.20	D101
K127	2.80	4.15	.83	.83	.32	.32	D105
K127	3.38	.78	.24	.24	.11	.11	D110
K127	5.50	.55	.65	.65	.49	.49	D106
K128	0.00	.52	0.00	.24	0.00	.11	D110
K129	0.00	1.20	.55	0.00	.42	0.00	D106
K201	.30	2.10	.60	.60	.65	.65	D211
K202	2.05	1.70	.60	.60	.65	.65	D211
K206	0.00	2.55	1.24	1.24	.48	.48	D204
K209	.17	4.43	.98	.98	.38	.38	D203
K211	1.40	1.15	.62	.11	.49	.09	D202
K212	1.20	0.00	1.99	sol uc	.36		K215
K212	1.80	1.15	.62	.11	.49	.09	D202
K213	1.00	.90	.46	.46	.20	.20	D201
K215	1.30	0.00	.28	sag uc	.08		K229
K215	2.70	.55	.65	.65	.49	.49	D206
K217	0.00	1.40	0.00	.62	0.00	.49	D202
K217	1.40	.40	.62	.62	.49	.49	D202
K218	0.00	1.00	0.00	.46	0.00	.20	D201
K218	1.90	1.00	.46	0.00	.20	0.00	D201
K220	0.00	2.50	1.24	1.24	.48	.48	D204
K221	.25	4.30	.98	.98	.38	.38	D203
K222	3.75	.53	0.00	.24	0.00	.11	D210
K223	.30	1.10	.14	.65	.10	.49	D206
K223	1.40	.95	.65	.21	.49	.16	D206
K225	.30	3.45	.75	.75	.29	.29	D207
K226	.35	1.90	.75	.75	.29	.29	D207
K226	2.25	0.00	1.48	sag uc	.19		K218
K226	3.25	.70	.46	.14	.20	.06	D201
K227	2.85	.53	0.00	.24	0.00	.11	D210

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPt YÜK BÝLGÝLERÝ

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
K228	0.00	.52	0.00	.24	0.00	.11	D210
K229	0.00	1.20	.55	0.00	.42	0.00	D206
K301	.30	2.10	.60	.60	.65	.65	D311
K302	2.05	1.70	.60	.60	.65	.65	D311
K306	0.00	2.55	1.24	1.24	.48	.48	D304
K309	.08	4.53	.98	.98	.38	.38	D303
K311	1.40	1.15	.62	.11	.49	.09	D302
K312	1.20	0.00	1.99	sol uc	.36		K315
K312	1.80	1.20	.62	.09	.49	.07	D302
K313	1.00	.90	.46	.46	.20	.20	D301
K315	1.30	0.00	.28	sag uc	.08		K329
K315	2.70	.55	.65	.65	.49	.49	D306
K317	0.00	1.40	0.00	.62	0.00	.49	D302
K317	1.40	.40	.62	.62	.49	.49	D302
K318	0.00	1.00	0.00	.46	0.00	.20	D301
K318	1.90	1.00	.46	0.00	.20	0.00	D301
K320	0.00	2.55	1.24	1.24	.48	.48	D304
K321	.20	4.35	.98	.98	.38	.38	D303
K322	3.75	.53	0.00	.24	0.00	.11	D310
K323	.30	1.10	.14	.65	.10	.49	D306
K323	1.40	1.05	.65	.16	.49	.12	D306
K325	.30	3.45	.75	.75	.29	.29	D307
K326	.30	1.95	.75	.75	.29	.29	D307
K326	2.25	0.00	1.48	sag uc	.19		K318
K326	3.25	.70	.46	.14	.20	.06	D301
K327	2.85	.53	0.00	.24	0.00	.11	D310
K327	4.10	1.40	.37	.65	.28	.49	D306
K327	6.05	1.05	.65	.16	.49	.12	D306
K328	.53	.78	.24	.24	.11	.11	D310
K401	.20	3.85	1.03	1.03	.40	.40	D409
K402	.20	3.55	1.03	1.03	.40	.40	D408
K405	0.00	4.40	.83	.83	.32	.32	D405
K408	.20	2.88	.98	.98	.38	.38	D403
K411	0.00	1.40	0.00	.62	0.00	.49	D402
K412	0.00	1.40	0.00	.62	0.00	.49	D402
K412	1.40	.40	.62	.62	.49	.49	D402
K413	0.00	1.00	0.00	.46	0.00	.20	D401
K413	1.90	1.00	.46	0.00	.20	0.00	D401
K415	1.30	1.40	0.00	.65	0.00	.49	D406
K415	3.25	1.15	.65	.11	.49	.09	D406
K417	0.00	2.95	.98	.98	.38	.38	D403
K417	1.80	1.15	.62	.11	.49	.09	D402
K418	1.00	.90	.46	.46	.20	.20	D401
K420	0.00	1.40	0.00	.62	0.00	.49	D402
K420	1.40	1.15	.62	.11	.49	.09	D402
K421	3.20	0.00	3.16	sol uc	.73		K427
K422	4.28	.28	.24	.11	.11	.05	D410
K423	.25	2.25	.75	.75	.29	.29	D407
K424	.20	3.00	.75	.75	.29	.29	D407
K425	.25	3.50	1.03	1.03	.40	.40	D408
K426	.30	3.65	1.03	1.03	.40	.40	D409
K426	2.25	1.00	0.00	.46	0.00	.20	D401
K427	2.80	4.35	.83	.83	.32	.32	D405
K427	3.38	.78	.24	.24	.11	.11	D410
K427	5.50	.55	.65	.65	.49	.49	D406
K428	0.00	.52	0.00	.24	0.00	.11	D410
K429	0.00	1.20	.55	0.00	.42	0.00	D406
K501	.20	2.20	.60	.60	.65	.65	D511
K502	2.05	1.70	.60	.60	.65	.65	D511
K506	0.00	2.55	1.24	1.24	.48	.48	D504
K509	.08	4.53	.98	.98	.38	.38	D503
K511	1.40	1.20	.62	.09	.49	.07	D502
K512	1.20	0.00	2.01	sol uc	.37		K515
K512	1.80	1.20	.62	.09	.49	.07	D502
K513	1.00	.90	.46	.46	.20	.20	D501
K515	1.30	0.00	.28	sag uc	.08		K529
K515	2.70	.55	.65	.65	.49	.49	D506
K517	0.00	1.40	0.00	.62	0.00	.49	D502
K517	1.40	.40	.62	.62	.49	.49	D502
K518	0.00	1.00	0.00	.46	0.00	.20	D501
K518	1.90	1.00	.46	0.00	.20	0.00	D501
K520	0.00	2.55	1.24	1.24	.48	.48	D504
K521	.20	4.35	.98	.98	.38	.38	D503
K522	3.75	.53	0.00	.24	0.00	.11	D510
K523	.25	1.15	.11	.65	.09	.49	D506
K523	1.40	1.10	.65	.14	.49	.10	D506
K525	.25	3.50	.75	.75	.29	.29	D507
K526	.30	1.95	.75	.75	.29	.29	D507
K526	2.25	0.00	1.48	sag uc	.19		K518
K526	3.25	.70	.46	.14	.20	.06	D501
K527	2.85	.53	0.00	.24	0.00	.11	D510
K527	4.10	1.40	.37	.65	.28	.49	D506
K527	6.05	1.10	.65	.14	.49	.10	D506
K528	.53	.78	.24	.24	.11	.11	D510
K601	.20	3.85	1.03	1.03	.40	.40	D609
K602	.20	3.55	1.03	1.03	.40	.40	D608
K605	0.00	4.45	.83	.83	.32	.32	D605
K608	.20	2.88	.98	.98	.38	.38	D603
K611	0.00	1.40	0.00	.62	0.00	.49	D602
K612	0.00	1.40	0.00	.62	0.00	.49	D602
K612	1.40	.40	.62	.62	.49	.49	D602
K613	0.00	1.00	0.00	.46	0.00	.20	D601
K613	1.90	1.00	.46	0.00	.20	0.00	D601
K615	1.30	1.40	0.00	.65	0.00	.49	D606
K615	3.25	1.15	.65	.11	.49	.09	D606
K617	0.00	2.95	.98	.98	.38	.38	D603
K617	1.80	1.15	.62	.11	.49	.09	D602
K618	1.00	.90	.46	.46	.20	.20	D601
K620	0.00	1.40	0.00	.62	0.00	.49	D602
K620	1.40	1.20	.62	.09	.49	.07	D602
K621	3.20	0.00	3.20	sol uc	.74		K627
K622	4.28	.33	.24	.09	.11	.04	D610
K623	.20	2.30	.75	.75	.29	.29	D607
K624	.20	3.00	.75	.75	.29	.29	D607
K625	.20	3.55	1.03	1.03	.40	.40	D608
K626	.30	3.70	1.03	1.03	.40	.40	D609
K626	2.25	1.00	0.00	.46	0.00	.20	D601
K627	2.80	4.40	.83	.83	.32	.32	D605
K627	3.38	.78	.24	.24	.11	.11	D610
K627	5.50	.55	.65	.65	.49	.49	D606
K628	0.00	.52	0.00	.24	0.00	.11	D610
K629	0.00	1.20	.55	0.00	.42	0.00	D606
KÇ04	1.45	1.45	.58	0.00	.22	0.00	DÇ07
KÇ05	1.60	1.45	.64	.64	.24	.24	DÇ05

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
K228	.53	.78	.24	.24	.11	.11	D210
K301	.30	3.75	1.03	1.03	.40	.40	D309
K302	.25	3.50	1.03	1.03	.40	.40	D308
K305	0.00	4.35	.83	.83	.32	.32	D305
K308	.20	2.88	.98	.98	.38	.38	D303
K311	0.00	1.40	0.00	.62	0.00	.49	D302
K312	0.00	1.40	0.00	.62	0.00	.49	D302
K312	1.40	.40	.62	.62	.49	.49	D302
K313	0.00	1.00	0.00	.46	0.00	.20	D301
K313	1.90	1.00	.46	0.00	.20	0.00	D301
K315	1.30	1.40	0.00	.65	0.00	.49	D306
K315	3.25	1.10	.65	.14	.49	.10	D306
K317	0.00	2.90	.98	.98	.38	.38	D303
K317	1.80	1.10	.62	.13	.49	.10	D302
K318	1.00	.90	.46	.46	.20	.20	D301
K320	0.00	1.40	0.00	.62	0.00	.49	D302
K320	1.40	1.15	.62	.11	.49	.09	D302
K321	3.20	0.00	3.12	sol uc	.72		K327
K322	4.28	.23	.24	.14	.11	.06	D310
K323	.30	2.15	.75	.75	.29	.29	D307
K324	.20	3.00	.75	.75	.29	.29	D307
K325	.30	3.45	1.03	1.03	.40	.40	D308
K326	.30	3.65	1.03	1.03	.40	.40	D309
K326	2.25	1.00	0.00	.46	0.00	.20	D301
K327	2.80	4.30	.83	.83	.32	.32	D305
K327	3.38	.78	.24	.24	.11	.11	D310
K327	5.50	.55	.65	.65	.49	.49	D306
K328	0.00	.52	0.00	.24	0.00	.11	D310
K329	0.00	1.20	.55	0.00	.42	0.00	D306
K401	.20	2.20	.60	.60	.65	.65	D411
K402	2.05	1.70	.60	.60	.65	.65	D411
K406	0.00	2.55	1.24	1.24	.48	.48	D404
K409	.08	4.53	.98	.98	.38	.38	D403
K411	1.40	1.20	.62	.09	.49	.07	D402
K412	1.20	0.00	2.01	sol uc	.37		K415
K412	1.80	1.20	.62	.09	.49	.07	D402
K413	1.00	.90	.46	.46	.20	.20	D401
K415	1.30	0.00	.28	sag uc	.08		K429
K415	2.70	.55	.65	.65	.49	.49	D406
K417	0.00	1.40	0.00	.62	0.00	.49	D402
K417	1.40	.40	.62	.62	.49	.49	D402
K418	0.00	1.00	0.00	.46	0.00	.20	D401
K418	1.90	1.00	.46	0.00	.20	0.00	D401
K420	0.00	2.55	1.24	1.24	.48	.48	D404
K421	.20	4.35	.98	.98	.38	.38	D403
K422	3.75	.53	0.00	.24	0.00	.11	D410
K423	.25	1.15	.11	.65	.09	.49	D406
K423	1.40	1.10	.65	.14	.49	.10	D406
K425	.25	3.50	.75	.75	.29	.29	D407
K426	.30	1.95	.75	.75	.29	.29	D407
K426	2.25	0.00	1.48	sag uc	.19		K418
K426	3.25	.70	.46	.14	.20	.06	D401
K427	2.85	.53	0.00	.24	0.00	.11	D410
K427	4.10	1.40	.37	.65	.28	.49	D406
K427	6.05	1.10	.65	.14	.49	.10	D406
K428	.53	.78	.24	.24	.11	.11	D410
K501	.20	3.85	1.03	1.03	.40	.40	D509
K502	.20	3.55	1.03	1.03	.40	.40	D508
K505	0.00	4.40	.83	.83	.32	.32	D505
K508	.20	2.88	.98	.98	.38	.38	D503
K511	0.00	1.40	0.00	.62	0.00	.49	D502
K512	0.00	1.40	0.00	.62	0.00	.49	D502
K512	1.40	.40	.62	.62	.49	.49	D502
K513	0.00	1.00	0.00	.46	0.00	.20	D501
K513	1.90	1.00	.46	0.00	.20	0.00	D501
K515	1.30	1.40	0.00	.65	0.00	.49	D506
K515	3.25	1.15	.65	.11	.49	.09	D506
K517	0.00	2.95	.98	.98	.38	.38	D503
K517	1.80	1.15	.62	.11	.49	.09	D502
K518	1.00	.90	.46	.46	.20	.20	D501
K520	0.00	1.40	0.00	.62	0.00	.49	D502
K520	1.40	1.15	.62	.11	.49	.09	D502
K521	3.20	0.00	3.16	sol uc	.73		K527
K522	4.28	.28	.24	.11	.11	.05	D510
K523	.25	2.25	.75	.75	.29	.29	D507
K524	.20	3.00	.75	.75	.29	.29	D507
K525	.25	3.50	1.03	1.03	.40	.40	D508
K526	.30	3.65	1.03	1.03	.40	.40	D509
K526	2.25	1.00	0.00	.46	0.00	.20	D501
K527	2.80	4.35	.83	.83	.32	.32	D505
K527	3.38	.78	.24	.24	.11	.11	D510
K527	5.50	.55	.65	.65	.49	.49	D506
K528	0.00	.52	0.00	.24	0.00	.11	D510
K529	0.00	1.20	.55	0.00	.42	0.00	D506
K601	.20	2.20	.60	.60	.65	.65	D611
K602	2.05	1.70	.60	.60	.65	.65	D611
K606	0.00	2.55	1.24	1.24	.48	.48	D604
K609	.08	4.53	.98	.98	.38	.38	D603
K611	1.40	1.20	.62	.09	.49	.07	D602
K612	1.20	0.00	2.01	sol uc	.37		K615
K612	1.80	1.20	.62	.09	.49	.07	D602
K613	1.00	.90	.46	.46	.20	.20	D601
K615	1.30	0.00	.28	sag uc	.08		K629
K615	2.70	.55	.65	.65	.49	.49	D606
K617	0.00	1.40	0.00	.62	0.00	.49	D602
K617	1.40	.40	.62	.62	.49	.49	D602
K618	0.00	1.00	0.00	.46	0.00	.20	D601
K618	1.90	1.00	.46	0.00	.20	0.00	D601
K620	0.00	2.60	1.24	1.24	.48	.48	D604
K621	.20	4.40	.98	.98	.38	.38	D603
K622	3.75	.53	0.00	.24	0.00	.11	D610
K623	.20	1.20	.09	.65	.07	.49	D606
K623	1.40	1.10	.65	.14	.49	.10	D606
K625	.20	3.55	.75	.75	.29	.29	D607
K626	.30	1.95	.75	.75	.29	.29	D607
K626	2.25	0.00	1.48	sag uc	.19		K618
K626	3.25	.75	.46	.11	.20	.05	D601
K627	2.85	.53	0.00	.24	0.00	.11	D610
K627	4.10	1.40	.37	.65	.28	.49	D606
K627	6.05	1.15	.65	.11	.49	.09	D606
K628	.53	.78	.24	.24	.11	.11	D610
KÇ04	0.00	1.45	0.00	.58	0.00	.22	DÇ07
KÇ05	0.00	1.60	0.00	.64	0.00	.24	DÇ05
KÇ05	3.05	1.40	.64	.08	.24	.03	DÇ05

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPt YÜK BÝLGÝLERÝ

Kirif no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
KÇ12	0.00	1.40	0.00	.56	0.00	.21	DÇ02
KÇ12	1.40	.40	.56	.56	.21	.21	DÇ02
KÇ13	0.00	1.00	0.00	.40	0.00	.15	DÇ01
KÇ13	1.90	1.00	.40	0.00	.15	0.00	DÇ01
KÇ15	1.30	1.40	0.00	.56	0.00	.21	DÇ06
KÇ15	3.25	1.15	.56	.10	.21	.04	DÇ06
KÇ17	0.00	3.00	.40	.40	.15	.15	DÇ03
KÇ17	1.80	1.20	.56	.08	.21	.03	DÇ02
KÇ18	0.00	1.45	0.00	.58	0.00	.22	DÇ07
KÇ18	1.45	1.45	.58	0.00	.22	0.00	DÇ07
KÇ20	0.00	1.40	0.00	.56	0.00	.21	DÇ02
KÇ20	1.40	1.20	.56	.08	.21	.03	DÇ02
KÇ21	.20	4.40	.40	.40	.15	.15	DÇ03
KÇ21	1.40	2.00	.56	.56	.21	.21	DÇ04
KÇ22	2.00	1.40	.56	.56	.21	.21	DÇ04
KÇ22	3.20	0.00	2.32	sol uc	.62		KÇ27
KÇ22	3.40	1.20	.56	.08	.21	.03	DÇ04
KÇ23	.20	1.20	.08	.56	.03	.21	DÇ06
KÇ23	1.35	1.25	.58	.08	.22	.03	DÇ07
KÇ24	.20	1.40	.08	.64	.03	.24	DÇ05
KÇ24	1.45	1.75	.58	.58	.22	.22	DÇ07
KÇ25	.20	1.25	.08	.58	.03	.22	DÇ07
KÇ25	1.45	2.30	.58	.58	.22	.22	DÇ07
KÇ26	.25	3.80	.40	.40	.15	.15	DÇ08
KÇ26	2.25	0.00	1.21	sag uc	.30		KÇ18
KÇ26	3.25	.80	.40	.08	.15	.03	DÇ01
KÇ27	0.00	.80	0.00	.32	0.00	.12	DÇ10
KÇ27	1.30	1.40	.32	.56	.12	.21	DÇ06
KÇ27	2.70	.55	.56	.56	.21	.21	DÇ06
KÇ27	3.25	1.20	.56	.08	.21	.03	DÇ06
KÇ28	.80	.50	.32	.32	.12	.12	DÇ10
SB01	0.00	0.00	.31		.12		DB08
SB02	0.00	0.00	.36		.14		DB09
SB04	0.00	0.00	.26		.10		DB07
SB05	0.00	0.00	0.00		0.00		DB08
SB05	0.00	0.00	.41		.16		DB09
SB06	0.00	0.00	.02		.01		DB01
SB07	0.00	0.00	.22		.09		DB07
SB08	0.00	0.00	.02		.02		DB06
SB08	0.00	0.00	.13		.10		DB06
SB09	0.00	0.00	.49		.19		DB07
SB09	0.00	0.00	.03		.02		DB06
SB10	0.00	0.00	.23		.10		DB01
SB10	0.00	0.00	0.00		0.00		DB01
SB11	0.00	0.00	.31		.12		DB04
SB12	0.00	0.00	0.00		0.00		DB10
SB12	0.00	0.00	.04		.03		DB02
SB13	0.00	0.00	.02		.02		DB02
SB14	0.00	0.00	.34		.23		DB03
SB15	0.00	0.00	0.00		0.00		DB02
SB15	0.00	0.00	.34		.23		DB03
SB16	0.00	0.00	.04		.03		DB02
SB16	0.00	0.00	.39		.27		DB03
SB18	0.00	0.00	.34		.23		DB03
SZ01	0.00	0.00	.31		.12		DZ03
SZ02	0.00	0.00	.36		.14		DZ04
SZ04	0.00	0.00	.31		.12		DZ03
SZ05	0.00	0.00	0.00		0.00		DZ03
SZ05	0.00	0.00	.41		.16		DZ04
SZ06	0.00	0.00	0.00		0.00		DZ01
SZ07	0.00	0.00	.22		.15		DZ02
SZ09	0.00	0.00	0.00		0.00		DZ01
SZ10	0.00	0.00	.23		.10		DZ01
SZ10	0.00	0.00	0.00		0.00		DZ01
SA02	0.00	0.00	0.00		0.00		DA08
SA02	0.00	0.00	.18		.19		DA11
SA04	0.00	0.00	.22		.09		DA07
SA05	0.00	0.00	.30		.12		DA07
SA05	0.00	0.00	0.00		0.00		DA08
SA06	0.00	0.00	0.00		0.00		DA01
SA07	0.00	0.00	.22		.09		DA07
SA08	0.00	0.00	.08		.06		DA06
SA08	0.00	0.00	.22		.09		DA07
SA09	0.00	0.00	.02		.02		DA06
SA09	0.00	0.00	0.00		0.00		DA01
SA10	0.00	0.00	.23		.10		DA01
SA10	0.00	0.00	.23		.10		DA01
SA11	0.00	0.00	0.00		0.00		DA05
SA12	0.00	0.00	.03		.01		DA10
SA12	0.00	0.00	.43		.17		DA04
SA13	0.00	0.00	.02		.02		DA02
SA14	0.00	0.00	.29		.11		DA03
SA15	0.00	0.00	0.00		0.00		DA02
SA15	0.00	0.00	.34		.13		DA03
SA16	0.00	0.00	.39		.15		DA03
SA16	0.00	0.00	0.00		0.00		DA02
SA18	0.00	0.00	.29		.11		DA03
S101	0.00	0.00	.26		.10		D108
S102	0.00	0.00	.18		.19		D111
S103	0.00	0.00	.21		.08		D109
S104	0.00	0.00	.31		.12		D108
S105	0.00	0.00	.36		.14		D109
S106	0.00	0.00	.31		.12		D109
S106	0.00	0.00	0.00		0.00		D101
S107	0.00	0.00	.33		.13		D105
S108	0.00	0.00	.02		.02		D106
S108	0.00	0.00	.06		.04		D106
S109	0.00	0.00	0.00		0.00		D101
S109	0.00	0.00	.02		.02		D106
S110	0.00	0.00	.23		.10		D101
S111	0.00	0.00	.31		.12		D104
S112	0.00	0.00	.02		.02		D102
S112	0.00	0.00	0.00		0.00		D110
S112	0.00	0.00	.03		.01		D110
S113	0.00	0.00	.01		.01		D102
S114	0.00	0.00	0.00		0.00		D104
S115	0.00	0.00	0.00		0.00		D104
S115	0.00	0.00	.29		.11		D103
S116	0.00	0.00	.34		.13		D103
S117	0.00	0.00	.20		.08		D103
S119	0.00	0.00	.24		.09		D103
S202	0.00	0.00	.31		.12		D209
S202	0.00	0.00	.18		.19		D211
S204	0.00	0.00	.22		.09		D207

Kirif no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
KÇ12	1.20	0.00	1.99	sol uc	.16		KÇ15
KÇ12	1.80	1.20	.56	.08	.21	.03	DÇ02
KÇ13	1.00	.90	.40	.40	.15	.15	DÇ01
KÇ15	1.30	0.00	.71	sag uc	.04		KÇ29
KÇ15	2.70	.55	.56	.56	.21	.21	DÇ06
KÇ17	0.00	1.40	0.00	.56	0.00	.21	DÇ02
KÇ17	1.40	.40	.56	.56	.21	.21	DÇ02
KÇ18	0.00	1.00	0.00	.40	0.00	.15	DÇ01
KÇ18	1.00	.90	.40	.40	.15	.15	DÇ01
KÇ18	1.90	1.00	.40	0.00	.15	0.00	DÇ01
KÇ20	0.00	1.40	0.00	.56	0.00	.21	DÇ04
KÇ20	1.40	1.20	.56	.08	.21	.03	DÇ04
KÇ21	.20	1.20	.08	.56	.03	.21	DÇ04
KÇ21	3.40	1.20	.56	.08	.21	.03	DÇ04
KÇ22	2.00	1.20	.48	0.00	.18	0.00	DÇ05
KÇ22	3.20	.80	0.00	.32	0.00	.12	DÇ10
KÇ22	4.00	.60	.32	.08	.12	.03	DÇ10
KÇ23	.20	1.15	.58	.58	.22	.22	DÇ07
KÇ23	1.40	1.20	.56	.08	.21	.03	DÇ06
KÇ24	.20	1.25	.08	.58	.03	.22	DÇ07
KÇ24	1.60	1.60	.64	0.00	.24	0.00	DÇ05
KÇ25	.20	3.55	.40	.40	.15	.15	DÇ08
KÇ26	.25	.55	.58	.58	.22	.22	DÇ07
KÇ26	.80	1.45	.58	0.00	.22	0.00	DÇ07
KÇ26	2.25	1.00	0.00	.40	0.00	.15	DÇ01
KÇ27	0.00	1.60	0.00	.64	0.00	.24	DÇ05
KÇ27	.80	.50	.32	.32	.12	.12	DÇ10
KÇ27	1.60	1.45	.64	.64	.24	.24	DÇ05
KÇ27	3.05	1.40	.64	.08	.24	.03	DÇ05
KÇ28	0.00	.80	0.00	.32	0.00	.12	DÇ10
KÇ29	0.00	1.20	.48	0.00	.18	0.00	DÇ06
SB02	0.00	0.00	0.00		0.00		DB08
SB03	0.00	0.00	.31		.12		DB09
SB04	0.00	0.00	.36		.14		DB08
SB05	0.00	0.00	.30		.12		DB07
SB06	0.00	0.00	.31		.12		DB09
SB06	0.00	0.00	0.00		0.00		DB01
SB07	0.00	0.00	.41		.16		DB05
SB08	0.00	0.00	.22		.09		DB07
SB08	0.00	0.00	.62		.24		DB05
SB09	0.00	0.00	.10		.07		DB06
SB09	0.00	0.00	0.00		0.00		DB01
SB10	0.00	0.00	.23		.10		DB01
SB11	0.00	0.00	0.00		0.00		DB05
SB12	0.00	0.00	.49		.19		DB04
SB12	0.00	0.00	.03		.01		DB10
SB12	0.00	0.00	0.00		0.00		DB02
SB13	0.00	0.00	.02		.02		DB02
SB14	0.00	0.00	0.00		0.00		DB04
SB15	0.00	0.00	0.00		0.00		DB02
SB15	0.00	0.00	0.00		0.00		DB04
SB16	0.00	0.00	0.00		0.00		DB02
SB17	0.00	0.00	.20		.13		DB03
SB19	0.00	0.00	.29		.20		DB03
SZ02	0.00	0.00	0.00		0.00		DZ03
SZ03	0.00	0.00	.31		.12		DZ04
SZ04	0.00	0.00	.22		.15		DZ02
SZ05	0.00	0.00	.30		.20		DZ02
SZ06	0.00	0.00	.31		.12		DZ04
SZ06	0.00	0.00	.02		.01		DZ01
SZ08	0.00	0.00	.22		.15		DZ02
SZ09	0.00	0.00	.45		.30		DZ02
SZ10	0.00	0.00	.23		.10		DZ01
SA01	0.00	0.00	.31		.12		DA08
SA02	0.00	0.00	.31		.12		DA09
SA03	0.00	0.00	.26		.10		DA09
SA04	0.00	0.00	.31		.12		DA08
SA05	0.00	0.00	.41		.16		DA09
SA06	0.00	0.00	.31		.12		DA09
SA06	0.00	0.00	.02		.01		DA01
SA07	0.00	0.00	.33		.13		DA05
SA08	0.00	0.00	.02		.02		DA06
SA08	0.00	0.00	.49		.19		DA05
SA09	0.00	0.00	.45		.17		DA07
SA09	0.00	0.00	.08		.06		DA06
SA10	0.00	0.00	0.00		0.00		DA01
SA11	0.00	0.00	.31		.12		DA04
SA12	0.00	0.00	0.00		0.00		DA10
SA12	0.00	0.00	.03		.02		DA02
SA12	0.00	0.00	0.00		0.00		DA02
SA13	0.00	0.00	.01		.01		DA02
SA14	0.00	0.00	0.00		0.00		DA04
SA15	0.00	0.00	0.00		0.00		DA02
SA15	0.00	0.00	0.00		0.00		DA04
SA16	0.00	0.00	.04		.03		DA02
SA17	0.00	0.00	.20		.08		DA03
SA19	0.00	0.00	.29		.11		DA03
S102	0.00	0.00	0.00		0.00		D108
S102	0.00	0.00	.31		.12		D109
S104	0.00	0.00	.22		.09		D107
S105	0.00	0.00	0.00		0.00		D108
S105	0.00	0.00	.26		.10		D107
S106	0.00	0.00	.02		.01		D101
S107	0.00	0.00	.19		.07		D107
S108	0.00	0.00	.22		.09		D107
S108	0.00	0.00	.41		.16		D105
S109	0.00	0.00	.37		.14		D107
S109	0.00	0.00	.06		.04		D106
S110	0.00	0.00	0.00		0.00		D101
S110	0.00	0.00	.23		.10		D101
S111	0.00	0.00	0.00		0.00		D105
S112	0.00	0.00	0.00		0.00		D102
S112	0.00	0.00	.37		.14		D104
S113	0.00	0.00	.02		.02		D102
S114	0.00	0.00	.24		.09		D103
S115	0.00	0.00	0.00		0.00		D102
S115	0.00	0.00	0.00		0.00		D102
S116	0.00	0.00	.03		.02		D102
S116	0.00	0.00	0.00		0.00		D102
S118	0.00	0.00	.29		.11		D103
S201	0.00	0.00	.26		.10		D208
S202	0.00	0.00	0.00		0.00		D208
S203	0.00	0.00	.21		.08		D209
S204	0.00	0.00	.31		.12		D208

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPt YÜK BÝLGÝLERÝ

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no	Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
S206	0.00	0.00	0.00		0.00		D201	S206	0.00	0.00	.02		.01		D201
S207	0.00	0.00	.15		.06		D207	S207	0.00	0.00	.33		.13		D205
S208	0.00	0.00	.33		.13		D205	S208	0.00	0.00	.22		.09		D207
S208	0.00	0.00	.04		.03		D206	S208	0.00	0.00	.02		.02		D206
S209	0.00	0.00	.34		.13		D207	S209	0.00	0.00	.05		.04		D206
S209	0.00	0.00	0.00		0.00		D201	S209	0.00	0.00	.02		.02		D206
S210	0.00	0.00	.23		.10		D201	S210	0.00	0.00	0.00		0.00		D201
S210	0.00	0.00	.23		.10		D201	S211	0.00	0.00	0.00		0.00		D205
S211	0.00	0.00	.31		.12		D204	S212	0.00	0.00	0.00		0.00		D210
S212	0.00	0.00	0.00		0.00		D202	S212	0.00	0.00	.37		.14		D204
S212	0.00	0.00	.02		.01		D210	S212	0.00	0.00	.02		.02		D202
S213	0.00	0.00	.01		.01		D202	S213	0.00	0.00	.01		.01		D202
S214	0.00	0.00	.24		.09		D203	S214	0.00	0.00	0.00		0.00		D204
S215	0.00	0.00	0.00		0.00		D202	S215	0.00	0.00	0.00		0.00		D202
S215	0.00	0.00	.25		.09		D203	S215	0.00	0.00	0.00		0.00		D204
S216	0.00	0.00	.03		.02		D202	S216	0.00	0.00	.34		.13		D203
S216	0.00	0.00	0.00		0.00		D202	S217	0.00	0.00	.20		.08		D203
S218	0.00	0.00	.29		.11		D203	S219	0.00	0.00	.20		.08		D203
S301	0.00	0.00	.26		.10		D308	S302	0.00	0.00	.18		.19		D311
S302	0.00	0.00	0.00		0.00		D308	S302	0.00	0.00	.31		.12		D309
S303	0.00	0.00	.21		.08		D309	S304	0.00	0.00	.31		.12		D308
S304	0.00	0.00	.22		.09		D307	S305	0.00	0.00	.31		.12		D309
S305	0.00	0.00	0.00		0.00		D308	S305	0.00	0.00	.22		.09		D307
S306	0.00	0.00	.02		.01		D301	S306	0.00	0.00	.31		.12		D309
S306	0.00	0.00	0.00		0.00		D301	S307	0.00	0.00	.15		.06		D307
S307	0.00	0.00	.25		.10		D305	S308	0.00	0.00	.02		.02		D306
S308	0.00	0.00	.29		.11		D305	S308	0.00	0.00	.22		.09		D307
S308	0.00	0.00	.03		.02		D306	S309	0.00	0.00	.02		.02		D306
S309	0.00	0.00	.03		.02		D306	S309	0.00	0.00	0.00		0.00		D301
S309	0.00	0.00	.26		.10		D307	S310	0.00	0.00	.23		.10		D301
S310	0.00	0.00	.23		.10		D301	S310	0.00	0.00	0.00		0.00		D301
S311	0.00	0.00	.31		.12		D304	S311	0.00	0.00	0.00		0.00		D305
S312	0.00	0.00	0.00		0.00		D302	S312	0.00	0.00	.01		.01		D302
S312	0.00	0.00	0.00		0.00		D310	S312	0.00	0.00	.02		.01		D310
S312	0.00	0.00	.31		.12		D304	S313	0.00	0.00	.01		.01		D302
S313	0.00	0.00	.01		.01		D302	S314	0.00	0.00	0.00		0.00		D304
S314	0.00	0.00	.20		.08		D303	S315	0.00	0.00	0.00		0.00		D302
S315	0.00	0.00	0.00		0.00		D302	S315	0.00	0.00	0.00		0.00		D304
S315	0.00	0.00	.25		.09		D303	S316	0.00	0.00	0.00		0.00		D302
S316	0.00	0.00	.02		.02		D302	S316	0.00	0.00	.29		.11		D303
S317	0.00	0.00	.20		.08		D303	S318	0.00	0.00	.20		.08		D303
S319	0.00	0.00	.20		.08		D303	S401	0.00	0.00	.21		.08		D408
S402	0.00	0.00	0.00		0.00		D408	S402	0.00	0.00	.12		.13		D411
S402	0.00	0.00	.21		.08		D409	S403	0.00	0.00	.21		.08		D409
S404	0.00	0.00	.26		.10		D408	S404	0.00	0.00	.19		.07		D407
S405	0.00	0.00	.31		.12		D409	S405	0.00	0.00	.22		.09		D407
S405	0.00	0.00	0.00		0.00		D408	S406	0.00	0.00	.02		.01		D401
S406	0.00	0.00	0.00		0.00		D401	S406	0.00	0.00	.31		.12		D409
S407	0.00	0.00	.21		.08		D405	S407	0.00	0.00	.15		.06		D407
S408	0.00	0.00	.01		.01		D406	S408	0.00	0.00	.02		.02		D406
S408	0.00	0.00	.25		.10		D405	S408	0.00	0.00	.19		.07		D407
S409	0.00	0.00	.22		.09		D407	S409	0.00	0.00	0.00		0.00		D401
S409	0.00	0.00	.01		.01		D406	S409	0.00	0.00	.02		.02		D406
S410	0.00	0.00	0.00		0.00		D401	S410	0.00	0.00	.23		.10		D401
S410	0.00	0.00	.23		.10		D401	S411	0.00	0.00	0.00		0.00		D405
S411	0.00	0.00	.31		.12		D404	S412	0.00	0.00	.31		.12		D404
S412	0.00	0.00	0.00		0.00		D402	S412	0.00	0.00	.01		.01		D402
S412	0.00	0.00	0.00		0.00		D410	S412	0.00	0.00	.01		.01		D410
S413	0.00	0.00	.01		.01		D402	S413	0.00	0.00	.01		.01		D402
S414	0.00	0.00	.20		.08		D403	S414	0.00	0.00	0.00		0.00		D404
S415	0.00	0.00	0.00		0.00		D402	S415	0.00	0.00	0.00		0.00		D402
S415	0.00	0.00	.25		.09		D403	S415	0.00	0.00	0.00		0.00		D404
S416	0.00	0.00	.24		.09		D403	S416	0.00	0.00	.01		.01		D402
S416	0.00	0.00	0.00		0.00		D402	S417	0.00	0.00	.20		.08		D403
S418	0.00	0.00	.20		.08		D403	S419	0.00	0.00	.20		.08		D403
S501	0.00	0.00	.21		.08		D508	S502	0.00	0.00	.12		.13		D511
S502	0.00	0.00	.21		.08		D509	S502	0.00	0.00	0.00		0.00		D508
S503	0.00	0.00	.21		.08		D509	S504	0.00	0.00	.19		.07		D507
S504	0.00	0.00	.26		.10		D508	S505	0.00	0.00	0.00		0.00		D508
S505	0.00	0.00	.31		.12		D509	S505	0.00	0.00	.22		.09		D507
S506	0.00	0.00	0.00		0.00		D501	S506	0.00	0.00	.02		.01		D501
S506	0.00	0.00	.31		.12		D509	S507	0.00	0.00	.15		.06		D507
S507	0.00	0.00	.21		.08		D505	S508	0.00	0.00	.02		.02		D506
S508	0.00	0.00	.01		.01		D506	S508	0.00	0.00	.19		.07		D507
S508	0.00	0.00	.25		.10		D505	S509	0.00	0.00	.02		.02		D506
S509	0.00	0.00	0.00		0.00		D501	S509	0.00	0.00	.01		.01		D506
S509	0.00	0.00	.22		.09		D507	S510	0.00	0.00	.23		.10		D501
S510	0.00	0.00	.23		.10		D501	S510	0.00	0.00	0.00		0.00		D501
S511	0.00	0.00	.31		.12		D504	S511	0.00	0.00	0.00		0.00		D505
S512	0.00	0.00	0.00		0.00		D510	S512	0.00	0.00	.01		.01		D510
S512	0.00	0.00	0.00		0.00		D502	S512	0.00	0.00	.31		.12		D504
S512	0.00	0.00	.01		.01		D502	S513	0.00	0.00	.01		.01		D502
S513	0.00	0.00	.01		.01		D502	S514	0.00	0.00	0.00		0.00		D504
S514	0.00	0.00	.20		.08		D503	S515	0.00	0.00	.25		.09		D503
S515	0.00	0.00	0.00		0.00		D504	S515	0.00	0.00	0.00		0.00		D502
S515	0.00	0.00	0.00		0.00		D502	S516	0.00	0.00	.24		.09		D503
S516	0.00	0.00	.01		.01		D502	S516	0.00	0.00	0.00		0.00		D502
S517	0.00	0.00	.20		.08		D503	S518	0.00	0.00	.20		.08		D503
S519	0.00	0.00	.20		.08		D503	S601	0.00	0.00	.21		.08		D608
S602	0.00	0.00	0.00		0.00		D608	S602	0.00	0.00	.12		.13		D611
S602	0.00	0.00	.21		.08		D609	S603	0.00	0.00	.21		.08		D609
S604	0.00	0.00	.15		.06		D607	S604	0.00	0.00	.21		.08		D608
S605	0.00	0.00	.31		.12		D609	S605	0.00	0.00	0.00		0.00		D608
S605	0.00	0.00	.22		.09		D607	S606	0.00	0.00	0.00		0.00		D601
S606	0.00	0.00	.26		.10		D609	S606	0.00	0.00	.01		.01		D601
S607	0.00	0.00	.16		.06		D605	S607	0.00	0.00	.15		.06		D607
S608	0.00	0.00	.15		.06		D607	S608	0.00	0.00	.21		.08		D605
S608	0.00	0.00	.01		.01		D606	S608	0.00	0.00	.01		.01		D606
S609	0.00	0.00	.01		.01		D606	S609	0.00	0.00	0.00		0.00		D601
S609	0.00	0.00	.22		.09		D607	S609	0.00	0.00	.02		.02		D606
S610	0.00	0.00	.23		.10		D601	S610	0.00	0.00	.23		.10		D601
S610	0.00	0.00	0.00		0.00		D601	S611	0.00	0.00	0.00		0.00		D605
S611	0.00	0.00	.31		.12		D604	S612	0.00	0.00	0.00		0.00		D602
S612	0.00	0.00	.01		.01		D602	S612	0.00	0.00	.25		.10		D604
S612	0.00	0.00	0.00		0.00		D610	S612	0.00	0.00	.01		0.00		D610
S613	0.00	0.00	.01		.01		D602	S613	0.00	0.00	.01		.01		D602
S614	0.00	0.00	0.00		0.00		D604	S614	0.00	0.00	.20		.08		D603
S615	0.00	0.00	0.00		0.00		D602	S615	0.00	0.00	.20		.08		D603
S615	0.00	0.00	0.00		0.00		D604	S615	0.00	0.00	0.00		0.00		D602
S616	0.00	0.00	0.00		0.00		D602	S616	0.00	0.00	.24		.09		D603
S616	0.00	0.00	.01		.01		D602	S617	0.00	0.00	.20		.08		D603
S618	0.00	0.00	.20		.08		D603	S619	0.00	0.00	.20		.08		D603
SÇ04	0.00	0.00	.08		.03		DÇ08	SÇ04	0.00	0.00	.01		0.00		DÇ07
SÇ04	0.00	0.00	0.00		0.00		DÇ07	SÇ05	0.00	0.00	.10		.04		DÇ08

FýRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KýRýPt YÜK BýLGýLERý

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
SÇ07	0.00	0.00	.01		0.00		DÇ05
SÇ07	0.00	0.00	.01		0.00		DÇ07
SÇ08	0.00	0.00	.01		0.00		DÇ06
SÇ08	0.00	0.00	.01		0.00		DÇ06
SÇ08	0.00	0.00	.01		0.00		DÇ05
SÇ09	0.00	0.00	0.00		0.00		DÇ07
SÇ09	0.00	0.00	.01		0.00		DÇ07
SÇ10	0.00	0.00	.01		0.00		DÇ06
SÇ10	0.00	0.00	.20		.07		DÇ01
SÇ11	0.00	0.00	0.00		0.00		DÇ05
SÇ11	0.00	0.00	.01		0.00		DÇ04
SÇ11	0.00	0.00	.33		.13		DÇ04
SÇ12	0.00	0.00	.01		0.00		DÇ10
SÇ12	0.00	0.00	.01		0.00		DÇ04
SÇ12	0.00	0.00	0.00		0.00		DÇ10
SÇ13	0.00	0.00	.01		0.00		DÇ02
SÇ14	0.00	0.00	.08		.03		DÇ03
SÇ15	0.00	0.00	0.00		0.00		DÇ02
SÇ15	0.00	0.00	0.00		0.00		DÇ04
SÇ15	0.00	0.00	.08		.03		DÇ03
SÇ16	0.00	0.00	.08		.03		DÇ03

Kiriş no	A1 (m)	A2 (m)	G1 (t/m²)	G2 (t/m²)	Q1 (t/m²)	Q2 (t/m²)	Doseme no
SÇ07	0.00	0.00	0.00		0.00		DÇ07
SÇ07	0.00	0.00	.01		0.00		DÇ05
SÇ08	0.00	0.00	0.00		0.00		DÇ05
SÇ08	0.00	0.00	.12		.04		DÇ07
SÇ09	0.00	0.00	0.00		0.00		DÇ01
SÇ09	0.00	0.00	.01		0.00		DÇ06
SÇ10	0.00	0.00	.20		.08		DÇ01
SÇ10	0.00	0.00	0.00		0.00		DÇ01
SÇ11	0.00	0.00	.22		.08		DÇ05
SÇ11	0.00	0.00	.39		.15		DÇ04
SÇ11	0.00	0.00	.51		.19		DÇ05
SÇ12	0.00	0.00	.01		0.00		DÇ04
SÇ12	0.00	0.00	.01		0.00		DÇ02
SÇ12	0.00	0.00	0.00		0.00		DÇ02
SÇ13	0.00	0.00	.01		0.00		DÇ02
SÇ14	0.00	0.00	.01		0.00		DÇ04
SÇ14	0.00	0.00	0.00		0.00		DÇ04
SÇ15	0.00	0.00	.01		0.00		DÇ04
SÇ15	0.00	0.00	0.00		0.00		DÇ02
SÇ16	0.00	0.00	0.00		0.00		DÇ02
SÇ16	0.00	0.00	.01		0.00		DÇ02

DÖPtEME PtERÝT BÝLGÝLERÝ

YÖN	DÖPtEME PtERÝTÝ
X	-D101-D109-
X	-D107-D108-
X	-D110-D106-D107-D108-
Y	-D104-D102-
Y	-D105-D106-
X	-D201-D204-
X	-D202-D203-
X	-D301-D309-D311
X	-D307-D308-
X	-D310-D306-D307-D308-
Y	-D304-D302-
Y	-D305-D306-
X	-D401-D409-D411
X	-D407-D408-
X	-D410-D406-D407-D408-
Y	-D404-D402-
Y	-D405-D406-
X	-D501-D509-D511
X	-D507-D508-
X	-D510-D506-D507-D508-
Y	-D504-D502-
Y	-D505-D506-
X	-D601-D609-D611
X	-D607-D608-
X	-D610-D606-D607-D608-
Y	-D604-D602-
Y	-D605-D606-
X	-D701-D709-D711
X	-D707-D708-
X	-D710-D706-D707-D708-
Y	-D704-D702-
Y	-D705-D706-
X	-D801-D809-D811
X	-D807-D808-
X	-D810-D806-D807-D808-
Y	-D804-D802-
Y	-D805-D806-
X	-D901-D909-D911
X	-D907-D908-
X	-D910-D906-D907-D908-
Y	-D904-D902-
Y	-D905-D906-
X	-D1001-D1008
X	D1003-D1004-D1005-D1007-D1008
X	D1003-D1002-
X	-D1006-D1007-D1008
X	-D1010-D1006-D1007-D1008
Y	-D1004-D1002-
Y	-D1005-D1006-

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

DÖPtEME BÝLGÝLERÝ

Dõşeme	Sol Aks	Sag Aks	Ust Aks	Alt Aks	yön	d(cm)	bo	bt	g (t/m²)	q (t/m²)	gx (t/m²)	gy (t/m²)	qx (t/m²)	qy (t/m²)
DB01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
DB02	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
DB03	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.350	.516	0.000	.350	0.000
DB04	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DB05	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DB06	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
DB07	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DB08	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DB09	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DB10	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
DZ01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
DZ02	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.350	.516	0.000	.350	0.000
DZ03	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DZ04	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
DA02	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
DA03	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA04	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DA05	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
DA06	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
DA07	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA08	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA09	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
DA10	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
DA11	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.462	.500	.462	0.000	.500	0.000
D101	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D102	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D103	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D104	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D105	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D106	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D107	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D108	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D109	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D110	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D111	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D201	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D202	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D203	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D204	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D205	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D206	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D207	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D208	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D209	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D210	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D211	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D301	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D302	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D303	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D304	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D305	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D306	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D307	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D308	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D309	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D310	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D311	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D401	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D402	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D403	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D404	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D405	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D406	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D407	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D408	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D409	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D410	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D411	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D501	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D502	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D503	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D504	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D505	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D506	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D507	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D508	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D509	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D510	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D511	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
D601	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.461	.200	.127	.334	.055	.145
D602	2X	3X	4Y	6Y	PLAK	10.	100.	0.	.442	.350	.178	.264	.141	.209
D603	1X	2X	1Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D604	2X	3X	1Y	4Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D605	3X	4X	1Y	2Y	Y-ASMOLEN	25.	10.	50.	.516	.200	0.000	.516	0.000	.200
D606	7X	4X	2Y	5Y	PLAK	10.	100.	0.	.461	.350	.184	.277	.140	.210
D607	4X	5X	1Y	5Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D608	5X	6X	1Y	3Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D609	5X	6X	3Y	6Y	X-ASMOLEN	25.	10.	50.	.516	.200	.516	0.000	.200	0.000
D610	3X	7X	3Y	4Y	PLAK	10.	100.	0.	.461	.200	.008	.453	.003	.197
D611	6X	8X	7Y	8Y	PLAK	10.	100.	0.	.461	.500	.461	0.000	.500	0.000
DÇ01	4X	5X	5Y	6Y	PLAK	10.	100.	0.	.399	.150	.060	.339	.022	.128
DÇ02	2X	3X	4Y	6Y	PLAK	10.	0.	0.	.399	.150	.161	.238	.060	.090
DÇ03	9X	2X	1Y	6Y	PLAK	10.	0.	0.	.399	.150	.399	0.000	.150	0.000
DÇ04	2X	3X	1Y	4Y	PLAK	10.	0.	0.	.399	.150	.351	.048	.132	.018
DÇ05	3X	4X	1Y	2Y	PLAK	10.	0.	0.	.399	.150	.123	.276	.046	.104
DÇ06	7X	4X	2Y	5Y	PLAK	10.	0.	0.	.399	.150	.193	.206	.073	.077
DÇ07	4X	5X	1Y	5Y	PLAK	10.	0.	0.	.399	.150	.386	.013	.145	.005
DÇ08	5X	10X	1Y	6Y	PLAK	10.	0.	0.	.399	.150	.399	0.000	.150	0.000
DÇ10	3X	7X	2Y	4Y	PLAK	10.	0.	0.	.399	.150	.283	.116	.106	.044

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KYRYPt STATYK HESAP SONUCLARI

Kirlis		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
KB02	SolM	2.30	.67	.56	.09	.12	.61	.58	0.00	.97	2.19	-9.55	-7.73	.06	.17	-3.07	-2.50
	SagM	-1.63	-.33	-.29	-.05	.02	-.26	-.44	0.00	.98	2.15	-8.62	-6.88	.06	.17	-2.77	-2.23
	SolV	2.87	.78						0.00	4.81				1.55	Maç=	1.61	(tm)
	SagV	-2.48	-.60						0.00	4.81				1.55	Xaç=	2.02	m
KB01	SolM	2.87	.65	.12	.53	.53	.11	.67	0.00	-.72	.16	-6.97	-5.66	-.07	0.00	-2.23	-1.82
	SagM	-1.05	-.33	-.01	-.33	-.38	0.00	-.29	0.00	-.52	.32	-6.59	-5.34	-.06	.02	-2.11	-1.72
	SolV	3.24	.80						0.00	3.45				1.10	Maç=	2.11	(tm)
	SagV	-2.35	-.64						0.00	3.45				1.10	Xaç=	2.24	m
KB07	SolM	.37	0.00	.01	-.01	-.02	.01	.01	0.00	1.60	1.79	.05	.34	.14	.15	0.00	.09
	SagM	-1.85	-.09	.01	-.09	-.10	.01	-.07	0.00	2.27	2.61	.15	.66	.19	.22	.02	.18
	SolV	1.14	-.03						0.00	1.29				.11	Maç=	.62	(tm)
	SagV	-1.92	-.03						0.00	1.29				.11	Xaç=	1.28	m
KB06	SolM	1.24	.17	-.09	.27	.27	-.11	.20	0.00	2.96	3.31	-.71	-.20	.25	.28	-.23	-.07
	SagM	-2.12	-.57	-.16	-.40	-.41	-.19	-.53	0.00	2.62	2.86	-.68	-.32	.23	.25	-.22	-.10
	SolV	2.31	.45						0.00	2.11				.18	Maç=	1.13	(tm)
	SagV	-3.15	-.78						0.00	2.11				.18	Xaç=	1.35	m
KB05	SolM	3.33	.63	.55	.07	.08	.56	.60	0.00	2.57	2.83	-.34	.05	.22	.24	-.12	0.00
	SagM	-2.74	-.47	-.57	.09	.10	-.53	-.53	0.00	2.77	3.09	-.35	.13	.23	.26	-.13	.02
	SolV	3.82	.72						0.00	1.31				.11	Maç=	2.37	(tm)
	SagV	-3.36	-.61						0.00	1.31				.11	Xaç=	2.33	m
KB04	SolM	1.06	.03	.04	.01	0.00	.08	.02	0.00	5.97	6.79	-.17	1.04	.50	.57	-.11	.27
	SagM	-1.45	-.07	-.02	-.02	-.04	-.01	-.04	0.00	7.02	8.02	-.27	1.21	.59	.68	-.15	.31
	SolV	1.37	-.01						0.00	4.36				.37	Maç=	.24	(tm)
	SagV	-1.59	-.01						0.00	4.36				.37	Xaç=	1.60	m
KB03	SolM	.25	.15	.07	.09	.15	.26	-.08	0.00	71.33	83.19	-4.21	13.92	6.36	7.45	-2.21	3.74
	SagM	.46	.13	.05	.10	.15	.25	-.09	0.00	71.57	83.50	-4.24	13.99	6.37	7.48	-2.22	3.76
	SolV	.20	.08						0.00	46.26				4.14	Maç=	0.00	(tm)
	SagV	.20	.08						0.00	46.26				4.14	Xaç=	0.00	m
KB08	SolM	.11	.09	.12	-.02	-.03	.12	.10	0.00	.04	-.24	-1.88	-2.31	.01	-.02	-.57	-.71
	SagM	-2.27	-.93	-.51	-.40	-.40	-.49	-.94	0.00	-.67	-1.09	-2.68	-3.31	-.05	-.09	-.82	-1.02
	SolV	1.61	.71						0.00	1.78				.55	Maç=	2.09	(tm)
	SagV	-2.88	-1.19						0.00	1.78				.55	Xaç=	1.21	m
KB09	SolM	3.37	1.34	.30	1.04	1.06	.30	1.32	0.00	2.04	1.05	-5.28	-6.76	.19	.10	-1.59	-2.05
	SagM	-2.32	-.98	.09	-1.07	-1.08	.11	-.98	0.00	2.25	.97	-7.34	-9.24	.21	.10	-2.22	-2.81
	SolV	3.55	1.48						0.00	3.48				1.06	Maç=	2.98	(tm)
	SagV	-3.13	-1.34						0.00	3.48				1.06	Xaç=	2.39	m
KB10	SolM	.38	.42	.05	.35	.38	.23	.19	0.00	77.58	65.69	3.76	-14.44	7.31	6.20	2.08	-3.91
	SagM	.63	.30	.04	.24	.28	.22	.07	0.00	76.55	64.82	3.62	-14.34	7.22	6.13	2.03	-3.89
	SolV	.30	.21						0.00	44.96				4.24	Maç=	0.00	(tm)
	SagV	.30	.21						0.00	44.96				4.24	Xaç=	0.00	m
KB11	SolM	1.71	.42	.06	.36	.37	.09	.39	0.00	5.95	5.10	.56	-.70	.53	.45	.23	-.17
	SagM	-.26	-.05	.04	-.09	-.09	.05	-.07	0.00	2.77	2.39	.22	-.35	.25	.21	.09	-.09
	SolV	2.02	.43						0.00	3.06				.27	Maç=	.82	(tm)
	SagV	-1.12	-.24						0.00	3.06				.27	Xaç=	1.78	m
KB12	SolM	.58	.28	-.10	.38	.36	-.13	.34	0.00	-.17	-.18	-1.59	-1.61	-.01	-.01	-.48	-.48
	SagM	-1.18	-.39	-.08	-.31	-.33	-.11	-.34	0.00	-.08	-.24	-3.23	-3.46	0.00	-.02	-.99	-1.07
	SolV	1.28	.56						0.00	1.57				.48	Maç=	1.89	(tm)
	SagV	-1.57	-.65						0.00	1.57				.48	Xaç=	1.39	m
KB13	SolM	.77	.12	.08	.04	.05	.10	.10	0.00	3.55	3.12	-.07	-.71	.31	.28	.01	-.19
	SagM	-1.40	-.13	-.17	.05	.05	-.16	-.14	0.00	5.56	4.82	-.09	-1.19	.49	.43	.03	-.31
	SolV	1.82	.21						0.00	2.62				.23	Maç=	1.30	(tm)
	SagV	-1.71	-.17						0.00	2.62				.23	Xaç=	1.58	m
KB14	SolM	1.97	.19	.08	.10	.10	.13	.12	0.00	5.69	4.88	.33	-.87	.50	.43	.16	-.21
	SagM	.12	.19	.09	.09	.11	.15	.11	0.00	3.93	3.38	.21	-.60	.35	.30	.11	-.15
	SolV	1.91	.11						0.00	2.85				.25	Maç=	1.02	(tm)
	SagV	-.90	.11						0.00	2.85				.25	Xaç=	2.40	m
KB15	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-1.57	-.73	-.04	-.69	-.69	-.74	-.04	0.00	2.02	1.91	-.02	-.19	.18	.17	0.00	-.05
	SolV	.65	.19						0.00	0.00				0.00	Maç=	1.70	(tm)
	SagV	-1.66	-.82						0.00	0.00				0.00	Xaç=	2.01	m
KB18	SolM	1.11	.35	.15	.20	.20	.34	.16	0.00	3.08	2.91	-.03	-.28	.27	.25	0.00	-.07
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.10	.25						0.00	0.00				0.00	Maç=	.66	(tm)
	SagV	-.62	-.13						0.00	0.00				0.00	Xaç=	2.00	m
KB19	SolM	.46	.16	.07	.08	.10	.11	.10	0.00	3.63	3.55	.12	0.00	.32	.31	.04	.01
	SagM	.16	.19	.09	.09	.12	.13	.11	0.00	3.13	3.06	.10	0.00	.27	.27	.04	.01
	SolV	.44	.11						0.00	2.15				.19	Maç=	.52	(tm)
	SagV	-.09	.11						0.00	2.15				.19	Xaç=	3.15	m
KB20	SolM	.89	.15	.30	-.16	-.20	.25	.24	0.00	4.14	4.16	1.91	1.93	.36	.36	.56	.56
	SagM	-2.08	-.90	-.69	-.21	-.24	-.81	-.75	0.00	3.20	3.28	1.76	1.87	.28	.29	.51	.54
	SolV	2.27	.59						0.00	2.61				.39	Maç=	1.76	(tm)
	SagV	-3.29	-1.22						0.00	2.61				.39	Xaç=	1.30	m
KB28	SolM	1.05	.41	0.00	.41	.41	.30	.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
KB21	SolM	2.55	1.20	1.23	-.04	-.03	1.24	1.19	0.00	.42	.03	-3.52	-4.10	.04	.01	-1.07	-1.25
	SagM	-3.95	-1.65	-1.53	-.12	-.10	-1.52	-1.68	0.00	.58	.26	-2.63	-3.12	.05	.03	-.80	-.95
	SolV	2.89	1.45						0.00	1.62				.50	Maç=	3.54	(tm)
	SagV	-4.53	-1.87						0.00	1.62				.50	Xaç=	2.63	m
KB17	SolM	1.41	.81	.37	.45	.44	.32	.89	0.00	-1.27	-1.75	-6.27	-6.99	-.10	-.14	-1.94	-2.17
	SagM	-1.74	-.98	.06	-1.03	-1.08	.03	-.89	0.00	-1.47	-2.26	-8.97	-10.15	-.11	-.18	-2.77	-3.14
	SolV	2.01	1.27						0.00	5.40				1.67	Maç=	1.51	(tm)
	SagV	-2.29	-1.44						0.00	5.40				1.67	Xaç=	1.52	m
KB22	SolM	3.53	.38	.33	.02	.09	.43	.18	0.00	-.08	-1.54	-25.59	-27.77	.02	-.11	-7.99	-8.67
	SagM	-.48	-.01	.16	-.19	-.14	.21	-.11	0.00	.03	-.55	-9.57	-10.44	.01	-.04	-3.01	-3.28
	SolV	2.00	.11						0.00	10.83				3.39	Maç=	.31	(tm)
	SagV	-1.14	.07						0.00	10.83				3.39	Xaç=	2.72	m
KB24	SolM	1.16	.36	.25	.10	.12	.27	.32	0.00	-.39	-.34	-6.78	-6.71	-.03	-.03	-2.11	-2.08
	SagM	-.97	-.12	-.16	.03	.06	-.17	-.16	0.00	-.45	-.43	-5.39	-5.37	-.04	-.04	-1.67	-1.66
	SolV	1.93	.49						0.00	3.80				1.18	Maç=	1.09	(tm)
	SagV	-1.82	-.35						0.00	3.80				1.18	Xaç=	1.66	m
KB23	SolM	.09	-.09	.06	-.14	-.17	-.15	.16	0.00	.23	.39	-10.21	-9.97	.02	.03	-3.19	-3.11
	SagM	-1.73	-.76	-.05	-.71	-.76	-.23	-.51	0.00	.13	.36	-14.60	-14.26	.01	.03	-4.56	-4.45
	SolV	.71	.22						0.00	10.66				3.33	Maç=	.67	(tm)
	SagV	-1.97	-.91						0.00	10.66				3.33	Xaç=	.69	m
KB16	SolM	-.61	-.30	-.17	-.12	-.18	-.25	-.14	0.00	.52	.72	-16.25	-15.95	.04	.06	-5.15	-5.05
	SagM	-.65	-.25	-.12	-.11	-.16	-.19	-.12	0.00	.45	.64	-14.70	-14.42	.03	.05	-4.65	-4.56
	SolV	-.34	-.25						0.00	13.90				4.40	Maç=	1.33	(tm)
	SagV	-.86	-.25						0.00	13.90				4.40	Xaç=	0.00	m
KB25	SolM	3.10	.98	.91	.07	.10	.94	.92	0.00	-1.33	-.69	-9.60	-8.65	-.12	-.07	-3.04	-2.74
	SagM	-2.17	-.78	-.72	-.07	0.00	-.70	-.87	0.00	-1.28	-.71	-9.36	-8.50	-.12	-.07	-2.96	-2.69
	SolV	3.69	1.23						0.00	5.02				1.59	Maç=	2.01	(tm)
	SagV	-3.16	-1.11						0.00	5.02				1.59	Xaç=	2.00	m
KB26	SolM	3.67	1.14	.16	.98	.99	.15	1.13	0.00	-.39	.26	-8.68	-7.71	-.04	.01	-2.75	-2.45
	SagM	-1.95	-.66	.02	-.68	-.73	.03	-.62	0.00	-.42	.20	-8.49	-7.56	-.05	.01	-2.69	-2.40
	SolV	4.15	1.34						0.00	4.40				1.39	Maç=	2.81	(tm)
	SagV	-3.02	-1.00						0.00	4.40				1.39	Xaç=	2.07	m
KB27	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-7.32	-2.98	0.00	-2.99	-2.98	-2.99	0.00	0.00	.91	.92	-.04	-.02	.08	.08	-.01	-.01
	SolV	1.06	.28						0.00	0.00				0.00	Maç=	5.05	(tm)
	SagV	-4.99	-2.14						0.00	0.00				0.00	Xaç=	3.43	m
KB29	SolM	-.09	-.06	-.01	-.05	-.05	0.00	-.06	0.00	.14	.14	.17	.16	.01	.01	.06	.06
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	.31	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
KZ01	SolM	3.15	.67	.48	.20	.69	.51	.16	0.00	-1.17	.07	-9.43	-7.59	-.12	-.01	-2.97	-2.41
	SagM	-1.37	-.46	-.36	-.10	-.37	-.44	-.11	0.00	-.74	.44	-8.86	-7.11	-.08	.02	-2.79	-2.26
	SolV	3.23	.77						0.00	4.66				1.47	Maç=	1.69	(tm)
	SagV	-2.36	-.67						0.00	4.66				1.47	Xaç=	2.22	m
KZ04	SolM	-.41	-.32	-.12	-.17	-.21	-.17	-.21	0.00	11.60	13.05	-.37	1.77	.96	1.08	-.21	.44
	SagM	-2.60	-.35	-.15	-.17	-.21	-.21	-.22	0.00	12.82	14.53	-.41	2.10	1.06	1.20	-.24	.53
	SolV	.60	-.20						0.00	8.17				.68	Maç=	1.17	(tm)
	SagV	-2.36	-.20						0.00	8.17				.68	Xaç=	.71	m
KZ03	SolM	-.37	.08	.07	.04	.18	.08	-.04	0.00	86.40	99.90	2.34	22.87	7.48	8.70	-.44	6.19
	SagM	.08	.07	.09	.02	.17	.10	-.06	0.00	86.99	100.63	2.26	22.98	7.53	8.75	-.47	6.21
	SolV	-.08	.04						0.00	55.66				4.84	Maç=	0.00	(tm)
	SagV	-.08	.04						0.00	55.66				4.84	Xaç=	0.00	m
KZ05	SolM	1.15	.17	.07	.11	.14	.08	.12	0.00	5.99	5.28	-.20	-1.26	.52	.46	0.00	-.33
	SagM	-.54	0.00	.10	-.10	-.04	.13	-.08	0.00	9.48	8.25	-.31	-2.12	.82	.72	.01	-.55
	SolV	2.16	.27						0.00	4.52				.39	Maç=	1.59	(tm)
	SagV	-1.37	-.11						0.00	4.52				.39	Xaç=	1.80	m
KZ06	SolM	2.25	.28	.10	.16	.17	.17	.17	0.00	9.10	7.85	.35	-1.50	.79	.68	.20	-.36
	SagM	-.26	.15	.04	.09	.08	.09	.10	0.00	5.98	5.18	.22	-.97	.52	.45	.13	-.23
	SolV	1.95	.12						0.00	4.37				.38	Maç=	.57	(tm)
	SagV	-1.01	.12						0.00	4.37				.38	Xaç=	2.36	m
KZ08	SolM	1.39	.16	.06	.09	.11	.04	.16	0.00	6.12	5.82	-.15	-.59	.52	.50	-.02	-.15
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	2.11	.25						0.00	0.00				0.00	Maç=	1.43	(tm)
	SagV	-1.23	-.13						0.00	0.00				0.00	Xaç=	1.89	m
KZ09	SolM	.51	.17	.08	.09	.10	.12	.10	0.00	4.78	4.66	.17	-.01	.41	.40	.06	.01
	SagM	-.10	.12	.05	.06	.06	.09	.07	0.00	4.27	4.16	.15	0.00	.36	.36	.05	.01
	SolV	.40	.09						0.00	2.76				.24	Maç=	.06	(tm)
	SagV	-.18	.09						0.00	2.76				.24	Xaç=	2.42	m
KZ11	SolM	1.49	.61	.12	.48	.53	.16	.50	0.00	-.70	-.60	-9.79	-9.65	-.06	-.05	-3.00	-2.95
	SagM	-1.21	-.09	.09	-.19	-.18	.17	-.19	0.00	-.82	-.80	-7.92	-7.89	-.07	-.07	-2.42	-2.41
	SolV	2.79	.90						0.00	5.53				1.69	Maç=	1.96	(tm)
	SagV	-2.62	-.58						0.00	5.53				1.69	Xaç=	1.70	m
KZ10	SolM	.57	.02	-.04	.08	.15	-.09	.02	0.00	.51	.73	-15.00	-14.68	.04	.06	-4.60	-4.50
	SagM	-1.17	-.59	-.49	-.08	-.46	-.57	-.11	0.00	.35	.65	-20.81	-20.36	.02	.05	-6.37	-6.23
	SolV	1.05	.27						0.00	15.22				4.66	Maç=	.28	(tm)
	SagV	-1.40	-.69						0.00	15.22				4.66	Xaç=	.89	m
KZ07	SolM	-.53	-.45	-.11	-.30	-.30	-.21	-.31	0.00	1.09	1.32	-23.21	-22.86	.09	.11	-7.22	-7.11
	SagM	-1.05	-.43	-.14	-.26	-.30	-.23	-.27	0.00	.98	1.21	-21.82	-21.47	.08	.10	-6.79	-6.67
	SolV	-.22	-.40						0.00	20.46				6.37	Maç=	1.46	(tm)
	SagV	-1.37	-.40						0.00	20.46				6.37	Xaç=	0.00	m
KZ12	SolM	3.52	1.30	.09	1.20	1.18	.13	1.26	0.00	-2.24	-1.28	-14.53	-13.10	-.20	-.12	-4.52	-4.08
	SagM	-2.98	-.99	-.09	-.91	-1.11	0.00	-.90	0.00	-2.18	-1.32	-14.34	-13.06	-.20	-.12	-4.46	-4.06
	SolV	4.66	1.67						0.00	7.60				2.36	Maç=	2.93	(tm)
	SagV	-4.26	-1.47						0.00	7.60				2.36	Xaç=	1.98	m
KZ13	SolM	5.12	1.37	1.14	.24	1.40	1.15	.19	0.00	-.66	.37	-13.47	-11.95	-.07	.02	-4.20	-3.73
	SagM	-2.81	-.76	-.77	.01	-.71	-.82	0.00	0.00	-.70	.28	-13.02	-11.58	-.07	.01	-4.05	-3.61
	SolV	5.69	1.66						0.00	6.79				2.11	Maç=	3.99	(tm)
	SagV	-4.32	-1.08						0.00	6.79				2.11	Xaç=	2.07	m
KZ14	SolM	1.12	.50	.09	.39	.38	.26	.33	0.00	91.26	78.00	-3.83	-24.02	8.33	7.14	-.02	-6.55
	SagM	2.00	.60	.12	.46	.44	.32	.41	0.00	91.88	78.55	-3.76	-24.03	8.39	7.19	0.00	-6.56
	SolV	.90	.32						0.00	53.04				4.84	Maç=	0.00	(tm)
	SagV	.90	.32						0.00	53.04				4.84	Xaç=	0.00	m
KA02	SolM	3.77	1.39	1.08	.27	1.23	1.09	.37	0.00	2.61	4.85	-15.43	-12.15	.18	.37	-4.82	-3.83
	SagM	-1.07	-.40	-.32	-.12	-.24	-.69	.04	0.00	2.52	4.43	-12.21	-9.42	.18	.34	-3.83	-2.99
	SolV	3.67	1.25						0.00	7.37				2.31	Maç=	2.59	(tm)
	SagV	-2.71	-1.24						0.00	7.37				2.31	Xaç=	2.36	m
KA01	SolM	3.51	1.27	.30	.98	.21	1.38	.97	0.00	-1.61	-.41	-8.66	-6.90	-.15	-.05	-2.69	-2.16
	SagM	-1.30	-.57	-.10	-.47	-.11	-.49	-.53	0.00	-.66	.35	-7.24	-5.77	-.07	.02	-2.25	-1.81
	SolV	4.29	1.86						0.00	4.00				1.24	Maç=	3.40	(tm)
	SagV	-2.71	-.98						0.00	4.00				1.24	Xaç=	2.05	m
KA07	SolM	.06	-.08	-.03	-.03	-.03	-.06	-.05	0.00	4.27	4.82	.10	.91	.35	.39	-.01	.23
	SagM	-2.32	-.18	-.03	-.13	-.03	-.17	-.12	0.00	5.66	6.49	.35	1.56	.46	.53	.04	.40
	SolV	.91	-.08						0.00	3.32				.27	Maç=	.72	(tm)
	SagV	-2.15	-.08						0.00	3.32				.27	Xaç=	1.04	m
KA06	SolM	.80	.02	-.16	.18	-.18	.08	.15	0.00	6.82	7.57	-1.90	-.80	.56	.62	-.60	-.27
	SagM	-2.47	-.70	-.23	-.46	-.27	-.60	-.51	0.00	6.11	6.64	-1.83	-1.05	.50	.55	-.57	-.33
	SolV	2.04	.35						0.00	4.86				.40	Maç=	1.30	(tm)
	SagV	-3.42	-.87						0.00	4.86				.40	Xaç=	1.23	m
KA05	SolM	4.07	.80	.63	.14	.68	.70	.16	0.00	5.76	6.32	-.95	-.14	.47	.52	-.32	-.08
	SagM	-2.08	-.30	-.51	.18	-.40	-.46	.20	0.00	5.45	6.01	-.91	-.09	.44	.49	-.31	-.07
	SolV	4.18	.80						0.00	2.69				.22	Maç=	2.56	(tm)
	SagV	-3.18	-.56						0.00	2.69				.22	Xaç=	2.52	m
KA04	SolM	-.39	-.25	-.11	-.09	-.03	-.21	-.16	0.00	10.72	12.03	-.24	1.67	.88	.99	-.16	.42
	SagM	-2.96	-.41	-.19	-.17	-.17	-.30	-.25	0.00	14.30	16.17	-.57	2.16	1.17	1.32	-.30	.52
	SolV	.48	-.20						0.00	8.48				.69	Maç=	.93	(tm)
	SagV	-2.47	-.20						0.00	8.48				.69	Xaç=	.58	m
KA03	SolM	-.89	.01	.06	-.01	.24	-.05	-.09	0.00	84.32	96.30	-4.48	13.49	7.14	8.20	-2.55	3.24
	SagM	-.72	-.02	.04	-.01	.23	-.08	-.09	0.00	85.09	97.25	-4.56	13.67	7.20	8.27	-2.58	3.28
	SolV	-.44	0.00						0.00	52.99				4.51	Maç=	0.00	(tm)
	SagV	-.44	0.00						0.00	52.99				4.51	Xaç=	0.00	m
KA08	SolM	-.04	.06	.04	.03	.07	.05	.02	0.00	.22	-.58	-4.24	-5.39	.03	-.04	-1.22	-1.56
	SagM	-2.75	-.48	-.21	-.25	-.18	-.56	-.19	0.00	-1.38	-2.41	-5.41	-6.92	-.10	-.19	-1.55	-2.00
	SolV	1.39	.42						0.00	3.94				1.14	Maç=	1.65	(tm)
	SagV	-3.11	-.68						0.00	3.94				1.14	Xaç=	1.09	m
KA09	SolM	2.41	.54	.09	.45	.04	.61	.43	0.00	4.75	2.81	-9.00	-11.84	.42	.26	-2.57	-3.42
	SagM	-3.42	-.78	-.09	-.68	-.09	-.67	-.77	0.00	5.45	2.84	-13.16	-16.97	.49	.27	-3.78	-4.92
	SolV	3.16	.77						0.00	6.23				1.80	Maç=	2.55	(tm)
	SagV	-3.60	-.88						0.00	6.23				1.80	Xaç=	2.20	m
KA10	SolM	1.85	.70	.26	.41	.46	.38	.51	0.00	89.90	77.80	2.56	-15.59	7.99	6.93	2.01	-3.84
	SagM	1.67	.54	.23	.29	.41	.24	.39	0.00	88.13	76.28	2.27	-15.52	7.84	6.80	1.90	-3.83
	SolV	1.01	.36						0.00	51.19				4.55	Maç=	0.00	(tm)
	SagV	1.01	.36						0.00	51.19				4.55	Xaç=	0.00	m
KA11	SolM	2.86	.74	.21	.52	.29	.57	.60	0.00	11.47	9.93	1.80	-.46	.98	.85	.64	-.05
	SagM	.49	.15	.13	.01	.18	.06	.06	0.00	6.30	5.49	.92	-.27	.54	.47	.33	-.04
	SolV	2.71	.62						0.00	6.29				.54	Maç=	1.08	(tm)
	SagV	-.44	-.05						0.00	6.29				.54	Xaç=	2.22	m
KA12	SolM	1.18	.19	-.15	.37	-.18	.28	.33	0.00	-.91	-.89	-4.78	-4.76	-.07	-.07	-1.38	-1.37
	SagM	-1.07	-.30	-.07	-.22	-.06	-.26	-.25	0.00	-.56	-.82	-6.74	-7.11	-.04	-.06	-1.99	-2.10
	SolV	2.47	.58						0.00	3.65				1.07	Maç=	3.08	(tm)
	SagV	-2.21	-.66						0.00	3.65				1.07	Xaç=	1.38	m
KA13	SolM	1.28	.21	.11	.09	.15	.15	.10	0.00	7.03	6.21	-.12	-1.33	.60	.53	.03	-.33
	SagM	-.65	-.01	-.11	.09	-.08	-.05	.10	0.00	10.48	9.15	-.17	-2.12	.89	.78	.06	-.53
	SolV	2.15	.27						0.00	5.15				.44	Maç=	1.38	(tm)
	SagV	-1.37	-.11						0.00	5.15				.44	Xaç=	1.80	m
KA14	SolM	2.26	.35	.14	.18	.19	.25	.19	0.00	9.45	8.18	.55	-1.31	.81	.70	.27	-.29
	SagM	0.00	.23	.10	.11	.14	.14	.13	0.00	6.10	5.30	.32	-.84	.52	.45	.16	-.19
	SolV	2.06	.16						0.00	4.47				.38	Maç=	.88	(tm)
	SagV	-.95	.16						0.00	4.47				.38	Xaç=	2.49	m
KA15	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-2.40	-.68	-.07	-.61	-.68	-.07	-.62	0.00	3.49	3.33	-.08	-.32	.29	.28	-.01	-.08
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	2.52	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	1.96	m
KA18	SolM	1.90	.43	.08	.35	.43	.09	.33	0.00	5.72	5.45	-.14	-.53	.48	.46	-.02	-.13
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	.93	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPÍ STATÝK HESAP SONUÇLARI

Kiriş		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
KA20	SolM	.67	.06	.21	-.17	.18	.16	-.26	0.00	8.47	8.63	5.32	5.55	.71	.72	1.52	1.59
	SagM	-1.05	-.87	-.68	-.20	-.78	-.73	-.25	0.00	5.92	6.19	4.56	4.95	.49	.51	1.30	1.41
	SolV	1.92	.58						0.00	5.15				1.04	Maç=	1.97	(tm)
	SagV	-2.38	-1.26						0.00	5.15				1.04	Xaç=	1.38	m
KA28	SolM	1.03	.41	0.00	.41	.30	.11	.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	1.47	m
KA21	SolM	2.88	.89	.80	.09	.83	.83	.12	0.00	.79	.14	-5.49	-6.43	.07	.02	-1.60	-1.89
	SagM	-3.88	-1.04	-1.01	-.03	-1.01	-1.12	.04	0.00	1.25	.62	-4.65	-5.57	.11	.06	-1.35	-1.63
	SolV	3.05	.97						0.00	2.68				.78	Maç=	3.34	(tm)
	SagV	-4.53	-1.26						0.00	2.68				.78	Xaç=	2.82	m
KA17	SolM	-.50	-.17	-.03	-.12	-.13	.09	-.25	0.00	-3.40	-4.34	-12.48	-13.86	-.27	-.35	-3.69	-4.11
	SagM	-4.35	-1.42	-.34	-1.06	-.38	-1.14	-1.28	0.00	-3.85	-5.35	-16.82	-19.01	-.30	-.42	-4.96	-5.62
	SolV	1.20	.42						0.00	10.35				3.06	Maç=	2.42	(tm)
	SagV	-4.31	-1.49						0.00	10.35				3.06	Xaç=	.97	m
KA22	SolM	6.23	1.31	.83	.42	1.03	.74	.73	0.00	-.86	-3.39	-45.22	-48.96	-.03	-.25	-13.65	-14.80
	SagM	.03	.46	.43	-.01	.52	.16	.17	0.00	-.14	-1.19	-16.84	-18.39	0.00	-.08	-5.10	-5.57
	SolV	3.27	.51						0.00	19.09				5.77	Maç=	.95	(tm)
	SagV	-.84	.46						0.00	19.09				5.77	Xaç=	3.14	m
KA24	SolM	2.03	.67	.37	.30	.52	.47	.33	0.00	-.86	-.77	-10.59	-10.46	-.07	-.06	-3.19	-3.15
	SagM	-.17	.28	.04	.22	.15	.09	.28	0.00	-1.11	-1.09	-8.32	-8.30	-.09	-.09	-2.50	-2.49
	SolV	2.46	.72						0.00	5.91				1.78	Maç=	1.34	(tm)
	SagV	-1.29	-.12						0.00	5.91				1.78	Xaç=	2.06	m
KA23	SolM	-.92	-.56	-.11	-.42	-.52	-.07	-.47	0.00	.74	1.07	-14.94	-14.44	.06	.08	-4.51	-4.36
	SagM	-2.88	-1.21	-.25	-.93	-.58	-.77	-1.01	0.00	.42	.87	-21.28	-20.63	.03	.07	-6.42	-6.22
	SolV	-.18	-.16						0.00	15.39				4.65	Maç=	2.18	(tm)
	SagV	-2.92	-1.31						0.00	15.39				4.65	Xaç=	0.00	m
KA16	SolM	-1.85	-.79	-.42	-.33	-.60	-.47	-.43	0.00	1.37	1.72	-22.13	-21.62	.11	.14	-6.82	-6.66
	SagM	-2.01	-.75	-.35	-.35	-.53	-.44	-.43	0.00	1.31	1.69	-22.82	-22.25	.10	.13	-7.02	-6.84
	SolV	-1.26	-.70						0.00	20.42				6.29	Maç=	3.86	(tm)
	SagV	-2.41	-.70						0.00	20.42				6.29	Xaç=	0.00	m
KA25	SolM	3.52	1.19	.98	.19	1.07	1.02	.25	0.00	-2.90	-1.72	-16.43	-14.71	-.26	-.16	-5.05	-4.53
	SagM	-1.52	-.51	-.52	-.01	-.51	-.67	.12	0.00	-2.75	-1.75	-15.65	-14.18	-.24	-.16	-4.80	-4.36
	SolV	4.04	1.38						0.00	8.44				2.59	Maç=	2.46	(tm)
	SagV	-2.90	-1.00						0.00	8.44				2.59	Xaç=	2.15	m
KA26	SolM	5.11	1.16	.24	.92	.17	1.20	.95	0.00	-.76	.46	-14.39	-12.61	-.08	.02	-4.43	-3.89
	SagM	-2.34	-.66	-.02	-.64	-.02	-.61	-.68	0.00	-.84	.31	-14.12	-12.44	-.09	.01	-4.34	-3.83
	SolV	5.47	1.34						0.00	7.31				2.25	Maç=	3.63	(tm)
	SagV	-3.85	-.99						0.00	7.31				2.25	Xaç=	2.07	m
KA27	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-7.19	-2.95	-.01	-2.94	-2.96	-.01	-2.94	0.00	1.79	1.81	-.10	-.08	.15	.15	-.03	-.02
	SolV	1.11	.30						0.00	0.00				0.00	Maç=	5.64	(tm)
	SagV	-5.13	-2.20						0.00	0.00				0.00	Xaç=	3.50	m
KA29	SolM	-.23	-.09	-.02	-.07	-.02	-.08	-.08	0.00	.43	.39	-.07	-.14	.04	.03	0.00	-.02
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	.47	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.25	m
K102	SolM	3.84	1.54	.31	1.17	.43	1.36	1.16	0.00	2.88	5.23	-15.28	-11.88	.21	.40	-4.68	-3.67
	SagM	-.87	-.22	-.12	-.15	.07	-.04	-.59	0.00	2.80	4.79	-12.00	-9.12	.20	.37	-3.69	-2.83
	SolV	3.79	1.35						0.00	7.22				2.21	Maç=	2.92	(tm)
	SagV	-2.66	-1.16						0.00	7.22				2.21	Xaç=	2.42	m
K101	SolM	3.83	1.25	.93	.34	.92	.20	1.42	0.00	-1.77	-.67	-7.49	-5.89	-.16	-.07	-2.27	-1.80
	SagM	-.51	-.40	-.35	-.05	-.40	-.07	-.33	0.00	-.57	.30	-5.87	-4.62	-.06	.01	-1.78	-1.42
	SolV	4.58	1.91						0.00	3.34				1.01	Maç=	3.99	(tm)
	SagV	-2.49	-.96						0.00	3.34				1.01	Xaç=	2.16	m
K107	SolM	-.08	-.09	-.08	.01	-.08	-.03	-.03	0.00	4.81	5.41	.02	.89	.39	.44	-.04	.22
	SagM	-1.61	-.01	-.11	.12	-.07	.11	-.02	0.00	6.15	7.03	.26	1.54	.50	.57	.01	.39
	SolV	1.08	-.03						0.00	3.66				.30	Maç=	1.22	(tm)
	SagV	-1.98	-.03						0.00	3.66				.30	Xaç=	1.26	m
K106	SolM	1.12	.07	.15	-.08	.18	-.14	.12	0.00	7.32	8.11	-2.28	-1.14	.59	.66	-.71	-.37
	SagM	-2.89	-.81	-.56	-.23	-.58	-.35	-.66	0.00	7.27	7.90	-2.26	-1.34	.59	.64	-.69	-.42
	SolV	2.01	.33						0.00	5.47				.48	Maç=	.75	(tm)
	SagV	-3.46	-.89						0.00	5.47				.48	Xaç=	1.20	m
K105	SolM	4.24	.84	.18	.62	.19	.70	.71	0.00	7.30	8.00	-1.32	-.31	.59	.65	-.43	-.14
	SagM	-1.68	-.20	.25	-.49	.27	-.32	-.43	0.00	6.33	6.96	-1.22	-.30	.51	.56	-.40	-.13
	SolV	4.30	.83						0.00	3.27				.26	Maç=	2.79	(tm)
	SagV	-3.06	-.53						0.00	3.27				.26	Xaç=	2.58	m
K104	SolM	-1.02	-.36	-.10	-.20	-.21	-.08	-.32	0.00	11.00	12.28	-.28	1.56	.89	.99	-.17	.38
	SagM	-3.65	-.57	-.22	-.29	-.33	-.29	-.41	0.00	15.05	16.95	-.76	1.98	1.21	1.37	-.35	.46
	SolV	.06	-.28						0.00	8.86				.72	Maç=	2.01	(tm)
	SagV	-2.89	-.28						0.00	8.86				.72	Xaç=	0.00	m
K103	SolM	-2.16	-.20	-.04	-.10	-.03	-.04	-.20	0.00	87.17	98.44	-11.78	4.60	7.15	8.10	-4.68	.52
	SagM	-1.37	-.21	-.02	-.12	-.02	-.03	-.24	0.00	89.08	100.70	-11.95	4.95	7.30	8.28	-4.76	.60
	SolV	-.96	-.11						0.00	54.14				4.45	Maç=	0.00	(tm)
	SagV	-.96	-.11						0.00	54.14				4.45	Xaç=	0.00	m
K108	SolM	-.17	.05	.02	.05	.04	.05	.05	0.00	.38	-.61	-5.06	-6.50	.04	-.04	-1.42	-1.84
	SagM	-2.72	-.41	-.33	-.06	-.21	-.10	-.46	0.00	-1.33	-2.68	-6.62	-8.57	-.09	-.20	-1.84	-2.42
	SolV	1.36	.44						0.00	4.82				1.36	Maç=	1.86	(tm)
	SagV	-3.14	-.65						0.00	4.82				1.36	Xaç=	1.11	m
K109	SolM	2.08	.43	.43	.01	.38	-.03	.53	0.00	5.82	3.54	-10.31	-13.62	.51	.32	-2.88	-3.86
	SagM	-3.69	-.89	-.68	-.18	-.78	-.20	-.75	0.00	6.72	3.71	-15.04	-19.41	.59	.34	-4.22	-5.51
	SolV	3.05	.73						0.00	7.10				2.01	Maç=	2.73	(tm)
	SagV	-3.78	-.94						0.00	7.10				2.01	Xaç=	2.14	m
K110	SolM	2.89	.98	.55	.39	.71	.58	.60	0.00	91.08	79.49	9.28	-7.58	7.80	6.82	4.01	-1.34
	SagM	3.30	.86	.42	.40	.59	.59	.45	0.00	88.72	77.45	8.78	-7.62	7.61	6.65	3.85	-1.37
	SolV	1.78	.53						0.00	51.70				4.43	Maç=	0.00	(tm)
	SagV	1.78	.53						0.00	51.70				4.43	Xaç=	0.00	m
K111	SolM	3.56	.92	.57	.34	.67	.41	.72	0.00	13.05	11.32	2.49	-.02	1.10	.96	.84	.09
	SagM	1.09	.30	.06	.23	.13	.27	.18	0.00	7.04	6.15	1.19	-.11	.59	.52	.41	.02
	SolV	3.17	.73						0.00	7.11				.60	Maç=	2.01	(tm)
	SagV	.02	.07						0.00	7.11				.60	Xaç=	2.83	m
K112	SolM	.41	-.02	.24	-.22	.19	-.33	.18	0.00	-1.06	-1.05	-6.24	-6.22	-.09	-.09	-1.79	-1.78
	SagM	-1.28	-.37	-.25	-.10	-.28	-.14	-.29	0.00	-.77	-1.05	-8.40	-8.80	-.06	-.08	-2.43	-2.55
	SolV	2.17	.49						0.00	4.62				1.33	Maç=	3.68	(tm)
	SagV	-2.51	-.74						0.00	4.62				1.33	Xaç=	1.38	m
K113	SolM	1.73	.28	.14	.14	.16	.22	.19	0.00	8.36	7.40	.05	-1.34	.70	.62	.09	-.32
	SagM	-.01	.08	.14	-.06	.15	0.00	0.00	0.00	11.10	9.74	.08	-1.88	.93	.82	.13	-.45
	SolV	2.45	.32						0.00	5.85				.49	Maç=	1.55	(tm)
	SagV	-1.08	-.06						0.00	5.85				.49	Xaç=	1.99	m
K114	SolM	2.46	.42	.15	.24	.22	.29	.27	0.00	8.38	7.30	.64	-.92	.70	.61	.27	-.19
	SagM	.05	.25	.08	.15	.13	.19	.14	0.00	5.83	5.09	.38	-.69	.49	.43	.17	-.14
	SolV	2.22	.19						0.00	4.00				.34	Maç=	.92	(tm)
	SagV	-.94	.19						0.00	4.00				.34	Xaç=	2.56	m
K115	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-2.34	-.66	-.55	-.11	-.58	-.63	-.11	0.00	3.80	3.62	-.09	-.36	.32	.30	-.01	-.09
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	2.60	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	1.96	m
K118	SolM	1.99	.47	.44	.03	.39	.52	.03	0.00	6.24	5.94	-.15	-.59	.52	.49	-.02	-.15
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	.92	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	2.03	m
K119	SolM	1.48	.42	.19	.21	.26	.29	.24	0.00	5.90	5.68	.38	.07	.49	.47	.12	.03
	SagM	-.03	.35	.15	.17	.22	.25	.18	0.00	5.06	4.87	.32	.06	.42	.40	.11	.03
	SolV	1.29	.23						0.00	3.24				.27	Maç=	.54	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kiriş		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K128	SolM	1.01	.40	.40	0.00	.40	.29	.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
K121	SolM	2.60	.88	.12	.75	.13	.83	.79	0.00	.91	.27	-5.30	-6.22	.08	.03	-1.52	-1.79
	SagM	-3.97	-1.02	0.00	-1.03	.04	-.96	-1.12	0.00	1.50	.93	-3.77	-4.59	.13	.08	-1.07	-1.31
	SolV	3.06	1.00						0.00	2.39				.68	Maç=	3.81	(tm)
	SagV	-4.72	-1.30						0.00	2.39				.68	Xaç=	2.81	m
K117	SolM	-.46	-.24	-.35	.13	-.44	-.16	.17	0.00	-3.59	-4.35	-11.00	-12.10	-.29	-.35	-3.20	-3.53
	SagM	-4.50	-1.54	-1.20	-.32	-1.35	-.55	-1.12	0.00	-4.27	-5.77	-16.86	-19.02	-.33	-.46	-4.87	-5.51
	SolV	1.40	.38						0.00	9.80				2.85	Maç=	2.74	(tm)
	SagV	-4.57	-1.56						0.00	9.80				2.85	Xaç=	.94	m
K122	SolM	7.43	1.74	.60	1.06	.92	1.38	1.02	0.00	-1.59	-3.94	-45.62	-49.05	-.10	-.29	-13.48	-14.51
	SagM	.34	.61	.04	.52	.20	.68	.25	0.00	-.35	-1.30	-15.80	-17.19	-.02	-.09	-4.71	-5.12
	SolV	3.69	.67						0.00	18.78				5.57	Maç=	1.46	(tm)
	SagV	-.41	.63						0.00	18.78				5.57	Xaç=	3.53	m
K124	SolM	1.79	.62	.23	.38	.34	.43	.44	0.00	-.82	-.70	-8.79	-8.62	-.07	-.06	-2.59	-2.54
	SagM	-.11	.37	.17	.17	.37	.14	.17	0.00	-1.23	-1.19	-7.65	-7.60	-.10	-.10	-2.25	-2.24
	SolV	2.44	.74						0.00	5.09				1.50	Maç=	1.68	(tm)
	SagV	-1.37	-.12						0.00	5.09				1.50	Xaç=	2.06	m
K123	SolM	-.82	-.60	-.35	-.21	-.52	-.49	-.10	0.00	.81	1.18	-12.43	-11.90	.06	.09	-3.67	-3.51
	SagM	-2.39	-1.09	-.79	-.27	-.94	-.47	-.72	0.00	.32	.79	-17.37	-16.69	.02	.06	-5.10	-4.90
	SolV	.14	-.09						0.00	12.40				3.65	Maç=	1.83	(tm)
	SagV	-2.73	-1.29						0.00	12.40				3.65	Xaç=	.32	m
K116	SolM	-2.03	-.89	-.28	-.56	-.50	-.64	-.54	0.00	1.47	1.89	-18.44	-17.82	.12	.15	-5.57	-5.38
	SagM	-2.62	-1.01	-.40	-.56	-.62	-.66	-.62	0.00	1.55	2.07	-21.97	-21.21	.12	.16	-6.61	-6.38
	SolV	-1.65	-.88						0.00	18.79				5.66	Maç=	4.26	(tm)
	SagV	-2.81	-.88						0.00	18.79				5.66	Xaç=	0.00	m
K125	SolM	3.54	1.21	.18	1.01	.24	1.10	1.03	0.00	-3.43	-2.08	-17.25	-15.31	-.30	-.19	-5.19	-4.61
	SagM	-1.61	-.48	-.07	-.43	.06	-.41	-.66	0.00	-3.14	-2.05	-15.80	-14.22	-.27	-.18	-4.74	-4.27
	SolV	4.01	1.39						0.00	8.75				2.63	Maç=	2.36	(tm)
	SagV	-2.94	-.99						0.00	8.75				2.63	Xaç=	2.13	m
K126	SolM	4.78	1.04	.82	.23	.84	.14	1.12	0.00	-.82	.48	-13.89	-12.00	-.08	.02	-4.18	-3.62
	SagM	-2.30	-.68	-.65	-.03	-.70	-.03	-.61	0.00	-.97	.25	-13.74	-11.98	-.10	0.00	-4.13	-3.61
	SolV	5.48	1.34						0.00	7.03				2.11	Maç=	4.09	(tm)
	SagV	-3.97	-1.04						0.00	7.03				2.11	Xaç=	2.08	m
K127	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-7.10	-2.92	-2.90	-.03	-2.91	-2.91	-.02	0.00	1.78	1.78	-.11	-.11	.15	.15	-.03	-.03
	SolV	1.15	.32						0.00	0.00				0.00	Maç=	6.03	(tm)
	SagV	-5.22	-2.23						0.00	0.00				0.00	Xaç=	3.53	m
K129	SolM	-.37	-.13	-.10	-.04	-.11	-.04	-.12	0.00	.62	.54	-.15	-.25	.05	.05	-.03	-.05
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	.67	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.13	m
K202	SolM	4.43	1.79	1.26	.45	1.30	.63	1.50	0.00	3.17	5.65	-15.80	-12.22	.23	.43	-4.69	-3.65
	SagM	-.40	.01	-.03	-.03	-.45	.22	.10	0.00	3.03	5.04	-11.68	-8.79	.22	.38	-3.48	-2.64
	SolV	4.07	1.47						0.00	7.28				2.16	Maç=	3.14	(tm)
	SagV	-2.38	-1.03						0.00	7.28				2.16	Xaç=	2.53	m
K201	SolM	3.63	1.08	.26	.85	1.30	.78	.14	0.00	-1.91	-.83	-7.10	-5.55	-.17	-.08	-2.09	-1.64
	SagM	-.52	-.44	-.09	-.34	-.37	-.41	-.08	0.00	-.57	.33	-5.91	-4.62	-.06	.01	-1.74	-1.37
	SolV	4.53	1.86						0.00	3.25				.96	Maç=	4.18	(tm)
	SagV	-2.55	-1.01						0.00	3.25				.96	Xaç=	2.14	m
K207	SolM	-.11	-.09	-.04	-.03	-.06	-.07	-.02	0.00	3.67	4.05	-.02	.54	.29	.32	-.03	.13
	SagM	-1.90	-.08	.04	-.09	-.09	-.10	.09	0.00	4.78	5.42	.18	1.10	.38	.43	.01	.27
	SolV	1.06	-.05						0.00	2.72				.22	Maç=	1.20	(tm)
	SagV	-2.15	-.05						0.00	2.72				.22	Xaç=	1.18	m
K206	SolM	-.28	-.24	-.23	-.01	-.09	-.08	-.30	0.00	6.29	6.95	-2.30	-1.34	.50	.55	-.70	-.42
	SagM	-3.71	-.98	-.34	-.62	-.76	-.71	-.44	0.00	7.04	7.64	-2.40	-1.52	.56	.61	-.72	-.46
	SolV	1.27	.17						0.00	5.07				.49	Maç=	1.67	(tm)
	SagV	-4.19	-1.05						0.00	5.07				.49	Xaç=	.85	m
K205	SolM	5.28	1.08	.72	.31	.86	.35	.86	0.00	7.73	8.45	-1.61	-.57	.62	.68	-.51	-.21
	SagM	-.33	.11	-.39	.44	-.27	.47	-.09	0.00	5.80	6.36	-1.39	-.59	.46	.51	-.44	-.20
	SolV	4.82	.95						0.00	3.24				.26	Maç=	3.34	(tm)
	SagV	-2.54	-.41						0.00	3.24				.26	Xaç=	2.86	m
K204	SolM	-1.01	-.37	-.24	-.06	-.36	-.20	-.03	0.00	9.83	10.90	.05	1.60	.79	.87	-.06	.39
	SagM	-4.14	-.72	-.37	-.27	-.51	-.42	-.34	0.00	15.40	17.29	-.61	2.12	1.23	1.38	-.30	.49
	SolV	-.13	-.33						0.00	8.68				.69	Maç=	2.01	(tm)
	SagV	-3.09	-.33						0.00	8.68				.69	Xaç=	0.00	m
K203	SolM	-2.79	-.47	-.16	-.24	-.30	-.26	-.24	0.00	79.97	90.02	-9.57	4.64	6.27	7.07	-3.69	.58
	SagM	-2.52	-.53	-.20	-.25	-.36	-.29	-.25	0.00	81.81	92.20	-9.71	4.99	6.42	7.24	-3.75	.66
	SolV	-1.41	-.27						0.00	48.55				3.81	Maç=	0.00	(tm)
	SagV	-1.41	-.27						0.00	48.55				3.81	Xaç=	0.00	m
K208	SolM	-.15	.05	0.00	.06	.03	.04	.05	0.00	.36	-.49	-4.29	-5.52	.04	-.03	-1.16	-1.52
	SagM	-1.93	-.22	-.01	-.19	-.37	-.11	.08	0.00	-2.28	-2.96	-3.42	-4.41	-.18	-.23	-.93	-1.22
	SolV	1.62	.50						0.00	3.18				.88	Maç=	2.32	(tm)
	SagV	-2.88	-.60						0.00	3.18				.88	Xaç=	1.23	m
K209	SolM	2.50	.47	.07	.41	.60	.38	-.02	0.00	5.60	3.78	-7.93	-10.56	.48	.33	-2.15	-2.92
	SagM	-3.58	-.91	-.19	-.69	-.73	-.79	-.23	0.00	7.14	4.21	-14.32	-18.54	.62	.38	-3.89	-5.11
	SolV	3.19	.74						0.00	6.22				1.72	Maç=	2.58	(tm)
	SagV	-3.73	-.94						0.00	6.22				1.72	Xaç=	2.20	m
K210	SolM	2.86	1.03	.48	.51	.66	.73	.58	0.00	79.13	69.17	6.34	-7.72	6.43	5.65	2.77	-1.45
	SagM	2.93	.83	.45	.34	.48	.57	.53	0.00	76.78	67.13	5.74	-7.88	6.24	5.48	2.58	-1.51
	SolV	1.65	.53						0.00	44.51				3.62	Maç=	0.00	(tm)
	SagV	1.65	.53						0.00	44.51				3.62	Xaç=	0.00	m
K211	SolM	3.91	1.02	.35	.65	.76	.76	.49	0.00	12.94	11.24	2.81	.35	1.07	.93	.91	.19
	SagM	.96	.28	.19	.08	.16	.13	.25	0.00	5.77	5.06	1.06	.03	.48	.42	.35	.05
	SolV	3.27	.77						0.00	6.62				.55	Maç=	1.79	(tm)
	SagV	.08	.09						0.00	6.62				.55	Xaç=	2.83	m
K212	SolM	.04	-.13	-.29	.20	.10	.08	-.37	0.00	-1.17	-1.05	-5.21	-5.03	-.10	-.09	-1.46	-1.41
	SagM	-1.56	-.42	-.16	-.25	-.32	-.32	-.18	0.00	-.75	-.98	-7.19	-7.53	-.06	-.08	-2.03	-2.13
	SolV	1.98	.44						0.00	3.89				1.10	Maç=	3.80	(tm)
	SagV	-2.70	-.79						0.00	3.89				1.10	Xaç=	1.35	m
K213	SolM	2.23	.37	.18	.18	.23	.23	.26	0.00	8.78	7.76	.20	-1.28	.73	.64	.13	-.30
	SagM	.89	.21	.03	.18	.09	.24	.08	0.00	11.01	9.65	.28	-1.68	.91	.80	.18	-.39
	SolV	2.86	.38						0.00	6.04				.50	Maç=	2.13	(tm)
	SagV	-.66	0.00						0.00	6.04				.50	Xaç=	2.29	m
K214	SolM	3.09	.58	.26	.28	.34	.38	.37	0.00	8.61	7.53	.51	-1.05	.71	.62	.23	-.22
	SagM	.56	.38	.18	.18	.20	.26	.26	0.00	5.49	4.81	.29	-.68	.45	.40	.14	-.14
	SolV	2.60	.27						0.00	3.91				.32	Maç=	1.39	(tm)
	SagV	-.67	.27						0.00	3.91				.32	Xaç=	2.95	m
K215	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-2.27	-.63	-.13	-.50	-.13	-.54	-.58	0.00	3.79	3.59	-.10	-.40	.31	.29	-.01	-.10
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	2.68	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	2.03	m
K218	SolM	2.11	.53	0.00	.53	0.00	.46	.59	0.00	6.22	5.88	-.17	-.65	.51	.48	-.02	-.16
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	.88	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	2.04	m
K219	SolM	1.61	.49	.23	.24	.30	.34	.30	0.00	5.07	4.85	.41	.10	.41	.40	.13	.04
	SagM	.27	.47	.22	.23	.26	.34	.30	0.00	4.20	4.03	.34	.09	.34	.33	.11	.04
	SolV	1.44	.28						0.00	2.71				.22	Maç=	.92	(tm)
	SagV	-.44	.28						0.00	2.71				.22	Xaç=	2.79	m
K220	SolM	.12	-.14	.07	-.22	-.01	-.34	.03	0.00	6.14	6.37	5.76	6.09	.49	.51	1.60	1.69
	SagM	-1.49	-1.04	-.75	-.31	-.81	-.40	-.91	0.00	5.06	5.55	5.96	6.66	.40	.44	1.64	1.84
	SolV	1.65	.48						0.00	4.51				1.25	Maç=	2.12	(tm)

FŸRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KŸRŸPt STATŸK HESAP SONUÇLARI

Kifis		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K221	SolM	3.30	1.04	.84	.20	.87	.27	.93	0.00	.93	.38	-4.56	-5.35	.08	.04	-1.26	-1.49
	SagM	-2.98	-.74	-.86	.11	-.96	.24	-.79	0.00	1.73	1.26	-2.63	-3.31	.15	.11	-.71	-.91
	SolV	3.48	1.11						0.00	1.90				.53	Maç=	4.77	(tm)
	SagV	-4.42	-1.23						0.00	1.90				.53	Xaç=	3.07	m
K217	SolM	-.52	-.25	.15	-.37	.17	-.58	-.04	0.00	-3.47	-3.94	-8.07	-8.74	-.28	-.32	-2.26	-2.46
	SagM	-5.60	-1.82	-.51	-1.27	-1.28	-1.60	-.67	0.00	-4.45	-5.87	-15.81	-17.84	-.35	-.46	-4.41	-5.00
	SolV	1.04	.29						0.00	8.43				2.36	Maç=	2.34	(tm)
	SagV	-4.93	-1.65						0.00	8.43				2.36	Xaç=	.77	m
K222	SolM	9.55	2.35	1.41	.86	1.40	1.34	1.78	0.00	-1.93	-4.07	-42.75	-45.85	-.13	-.30	-12.17	-13.08
	SagM	2.00	.99	.75	.19	.49	.46	.93	0.00	-.34	-1.11	-12.35	-13.48	-.02	-.08	-3.53	-3.87
	SolV	4.61	.95						0.00	16.70				4.77	Maç=	4.38	(tm)
	SagV	.82	.90						0.00	16.70				4.77	Xaç=	3.55	m
K224	SolM	1.04	.51	.27	.22	.38	.25	.36	0.00	-.76	-.66	-7.42	-7.27	-.06	-.05	-2.12	-2.08
	SagM	0.00	.49	.16	.29	.27	.39	.25	0.00	-1.32	-1.30	-6.96	-6.93	-.11	-.11	-1.99	-1.98
	SolV	2.29	.75						0.00	4.42				1.26	Maç=	2.29	(tm)
	SagV	-1.59	-.12						0.00	4.42				1.26	Xaç=	1.92	m
K223	SolM	-1.22	-.79	-.22	-.52	-.23	-.61	-.64	0.00	.90	1.26	-11.34	-10.81	.07	.10	-3.24	-3.09
	SagM	-2.87	-1.22	-.30	-.89	-.81	-.98	-.57	0.00	.22	.66	-15.26	-14.64	.01	.05	-4.36	-4.18
	SolV	-.19	-.21						0.00	10.96				3.13	Maç=	2.97	(tm)
	SagV	-3.12	-1.43						0.00	10.96				3.13	Xaç=	0.00	m
K216	SolM	-2.49	-.93	-.54	-.34	-.59	-.47	-.71	0.00	1.41	1.70	-12.99	-12.56	.11	.14	-3.80	-3.67
	SagM	-3.38	-1.25	-.61	-.58	-.80	-.72	-.85	0.00	1.70	2.19	-19.89	-19.18	.13	.17	-5.77	-5.56
	SolV	-2.24	-1.02						0.00	15.47				4.50	Maç=	4.98	(tm)
	SagV	-3.40	-1.02						0.00	15.47				4.50	Xaç=	0.00	m
K225	SolM	4.02	1.35	1.07	.24	1.10	.32	1.22	0.00	-3.66	-2.27	-17.35	-15.36	-.31	-.20	-5.06	-4.48
	SagM	-.94	-.28	-.30	-.02	-.53	.14	-.24	0.00	-3.21	-2.19	-14.90	-13.44	-.27	-.19	-4.34	-3.91
	SolV	4.31	1.48						0.00	8.54				2.49	Maç=	2.71	(tm)
	SagV	-2.64	-.90						0.00	8.54				2.49	Xaç=	2.27	m
K226	SolM	5.14	1.08	.28	.81	1.16	.82	.20	0.00	-.84	.44	-12.99	-11.15	-.08	.02	-3.80	-3.26
	SagM	-2.12	-.67	-.04	-.64	-.60	-.71	-.04	0.00	-1.10	.16	-13.69	-11.89	-.11	0.00	-3.99	-3.47
	SolV	5.61	1.35						0.00	6.79				1.98	Maç=	4.00	(tm)
	SagV	-3.83	-1.03						0.00	6.79				1.98	Xaç=	2.08	m
K227	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.99	-2.89	-.05	-2.84	-.04	-2.87	-2.87	0.00	1.60	1.59	-.11	-.13	.13	.13	-.03	-.04
	SolV	1.19	.33						0.00	0.00				0.00	Maç=	6.43	(tm)
	SagV	-5.30	-2.27						0.00	0.00				0.00	Xaç=	3.59	m
K229	SolM	-.36	-.14	-.04	-.10	-.12	-.11	-.05	0.00	.78	.71	.07	-.04	.06	.06	.03	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	.67	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.13	m
K302	SolM	5.36	2.12	.57	1.46	1.71	1.58	.78	0.00	3.22	5.56	-14.60	-11.25	.23	.42	-4.19	-3.24
	SagM	.35	.38	.09	.22	.39	-.12	.33	0.00	2.94	4.41	-8.21	-6.11	.22	.34	-2.38	-1.78
	SolV	4.52	1.66						0.00	6.04				1.74	Maç=	3.63	(tm)
	SagV	-1.94	-.85						0.00	6.04				1.74	Xaç=	2.70	m
K301	SolM	3.46	1.02	.75	.31	.12	1.28	.72	0.00	-1.99	-1.39	-3.95	-3.10	-.17	-.12	-1.14	-.89
	SagM	-.45	-.42	-.34	-.07	-.11	-.35	-.38	0.00	-.46	.31	-4.99	-3.89	-.05	.01	-1.43	-1.12
	SolV	4.51	1.84						0.00	2.23				.64	Maç=	4.40	(tm)
	SagV	-2.57	-1.02						0.00	2.23				.64	Xaç=	2.12	m
K307	SolM	.30	-.01	-.01	.02	0.00	0.00	.01	0.00	3.15	3.42	-.05	.34	.25	.27	-.03	.08
	SagM	-.95	.14	-.03	.19	.20	.07	.06	0.00	3.96	4.43	.12	.80	.32	.35	.01	.20
	SolV	1.50	.04						0.00	2.24				.18	Maç=	1.47	(tm)
	SagV	-1.77	.04						0.00	2.24				.18	Xaç=	1.65	m
K306	SolM	-.09	-.21	-.03	-.18	-.27	-.09	-.05	0.00	4.79	5.29	-2.08	-1.37	.38	.42	-.61	-.41
	SagM	-4.31	-1.13	-.73	-.37	-.55	-.87	-.78	0.00	6.46	7.03	-2.37	-1.55	.51	.56	-.69	-.46
	SolV	1.13	.13						0.00	4.28				.45	Maç=	1.21	(tm)
	SagV	-4.33	-1.10						0.00	4.28				.45	Xaç=	.76	m
K305	SolM	5.82	1.21	.36	.80	.98	.94	.41	0.00	7.48	8.18	-1.87	-.86	.60	.65	-.57	-.28
	SagM	.37	.31	.52	-.27	.08	-.16	.59	0.00	4.26	4.64	-1.43	-.88	.34	.37	-.43	-.27
	SolV	5.13	1.03						0.00	2.77				.22	Maç=	3.93	(tm)
	SagV	-2.41	-.36						0.00	2.77				.22	Xaç=	3.03	m
K304	SolM	-1.58	-.39	0.00	-.31	.04	-.46	-.20	0.00	7.51	8.25	.52	1.59	.60	.66	.10	.40
	SagM	-5.09	-.90	-.30	-.51	-.40	-.69	-.53	0.00	14.82	16.61	-.35	2.22	1.17	1.32	-.21	.52
	SolV	-.63	-.41						0.00	7.83				.62	Maç=	2.84	(tm)
	SagV	-3.59	-.41						0.00	7.83				.62	Xaç=	0.00	m
K303	SolM	-3.37	-.73	-.30	-.35	-.38	-.54	-.39	0.00	68.26	76.90	-9.62	2.49	5.18	5.83	-3.31	.06
	SagM	-3.21	-.81	-.32	-.40	-.38	-.62	-.44	0.00	70.06	79.03	-9.73	2.85	5.32	6.00	-3.36	.14
	SolV	-1.74	-.41						0.00	41.27				3.13	Maç=	0.00	(tm)
	SagV	-1.74	-.41						0.00	41.27				3.13	Xaç=	0.00	m
K308	SolM	-.33	0.00	.01	0.00	0.00	-.01	.03	0.00	.42	-.33	-3.68	-4.77	.04	-.02	-.96	-1.27
	SagM	-1.88	-.22	-.28	.07	.07	-.37	-.13	0.00	-2.87	-2.90	-.31	-.36	-.23	-.24	-.07	-.08
	SolV	1.52	.47						0.00	1.67				.44	Maç=	2.46	(tm)
	SagV	-2.97	-.62						0.00	1.67				.44	Xaç=	1.20	m
K309	SolM	1.35	.16	.27	-.10	-.14	.33	.14	0.00	4.69	3.46	-5.19	-6.96	.40	.30	-1.35	-1.86
	SagM	-4.50	-1.13	-.79	-.30	-.32	-.92	-.95	0.00	7.02	4.28	-13.14	-17.08	.60	.38	-3.43	-4.55
	SolV	2.86	.65						0.00	5.08				1.36	Maç=	3.14	(tm)
	SagV	-4.21	-1.07						0.00	5.08				1.36	Xaç=	1.98	m
K310	SolM	3.18	1.18	.64	.49	.67	.80	.79	0.00	67.85	59.15	6.67	-5.51	5.30	4.65	2.49	-.89
	SagM	3.41	1.02	.50	.48	.65	.65	.65	0.00	65.88	57.43	6.08	-5.73	5.14	4.51	2.31	-.97
	SolV	1.87	.62						0.00	37.91				2.96	Maç=	0.00	(tm)
	SagV	1.87	.62						0.00	37.91				2.96	Xaç=	0.00	m
K311	SolM	4.61	1.19	.71	.45	.55	.89	.89	0.00	12.18	10.57	3.10	.80	1.00	.87	.97	.31
	SagM	1.31	.35	.11	.24	.28	.22	.20	0.00	4.42	3.90	.87	.11	.36	.32	.28	.06
	SolV	3.65	.85						0.00	5.87				.48	Maç=	2.39	(tm)
	SagV	.45	.18						0.00	5.87				.48	Xaç=	2.83	m
K312	SolM	-.39	-.25	.13	-.34	-.46	0.00	.03	0.00	-1.20	-1.02	-4.17	-3.91	-.10	-.08	-1.16	-1.08
	SagM	-1.00	-.28	-.17	-.10	-.11	-.23	-.20	0.00	-.65	-.85	-5.60	-5.88	-.05	-.07	-1.53	-1.61
	SolV	2.05	.45						0.00	3.01				.83	Maç=	4.65	(tm)
	SagV	-2.67	-.78						0.00	3.01				.83	Xaç=	1.37	m
K313	SolM	2.23	.38	.19	.17	.26	.26	.21	0.00	8.43	7.45	.30	-1.11	.69	.61	.15	-.25
	SagM	.04	.06	.12	-.07	-.03	.02	.11	0.00	9.58	8.45	.32	-1.31	.79	.69	.17	-.30
	SolV	2.60	.34						0.00	5.50				.45	Maç=	1.23	(tm)
	SagV	-.92	-.04						0.00	5.50				.45	Xaç=	2.09	m
K314	SolM	2.24	.44	.14	.26	.23	.35	.23	0.00	6.61	5.84	.30	-.80	.54	.48	.14	-.17
	SagM	.36	.28	.10	.17	.17	.19	.17	0.00	3.62	3.21	.12	-.46	.30	.26	.07	-.10
	SolV	2.32	.20						0.00	2.82				.23	Maç=	1.42	(tm)
	SagV	-1.00	.20						0.00	2.82				.23	Xaç=	2.61	m
K315	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-1.88	-.50	-.41	-.09	-.47	-.09	-.45	0.00	3.10	2.90	-.09	-.37	.25	.24	-.01	-.09
	SolV	1.23	.20						0.00	0.00				0.00	Maç=	2.99	(tm)
	SagV	-2.62	-.82						0.00	0.00				0.00	Xaç=	2.12	m
K318	SolM	2.74	.73	.67	.06	.78	.06	.61	0.00	5.08	4.76	-.15	-.61	.41	.39	-.02	-.15
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	.58	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	2.21	m
K319	SolM	1.36	.38	.17	.19	.24	.27	.22	0.00	3.79	3.63	.35	.13	.31	.29	.11	.05
	SagM	-.01	.34	.15	.17	.22	.22	.20	0.00	2.94	2.83	.28	.12	.24	.23	.08	.04
	SolV	1.36	.20						0.00	1.89				.15	Maç=	.74	(tm)
	SagV	-.69	.20						0.00	1.89				.15	Xaç=	2.54	m
K320	SolM	.66	0.00	-.20	.18	.10	.06	-.20	0.00	5.47	5.72	5.98	6.33	.44	.46	1.63	1.73
	SagM	-1.87	-1.15	-.41	-.76	-1.01	-.88	-.44	0.00	4.33	4.91	6.10	6.94	.34	.39	1.64	1.88
	SolV	1.73	.50						0.00	4.65				1.27	Maç=	1.43	(tm)
	SagV	-2.72	-1.40						0.00	4.65				1.27	Xaç=	1.24	m
K328	SolM	.98	.39	.39	0.00	.29	.10	.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)

FŸRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KŸRŸPt STATŸK HESAP SONUÇLARI

Kirlis		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K317	SolM	-.99	-.40	-.50	.14	-.13	.05	-.65	0.00	-3.40	-3.89	-8.00	-8.69	-.27	-.31	-2.17	-2.36
	SagM	-6.19	-2.00	-1.39	-.56	-.79	-1.45	-1.66	0.00	-4.32	-5.80	-15.58	-17.70	-.33	-.45	-4.18	-4.78
	SolV	.75	.20						0.00	8.31				2.25	Maç=	2.85	(tm)
	SagV	-5.31	-1.76						0.00	8.31				2.25	Xaç=	.62	m
K322	SolM	10.51	2.61	1.01	1.51	1.96	1.61	1.47	0.00	-2.40	-4.27	-39.57	-42.27	-.17	-.32	-10.80	-11.58
	SagM	1.98	.99	.20	.74	.95	.51	.41	0.00	-.40	-1.02	-9.44	-10.34	-.03	-.08	-2.58	-2.84
	SolV	4.88	1.02						0.00	14.81				4.06	Maç=	4.35	(tm)
	SagV	1.09	.97						0.00	14.81				4.06	Xaç=	3.55	m
K324	SolM	1.18	.55	.22	.32	.39	.37	.31	0.00	-.79	-.68	-6.86	-6.71	-.06	-.06	-1.90	-1.86
	SagM	.48	.67	.30	.33	.39	.34	.53	0.00	-1.40	-1.40	-5.93	-5.93	-.11	-.11	-1.65	-1.65
	SolV	2.48	.82						0.00	3.93				1.09	Maç=	2.76	(tm)
	SagV	-1.40	-.05						0.00	3.93				1.09	Xaç=	2.08	m
K323	SolM	-.69	-.66	-.41	-.21	-.58	-.09	-.56	0.00	1.03	1.34	-7.95	-7.51	.08	.11	-2.20	-2.08
	SagM	-1.77	-.84	-.65	-.16	-.34	-.55	-.74	0.00	.09	.41	-10.32	-9.87	0.00	.03	-2.85	-2.73
	SolV	.54	.03						0.00	7.37				2.04	Maç=	2.05	(tm)
	SagV	-2.51	-1.24						0.00	7.37				2.04	Xaç=	.59	m
K316	SolM	-2.04	-.71	-.17	-.51	-.57	-.43	-.34	0.00	1.07	1.22	-6.58	-6.36	.09	.10	-1.84	-1.78
	SagM	-3.91	-1.42	-.58	-.77	-.97	-.87	-.87	0.00	1.72	2.17	-16.88	-16.23	.14	.17	-4.69	-4.50
	SolV	-2.34	-1.02						0.00	11.30				3.14	Maç=	3.99	(tm)
	SagV	-3.49	-1.02						0.00	11.30				3.14	Xaç=	0.00	m
K325	SolM	4.46	1.43	.26	1.14	1.26	1.15	.37	0.00	-3.53	-2.18	-16.16	-14.23	-.30	-.19	-4.55	-4.00
	SagM	-.95	-.25	-.09	-.20	-.15	-.50	.09	0.00	-2.81	-2.03	-11.89	-10.77	-.24	-.17	-3.33	-3.02
	SolV	4.41	1.50						0.00	7.48				2.10	Maç=	2.43	(tm)
	SagV	-2.54	-.88						0.00	7.48				2.10	Xaç=	2.33	m
K326	SolM	4.26	.88	.66	.23	.12	1.01	.65	0.00	-.55	.48	-9.80	-8.32	-.06	.02	-2.77	-2.35
	SagM	-2.40	-.75	-.68	-.06	-.08	-.66	-.74	0.00	-1.01	.11	-11.89	-10.29	-.10	-.01	-3.36	-2.90
	SolV	5.40	1.30						0.00	5.49				1.55	Maç=	4.59	(tm)
	SagV	-4.17	-1.11						0.00	5.49				1.55	Xaç=	2.11	m
K327	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.75	-2.80	-2.78	-.02	-2.78	-.02	-2.81	0.00	1.20	1.16	-.09	-.15	.10	.09	-.02	-.04
	SolV	1.21	.34						0.00	0.00				0.00	Maç=	6.80	(tm)
	SagV	-5.34	-2.28						0.00	0.00				0.00	Xaç=	3.64	m
K329	SolM	-.59	-.20	-.14	-.07	-.08	-.16	-.16	0.00	.95	.86	.17	.04	.08	.07	.05	.02
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	.92	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K402	SolM	5.40	2.23	1.46	.67	.84	1.86	1.56	0.00	3.01	5.09	-12.63	-9.65	.22	.38	-3.51	-2.68
	SagM	-.11	.28	.19	.01	.24	.47	-.30	0.00	2.48	3.36	-4.54	-3.29	.19	.26	-1.27	-.92
	SolV	4.42	1.66						0.00	4.58				1.28	Maç=	3.04	(tm)
	SagV	-2.11	-.87						0.00	4.58				1.28	Xaç=	2.66	m
K401	SolM	1.92	.40	.03	.43	.25	-.21	.87	0.00	-1.76	-1.55	-1.59	-1.28	-.15	-.13	-.44	-.35
	SagM	-.69	-.53	-.15	-.37	-.48	-.16	-.40	0.00	-.29	.39	-4.19	-3.23	-.03	.02	-1.16	-.89
	SolV	4.22	1.74						0.00	1.43				.40	Maç=	5.78	(tm)
	SagV	-3.07	-1.23						0.00	1.43				.40	Xaç=	1.99	m
K407	SolM	.40	.01	0.00	.02	-.01	.03	.03	0.00	3.21	3.48	-.14	.24	.26	.28	-.05	.05
	SagM	-.69	.20	.18	.04	.03	.28	.12	0.00	3.55	3.90	-.12	.39	.28	.31	-.05	.09
	SolV	1.63	.06						0.00	2.08				.17	Maç=	1.65	(tm)
	SagV	-1.74	.06						0.00	2.08				.17	Xaç=	1.76	m
K406	SolM	-1.10	-.44	-.28	-.15	-.21	-.42	-.22	0.00	2.95	3.23	-1.67	-1.26	.23	.25	-.48	-.36
	SagM	-5.24	-1.34	-.50	-.80	-.93	-.71	-.97	0.00	5.60	6.07	-2.09	-1.40	.44	.48	-.60	-.41
	SolV	.46	-.02						0.00	3.29				.38	Maç=	2.12	(tm)
	SagV	-5.00	-1.25						0.00	3.29				.38	Xaç=	.45	m
K405	SolM	6.50	1.38	.86	.46	.52	1.10	1.03	0.00	7.80	8.53	-2.11	-1.06	.62	.68	-.63	-.34
	SagM	1.01	.48	-.24	.65	.70	.20	-.08	0.00	4.08	4.46	-1.59	-1.04	.33	.36	-.47	-.31
	SolV	5.42	1.10						0.00	2.79				.24	Maç=	4.30	(tm)
	SagV	-2.20	-.31						0.00	2.79				.24	Xaç=	3.19	m
K404	SolM	-2.61	-.59	-.38	-.12	-.28	-.09	-.63	0.00	6.38	6.99	.79	1.66	.51	.55	.18	.42
	SagM	-6.22	-1.15	-.58	-.47	-.63	-.59	-.87	0.00	14.43	16.15	-.19	2.28	1.14	1.28	-.16	.53
	SolV	-1.33	-.55						0.00	7.35				.58	Maç=	4.59	(tm)
	SagV	-4.28	-.55						0.00	7.35				.58	Xaç=	0.00	m
K403	SolM	-3.78	-.85	-.35	-.42	-.40	-.57	-.59	0.00	52.23	58.44	-9.12	-.32	3.93	4.39	-2.78	-.55
	SagM	-3.92	-1.01	-.44	-.49	-.49	-.63	-.72	0.00	54.13	60.66	-9.21	.06	4.08	4.57	-2.83	-.46
	SolV	-2.04	-.49						0.00	31.53				2.37	Maç=	0.00	(tm)
	SagV	-2.04	-.49						0.00	31.53				2.37	Xaç=	0.00	m
K408	SolM	-.32	.01	-.03	.05	.02	.02	0.00	0.00	.57	-.21	-3.58	-4.70	.06	-.01	-.90	-1.21
	SagM	-1.50	-.11	.06	-.17	-.11	.20	-.30	0.00	-2.57	-2.70	-.68	-.87	-.21	-.22	-.16	-.22
	SolV	1.65	.51						0.00	1.81				.46	Maç=	2.68	(tm)
	SagV	-2.84	-.58						0.00	1.81				.46	Xaç=	1.26	m
K409	SolM	.90	.04	-.12	.17	.11	-.27	.26	0.00	4.54	3.37	-4.76	-6.44	.38	.29	-1.19	-1.66
	SagM	-4.92	-1.24	-.35	-.85	-.99	-.43	-.98	0.00	7.02	4.35	-12.32	-16.16	.60	.39	-3.09	-4.17
	SolV	2.68	.60						0.00	4.78				1.23	Maç=	3.35	(tm)
	SagV	-4.39	-1.12						0.00	4.78				1.23	Xaç=	1.87	m
K410	SolM	4.14	1.40	.66	.68	.89	.89	.90	0.00	57.82	50.63	6.85	-3.36	4.51	3.97	2.23	-.40
	SagM	3.99	1.18	.61	.52	.73	.81	.71	0.00	56.00	49.03	6.18	-3.72	4.36	3.84	2.03	-.51
	SolV	2.27	.72						0.00	31.81				2.48	Maç=	0.00	(tm)
	SagV	2.27	.72						0.00	31.81				2.48	Xaç=	0.00	m
K411	SolM	5.12	1.31	.49	.79	.92	.65	.99	0.00	11.05	9.60	3.42	1.35	.90	.79	1.03	.45
	SagM	1.17	.32	.20	.11	.16	.25	.22	0.00	3.25	2.89	.73	.21	.26	.24	.23	.08
	SolV	3.81	.89						0.00	5.06				.44	Maç=	2.16	(tm)
	SagV	.56	.21						0.00	5.06				.44	Xaç=	2.82	m
K412	SolM	-.55	-.30	-.36	.10	-.01	-.49	0.00	0.00	-1.37	-1.15	-3.97	-3.65	-.11	-.10	-1.09	-1.00
	SagM	-.96	-.27	-.10	-.16	-.20	-.11	-.21	0.00	-.75	-.92	-5.19	-5.42	-.06	-.07	-1.38	-1.44
	SolV	2.04	.45						0.00	2.84				.77	Maç=	4.82	(tm)
	SagV	-2.70	-.79						0.00	2.84				.77	Xaç=	1.34	m
K413	SolM	2.76	.48	.23	.23	.27	.36	.30	0.00	7.49	6.63	.44	-.78	.61	.54	.18	-.17
	SagM	.94	.19	.06	.12	.17	.11	.08	0.00	6.48	5.81	.38	-.58	.53	.47	.15	-.13
	SolV	3.03	.41						0.00	4.40				.36	Maç=	1.92	(tm)
	SagV	-.49	.03						0.00	4.40				.36	Xaç=	2.43	m
K414	SolM	2.13	.38	.17	.18	.16	.30	.25	0.00	4.19	3.85	-.08	-.57	.34	.31	.01	-.13
	SagM	.03	.18	.06	.10	.09	.12	.11	0.00	2.65	2.40	-.02	-.37	.22	.20	.01	-.08
	SolV	2.34	.15						0.00	1.82				.15	Maç=	1.30	(tm)
	SagV	-1.23	.15						0.00	1.82				.15	Xaç=	2.53	m
K415	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-1.93	-.49	-.12	-.38	-.41	-.45	-.12	0.00	2.54	2.36	-.09	-.35	.21	.19	-.01	-.08
	SolV	1.25	.20						0.00	0.00				0.00	Maç=	3.04	(tm)
	SagV	-2.63	-.82						0.00	0.00				0.00	Xaç=	2.13	m
K418	SolM	2.60	.74	.01	.73	.67	.80	0.00	0.00	4.21	3.91	-.15	-.57	.34	.32	-.02	-.14
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	.63	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	2.15	m
K419	SolM	1.53	.41	.19	.20	.25	.28	.24	0.00	2.82	2.69	.36	.18	.23	.22	.11	.06
	SagM	-.09	.29	.13	.14	.18	.20	.16	0.00	2.07	1.99	.28	.16	.17	.16	.08	.05
	SolV	1.45	.19						0.00	1.34				.11	Maç=	.62	(tm)
	SagV	-.72	.19						0.00	1.34				.11	Xaç=	2.59	m
K420	SolM	.08	-.20	.04	-.26	-.37	-.04	-.02	0.00	4.57	4.82	5.88	6.24	.36	.38	1.57	1.67
	SagM	-2.08	-1.26	-.84	-.42	-.55	-1.09	-.89	0.00	3.94	4.57	6.29	7.18	.31	.36	1.65	1.90
	SolV	1.47	.40						0.00	4.75				1.27	Maç=	1.81	(tm)
	SagV	-2.99	-1.50						0.00	4.75				1.27	Xaç=	1.09	m
K428	SolM	.98	.39	0.00	.39	.39	.29	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
K421	SolM	2.70	.91	.75	.15	.21	.83	.77	0.00	.72	.30	-3.58	-4.17	.06	.03	-.93	-1.10
	SagM	-2.98	-.71	-.87	.14	.28	-.76	-.96	0.00	1.64	1.23	-2.01	-2.60	.14	.10	-.51	-.68
	SolV	3.41	1.11						0.00	1.48				.39	Maç=	5.28	(tm)

FŸRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KŸRŸPt STATŸK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K422	SolM	12.34	3.00	1.73	1.18	1.71	2.24	1.85	0.00	-2.75	-4.27	-34.21	-36.43	-.21	-.33	-8.92	-9.55
	SagM	2.92	1.17	.84	.28	.54	1.08	.62	0.00	-.34	-.80	-6.08	-6.75	-.02	-.06	-1.55	-1.74
	SolV	5.65	1.17						0.00	12.07				3.16	Maç=	5.96	(tm)
	SagV	1.77	1.12						0.00	12.07				3.16	Xaç=	3.58	m
K424	SolM	1.19	.58	.30	.26	.33	.37	.41	0.00	-.80	-.69	-6.34	-6.18	-.07	-.06	-1.71	-1.66
	SagM	.47	.68	.30	.34	.52	.35	.40	0.00	-1.43	-1.46	-4.49	-4.53	-.11	-.12	-1.22	-1.23
	SolV	2.47	.83						0.00	3.36				.91	Maç=	2.69	(tm)
	SagV	-1.41	-.04						0.00	3.36				.91	Xaç=	2.06	m
K423	SolM	-1.42	-.96	-.30	-.62	-.78	-.74	-.30	0.00	1.17	1.43	-5.43	-5.05	.09	.11	-1.44	-1.33
	SagM	-1.39	-.75	-.11	-.62	-.68	-.28	-.50	0.00	.09	.36	-8.11	-7.73	0.00	.03	-2.17	-2.07
	SolV	.48	-.02						0.00	5.35				1.43	Maç=	3.29	(tm)
	SagV	-2.68	-1.33						0.00	5.35				1.43	Xaç=	.52	m
K416	SolM	-1.87	-.60	-.43	-.14	-.25	-.49	-.39	0.00	.91	1.00	-3.80	-3.64	.07	.08	-1.00	-.95
	SagM	-4.78	-1.68	-.82	-.78	-1.02	-1.10	-1.08	0.00	1.73	2.16	-14.47	-13.84	.14	.17	-3.84	-3.66
	SolV	-2.71	-1.11						0.00	8.91				2.36	Maç=	3.58	(tm)
	SagV	-3.86	-1.11						0.00	8.91				2.36	Xaç=	0.00	m
K425	SolM	4.42	1.45	1.14	.27	.34	1.29	1.18	0.00	-3.09	-1.83	-14.31	-12.50	-.26	-.16	-3.90	-3.40
	SagM	-.77	-.19	-.16	-.07	.08	-.07	-.47	0.00	-2.46	-1.75	-10.61	-9.58	-.21	-.15	-2.88	-2.59
	SolV	4.51	1.55						0.00	6.60				1.80	Maç=	2.74	(tm)
	SagV	-2.54	-.87						0.00	6.60				1.80	Xaç=	2.34	m
K426	SolM	4.21	.83	.22	.63	.60	.10	1.00	0.00	-.69	.27	-8.68	-7.31	-.07	.01	-2.38	-1.99
	SagM	-2.28	-.72	-.08	-.63	-.72	-.10	-.61	0.00	-1.06	-.06	-10.32	-8.88	-.10	-.02	-2.81	-2.41
	SolV	5.42	1.30						0.00	4.81				1.31	Maç=	4.77	(tm)
	SagV	-4.15	-1.11						0.00	4.81				1.31	Xaç=	2.11	m
K427	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.72	-2.79	-.04	-2.75	-2.78	-2.76	-.04	0.00	.92	.87	-.08	-.15	.07	.07	-.02	-.04
	SolV	1.23	.35						0.00	0.00				0.00	Maç=	6.99	(tm)
	SagV	-5.38	-2.29						0.00	0.00				0.00	Xaç=	3.65	m
K429	SolM	-.61	-.21	-.07	-.14	-.17	-.08	-.17	0.00	1.10	.98	.16	0.00	.09	.08	.04	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	.94	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K502	SolM	6.26	2.58	.80	1.66	1.77	1.20	1.95	0.00	2.97	5.05	-11.93	-8.95	.21	.38	-3.22	-2.39
	SagM	.44	.54	.11	.33	-.11	.47	.52	0.00	2.35	3.16	-3.94	-2.78	.18	.24	-1.07	-.75
	SolV	4.80	1.82						0.00	4.23				1.14	Maç=	3.33	(tm)
	SagV	-1.73	-.71						0.00	4.23				1.14	Xaç=	2.79	m
K501	SolM	1.43	.17	.29	-.05	.68	.05	-.25	0.00	-1.59	-1.39	-1.44	-1.15	-.13	-.11	-.40	-.32
	SagM	-.78	-.59	-.42	-.15	-.48	-.50	-.17	0.00	-.17	.49	-3.91	-2.95	-.02	.03	-1.06	-.79
	SolV	4.07	1.67						0.00	1.32				.36	Maç=	6.16	(tm)
	SagV	-3.22	-1.30						0.00	1.32				.36	Xaç=	1.92	m
K507	SolM	.43	.02	-.01	.04	0.00	.02	.04	0.00	3.13	3.36	-.19	.15	.25	.27	-.06	.03
	SagM	-.09	.35	.06	.31	.16	.20	.38	0.00	3.22	3.48	-.27	.10	.26	.28	-.08	.02
	SolV	1.80	.10						0.00	1.93				.16	Maç=	2.15	(tm)
	SagV	-1.57	.10						0.00	1.93				.16	Xaç=	1.99	m
K506	SolM	-1.00	-.42	-.13	-.28	-.21	-.25	-.38	0.00	1.62	1.76	-1.42	-1.22	.12	.13	-.40	-.34
	SagM	-5.58	-1.44	-.87	-.53	-1.04	-1.03	-.72	0.00	4.57	4.97	-1.85	-1.26	.35	.39	-.53	-.36
	SolV	.38	-.05						0.00	2.38				.33	Maç=	1.89	(tm)
	SagV	-5.08	-1.28						0.00	2.38				.33	Xaç=	.41	m
K505	SolM	6.94	1.49	.49	.95	1.10	.60	1.17	0.00	7.66	8.39	-2.20	-1.14	.61	.67	-.65	-.35
	SagM	1.70	.66	.70	-.11	.01	.84	.34	0.00	3.68	4.04	-1.62	-1.11	.29	.32	-.47	-.33
	SolV	5.67	1.17						0.00	2.67				.24	Maç=	4.90	(tm)
	SagV	-1.95	-.24						0.00	2.67				.24	Xaç=	3.32	m
K504	SolM	-2.70	-.59	-.03	-.47	-.61	-.33	-.06	0.00	5.43	5.91	.96	1.64	.43	.47	.24	.42
	SagM	-6.66	-1.25	-.42	-.73	-.89	-.77	-.63	0.00	13.88	15.51	-.07	2.26	1.10	1.23	-.12	.53
	SolV	-1.49	-.59						0.00	6.80				.54	Maç=	4.73	(tm)
	SagV	-4.45	-.59						0.00	6.80				.54	Xaç=	0.00	m
K503	SolM	-4.38	-1.04	-.46	-.50	-.60	-.63	-.67	0.00	34.22	37.52	-5.88	-1.25	2.62	2.87	-1.45	-.56
	SagM	-4.26	-1.13	-.48	-.56	-.70	-.69	-.69	0.00	35.71	39.26	-5.96	-.99	2.74	3.01	-1.48	-.50
	SolV	-2.29	-.57						0.00	20.32				1.56	Maç=	0.00	(tm)
	SagV	-2.29	-.57						0.00	20.32				1.56	Xaç=	0.00	m
K508	SolM	-.34	0.00	.01	.01	-.02	.05	.01	0.00	.66	-.12	-3.35	-4.46	.06	0.00	-.81	-1.11
	SagM	-1.13	-.01	-.20	.19	-.28	.03	.25	0.00	-2.55	-2.59	-.28	-.35	-.21	-.21	-.07	-.09
	SolV	1.77	.54						0.00	1.56				.39	Maç=	2.98	(tm)
	SagV	-2.73	-.55						0.00	1.56				.39	Xaç=	1.34	m
K509	SolM	.52	-.08	.17	-.23	.24	-.04	-.32	0.00	4.27	3.22	-4.02	-5.52	.36	.27	-.96	-1.38
	SagM	-5.58	-1.42	-.91	-.46	-1.06	-1.15	-.54	0.00	7.02	4.36	-11.60	-15.42	.60	.39	-2.79	-3.85
	SolV	2.46	.54						0.00	4.43				1.11	Maç=	3.28	(tm)
	SagV	-4.61	-1.18						0.00	4.43				1.11	Xaç=	1.75	m
K510	SolM	4.28	1.46	.77	.62	.94	1.00	.86	0.00	36.65	32.72	3.64	-1.87	2.91	2.60	.87	-.25
	SagM	4.32	1.30	.64	.60	.78	.87	.82	0.00	35.20	31.45	3.08	-2.17	2.79	2.50	.71	-.34
	SolV	2.40	.77						0.00	20.08				1.59	Maç=	0.00	(tm)
	SagV	2.40	.77						0.00	20.08				1.59	Xaç=	0.00	m
K511	SolM	5.69	1.43	.84	.56	1.02	1.04	.75	0.00	10.32	8.98	3.73	1.81	.84	.73	1.09	.56
	SagM	1.39	.37	.13	.23	.23	.21	.29	0.00	2.98	2.65	.83	.36	.24	.22	.25	.12
	SolV	4.09	.95						0.00	4.70				.47	Maç=	2.54	(tm)
	SagV	.84	.27						0.00	4.70				.47	Xaç=	2.82	m
K512	SolM	-.96	-.40	.04	-.40	-.07	-.12	-.52	0.00	-1.41	-1.18	-3.75	-3.41	-.12	-.10	-1.04	-.94
	SagM	-1.05	-.29	-.17	-.11	-.23	-.22	-.12	0.00	-.83	-.98	-4.97	-5.19	-.07	-.08	-1.28	-1.34
	SolV	1.88	.41						0.00	2.70				.72	Maç=	5.16	(tm)
	SagV	-2.85	-.83						0.00	2.70				.72	Xaç=	1.34	m
K513	SolM	2.91	.50	.24	.23	.29	.30	.36	0.00	6.49	5.75	.53	-.55	.52	.46	.19	-.11
	SagM	.55	.09	.10	-.03	.03	.08	.04	0.00	4.93	4.48	.42	-.25	.40	.36	.14	-.05
	SolV	2.96	.39						0.00	3.60				.29	Maç=	1.35	(tm)
	SagV	-.57	.01						0.00	3.60				.29	Xaç=	2.35	m
K514	SolM	1.54	.28	.04	.21	.16	.18	.17	0.00	3.57	3.35	-.27	-.59	.29	.28	-.05	-.14
	SagM	.03	.18	.07	.10	.10	.14	.10	0.00	2.59	2.36	-.08	-.41	.21	.19	0.00	-.09
	SolV	2.18	.12						0.00	1.64				.13	Maç=	1.63	(tm)
	SagV	-1.39	.12						0.00	1.64				.13	Xaç=	2.33	m
K515	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-1.79	-.44	-.35	-.10	-.10	-.38	-.41	0.00	2.37	2.18	-.09	-.35	.19	.18	-.01	-.09
	SolV	1.25	.20						0.00	0.00				0.00	Maç=	3.16	(tm)
	SagV	-2.63	-.82						0.00	0.00				0.00	Xaç=	2.13	m
K518	SolM	2.85	.82	.78	.04	.03	.72	.88	0.00	3.92	3.62	-.14	-.59	.32	.29	-.02	-.14
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	.52	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	2.22	m
K519	SolM	1.37	.41	.18	.20	.26	.28	.22	0.00	2.33	2.22	.38	.23	.19	.18	.11	.07
	SagM	-.02	.33	.15	.16	.20	.24	.18	0.00	1.71	1.63	.30	.19	.14	.13	.08	.05
	SolV	1.43	.20						0.00	1.10				.09	Maç=	.78	(tm)
	SagV	-.75	.20						0.00	1.10				.09	Xaç=	2.57	m
K520	SolM	.49	-.10	-.24	.12	-.01	-.28	.06	0.00	3.51	3.74	5.33	5.65	.28	.29	1.40	1.49
	SagM	-1.89	-1.24	-.46	-.79	-.93	-.53	-1.04	0.00	3.08	3.72	5.95	6.86	.23	.29	1.54	1.79
	SolV	1.68	.44						0.00	4.43				1.16	Maç=	1.54	(tm)
	SagV	-2.77	-1.46						0.00	4.43				1.16	Xaç=	1.19	m
K528	SolM	.98	.39	.39	0.00	.10	.39	.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	1.42	m
K521	SolM	2.69	.90	.17	.73	.77	.22	.81	0.00	.63	.28	-2.95	-3.46	.06	.03	-.74	-.88
	SagM	-2.75	-.65	.19	-.85	-.90	.32	-.73	0.00	1.62	1.29	-1.22	-1.69	.13	.11	-.30	-.43
	SolV	3.46	1.12						0.00	1.12				.29	Maç=	5.60	(tm)
	SagV	-4.58	-1.26						0.00	1.12				.29	Xaç=	3.11	m
K517	SolM	-1.85	-.66	-.66	.04	-.04	-.94	-.26	0.00	-2.87	-3.19	-5.51	-5.96	-.23	-.25	-1.40	-1.52
	SagM	-7.62	-2.43	-1.60	-.77	-1.65	-2.01	-1.08	0.00	-3.93	-5.35	-13.37	-15.41	-.30	-.41	-3.33	-3.89
	SolV	.08	0.00						0.00	6.67				1.69	Maç=	3.80	(tm)

	SagV	-6.07	-1.99						0.00	6.67				1.69	Xaç=	.30	m	
K522	SolM	12.92	3.11	1.24	1.78	1.91	1.83	2.29	0.00	-3.00	-4.21	-27.89	-29.69	-.23	-.33	-6.91		-7.42
	SagM	2.99	1.17	.28	.83	.62	.55	1.06	0.00	-.27	-.59	-3.01	-3.49	-.02	-.04	-.67		-.80
	SolV	5.83	1.20						0.00	9.27				2.30	Maç=	6.05	(tm)	
	SagV	1.95	1.15						0.00	9.27				2.30	Xaç=	3.58	m	

FÝRMA : EMKA YAPI MUHENDISLiK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K524	SolM	1.36	.63	.26	.35	.45	.33	.44	0.00	-.74	-.63	-5.64	-5.48	-.06	-.05	-1.48	-1.44
	SagM	1.04	.87	.37	.45	.54	.58	.53	0.00	-1.38	-1.44	-3.12	-3.19	-.11	-.11	-.83	-.85
	SolV	2.70	.90						0.00	2.71				.72	Maç=	3.28	(tm)
	SagV	-1.18	.03						0.00	2.71				.72	Xaç=	2.26	m
K523	SolM	-1.51	-1.03	-.62	-.36	-.33	-.80	-.82	0.00	1.21	1.44	-4.08	-3.75	.10	.11	-1.05	-.96
	SagM	-1.37	-.77	-.63	-.12	-.51	-.70	-.29	0.00	.14	.42	-7.95	-7.58	.01	.03	-2.09	-1.99
	SolV	.45	-.05						0.00	4.76				1.24	Maç=	3.39	(tm)
	SagV	-2.71	-1.36						0.00	4.76				1.24	Xaç=	.51	m
K516	SolM	-2.50	-.78	-.17	-.58	-.50	-.33	-.65	0.00	.94	1.02	-2.83	-2.68	.08	.08	-.68	-.63
	SagM	-5.76	-1.97	-.82	-1.06	-1.26	-1.16	-1.36	0.00	1.82	2.21	-12.25	-11.65	.15	.18	-3.09	-2.93
	SolV	-3.50	-1.34						0.00	7.35				1.84	Maç=	4.75	(tm)
	SagV	-4.65	-1.34						0.00	7.35				1.84	Xaç=	0.00	m
K525	SolM	4.98	1.60	.33	1.22	1.23	.48	1.40	0.00	-2.87	-1.60	-13.27	-11.44	-.25	-.14	-3.51	-3.01
	SagM	-.49	-.10	-.06	-.09	-.44	.13	.02	0.00	-2.18	-1.52	-9.22	-8.28	-.18	-.13	-2.43	-2.17
	SolV	4.74	1.61						0.00	5.96				1.57	Maç=	2.73	(tm)
	SagV	-2.31	-.80						0.00	5.96				1.57	Xaç=	2.43	m
K526	SolM	3.87	.75	.58	.20	.96	.52	.06	0.00	-.65	.13	-6.65	-5.53	-.06	0.00	-1.78	-1.47
	SagM	-2.36	-.70	-.61	-.09	-.60	-.67	-.12	0.00	-.98	-.18	-8.03	-6.88	-.09	-.03	-2.14	-1.82
	SolV	5.31	1.28						0.00	3.72				.99	Maç=	5.01	(tm)
	SagV	-4.25	-1.13						0.00	3.72				.99	Xaç=	2.11	m
K527	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.54	-2.72	-2.72	-.01	-.01	-2.74	-2.71	0.00	.70	.63	-.07	-.16	.06	.05	-.01	-.04
	SolV	1.23	.35						0.00	0.00				0.00	Maç=	7.15	(tm)
	SagV	-5.38	-2.29						0.00	0.00				0.00	Xaç=	3.69	m
K529	SolM	-.73	-.24	-.16	-.08	-.18	-.19	-.11	0.00	1.21	1.09	.15	-.02	.10	.09	.03	-.02
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	1.04	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
K602	SolM	4.65	2.11	1.31	.70	1.65	1.53	.83	0.00	2.66	4.17	-7.94	-5.78	.20	.32	-2.11	-1.51
	SagM	.50	.40	.25	.06	.50	-.09	.21	0.00	2.07	2.54	-1.87	-1.19	.16	.20	-.49	-.31
	SolV	3.76	1.66						0.00	2.61				.69	Maç=	3.37	(tm)
	SagV	-1.52	-.87						0.00	2.61				.69	Xaç=	2.72	m
K601	SolM	.74	.17	-.05	.29	-.30	.63	.15	0.00	-1.46	-1.41	-.68	-.62	-.12	-.11	-.19	-.17
	SagM	-.42	-.42	-.12	-.29	-.15	-.37	-.32	0.00	.02	.38	-2.18	-1.66	0.00	.03	-.58	-.44
	SolV	3.32	1.71						0.00	.71				.19	Maç=	6.01	(tm)
	SagV	-2.63	-1.26						0.00	.71				.19	Xaç=	1.88	m
K607	SolM	.15	.02	0.00	.03	.01	.02	.03	0.00	2.02	2.08	-.10	-.02	.16	.17	-.03	-.01
	SagM	1.02	.44	.29	.16	.37	.33	.20	0.00	2.27	2.35	-.40	-.30	.19	.19	-.10	-.07
	SolV	.82	.13						0.00	1.23				.10	Maç=	1.92	(tm)
	SagV	-.17	.13						0.00	1.23				.10	Xaç=	3.24	m
K606	SolM	-1.68	-.46	-.25	-.20	-.33	-.31	-.26	0.00	1.09	1.15	-1.30	-1.23	.09	.10	-.34	-.33
	SagM	-6.09	-1.49	-.56	-.89	-.74	-1.17	-.99	0.00	5.56	5.99	-2.00	-1.42	.47	.50	-.53	-.39
	SolV	-.04	-.09						0.00	2.57				.32	Maç=	3.09	(tm)
	SagV	-5.50	-1.31						0.00	2.57				.32	Xaç=	0.00	m
K605	SolM	7.45	1.68	.99	.63	1.31	1.24	.70	0.00	8.68	9.44	-2.49	-1.43	.71	.78	-.71	-.42
	SagM	2.20	.86	-.09	.87	.47	.15	.95	0.00	3.95	4.30	-1.74	-1.26	.33	.36	-.49	-.36
	SolV	5.90	1.25						0.00	2.94				.26	Maç=	5.29	(tm)
	SagV	-1.81	-.17						0.00	2.94				.26	Xaç=	3.44	m
K604	SolM	-2.62	-.54	-.35	-.10	.05	-.67	-.28	0.00	4.09	4.42	1.07	1.54	.33	.36	.28	.40
	SagM	-6.60	-1.26	-.61	-.55	-.57	-.99	-.75	0.00	12.47	13.93	.03	2.11	.99	1.11	-.08	.49
	SolV	-1.50	-.58						0.00	5.92				.47	Maç=	4.53	(tm)
	SagV	-4.45	-.58						0.00	5.92				.47	Xaç=	0.00	m
K603	SolM	-3.43	-.87	-.36	-.45	-.56	-.63	-.43	0.00	19.32	20.75	-3.16	-1.29	1.51	1.63	-.57	-.42
	SagM	-3.80	-1.09	-.46	-.54	-.62	-.80	-.59	0.00	22.36	24.26	-3.18	-.64	1.75	1.90	-.61	-.27
	SolV	-1.90	-.51						0.00	11.84				.93	Maç=	0.00	(tm)
	SagV	-1.90	-.51						0.00	11.84				.93	Xaç=	0.00	m
K608	SolM	-.46	-.06	-.08	.03	-.06	-.05	.01	0.00	.42	-.02	-2.02	-2.65	.04	0.00	-.48	-.65
	SagM	-.58	-.06	.09	-.15	.16	-.20	-.10	0.00	-2.69	-2.55	.17	.37	-.22	-.21	.03	.09
	SolV	1.40	.51						0.00	.83				.18	Maç=	2.84	(tm)
	SagV	-2.08	-.59						0.00	.83				.18	Xaç=	1.34	m
K609	SolM	.26	.01	-.12	.14	-.21	.17	.07	0.00	3.40	2.82	-1.81	-2.64	.28	.24	-.41	-.64
	SagM	-3.61	-1.01	-.29	-.69	-.31	-.88	-.75	0.00	5.91	4.03	-7.28	-9.97	.50	.35	-1.70	-2.44
	SolV	2.03	.65						0.00	2.67				.65	Maç=	3.42	(tm)
	SagV	-3.46	-1.07						0.00	2.67				.65	Xaç=	1.87	m
K610	SolM	3.58	1.26	.62	.58	.78	.81	.81	0.00	22.86	20.66	1.76	-1.19	1.85	1.68	.24	-.22
	SagM	2.88	.87	.50	.33	.63	.52	.50	0.00	20.35	18.47	.38	-2.11	1.65	1.50	-.15	-.48
	SolV	1.79	.59						0.00	11.99				.97	Maç=	0.00	(tm)
	SagV	1.79	.59						0.00	11.99				.97	Xaç=	0.00	m
K611	SolM	5.77	1.43	.55	.84	.69	1.05	1.05	0.00	9.43	8.22	3.79	2.07	.77	.68	1.09	.62
	SagM	1.47	.39	.24	.14	.28	.26	.22	0.00	3.36	3.02	.92	.46	.28	.26	.26	.14
	SolV	4.18	.97						0.00	4.56				.48	Maç=	2.69	(tm)
	SagV	.93	.29						0.00	4.56				.48	Xaç=	2.80	m
K612	SolM	-1.14	-.38	-.37	.03	-.49	-.12	-.07	0.00	-1.33	-1.10	-3.59	-3.26	-.11	-.09	-.98	-.89
	SagM	-1.07	-.27	-.09	-.17	-.10	-.23	-.18	0.00	-.93	-1.04	-4.87	-5.01	-.07	-.08	-1.24	-1.27
	SolV	1.83	.43						0.00	2.64				.69	Maç=	5.26	(tm)
	SagV	-2.90	-.81						0.00	2.64				.69	Xaç=	1.31	m
K613	SolM	3.09	.55	.26	.26	.39	.33	.34	0.00	7.61	6.78	.50	-.63	.65	.58	.16	-.14
	SagM	1.02	.09	.04	.04	.07	-.03	.12	0.00	3.94	3.68	.36	.01	.33	.31	.10	.01
	SolV	3.15	.40						0.00	3.70				.32	Maç=	1.82	(tm)
	SagV	-.37	.02						0.00	3.70				.32	Xaç=	2.51	m
K614	SolM	.06	.11	.05	.04	.07	.12	0.00	0.00	2.20	2.22	-.53	-.49	.18	.18	-.14	-.13
	SagM	.11	.08	.02	.06	.03	.07	.05	0.00	1.48	1.41	-.17	-.27	.12	.11	-.04	-.07
	SolV	.57	.05						0.00	.97				.08	Maç=	.80	(tm)
	SagV	-.48	.05						0.00	.97				.08	Xaç=	2.17	m
K615	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-1.59	-.35	-.06	-.29	-.32	-.06	-.32	0.00	2.08	1.87	-.10	-.38	.18	.16	-.02	-.09
	SolV	1.25	.20						0.00	0.00				0.00	Maç=	3.33	(tm)
	SagV	-2.63	-.82						0.00	0.00				0.00	Xaç=	2.20	m
K618	SolM	3.18	.97	.09	.88	1.02	.10	.83	0.00	3.44	3.10	-.16	-.63	.29	.27	-.03	-.15
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.87	.25						0.00	0.00				0.00	Maç=	-.01	(tm)
	SagV	-1.09	-.13						0.00	0.00				0.00	Xaç=	1.98	m
K619	SolM	.58	.32	.15	.15	.21	.24	.16	0.00	1.61	1.59	.28	.25	.13	.13	.08	.07
	SagM	.13	.25	.12	.12	.15	.19	.13	0.00	.96	.95	.23	.21	.08	.08	.06	.06
	SolV	.59	.15						0.00	.68				.06	Maç=	.45	(tm)
	SagV	-.22	.15						0.00	.68				.06	Xaç=	3.08	m
K620	SolM	.56	-.05	.11	-.18	.06	.03	-.22	0.00	2.57	2.72	4.21	4.41	.21	.22	1.09	1.15
	SagM	-1.74	-1.19	-.82	-.38	-1.04	-.91	-.44	0.00	3.37	4.01	5.00	5.89	.28	.33	1.27	1.52
	SolV	1.80	.49						0.00	3.65				.94	Maç=	1.58	(tm)
	SagV	-2.73	-1.43						0.00	3.65				.94	Xaç=	1.20	m
K628	SolM	.96	.38	0.00	.38	.28	.10	.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.89	.32						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.40	.20						0.00	0.00				0.00	Xaç=	0.00	m
K621	SolM	2.71	.89	.77	.12	.83	.78	.17	0.00	.61	.26	-2.57	-3.04	.05	.03	-.64	-.76
	SagM	-2.54	-.60	-.77	.16	-.67	-.84	.28	0.00	1.61	1.27	-.88	-1.35	.13	.11	-.21	-.34
	SolV	3.55	1.14						0.00	.95				.24	Maç=	6.08	(tm)
	SagV	-4.59	-1.27						0.00	.95				.24	Xaç=	3.11	m
K617	SolM	-.96	-.38	.11	-.47	-.10	.07	-.67	0.00	-2.35	-2.42	-2.83	-2.91	-.19	-.19	-.71	-.73
	SagM	-6.26	-1.98	-.68	-1.25	-.88	-1.47	-1.52	0.00	-3.79	-4.64	-8.87	-10.07	-.30	-.37	-2.18	-2.51
	SolV	.79	.23						0.00	4.09				1.02	Maç=	2.82	(tm)
	SagV	-5.36	-1.76						0.00	4.09				1.02	Xaç=	.65	m
K622	SolM	13.56	3.02	1.71	1.23	2.13	2.02	1.73	0.00	-2.78	-3.90	-22.15	-23.65	-.21	-.31	-5.32	-5.71
	SagM	3.49	1.17	.83	.29	1.03	.71	.51	0.00	-.18	-.43	-.62	-.96	-.01	-.03	-.04	-.13
	SolV	6.14	1.17						0.00	6.83				1.62	Maç=	6.76	(tm)

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KÝRÝPt STATÝK HESAP SONUÇLARI

Kiris		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K623	SolM	-2.11	-1.21	-.36	-.79	-.96	-.36	-.99	0.00	1.06	1.24	-2.30	-2.05	.08	.10	-.57	-.50
	SagM	-1.47	-.75	-.09	-.65	-.30	-.48	-.69	0.00	-.01	.20	-6.33	-6.04	0.00	.01	-1.65	-1.58
	SolV	.23	-.10						0.00	3.38				.87	Maç=	4.34	(tm)
	SagV	-2.99	-1.43						0.00	3.38				.87	Xaç=	.32	m
K616	SolM	-1.84	-.46	-.39	-.05	-.41	-.29	-.17	0.00	.73	.78	-.41	-.34	.06	.06	-.02	-.01
	SagM	-5.73	-1.89	-.92	-.89	-1.27	-1.14	-1.20	0.00	1.63	2.07	-9.63	-9.06	.13	.16	-2.29	-2.16
	SolV	-3.16	-1.15						0.00	4.89				1.13	Maç=	3.32	(tm)
	SagV	-4.31	-1.15						0.00	4.89				1.13	Xaç=	0.00	m
K625	SolM	3.87	1.19	.95	.20	1.08	.92	.31	0.00	-2.57	-1.69	-9.37	-8.14	-.22	-.15	-2.42	-2.09
	SagM	-1.01	-.26	-.18	-.12	-.11	-.53	.03	0.00	-1.82	-1.38	-6.51	-5.92	-.15	-.11	-1.66	-1.51
	SolV	4.37	1.48						0.00	4.18				1.07	Maç=	3.04	(tm)
	SagV	-2.78	-.96						0.00	4.18				1.07	Xaç=	2.26	m
K626	SolM	4.21	.92	.28	.66	.17	1.10	.61	0.00	-.62	.01	-4.38	-3.51	-.06	-.01	-1.13	-.91
	SagM	-1.71	-.46	0.00	-.45	-.01	-.41	-.48	0.00	-.84	-.32	-4.89	-4.19	-.08	-.03	-1.26	-1.07
	SolV	5.59	1.39						0.00	2.33				.60	Maç=	5.43	(tm)
	SagV	-4.07	-1.04						0.00	2.33				.60	Xaç=	2.11	m
K627	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-6.35	-2.65	.01	-2.66	-2.65	.02	-2.68	0.00	.42	.34	-.06	-.17	.04	.03	-.01	-.04
	SolV	1.25	.36						0.00	0.00				0.00	Maç=	7.46	(tm)
	SagV	-5.41	-2.31						0.00	0.00				0.00	Xaç=	3.70	m
K629	SolM	-.77	-.25	-.08	-.17	-.10	-.19	-.20	0.00	1.29	1.16	.10	-.09	.11	.10	.01	-.05
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.40	.20						0.00	0.00				0.00	Maç=	1.07	(tm)
	SagV	-.15	-.05						0.00	0.00				0.00	Xaç=	.05	m
KÇ06	SolM	-.71	-.15	-.06	-.08	-.07	-.11	-.09	0.00	1.53	1.66	-.61	-.45	.13	.14	-.16	-.12
	SagM	-4.63	-1.08	-.48	-.56	-.54	-.78	-.75	0.00	3.52	3.78	-.44	-.14	.32	.34	-.09	-.03
	SolV	-1.34	-.31						0.00	1.96				.18	Maç=	1.22	(tm)
	SagV	-2.55	-.60						0.00	1.96				.18	Xaç=	0.00	m
KÇ05	SolM	4.57	1.21	.43	.73	.59	.88	.84	0.00	8.87	9.71	-2.01	-.87	.74	.81	-.57	-.27
	SagM	2.63	.59	.41	.12	.56	.29	.22	0.00	3.86	4.36	-1.53	-.84	.32	.36	-.44	-.25
	SolV	2.85	.73						0.00	3.01				.25	Maç=	4.63	(tm)
	SagV	.14	0.00						0.00	3.01				.25	Xaç=	4.68	m
KÇ04	SolM	-3.02	-.68	-.38	-.24	-.55	-.34	-.34	0.00	-1.08	-1.29	1.17	.87	-.08	-.10	.34	.25
	SagM	-.85	-.17	-.07	-.08	-.09	-.12	-.10	0.00	2.25	2.35	-.07	.04	.20	.21	-.01	.01
	SolV	-.58	-.11						0.00	.38				.11	Maç=	5.31	(tm)
	SagV	-1.92	-.43						0.00	.38				.11	Xaç=	0.00	m
KÇ11	SolM	.74	.22	.12	.09	.16	.13	.14	0.00	1.35	1.20	-.05	-.23	.12	.11	-.01	-.05
	SagM	.59	.23	.08	.15	.12	.18	.15	0.00	1.59	1.40	.06	-.18	.14	.13	.02	-.04
	SolV	1.06	.30						0.00	1.05				.09	Maç=	1.11	(tm)
	SagV	-.16	0.00						0.00	1.05				.09	Xaç=	2.14	m
KÇ13	SolM	1.95	.41	.19	.20	.24	.27	.28	0.00	6.50	5.76	.32	-.64	.58	.52	.10	-.15
	SagM	.72	.18	.08	.09	.11	.11	.12	0.00	2.54	2.25	.08	-.30	.23	.20	.03	-.07
	SolV	1.52	.34						0.00	2.89				.26	Maç=	1.29	(tm)
	SagV	.26	.05						0.00	2.89				.26	Xaç=	3.12	m
KÇ15	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-2.26	-.40	-.21	-.19	-.23	-.37	-.20	0.00	1.93	1.78	-.09	-.29	.17	.16	-.02	-.07
	SolV	1.31	.09						0.00	0.00				0.00	Maç=	2.32	(tm)
	SagV	-2.39	-.35						0.00	0.00				0.00	Xaç=	1.66	m
KÇ18	SolM	1.33	.26	.15	.11	.13	.29	.10	0.00	2.05	1.89	-.10	-.31	.18	.17	-.02	-.08
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	1.41	.40						0.00	0.00				0.00	Maç=	1.02	(tm)
	SagV	-.77	-.21						0.00	0.00				0.00	Xaç=	1.84	m
KÇ20	SolM	-.62	-.22	-.14	-.08	-.17	-.14	-.13	0.00	1.09	1.16	1.51	1.60	.10	.10	.39	.41
	SagM	-2.97	-.55	-.32	-.23	-.34	-.42	-.34	0.00	1.24	1.31	1.73	1.82	.11	.12	.44	.47
	SolV	-.33	0.00						0.00	1.22				.31	Maç=	1.22	(tm)
	SagV	-2.33	-.58						0.00	1.22				.31	Xaç=	0.00	m
KÇ28	SolM	2.47	.22	.22	0.00	.22	.12	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	2.42	.19						0.00	0.00				0.00	Maç=	0.00	(tm)
	SagV	.93	.09						0.00	0.00				0.00	Xaç=	1.40	m
KÇ21	SolM	.98	.38	.13	.25	.15	.34	.27	0.00	.45	.11	-2.59	-3.04	.04	.01	-.64	-.76
	SagM	1.36	.59	.46	.11	.62	.40	.11	0.00	2.28	1.69	-1.29	-2.12	.19	.14	-.30	-.53
	SolV	2.71	.89						0.00	1.12				.28	Maç=	5.78	(tm)
	SagV	-1.69	-.48						0.00	1.12				.28	Xaç=	2.72	m
KÇ17	SolM	-2.94	-1.02	-.64	-.35	-.85	-.73	-.41	0.00	-2.40	-2.03	-.31	.23	-.20	-.17	-.10	.05
	SagM	-1.42	-.47	-.27	-.19	-.32	-.28	-.32	0.00	-.35	-.44	-.84	-.95	-.03	-.03	-.21	-.23
	SolV	-.04	-.06						0.00	.86				.10	Maç=	5.75	(tm)
	SagV	-2.75	-.89						0.00	.86				.10	Xaç=	0.00	m
KÇ22	SolM	14.37	4.00	1.25	2.70	1.58	3.23	3.08	0.00	-1.89	-3.23	-20.59	-22.19	-.13	-.25	-4.95	-5.32
	SagM	4.09	1.20	.54	.62	.72	.91	.68	0.00	.38	.07	2.15	1.76	.03	.01	.66	.56
	SolV	6.88	1.93						0.00	5.52				1.29	Maç=	7.65	(tm)
	SagV	2.29	.67						0.00	5.52				1.29	Xaç=	3.70	m
KÇ12	SolM	-3.01	-.88	-.37	-.47	-.50	-.70	-.47	0.00	-1.87	-1.50	-4.39	-3.89	-.15	-.12	-1.20	-1.06
	SagM	-.24	.02	.02	0.00	.03	.02	-.01	0.00	-.31	-.35	-2.67	-2.71	-.02	-.03	-.68	-.69
	SolV	.97	0.00						0.00	2.21				.59	Maç=	6.47	(tm)
	SagV	-2.68	-.53						0.00	2.21				.59	Xaç=	1.30	m
KÇ24	SolM	.82	.43	.17	.24	.26	.28	.30	0.00	-.17	-.18	-2.68	-2.70	-.01	-.01	-.68	-.69
	SagM	1.90	1.05	.56	.44	.85	.57	.57	0.00	-.96	-1.04	-.92	-1.04	-.08	-.08	-.25	-.29
	SolV	2.25	.89						0.00	1.17				.31	Maç=	4.16	(tm)
	SagV	-.71	-.03						0.00	1.17				.31	Xaç=	2.29	m
KÇ23	SolM	-1.72	-.97	-.52	-.40	-.81	-.55	-.48	0.00	.90	1.06	-1.25	-1.04	.07	.08	-.29	-.24
	SagM	.18	-.06	-.14	.08	-.16	.07	-.03	0.00	-.23	-.08	-4.68	-4.48	-.02	-.01	-1.23	-1.18
	SolV	.63	-.01						0.00	2.28				.59	Maç=	3.70	(tm)
	SagV	-1.63	-.71						0.00	2.28				.59	Xaç=	.72	m
KÇ16	SolM	-.98	-.22	0.00	-.21	-.04	-.21	-.17	0.00	.38	.32	3.07	2.97	.03	.03	.84	.81
	SagM	-5.62	-1.81	-.79	-.96	-1.14	-1.12	-1.23	0.00	1.31	1.77	-7.37	-6.86	.10	.14	-1.69	-1.58
	SolV	-2.75	-1.01						0.00	2.15				.42	Maç=	1.71	(tm)
	SagV	-3.90	-1.01						0.00	2.15				.42	Xaç=	0.00	m
KÇ25	SolM	.81	.21	.06	.14	.06	.20	.14	0.00	-.33	-.24	-1.35	-1.26	-.03	-.02	-.32	-.31
	SagM	.19	.23	.07	.12	.17	.25	-.04	0.00	-.57	-.67	-1.70	-1.89	-.04	-.05	-.40	-.46
	SolV	2.05	.68						0.00	.83				.20	Maç=	3.40	(tm)
	SagV	-1.72	-.52						0.00	.83				.20	Xaç=	2.15	m
KÇ26	SolM	1.29	.13	.09	.07	.02	-.11	.40	0.00	-.44	.25	-3.29	-2.36	-.05	.01	-.86	-.61
	SagM	-.40	-.19	-.16	-.04	-.17	-.04	-.17	0.00	-.50	-.16	-3.12	-2.68	-.05	-.02	-.79	-.68
	SolV	2.55	.66						0.00	1.59				.41	Maç=	3.92	(tm)
	SagV	-1.96	-.63						0.00	1.59				.41	Xaç=	2.13	m
KÇ27	SolM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SagM	-.98	-.32	-.25	-.07	-.32	-.26	-.07	0.00	1.35	1.31	-.15	-.21	.12	.11	-.04	-.05
	SolV	1.50	.42						0.00	0.00				0.00	Maç=	5.00	(tm)
	SagV	-3.02	-.90						0.00	0.00				0.00	Xaç=	2.21	m
KÇ29	SolM	-.58	-.16	-.10	-.06	-.12	-.08	-.12	0.00	1.24	1.09	-.12	-.33	.10	.09	-.04	-.10
	SagM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SolV	.93	.09						0.00	0.00				0.00	Maç=	.99	(tm)
	SagV	-.48	-.02						0.00	0.00				0.00	Xaç=	.17	m

FYRMA : EMKA YAPI MÜHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S601 N	.73	.17			Material:E1			0.00	.75	.78	.07	.10	.06	.06	.03	.02
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.02	0.00	.01	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	0.00	0.00	.01	0.00	0.00	0.00	0.00
Ust My	-.28	-.11	-.07	-.04	-.09	-.08	-.05	0.00	-.01	-.17	.60	.38	0.00	-.01	.16	.10
Alt My	-.23	-.09	-.03	-.05	-.07	-.05	-.06	0.00	-.01	-.15	.49	.28	0.00	-.01	.13	.08
S501 N	1.69	.37			Material:E1			0.00	2.11	2.22	.16	.31	.16	.17	.06	.07
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.02	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.02	0.00	.01	0.00	0.00	0.00	0.00
Ust My	-.17	-.07	-.02	-.04	-.04	-.03	-.06	0.00	0.00	-.13	.47	.28	0.00	-.01	.13	.08
Alt My	-.18	-.07	-.04	-.02	-.02	-.05	-.06	0.00	-.01	-.14	.46	.27	0.00	-.01	.13	.07
S401 N	2.60	.55			Material:E1			0.00	4.21	4.52	.14	.57	.32	.34	.04	.12
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.02	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.05	-.05	.01	.01	0.00	0.00	0.00	0.00
Ust My	-.16	-.06	-.04	-.02	-.03	-.06	-.04	0.00	0.00	-.14	.54	.34	0.00	-.01	.16	.10
Alt My	-.15	-.06	-.02	-.04	-.04	-.05	-.02	0.00	-.01	-.15	.54	.34	0.00	-.01	.15	.10
S301 N	4.28	.88			Material:E1			0.00	8.53	9.27	.26	1.28	.65	.71	.05	.28
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.02	-.01	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.08	-.08	0.00	.01	-.01	-.01	0.00	0.00
Ust My	-.25	-.10	-.03	-.07	-.10	-.06	-.04	0.00	-.01	-.28	1.05	.67	0.00	-.02	.32	.21
Alt My	-.26	-.10	-.06	-.03	-.09	-.04	-.07	0.00	-.02	-.29	1.11	.72	0.00	-.02	.33	.21
S201 N	5.37	1.07			Material:E1			0.00	12.69	13.85	.47	2.09	.98	1.07	.07	.48
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.01	-.01	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.10	-.10	.01	.01	-.01	-.01	0.00	0.00
Ust My	-.24	-.09	-.06	-.03	-.05	-.04	-.09	0.00	-.02	-.27	1.04	.67	0.00	-.02	.32	.22
Alt My	-.23	-.09	-.03	-.06	-.03	-.06	-.08	0.00	-.02	-.28	1.11	.73	0.00	-.02	.34	.23
S101 N	8.01	1.55			Material:E1			0.00	21.85	23.95	.69	3.66	1.71	1.88	.04	.86
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	0.00	-.02	.01	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.25	-.26	.05	.04	-.02	-.02	.02	.01
Ust My	-.22	-.09	-.02	-.07	-.03	-.09	-.05	0.00	-.04	-.32	1.19	.79	0.00	-.02	.38	.26
Alt My	-.18	-.08	-.05	-.03	-.05	-.08	-.02	0.00	-.03	-.33	1.31	.88	0.00	-.02	.41	.28
SA01 N	10.77	2.04			Material:E1			0.00	32.53	35.82	1.54	6.28	2.60	2.86	.18	1.55
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.06	.09	-.08	-.03	0.00	.01	-.02	-.01
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.39	-.41	.02	-.01	-.03	-.03	.01	0.00
Ust My	-.30	-.14	-.12	-.02	-.15	-.08	-.04	0.00	-.10	-.56	2.02	1.35	0.00	-.04	.65	.45
Alt My	-.35	-.14	-.05	-.08	-.13	-.05	-.08	0.00	-.07	-.56	2.32	1.60	0.00	-.04	.74	.52
SZ01 N	14.28	2.63			Material:E1			0.00	47.17	52.27	3.29	10.72	3.82	4.25	.56	2.77
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.21	.26	-.08	-.01	.01	.02	-.03	-.01
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.86	-.95	0.00	-.12	-.07	-.08	.01	-.03
Ust My	-.36	-.12	-.01	-.11	-.07	-.04	-.13	0.00	-.06	-.43	1.73	1.17	0.00	-.03	.57	.39
Alt My	-.31	-.11	-.06	-.05	-.04	-.08	-.11	0.00	-.02	-.46	2.38	1.72	.01	-.03	.76	.56
SB01 N	15.54	2.77			Material:E1			0.00	54.05	60.19	3.73	12.76	4.44	4.96	.62	3.36
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.59	.68	-.02	.11	.05	.05	-.01	.03
Alt Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.08	-1.23	.14	-.08	-.09	-.11	.05	-.02
Ust My	-.12	-.05	-.07	.02	.01	-.07	-.04	0.00	-.02	-.15	.44	.26	0.00	-.01	.16	.10
Alt My	-.08	-.03	-.04	.01	0.00	-.04	-.02	0.00	.07	-.18	1.77	1.39	.01	-.01	.58	.46
S602 N	5.68	2.64			Material:E1			0.00	2.30	2.72	-1.77	-1.17	.18	.21	-.47	-.30
Ust Mx	-.03	-.07	-.03	-.04	-.05	-.05	-.04	0.00	-.59	-.54	-.07	0.00	-.05	-.04	-.02	0.00
Alt Mx	-.02	-.07	-.03	-.03	-.05	-.05	-.04	0.00	-.55	-.51	-.06	0.00	-.05	-.04	-.02	0.00
Ust My	-.44	-.13	-.02	-.09	-.01	-.11	-.11	0.00	-.15	-.54	2.06	1.49	-.01	-.04	.55	.39
Alt My	-.44	-.12	-.07	-.04	-.04	-.14	-.06	0.00	-.14	-.54	2.06	1.49	-.01	-.04	.55	.40
S502 N	12.93	5.03			Material:E1			0.00	5.26	6.18	-4.50	-3.17	.41	.49	-1.20	-.83
Ust Mx	-.03	-.13	-.06	-.06	-.08	-.08	-.07	0.00	-1.00	-.92	-.12	0.00	-.08	-.07	-.04	0.00
Alt Mx	-.05	-.13	-.06	-.06	-.08	-.08	-.08	0.00	-1.00	-.92	-.11	.01	-.08	-.07	-.03	0.00
Ust My	-.52	-.15	-.09	-.05	-.12	-.12	-.03	0.00	-.16	-.66	2.74	2.03	-.01	-.05	.75	.55
Alt My	-.51	-.14	-.03	-.10	-.15	-.06	-.06	0.00	-.16	-.66	2.74	2.03	-.01	-.05	.75	.56
S402 N	20.67	7.66			Material:E1			0.00	8.56	10.00	-7.48	-5.42	.67	.79	-2.03	-1.46
Ust Mx	-.04	-.11	-.05	-.05	-.06	-.08	-.06	0.00	-.97	-.90	-.10	.01	-.08	-.07	-.03	0.00
Alt Mx	0.00	-.09	-.04	-.04	-.04	-.07	-.05	0.00	-.96	-.89	-.08	.01	-.08	-.07	-.03	0.00
Ust My	-.41	-.11	-.01	-.09	-.09	0.00	-.11	0.00	-.14	-.61	2.71	2.04	-.01	-.04	.77	.58
Alt My	-.35	-.09	-.06	-.02	-.03	-.02	-.12	0.00	-.13	-.59	2.62	1.97	-.01	-.04	.74	.56
S302 N	28.94	10.45			Material:E1			0.00	12.70	14.74	-11.11	-8.19	1.00	1.16	-3.07	-2.26
Ust Mx	.15	-.10	-.04	-.05	-.06	-.08	-.04	0.00	-2.00	-1.86	-.18	.03	-.16	-.15	-.06	0.00
Alt Mx	.20	-.05	-.02	-.03	-.05	-.03	-.01	0.00	-1.80	-1.68	-.13	.03	-.15	-.14	-.05	0.00
Ust My	-1.00	-.25	-.22	0.00	.09	-.26	-.28	0.00	-.42	-1.95	9.11	6.91	-.01	-.14	2.65	2.02
Alt My	-.95	-.24	-.01	-.21	0.00	-.35	-.09	0.00	-.38	-1.83	8.63	6.55	-.01	-.13	2.51	1.92
S202 N	37.65	13.37			Material:E1			0.00	17.67	20.28	-14.91	-11.16	1.40	1.61	-4.21	-3.15
Ust Mx	.30	-.07	-.02	-.04	-.09	.01	-.03	0.00	-2.80	-2.62	-.23	.02	-.23	-.22	-.08	-.01
Alt Mx	.05	-.14	-.06	-.06	-.09	-.04	-.12	0.00	-2.87	-2.72	-.17	.05	-.23	-.22	-.06	0.00
Ust My	-1.03	-.29	.02	-.29	-.30	-.31	.08	0.00	-.42	-2.01	9.72	7.43	-.01	-.14	2.94	2.26
Alt My	-.96	-.26	-.23	-.02	-.40	-.07	-.02	0.00	-.39	-1.96	9.64	7.37	-.01	-.14	2.90	2.24
S102 N	46.90	16.52			Material:E1			0.00	23.00	26.15	-18.59	-14.06	1.83	2.08	-5.34	-4.05
Ust Mx	.07	-.15	-.07	-.07	-.04	-.09	-.15	0.00	-2.59	-2.45	-.20	0.00	-.22	-.21	-.07	-.01
Alt Mx	.43	0.00	.01	0.00	.06	-.04	0.00	0.00	-2.91	-2.79	-.10	.08	-.24	-.23	-.04	.01
Ust My	-.82	-.23	-.27	.06	-.28	.14	-.28	0.00	-.39	-1.86	9.34	7.20	-.01	-.13	2.90	2.26
Alt My	-.75	-.20	.01	-.19	-.03	.03	-.37	0.00	-.32	-1.80	9.40	7.25	-.01	-.13	2.91	2.27
SA02 N	55.85	19.71			Material:E1			0.00	28.13	31.73	-21.80	-16.60	2.25	2.54	-6.35	-4.86
Ust Mx	.64	.07	.05	.02	.10	-.06	.12	0.00	-2.48	-2.35	-.19	0.00	-.21	-.20	-.07	-.01
Alt Mx	-.31	-.17	-.08	-.09	-.12	-.14	-.06	0.00	-3.65	-3.54	-.03	.13	-.30	-.30	-.02	.03
Ust My	-.49	-.13	.24	-.35	.29	-.18	-.33	0.00	-.42	-2.01	10.91	8.57	-.01	-.15	3.43	2.72
Alt My	-.19	-.03	.02	-.03	.19	-.18	-.04	0.00	-.32	-1.88	10.70	8.41	0.00	-.14	3.35	2.66
SZ02 N	62.86	20.91			Material:E1			0.00	32.39	36.28	-24.02	-18.39	2.61	2.92	-7.06	-5.43
Ust Mx	-.46	-.16	-.08	-.07	-.14	-.06	-.11	0.00	-1.07	-.99	-.13	-.02	-.10	-.09	-.04	-.01
Alt Mx	.54	.20	.10	.10	.13	.18	.10	0.00	-4.07	-3.99	.03	.15	-.35	-.34	0.00	.04
Ust My	.18	.08	-.16	.25	-.07	-.07	.31	0.00	-.28	-1.74	10.59	8.44	0.00	-.13	3.38	2.72
Alt My	-.07	-.01	.05	-.05	-.19	.08	.11	0.00	-.12	-1.67	11.55	9.25	.01	-.12	3.67	2.96
SB02 N	70.45	22.33			Material:E1			0.00	35.37	39.41	-25.31	-19.47	2.86	3.19	-7.48	-5.78
Ust Mx	1.64	.56	.28	.28	.41	.41	.30	0.00	.74	.78	-.16	-.10	.05	.06	-.05	-.03
Alt Mx	.70	.25	.13	.12	.18	.18	.14	0.00	-5.94	-5.88	.11	.19	-.52	-.52	.02	.05
Ust My	-.19	-.06	.24	-.30	-.23	.21	-.08	0.00	-.08	-.60	3.87	3.10	0.00	-.04	1.28	1.03
Alt My	-.17	-.05	.11	-.15	-.12	.09	-.06	0.00	.23	-.65	7.16	5.84	.03	-.04	2.32	1.90
S603 N	3.60	1.29			Material:E1			0.00	.61	.70	-.89	-.76	.05	.06	-.24	-.20
Ust Mx	-.07	-.08	-.03	-.04	-.04	-.06	-.04	0.00	-1.10	-.95	-.03	.18	-.09	-.08	-.02	.04
Alt Mx	-.05	-.08	-.03	-.05	-.04	-.06	-.04	0.00	-1.07	-.93	-.03	.18	-.09	-.08	-.02	.04
Ust My	.22	.19	.08	.11	.09	.17	.13	0.00	.14	-.19	1.70	1.23	.02	-.01	.46	.33
Alt My	.21	.19	.12	.06	.11	.17	.08	0.00	.13	-.18	1.65	1.19	.01	-.01	.44	.32
S503 N	8.71	2.54			Material:E1			0.00	1.82	2.00	-2.30	-2.04	.15	.16	-.61	-.54
Ust Mx	-.05	-.08	-.03	-.05	-.04	-.06	-.05	0.00	-1.07	-.92	-.05	.16	-.09	-.08	-.02	.04
Alt Mx	-.06	-.08	-.03	-.04	-.04	-.06	-.05	0.00	-1.07	-.92	-.05	.16	-.09	-.08	-.03	.04
Ust My	.20	.17	.11	.06	.15	.12	.06	0.00	.15	-.16	1.71	1.26	.02	-.01	.47	.35
Alt My	.19	.16	.06	.10	.16	.08	.09	0.00	.15	-.16	1.70	1.25	.02	-.01	.47	.34
S403 N	13.52	3.69			Material:E1			0.00	3.14	3.38	-3.76	-3.41	.25	.27	-1.00	-.90
Ust Mx	-.06	-.07	-.03	-.04	-.04	-.05	-.04	0.00	-1.08	-.93	-.07	.16	-.09	-.08	-.03	.03
Alt Mx	-.05	-.07	-.03	-.03	-.03	-.05	-.04	0.00	-1.09	-.93	-.07	.15	-.09	-.08	-.03	.03
Ust My	.14	.14	.05	.09	.10	.05	.12	0.00	.18	-.13	1.78	1.34	.02	-.01	.50	.38
Alt My	.11	.12	.08	.04	.06	.07	.12	0.00	.18	-.12	1.79	1.35	.02	-.01	.51	.38
S303 N	17.67	4.60			Material:E1			0.00	5.34	5.60	-5.87	-5.50	.43	.45	-1.58	-1.48
Ust Mx	-.09	-.11	-.04	-.06	-.06	-.08	-.06	0.00	-1.99	-1.70	-.14	.28	-.16	-.14	-.06	.06
Alt Mx	-.09	-.10	-.04	-.05	-.06	-.07	-.05	0.00	-1.95	-1.67	-.13	.27	-.16	-.14	-.06	.06
Ust My	.10	.12	.09	.03	.04	.12	.09	0.00	.25	-.13	2.23	1.69	.02	-.01	.65	.50
Alt My	.09	.12	.04	.08	.07	.13	.04	0.00	.24	-.13	2.26	1.72	.02	-.01	.66	.50
S203 N	21.52	5.42			Material:E1			0.00	8.64	8.90	-8.90	-8.52	.70	.72	-2.44	-2.33
Ust Mx	-.18	-.15	-.06	-.08	-.09	-.10	-.09	0.00	-2.89	-2.47	-.22	.39	-.24	-.21	-.10	.08
Alt Mx	-.19	-.14	-.06	-.07	-.09	-.09	-.09	0.00	-2.85	-2.44	-.22	.38	-.24	-.20	-.10	.08
Ust My	.12	.13	.04	.09	.13	.10	.03	0.00	.28	-.14	2.59	1.98	.03	-.01	.78	.60
Alt My	.12	.13	.09	.03	.14	.05	.06	0.00	.28	-.15	2.60	1.99	.03	-.01	.78	.60

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SA03 N	30.00	7.18			Material:E1			0.00	15.95	16.15	-15.70	-15.40	1.30	1.32	-4.45	-4.36
Ust Mx	-.12	-.12	-.04	-.07	-.06	-.09	-.07	0.00	-3.06	-2.60	-.15	.52	-.26	-.22	-.08	.12
Alt Mx	-.12	-.11	-.04	-.06	-.06	-.08	-.06	0.00	-3.09	-2.64	-.14	.53	-.27	-.23	-.08	.13
Ust My	.07	.14	-.01	.15	-.02	.16	.13	0.00	.39	-.21	4.13	3.25	.04	-.01	1.30	1.03
Alt My	0.00	.09	.05	.04	.02	.13	.03	0.00	.35	-.23	3.99	3.14	.04	-.01	1.25	.99
SZ03 N	34.24	7.85			Material:E1			0.00	19.83	20.06	-20.19	-19.86	1.63	1.65	-5.82	-5.72
Ust Mx	.04	-.07	-.02	-.03	-.04	-.04	-.04	0.00	-2.43	-2.06	-.10	.45	-.21	-.18	-.06	.11
Alt Mx	.17	-.03	-.01	-.02	-.02	-.01	-.02	0.00	-2.56	-2.18	-.08	.48	-.22	-.19	-.05	.12
Ust My	.10	.09	.13	-.04	.14	.08	-.04	0.00	.38	-.21	4.38	3.49	.04	-.01	1.39	1.12
Alt My	.24	.11	.05	.07	.15	.02	.05	0.00	.36	-.27	4.64	3.71	.04	-.01	1.47	1.19
SB03 N	38.46	8.50			Material:E1			0.00	22.36	22.63	-23.48	-23.10	1.85	1.87	-6.84	-6.73
Ust Mx	.33	.02	.02	0.00	.01	.02	0.00	0.00	-1.15	-.96	-.14	.14	-.10	-.09	-.06	.03
Alt Mx	.16	.01	.01	0.00	0.00	.01	0.00	0.00	-1.62	-1.38	-.12	.24	-.15	-.12	-.05	.06
Ust My	.32	.11	-.04	.15	.12	-.03	.13	0.00	.16	-.06	1.70	1.36	.02	0.00	.56	.45
Alt My	.12	.05	-.02	.07	.05	-.02	.06	0.00	.17	-.16	2.63	2.14	.02	-.01	.85	.70
SÇ04 N	4.31	1.14			Material:E1			0.00	.62	.58	1.16	1.13	.06	.05	.30	.29
Ust Mx	.49	.10	.04	.05	.05	.07	.06	0.00	-1.33	-1.45	.11	-.04	-.12	-.13	.02	-.01
Alt Mx	.36	.06	.02	.03	.03	.05	.04	0.00	-1.11	-1.20	.11	.01	-.10	-.11	.02	0.00
Ust My	-.58	-.20	-.09	-.10	-.11	-.15	-.12	0.00	.29	.16	1.43	1.28	.03	.01	.35	.32
Alt My	-.52	-.18	-.11	-.06	-.12	-.15	-.08	0.00	.20	.10	1.10	1.00	.02	.01	.27	.25
S604 N	1.18	.22			Material:E1			0.00	-.30	-.35	.57	.51	-.02	-.03	.14	.13
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.02	0.00	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.01	0.00	.01	0.00	0.00	0.00	0.00
Ust My	-.21	-.08	-.05	-.02	-.07	-.06	-.03	0.00	.02	.01	.49	.48	0.00	0.00	.12	.12
Alt My	-.16	-.06	-.02	-.04	-.05	-.03	-.04	0.00	.01	.02	.39	.40	0.00	0.00	.10	.10
S504 N	3.23	.54			Material:E1			0.00	-1.75	-2.03	1.97	1.60	-.13	-.15	.49	.43
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.08	-.06	-.01	.01	-.01	-.01	0.00	0.00
Alt Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.09	-.07	0.00	.02	-.01	-.01	0.00	.01
Ust My	-.29	-.11	-.02	-.08	-.06	-.04	-.11	0.00	.04	.08	.90	.96	0.00	.01	.24	.25
Alt My	-.31	-.11	-.07	-.03	-.04	-.08	-.10	0.00	.03	.07	.88	.93	0.00	0.00	.22	.24
S404 N	4.66	.75			Material:E1			0.00	-4.12	-4.76	3.34	2.44	-.30	-.35	.87	.68
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.08	-.06	-.01	.01	-.01	0.00	0.00	0.00
Alt Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.13	-.12	.01	.03	-.01	-.01	0.00	.01
Ust My	-.28	-.11	-.08	-.03	-.04	-.11	-.06	0.00	.05	.08	1.04	1.08	0.00	.01	.28	.30
Alt My	-.25	-.10	-.03	-.07	-.07	-.09	-.03	0.00	.05	.07	1.05	1.08	0.00	.01	.28	.29
S304 N	7.10	1.12			Material:E1			0.00	-8.67	-10.04	5.66	3.75	-.64	-.75	1.55	1.09
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.08	-.05	-.03	.01	-.01	0.00	-.01	0.00
Alt Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.21	-.20	.01	.03	-.02	-.02	0.00	.01
Ust My	-.36	-.16	-.03	-.12	-.16	-.09	-.05	0.00	.11	.15	1.80	1.86	.01	.01	.51	.53
Alt My	-.39	-.15	-.10	-.04	-.14	-.05	-.10	0.00	.10	.12	1.91	1.94	.01	.01	.53	.54
S204 N	10.29	1.61			Material:E1			0.00	-15.72	-18.18	8.89	5.45	-1.18	-1.37	2.55	1.65
Ust Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.10	-.05	-.05	.02	-.01	-.01	-.01	0.00
Alt Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.45	-.44	.03	.04	-.04	-.03	.01	.01
Ust My	-.44	-.17	-.13	-.04	-.10	-.06	-.17	0.00	.14	.17	2.11	2.15	.01	.01	.62	.63
Alt My	-.42	-.16	-.04	-.11	-.05	-.11	-.15	0.00	.14	.14	2.29	2.29	.01	.01	.66	.66
S104 N	15.95	2.49			Material:E1			0.00	-28.75	-33.23	14.82	8.48	-2.22	-2.57	4.41	2.65
Ust Mx	.01	0.00	0.00	0.00	-.01	0.00	0.00	0.00	-.15	-.06	-.08	.04	-.02	-.01	-.02	.01
Alt Mx	.01	.01	0.00	0.00	0.00	0.00	.01	0.00	-1.29	-1.32	.22	.18	-.11	-.11	.07	.06
Ust My	-.44	-.18	-.03	-.15	-.05	-.20	-.10	0.00	.18	.20	2.57	2.60	.01	.02	.78	.79
Alt My	-.41	-.17	-.12	-.04	-.11	-.17	-.04	0.00	.16	.13	2.84	2.80	.01	.01	.85	.84
SA04 N	20.33	3.18			Material:E1			0.00	-40.71	-47.15	18.96	9.71	-3.21	-3.73	5.80	3.13
Ust Mx	.01	-.01	0.00	0.00	-.01	0.00	-.01	0.00	.23	.39	-.42	-.21	.01	.02	-.13	-.08
Alt Mx	0.00	.01	0.00	0.00	0.00	.01	0.00	0.00	-2.25	-2.38	.12	-.06	-.18	-.19	.05	-.01
Ust My	-.47	-.19	-.15	-.03	-.21	-.11	-.06	0.00	.17	.24	2.62	2.73	.01	.02	.80	.83
Alt My	-.54	-.20	-.05	-.15	-.20	-.05	-.15	0.00	.15	.15	3.14	3.14	.01	.01	.95	.95
SZ04 N	25.69	4.09			Material:E1			0.00	-55.50	-64.49	22.59	9.52	-4.47	-5.21	7.07	3.20
Ust Mx	.02	-.01	-.01	0.00	0.00	-.02	0.00	0.00	.86	1.07	-.36	-.06	.06	.07	-.12	-.04
Alt Mx	-.03	0.00	0.00	0.00	0.00	0.00	.01	0.00	-3.89	-4.29	.02	-.57	-.33	-.36	.03	-.15
Ust My	-.40	-.18	0.00	-.17	-.12	-.03	-.20	0.00	.14	.21	2.07	2.17	.01	.02	.64	.67
Alt My	-.23	-.14	-.08	-.06	-.04	-.09	-.15	0.00	.12	.08	3.05	3.00	.01	.01	.94	.92
SB04 N	31.89	5.03			Material:E1			0.00	-72.34	-84.26	27.37	9.90	-5.92	-6.92	8.71	3.44
Ust Mx	.03	-.01	0.00	0.00	-.01	-.01	0.00	0.00	3.00	3.47	-.13	.56	.24	.28	-.07	.14
Alt Mx	-.03	0.00	0.00	0.00	0.00	0.00	.01	0.00	-5.58	-6.34	.71	-.43	-.48	-.55	.27	-.09
Ust My	.03	-.08	-.16	.08	.06	-.15	-.07	0.00	.09	.16	.70	.80	.01	.01	.23	.26
Alt My	-.04	-.05	-.08	.03	.02	-.08	-.05	0.00	.13	-.09	3.81	3.49	.01	0.00	1.22	1.12
SÇ05 N	4.98	1.27			Material:E1			0.00	-.01	-.26	.78	.42	0.00	-.02	.22	.12
Ust Mx	.25	.05	.02	.03	.02	.03	.05	0.00	-1.69	-1.63	-.01	.07	-.15	-.14	-.01	.02
Alt Mx	-.06	-.07	-.03	-.04	-.05	-.05	-.03	0.00	-2.07	-1.92	-.01	.21	-.19	-.18	-.01	.05
Ust My	-.95	-.19	-.08	-.11	-.11	-.06	-.20	0.00	1.01	.43	4.99	4.25	.09	.04	1.26	1.07
Alt My	-.99	-.20	.03	-.22	-.01	-.08	-.28	0.00	.99	.41	4.90	4.17	.09	.04	1.23	1.05
S605 N	15.11	3.99			Material:E1			0.00	-1.48	-1.67	-1.20	-1.47	-.11	-.13	-.29	-.36
Ust Mx	-.63	-.20	-.08	-.11	-.10	-.16	-.12	0.00	-1.37	-1.15	-.20	.11	-.11	-.09	-.07	.02
Alt Mx	-.61	-.18	-.08	-.09	-.09	-.14	-.11	0.00	-1.24	-1.05	-.17	.10	-.10	-.09	-.06	.02
Ust My	-.99	-.15	.05	-.18	.12	-.17	-.21	0.00	.99	.38	6.48	5.59	.09	.04	1.69	1.45
Alt My	-.98	-.15	-.14	.01	.03	-.26	-.04	0.00	.96	.34	6.39	5.50	.09	.04	1.66	1.42
S505 N	25.68	6.49			Material:E1			0.00	-3.51	-3.54	-3.63	-3.66	-.28	-.28	-.93	-.94
Ust Mx	-1.42	-.39	-.18	-.18	-.21	-.30	-.22	0.00	-3.36	-2.92	-.37	.25	-.28	-.24	-.13	.04
Alt Mx	-.98	-.27	-.12	-.14	-.16	-.20	-.15	0.00	-3.04	-2.65	-.31	.25	-.25	-.22	-.11	.04
Ust My	-1.35	-.22	-.24	.04	-.24	-.27	.11	0.00	1.42	.48	10.07	8.72	.13	.05	2.70	2.33
Alt My	-1.26	-.20	.04	-.22	-.34	-.03	.01	0.00	1.37	.45	9.85	8.54	.12	.05	2.64	2.27
S405 N	36.59	9.05			Material:E1			0.00	-5.87	-5.82	-5.59	-5.51	-.47	-.46	-1.46	-1.44
Ust Mx	-.72	-.20	-.08	-.11	-.14	-.11	-.11	0.00	-2.40	-2.12	-.25	.16	-.20	-.17	-.09	.03
Alt Mx	-.93	-.24	-.11	-.12	-.17	-.13	-.16	0.00	-2.30	-2.06	-.18	.17	-.19	-.17	-.07	.03
Ust My	-1.12	-.16	.07	-.22	-.22	.15	-.23	0.00	1.37	.49	10.12	8.86	.12	.05	2.80	2.45
Alt My	-1.08	-.15	-.17	.03	-.01	.05	-.33	0.00	1.33	.45	10.09	8.84	.12	.05	2.79	2.44
S305 N	47.73	11.64			Material:E1			0.00	-9.06	-8.91	-7.76	-7.54	-.72	-.71	-2.06	-2.00
Ust Mx	-2.12	-.54	-.26	-.26	-.33	-.31	-.39	0.00	-3.40	-3.06	-.31	.17	-.28	-.25	-.11	.03
Alt Mx	-1.63	-.41	-.20	-.20	-.21	-.28	-.31	0.00	-3.42	-3.16	-.14	.22	-.27	-.25	-.06	.04
Ust My	-1.03	-.13	-.24	.12	.22	-.20	-.26	0.00	1.63	.62	12.03	10.59	.14	.06	3.44	3.03
Alt My	-.75	-.07	.08	-.15	.14	-.28	.02	0.00	1.44	.50	11.16	9.82	.13	.05	3.17	2.79
S205 N	59.94	14.41			Material:E1			0.00	-13.09	-12.83	-9.73	-9.36	-1.05	-1.03	-2.64	-2.53
Ust Mx	-1.64	-.46	-.21	-.23	-.16	-.42	-.30	0.00	-3.34	-3.03	-.39	.06	-.28	-.26	-.13	0.00
Alt Mx	-.75	-.20	-.08	-.10	-.10	-.22	-.04	0.00	-5.49	-5.17	-.11	.35	-.44	-.41	-.06	.08
Ust My	-.88	-.07	.29	-.34	-.20	-.30	.41	0.00	2.29	.88	17.17	15.14	.21	.09	5.09	4.50
Alt My	-1.03	-.11	-.24	.15	-.44	.07	.18	0.00	2.05	.68	16.60	14.63	.19	.07	4.89	4.31
S105 N	72.30	17.20			Material:E1			0.00	-17.62	-17.24	-11.66	-11.11	-1.43	-1.40	-3.22	-3.06
Ust Mx	-.57	-.15	-.07	-.07	-.19	-.10	.01	0.00	-2.05	-1.85	-.36	-.07	-.19	-.17	-.12	-.03
Alt Mx	-1.19	-.26	-.13	-.12	-.24	-.10	-.15	0.00	-6.57	-6.37	.09	.38	-.53	-.52	.01	.09
Ust My	-.72	-.06	-.32	.27	-.29	.41	-.23	0.00	1.67	.60	13.59	12.04	.15	.06	4.17	3.71
Alt My	-.36	.02	.18	-.15	.10	.30	-.35	0.00	1.45	.33	13.56	11.94	.14	.04	4.12	3.63
SA05 N	84.88	20.04			Material:E1			0.00	-21.88	-21.44	-12.96	-12.31	-1.78	-1.75	-3.62	-3.43
Ust Mx	-1.31	-.29	-.14	-.15	-.19	-.06	-.32	0.00	.32	.45	-.43	-.24	0.00	.01	-.13	-.07
Alt Mx	.98	.30	.16	.15	.33	.20	.09	0.00	-8.72	-8.54	.26	.52	-.71	-.69	.05	.13
Ust My	.19	.19	.55	-.35	.75	-.11	-.23	0.00	1.89	.75	17.03	15.35	.17	.08	5.28	4.77
Alt My	-.08	.14	-.26	.42	.45	-.50	.37	0.00	1.59	.28	17.91	16.00	.15	.04	5.51	4.93
SZ05 N	98.19	23.62			Material:E1			0.00	-25.46	-24.98	-13.87	-13.17	-2.09	-2.05	-3.90	-3.70
Ust Mx	.84	.25	.13	.13	.30	.04	.17	0.00	3.35	3.38	-.43	-.38	.25	.25	-.12	-.11
Alt Mx	-1.65	-.25	-.12	-.12	-.18	-.25	-.06	0.00	-13.17	-13.03	.40	.61	-1.11	-1.10	.10	.16
Ust My	-.09	.11	-.46	.57	-.11	-.32	.65	0.00	1.14	.54	10.29	9.39	.11	.05	3.27	2.98
Alt My	-.12	.05	.15	-.09	-.34	.19	.27	0.00	1.00	.05	14.60	13.20	.10	.02	4.56	4.13
SB05 N	109.27	26.46			Material:E1			0.00	-28.09	-27.56	-14.56	-13.80	-2.32	-2.28	-4.13	-3.90
Ust Mx	-3.44	-.71	-.36	-.35	-.59	-.54	-.29	0.00	9.45	9.45	-.54	-.54	.78	.78	-.15	-.15
Alt Mx	-1.27	-.24	-.10	-.13	-.22	-.19	-.06	0.00	-24.43	-24.22	.57	.89	-2.15	-2.13	.14	.24
Ust My	.06	.06	.63	-.57	-.40	.59	-.06	0.00	.62	.35	3.61	3.21	.06	.03	1.21	1.08
Alt My	-.13	-.02	.28	-.30	-.22	.26	-.07	0.00	.58	-.37	12.59	11.17	.07	-.02	4.05	3.60

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON STATYK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S606 N	7.68	1.78		Material:E1				0.00	5.02	4.90	-3.33	-3.49	.44	.43	-.84	-.88
Ust Mx	-.32	-.09	-.03	-.05	-.04	-.06	-.06	0.00	-1.17	-.96	-.12	.18	-.10	-.08	-.04	.04
Alt Mx	-.32	-.08	-.04	-.04	-.04	-.06	-.05	0.00	-1.13	-.93	-.11	.17	-.09	-.08	-.04	.04
Ust My	.42	.17	.05	.12	.05	.16	.13	0.00	.26	0.00	2.10	1.73	.02	0.00	.55	.45
Alt My	.36	.16	.11	.05	.08	.17	.06	0.00	.24	0.00	1.98	1.63	.02	0.00	.52	.42
S506 N	15.67	3.16		Material:E1				0.00	6.57	6.59	-6.66	-6.61	.55	.55	-1.71	-1.70
Ust Mx	-1.14	-.26	-.12	-.13	-.15	-.20	-.15	0.00	-4.20	-3.49	-.39	.64	-.35	-.29	-.15	.13
Alt Mx	-1.01	-.23	-.09	-.13	-.14	-.16	-.13	0.00	-4.08	-3.39	-.36	.63	-.34	-.28	-.15	.13
Ust My	.72	.33	.25	.07	.32	.26	.06	0.00	.56	-.02	5.07	4.24	.05	.01	1.37	1.14
Alt My	.69	.31	.09	.21	.34	.11	.16	0.00	.51	-.05	4.84	4.04	.05	0.00	1.30	1.08
S406 N	23.63	4.51		Material:E1				0.00	8.70	8.90	-11.18	-10.89	.72	.73	-2.93	-2.85
Ust Mx	-.85	-.19	-.07	-.11	-.13	-.11	-.12	0.00	-3.52	-2.93	-.31	.54	-.29	-.24	-.13	.11
Alt Mx	-.84	-.18	-.08	-.09	-.12	-.11	-.12	0.00	-3.25	-2.71	-.27	.51	-.27	-.22	-.11	.11
Ust My	.62	.26	.05	.21	.21	.04	.27	0.00	.46	-.05	4.74	4.02	.04	0.00	1.32	1.12
Alt My	.58	.25	.18	.06	.08	.12	.28	0.00	.40	-.09	4.57	3.87	.04	0.00	1.26	1.06
S306 N	32.45	5.99		Material:E1				0.00	10.99	11.41	-16.59	-15.99	.90	.93	-4.44	-4.27
Ust Mx	-2.67	-.59	-.28	-.28	-.32	-.37	-.42	0.00	-10.91	-9.11	-.79	1.79	-.90	-.76	-.35	.39
Alt Mx	-1.82	-.43	-.17	-.23	-.21	-.31	-.28	0.00	-10.26	-8.60	-.69	1.69	-.85	-.71	-.32	.37
Ust My	.78	.33	.29	.03	.03	.36	.27	0.00	.63	-.11	7.04	5.98	.06	0.00	2.03	1.73
Alt My	.65	.29	.06	.22	.14	.36	.07	0.00	.59	-.15	7.08	6.02	.06	0.00	2.02	1.72
S206 N	40.97	7.41		Material:E1				0.00	12.63	13.45	-23.46	-22.28	1.03	1.09	-6.43	-6.09
Ust Mx	-1.01	-.25	-.09	-.15	-.12	-.23	-.12	0.00	-7.94	-6.64	-.53	1.34	-.67	-.56	-.26	.29
Alt Mx	-1.11	-.25	-.11	-.12	-.16	-.21	-.11	0.00	-8.41	-7.08	-.49	1.43	-.70	-.59	-.24	.32
Ust My	.59	.25	.02	.23	.30	.20	0.00	0.00	.55	-.10	6.51	5.57	.05	0.00	1.95	1.67
Alt My	.63	.25	.21	.04	.32	.06	.12	0.00	.51	-.16	6.74	5.77	.05	0.00	1.99	1.71
S106 N	49.87	8.83		Material:E1				0.00	14.03	15.31	-30.74	-28.90	1.14	1.24	-8.60	-8.07
Ust Mx	-1.90	-.38	-.20	-.16	-.29	-.24	-.19	0.00	-9.73	-8.15	-.63	1.67	-.83	-.70	-.32	.38
Alt Mx	-1.69	-.32	-.15	-.15	-.24	-.17	-.20	0.00	-9.78	-8.28	-.67	1.50	-.82	-.70	-.32	.33
Ust My	.74	.27	.26	.01	.22	-.01	.32	0.00	.51	-.15	6.89	5.92	.05	0.00	2.12	1.83
Alt My	.62	.23	.05	.18	.05	.10	.31	0.00	.45	-.23	6.95	5.98	.05	-.01	2.12	1.83
SA06 N	58.89	10.22		Material:E1				0.00	14.30	16.15	-38.38	-35.72	1.15	1.30	-10.94	-10.17
Ust Mx	-2.06	-.38	-.14	-.22	-.22	-.17	-.34	0.00	-9.72	-8.08	-.02	2.40	-.85	-.71	-.14	.60
Alt Mx	-.82	-.15	-.05	-.09	-.02	-.10	-.16	0.00	-13.10	-11.14	-.23	2.64	-1.11	-.95	-.23	.63
Ust My	.84	.27	-.01	.28	-.02	.35	.22	0.00	.46	-.13	7.22	6.34	.05	0.00	2.24	1.98
Alt My	.85	.26	.23	.03	.14	.36	.01	0.00	.40	-.25	7.70	6.75	.04	-.01	2.38	2.09
SZ06 N	68.36	11.68		Material:E1				0.00	14.10	16.49	-45.48	-42.01	1.13	1.32	-13.15	-12.13
Ust Mx	-.20	-.04	-.02	-.01	.06	-.11	0.00	0.00	-5.24	-4.26	.01	1.48	-.48	-.39	-.07	.40
Alt Mx	-.87	-.11	-.04	-.05	-.07	-.14	.01	0.00	-13.43	-11.47	.24	3.14	-1.17	-1.00	-.08	.81
Ust My	.90	.28	.31	-.03	.34	.23	-.02	0.00	.32	-.07	5.22	4.64	.03	0.00	1.65	1.47
Alt My	.78	.27	.09	.18	.32	.06	.15	0.00	.28	-.21	6.57	5.85	.03	-.01	2.06	1.83
SB06 N	77.01	13.08		Material:E1				0.00	13.67	16.44	-50.09	-46.04	1.08	1.31	-14.61	-13.41
Ust Mx	-1.31	-.18	-.08	-.10	-.18	-.15	-.01	0.00	2.22	2.09	-.61	-.80	.17	.16	-.18	-.22
Alt Mx	-.49	-.07	-.02	-.05	-.08	-.06	.02	0.00	-15.52	-13.31	-1.05	2.25	-1.40	-1.20	-.49	.55
Ust My	.52	.20	-.10	.31	.23	-.08	.27	0.00	.16	0.00	1.84	1.60	.02	0.00	.61	.53
Alt My	.19	.08	-.06	.14	.10	-.05	.12	0.00	.18	-.20	4.86	4.30	.02	-.01	1.57	1.39
SÇ07 N	1.80	.78		Material:E1				0.00	2.70	3.05	.01	.51	.22	.25	-.03	.11
Ust Mx	.24	.06	.02	.04	.04	.03	.04	0.00	-2.27	-2.52	.34	.01	-.19	-.21	.09	.01
Alt Mx	.34	.09	.03	.06	.07	.04	.06	0.00	-2.28	-2.53	.33	0.00	-.19	-.21	.09	.01
Ust My	-.50	-.23	-.10	-.12	-.14	-.15	-.15	0.00	.21	.15	1.67	1.61	.02	.01	.42	.41
Alt My	-.48	-.21	-.11	-.10	-.14	-.14	-.13	0.00	.20	.15	1.57	1.52	.02	.01	.40	.39
S607 N	5.43	1.38		Material:E1				0.00	.63	.62	.95	.94	.06	.06	.22	.22
Ust Mx	.39	.12	.05	.07	.09	.06	.09	0.00	-1.50	-1.69	.18	-.10	-.12	-.13	.06	-.02
Alt Mx	.39	.12	.06	.06	.07	.07	.09	0.00	-1.48	-1.68	.18	-.10	-.12	-.13	.06	-.02
Ust My	-.31	-.14	-.07	-.06	-.10	-.08	-.08	0.00	.14	.12	1.18	1.15	.01	.01	.30	.30
Alt My	-.30	-.14	-.06	-.07	-.10	-.07	-.09	0.00	.14	.13	1.17	1.15	.01	.01	.30	.30
S507 N	9.32	2.08		Material:E1				0.00	-2.41	-2.87	2.56	1.90	-.18	-.22	.65	.48
Ust Mx	.69	.21	.11	.10	.10	.16	.15	0.00	-2.82	-3.20	.34	-.20	-.22	-.25	.12	-.03
Alt Mx	.65	.20	.09	.11	.11	.16	.12	0.00	-2.78	-3.16	.34	-.20	-.22	-.25	.12	-.03
Ust My	-.34	-.16	-.07	-.09	-.11	-.09	-.12	0.00	.19	.17	1.60	1.57	.02	.01	.42	.42
Alt My	-.32	-.15	-.08	-.07	-.09	-.09	-.11	0.00	.19	.17	1.60	1.57	.02	.01	.42	.42
S407 N	13.38	2.80		Material:E1				0.00	-5.77	-6.76	4.93	3.52	-.44	-.52	1.31	.94
Ust Mx	.60	.18	.08	.10	.13	.14	.09	0.00	-2.65	-3.02	.31	-.21	-.21	-.24	.11	-.04
Alt Mx	.58	.18	.09	.08	.14	.11	.10	0.00	-2.61	-2.96	.31	-.20	-.21	-.23	.11	-.04
Ust My	-.30	-.14	-.07	-.06	-.08	-.10	-.09	0.00	.20	.18	1.71	1.68	.02	.01	.47	.46
Alt My	-.29	-.14	-.06	-.08	-.09	-.10	-.08	0.00	.19	.17	1.72	1.69	.02	.01	.47	.46
S307 N	18.47	3.73		Material:E1				0.00	-9.60	-11.18	8.09	5.83	-.74	-.87	2.23	1.61
Ust Mx	.88	.26	.14	.12	.19	.13	.19	0.00	-3.95	-4.51	.45	-.35	-.31	-.36	.17	-.06
Alt Mx	.80	.24	.11	.12	.15	.14	.18	0.00	-3.74	-4.28	.44	-.32	-.30	-.34	.16	-.06
Ust My	-.31	-.15	-.06	-.08	-.11	-.09	-.08	0.00	.22	.20	2.03	2.00	.02	.02	.57	.56
Alt My	-.30	-.14	-.07	-.06	-.11	-.07	-.09	0.00	.20	.18	2.04	2.00	.02	.01	.57	.56
S207 N	24.22	4.75		Material:E1				0.00	-13.76	-16.02	12.03	8.80	-1.07	-1.25	3.40	2.49
Ust Mx	1.37	.41	.17	.23	.19	.30	.32	0.00	-7.04	-8.06	.81	-.67	-.56	-.64	.30	-.13
Alt Mx	1.14	.36	.17	.18	.18	.29	.23	0.00	-6.67	-7.64	.78	-.62	-.53	-.61	.29	-.12
Ust My	-.28	-.15	-.08	-.06	-.10	-.07	-.11	0.00	.25	.22	2.49	2.45	.02	.02	.72	.71
Alt My	-.21	-.13	-.05	-.07	-.08	-.08	-.10	0.00	.22	.19	2.46	2.41	.02	.02	.71	.70
S107 N	31.03	5.93		Material:E1				0.00	-18.05	-21.02	16.89	12.62	-1.42	-1.66	4.87	3.66
Ust Mx	.98	.33	.18	.14	.22	.28	.15	0.00	-6.51	-7.49	.71	-.71	-.53	-.61	.28	-.15
Alt Mx	.89	.30	.16	.14	.23	.22	.15	0.00	-6.40	-7.35	.73	-.65	-.52	-.60	.28	-.13
Ust My	-.15	-.17	-.05	-.11	-.09	-.13	-.11	0.00	.36	.31	3.90	3.84	.03	.03	1.17	1.15
Alt My	-.10	-.14	-.07	-.06	-.09	-.11	-.07	0.00	.30	.24	3.72	3.64	.03	.02	1.11	1.08
SA07 N	38.45	7.23		Material:E1				0.00	-22.51	-26.23	22.63	17.27	-1.78	-2.08	6.65	5.11
Ust Mx	.82	.28	.15	.12	.23	.16	.15	0.00	-6.24	-7.24	.42	-1.05	-.51	-.59	.20	-.25
Alt Mx	.53	.20	.12	.07	.14	.14	.11	0.00	-5.61	-6.52	.39	-.95	-.46	-.53	.18	-.23
Ust My	-.24	-.22	-.11	-.10	-.21	-.12	-.11	0.00	.42	.42	5.30	5.29	.04	.03	1.61	1.61
Alt My	-.44	-.25	-.06	-.18	-.23	-.08	-.17	0.00	.33	.32	5.34	5.32	.03	.03	1.61	1.61
SZ07 N	42.91	8.08		Material:E1				0.00	-29.28	-33.96	28.40	21.60	-2.34	-2.72	8.48	6.49
Ust Mx	.60	.20	.14	.05	.06	.19	.12	0.00	-4.04	-4.81	.11	-1.03	-.34	-.40	.09	-.27
Alt Mx	.87	.27	.17	.09	.10	.24	.17	0.00	-5.29	-6.16	.28	-1.02	-.44	-.51	.14	-.26
Ust My	-.56	-.23	-.04	-.19	-.18	-.07	-.21	0.00	.28	.31	3.99	4.02	.02	.02	1.23	1.24
Alt My	-.44	-.18	-.08	-.10	-.10	-.09	-.16	0.00	.20	.19	4.61	4.60	.02	.02	1.42	1.41
SB07 N	51.14	9.43		Material:E1				0.00	-31.66	-36.77	32.18	24.76	-2.54	-2.96	9.68	7.50
Ust Mx	1.01	.28	.17	.11	.12	.25	.19	0.00	-2.10	-2.47	.27	-.29	-.18	-.21	.11	-.07
Alt Mx	.45	.13	.08	.05	.06	.11	.09	0.00	-3.59	-4.14	.43	-.38	-.31	-.35	.17	-.09
Ust My	-.18	-.07	-.08	.01	0.00	-.08	-.06	0.00	.14	.12	1.53	1.50	.01	.01	.49	.48
Alt My	-.11	-.04	-.04	0.00	-.01	-.04	-.04	0.00	.06	0.00	2.88	2.80	.01	0.00	.91	.89
SÇ08 N	4.76	.96		Material:E1				0.00	-.61	-.76	1.16	.95	-.05	-.06	.29	.24
Ust Mx	.41	.13	.05	.08	.13	.06	.08	0.00	-1.75	-1.77	.18	.15	-.15	-.15	.05	.04
Alt Mx	.55	.19	.03	.16	.18	.04	.15	0.00	-1.73	-1.76	.17	.13	-.15	-.15	.05	.04
Ust My	.10	.01	0.00	.01	0.00	.03	0.00	0.00	.06	-.02	2.17	2.08	.01	0.00	.55	.53
Alt My	.10	0.00	.02	-.02	0.00	.02	-.02	0.00	.06	-.02	2.18	2.09	.01	0.00	.55	.53
S608 N	12.30	3.31		Material:E1				0.00	-1.59	-1.88	2.35	1.94	-.12	-.15	.60	.49
Ust Mx	.89	.35	.12	.23	.24	.12	.33	0.00	-1.72	-1.80	.13	.02	-.14	-.14	.04	.01
Alt Mx	.85	.33	.21	.12	.13	.20	.33	0.00	-1.66	-1.73	.13	.02	-.13	-.14	.04	.01
Ust My	.12	.01	.01	-.01	.02	.01	-.01	0.00	.04	-.01	2.15	2.07	0.00	0.00	.55	.53
Alt My	.12	.01	-.01	.01	.02	-.01	0.00	0.00	.04	-.01	2.12	2.04	0.00	0.00	.54	.52
S508 N	20.32	5.71		Material:E1				0.00	-2.79	-3.25	4.39	3.74	-.22	-.26	1.12	.94
Ust Mx	1.60	.62	.41	.21	.20	.61	.43	0.00	-3.31	-3.45	.24	.05	-.27	-.28	.08	.02
Alt Mx	1.51	.59	.20	.39	.37	.60	.21	0.00	-3.20	-3.33	.24	.05	-.26	-.27	.07	.02
Ust My	.24	.01	-.02	.03	0.00	-.03	.04	0.00	.13	0.00	5.08	4.90	.01	0.00	1.34	1.29
Alt My	.21	0.00	.02	-.02	-.03	0.00	.03	0.00	.12	0.00	4.98	4.80	.01	0.00	1.31	1.27
S408 N	28.59	8.23		Material:E1				0.00	-3.97	-4.63	6.39	5.47	-.31	-.36	1.64	1.39
Ust Mx	1.39	.54	.16	.38	.56	.37	.15	0.00	-2.88	-3.00	.20	.03	-.23	-.24	.06	.02
Alt Mx	1.38	.53	.34	.19	.55	.19	.32	0.00	-2.75	-2.86	.20	.04	-.22	-.23	.06	.02
Ust My	.22	.01	.03	-.02	-.03	.04	0.00	0.00	.14	.03	4.94	4.78	.01	0.00	1.34	1.30
Alt My	.26	.03	-.01	.03	.01	.05	-.01	0.00	.12	.01	4.83	4.66	.01	0.00	1.31	1.27

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S208 N	45.37	13.29		Material:E1				0.00	-6.20	-7.37	16.36	14.70	-.49	-.58	4.46	3.99
Ust Mx	2.48	.97	.21	.76	.20	1.02	.71	0.00	-3.82	-3.96	.24	.03	-.31	-.32	.08	.02
Alt Mx	2.31	.91	.55	.35	.52	.95	.34	0.00	-3.60	-3.72	.23	.06	-.29	-.30	.07	.02
Ust My	.43	.05	.07	-.03	.02	-.03	.09	0.00	.23	.03	9.38	9.10	.02	.01	2.73	2.64
Alt My	.34	.03	-.02	.04	-.04	.01	.08	0.00	.19	-.01	9.41	9.11	.02	0.00	2.73	2.64
S108 N	53.89	15.86		Material:E1				0.00	-7.31	-8.77	23.67	21.58	-.57	-.69	6.60	6.01
Ust Mx	3.64	1.42	1.14	.27	1.44	1.08	.32	0.00	-4.14	-4.28	.23	.02	-.34	-.35	.08	.01
Alt Mx	3.30	1.29	.56	.72	1.25	.56	.76	0.00	-4.43	-4.55	.28	.11	-.36	-.37	.09	.04
Ust My	.31	.02	-.05	.06	-.06	.07	.01	0.00	.22	.02	10.67	10.38	.02	0.00	3.19	3.10
Alt My	.28	.01	.03	-.03	-.01	.07	-.04	0.00	.17	-.05	10.78	10.47	.02	0.00	3.22	3.13
SA08 N	62.06	18.38		Material:E1				0.00	-8.41	-10.18	33.15	30.62	-.66	-.80	9.47	8.75
Ust Mx	3.50	1.34	-.01	1.34	1.17	.03	1.47	0.00	-2.73	-2.85	.08	-.10	-.23	-.24	.03	-.02
Alt Mx	1.54	.57	.15	.42	.39	.10	.65	0.00	-3.42	-3.51	.18	.05	-.28	-.29	.06	.02
Ust My	.51	.08	.10	-.03	.11	.05	-.02	0.00	.20	.06	12.47	12.27	.02	.01	3.79	3.73
Alt My	.59	.12	.02	.10	.14	0.00	.09	0.00	.14	-.02	12.38	12.15	.01	0.00	3.76	3.69
SZ08 N	67.27	19.38		Material:E1				0.00	-9.25	-11.20	42.84	40.04	-.73	-.89	12.44	11.64
Ust Mx	1.17	.41	.27	.13	.22	.57	.01	0.00	.56	.52	-.13	-.19	.04	.04	-.03	-.05
Alt Mx	2.52	.98	.16	.82	.88	1.00	.08	0.00	-4.71	-4.82	.18	.02	-.40	-.40	.06	.01
Ust My	.64	.13	0.00	.13	.08	-.01	.18	0.00	.17	.09	10.55	10.42	.02	.01	3.26	3.22
Alt My	.43	.05	.06	-.02	-.04	.02	.11	0.00	.10	0.00	11.05	10.90	.01	0.00	3.41	3.36
SB08 N	77.18	22.53		Material:E1				0.00	-9.67	-11.77	49.69	46.67	-.76	-.93	14.59	13.72
Ust Mx	3.42	1.33	.04	1.29	1.33	1.23	.10	0.00	1.75	1.75	-.06	-.06	.14	.14	-.01	-.02
Alt Mx	1.42	.56	.02	.54	.56	.52	.05	0.00	-7.27	-7.39	.30	.13	-.64	-.65	.09	.04
Ust My	.17	-.01	.10	-.11	-.10	.05	.03	0.00	.11	.04	4.55	4.44	.01	0.00	1.45	1.41
Alt My	.04	-.02	.04	-.06	-.06	.02	0.00	0.00	.04	-.06	5.41	5.26	0.00	0.00	1.71	1.67
SC09 N	2.95	.45		Material:E1				0.00	-.59	-.67	-.13	-.18	-.05	-.05	-.16	-.16
Ust Mx	.21	.05	.02	.03	.05	.01	.03	0.00	-1.87	-1.75	.08	.25	-.16	-.15	.02	.06
Alt Mx	.26	.08	.01	.07	.07	.01	.07	0.00	-1.83	-1.71	.08	.24	-.16	-.15	.02	.06
Ust My	.66	.26	.12	.13	.17	.15	.17	0.00	-.16	-.24	1.61	1.51	-.01	-.02	.39	.37
Alt My	.63	.25	.11	.13	.16	.15	.17	0.00	-.15	-.23	1.56	1.47	-.01	-.02	.38	.36
S609 N	8.08	1.92		Material:E1				0.00	-1.33	-1.49	1.39	1.24	-.11	-.12	.10	.08
Ust Mx	.48	.21	.07	.14	.14	.06	.22	0.00	-2.73	-2.56	.04	.28	-.22	-.21	0.00	.07
Alt Mx	.45	.20	.13	.07	.06	.12	.21	0.00	-2.69	-2.53	.05	.29	-.22	-.21	0.00	.07
Ust My	1.91	.78	.34	.41	.48	.48	.53	0.00	-.56	-.75	5.17	4.91	-.04	-.06	1.30	1.23
Alt My	1.81	.74	.35	.36	.47	.48	.48	0.00	-.56	-.74	5.11	4.85	-.04	-.06	1.28	1.21
S509 N	12.60	3.13		Material:E1				0.00	-2.14	-2.34	3.98	3.75	-.17	-.19	.70	.65
Ust Mx	.39	.17	.12	.05	.05	.19	.11	0.00	-2.65	-2.48	.03	.28	-.22	-.20	0.00	.07
Alt Mx	.37	.17	.05	.12	.11	.18	.05	0.00	-2.63	-2.46	.03	.29	-.21	-.20	0.00	.07
Ust My	1.59	.67	.32	.32	.44	.43	.42	0.00	-.52	-.70	5.67	5.40	-.04	-.05	1.48	1.41
Alt My	1.53	.65	.29	.34	.44	.40	.41	0.00	-.53	-.71	5.74	5.47	-.04	-.06	1.50	1.43
S409 N	17.87	4.54		Material:E1				0.00	-2.92	-3.17	7.53	7.22	-.24	-.26	1.63	1.56
Ust Mx	.35	.16	.04	.12	.18	.10	.04	0.00	-2.49	-2.31	.02	.27	-.20	-.19	-.01	.06
Alt Mx	.36	.16	.10	.05	.17	.04	.10	0.00	-2.42	-2.25	.02	.26	-.20	-.18	-.01	.06
Ust My	1.25	.56	.24	.29	.37	.33	.37	0.00	-.47	-.65	6.16	5.90	-.04	-.05	1.67	1.60
Alt My	1.09	.51	.24	.24	.32	.30	.34	0.00	-.47	-.65	6.15	5.88	-.04	-.05	1.67	1.59
S309 N	23.61	5.96		Material:E1				0.00	-3.82	-4.10	11.46	11.09	-.31	-.33	2.73	2.64
Ust Mx	.61	.27	.20	.06	.17	.06	.30	0.00	-4.15	-3.84	.02	.47	-.34	-.32	-.02	.11
Alt Mx	.52	.24	.07	.16	.06	.14	.27	0.00	-3.98	-3.68	.02	.46	-.33	-.30	-.02	.11
Ust My	1.38	.71	.35	.32	.43	.44	.47	0.00	-.70	-.98	10.76	10.35	-.05	-.08	3.03	2.91
Alt My	1.13	.61	.26	.32	.38	.40	.38	0.00	-.66	-.94	10.35	9.95	-.05	-.07	2.91	2.79
S209 N	30.36	7.63		Material:E1				0.00	-4.82	-5.14	15.97	15.53	-.39	-.42	4.10	3.99
Ust Mx	.46	.23	.03	.20	.02	.29	.15	0.00	-4.15	-3.81	-.01	.48	-.34	-.32	-.03	.11
Alt Mx	.44	.22	.16	.07	.14	.26	.04	0.00	-4.15	-3.80	0.00	.50	-.34	-.31	-.03	.12
Ust My	1.49	.88	.34	.49	.59	.57	.50	0.00	-.97	-1.42	17.91	17.25	-.07	-.11	5.25	5.06
Alt My	1.28	.77	.36	.37	.54	.46	.46	0.00	-.94	-1.39	17.38	16.73	-.07	-.11	5.07	4.88
S109 N	37.47	9.31		Material:E1				0.00	-5.75	-6.16	22.36	21.78	-.47	-.50	6.11	5.95
Ust Mx	.42	.21	.19	.02	.26	.13	.03	0.00	-3.60	-3.28	-.02	.44	-.30	-.28	-.03	.10
Alt Mx	.40	.20	.07	.13	.23	.04	.13	0.00	-3.71	-3.38	-.02	.45	-.31	-.28	-.03	.11
Ust My	.93	.67	.34	.29	.48	.34	.44	0.00	-.85	-1.29	18.43	17.79	-.06	-.10	5.60	5.40
Alt My	.45	.50	.19	.28	.32	.26	.35	0.00	-.81	-1.28	17.97	17.27	-.06	-.10	5.41	5.20
SA09 N	45.31	11.24		Material:E1				0.00	-6.48	-6.89	27.39	26.81	-.53	-.56	7.75	7.59
Ust Mx	.23	.16	-.05	.21	.13	-.05	.24	0.00	-3.30	-2.97	.02	.50	-.28	-.25	-.02	.12
Alt Mx	0.00	.07	.01	.06	.03	-.01	.12	0.00	-3.16	-2.84	.02	.48	-.27	-.24	-.02	.12
Ust My	.27	.56	.15	.37	.29	.37	.38	0.00	-.99	-1.30	25.44	24.97	-.08	-.10	7.82	7.67
Alt My	.38	.48	.23	.22	.29	.36	.25	0.00	-.96	-1.38	25.66	25.05	-.07	-.11	7.83	7.64
SZ09 N	50.36	12.08		Material:E1				0.00	-7.05	-7.45	32.63	32.06	-.57	-.61	9.45	9.28
Ust Mx	-.17	.04	.04	-.01	.02	.14	-.08	0.00	-2.11	-1.82	-.02	.41	-.19	-.16	-.03	.10
Alt Mx	.08	.13	-.02	.15	.16	.18	-.08	0.00	-3.60	-3.25	.04	.56	-.31	-.28	-.02	.14
Ust My	.39	.36	.23	.11	.29	.27	.12	0.00	-.48	-.60	18.36	18.17	-.04	-.05	5.77	5.70
Alt My	-.12	.20	.06	.12	.20	.08	.08	0.00	-.59	-.83	24.24	23.88	-.04	-.07	7.51	7.40
SB09 N	56.79	14.10		Material:E1				0.00	-7.34	-7.74	35.88	35.29	-.60	-.63	10.53	10.35
Ust Mx	.26	.16	-.07	.23	.23	.15	-.06	0.00	-.71	-.61	-.07	.07	-.07	-.06	-.03	.02
Alt Mx	.13	.08	-.03	.11	.11	.07	-.02	0.00	-2.58	-2.38	-.05	.24	-.23	-.21	-.03	.06
Ust My	-.30	.10	-.06	.15	.14	-.05	.09	0.00	-.06	-.24	6.61	6.33	0.00	-.02	2.20	2.10
Alt My	-.35	-.03	-.05	.02	.01	-.06	-.02	0.00	-.10	-.54	19.33	18.67	0.00	-.04	6.15	5.94
SC10 N	8.95	1.50		Material:E2				0.00	-2.04	-1.52	-2.28	-1.65	-.19	-.15	-.46	-.32
Ust Mx	-1.48	-.33	-.12	-.20	-.17	-.21	-.26	0.00	-8.71	-7.77	-.21	1.01	-.77	-.70	-.07	.24
Alt Mx	-1.04	-.17	-.13	-.03	-.10	-.14	-.09	0.00	-7.88	-7.08	-.06	.94	-.72	-.65	-.02	.23
Ust My	4.56	1.75	.85	.83	1.21	1.01	1.14	0.00	-1.12	-1.67	8.82	8.20	-.08	-.13	2.05	1.92
Alt My	-3.64	-1.33	-.84	-.46	-1.02	-.89	-.69	0.00	3.26	-.26	-10.58	-12.43	.38	.03	-4.66	-4.48
S610 N	20.49	3.25		Material:E2				0.00	-4.59	-3.48	-7.45	-6.03	-.42	-.32	-1.68	-1.33
Ust Mx	-1.58	-.19	-.13	-.04	-.11	-.18	-.06	0.00	-1.94	-1.69	-.40	.03	-.12	-.10	-.15	-.01
Alt Mx	-1.36	-.17	-.04	-.12	-.16	-.09	-.07	0.00	-3.31	-2.93	-.29	.28	-.26	-.23	-.11	.05
Ust My	7.65	3.21	1.57	1.53	2.12	2.00	2.08	0.00	-4.75	-1.74	21.94	23.13	-.49	-.19	7.39	7.05
Alt My	3.87	1.60	.91	.64	1.56	.78	.76	0.00	-3.38	-3.19	-17.35	-17.36	-.28	-.26	-6.83	-6.85
S510 N	32.18	5.18		Material:E2				0.00	-6.85	-5.12	-15.10	-12.77	-.60	-.46	-3.62	-3.02
Ust Mx	-1.25	-.18	-.04	-.13	-.15	-.05	-.14	0.00	-4.66	-4.14	-.25	.49	-.39	-.34	-.10	.11
Alt Mx	-1.29	-.18	-.13	-.04	-.08	-.08	-.18	0.00	-4.49	-3.99	-.23	.49	-.37	-.33	-.09	.11
Ust My	.03	.32	.06	.22	-.37	.52	.42	0.00	1.63	1.03	31.13	30.52	.14	.09	10.32	10.17
Alt My	1.63	.94	.40	.50	.48	.33	.99	0.00	-3.58	-4.17	-8.13	-8.96	-.28	-.33	-4.95	-5.10
S410 N	43.16	6.90		Material:E2				0.00	-9.97	-7.50	-24.27	-20.86	-.86	-.66	-6.08	-5.17
Ust Mx	-1.21	-.17	-.13	-.03	-.03	-.14	-.14	0.00	-4.49	-3.97	-.23	.52	-.37	-.32	-.10	.11
Alt Mx	-1.04	-.13	-.03	-.10	-.04	-.15	-.06	0.00	-4.84	-4.27	-.19	.61	-.39	-.35	-.09	.14
Ust My	1.25	.66	.22	.41	.65	.58	.01	0.00	1.90	2.06	24.05	24.26	.15	.17	9.18	9.16
Alt My	.49	.78	.44	.30	.37	.80	.32	0.00	-3.83	-5.41	15.77	13.50	-.30	-.42	1.20	.65
S310 N	53.33	8.47		Material:E2				0.00	-14.12	-10.72	-35.75	-31.00	-1.20	-.93	-9.32	-8.03
Ust Mx	-.98	-.13	-.02	-.10	-.10	-.12	-.02	0.00	-4.72	-4.16	-.14	.67	-.39	-.34	-.08	.15
Alt Mx	-1.06	-.14	-.10	-.04	-.14	-.07	-.06	0.00	-5.05	-4.45	-.13	.74	-.41	-.37	-.08	.17
Ust My	1.47	.54	.24	.27	.42	-.03	.64	0.00	2.12	3.28	2.37	4.02	.16	.25	3.83	4.20
Alt My	-.27	.60	.20	.36	.62	.23	.27	0.00	-3.95	-5.28	30.26	28.41	-.32	-.41	5.49	5.06
S210 N	63.67	10.08		Material:E2				0.00	-18.70	-14.21	-51.37	-45.03	-1.58	-1.22	-13.92	-12.16
Ust Mx	-1.06	-.15	-.11	-.03	-.12	-.05	-.12	0.00	-4.46	-3.92	-.11	.67	-.37	-.33	-.08	.16
Alt Mx	-.94	-.13	-.04	-.09	-.05	-.07	-.13	0.00	-5.00	-4.41	-.07	.78	-.41	-.37	-.07	.18
Ust My	1.62	.52	.20	.30	.06	.56	.38	0.00	2.24	3.13	-9.21	-8.01	.18	.24	.61	.85
Alt My	-.67	.37	.21	.13	.17	.15	.35	0.00	-3.19	-5.01	39.49	36.99	-.25	-.38	9.02	8.38
S110 N	73.01	11.48		Material:E2				0.00	-23.15	-17.52	-70.20	-62.20	-1.97	-1.51	-19.64	-17.39
Ust Mx	-.76	-.10	-.02	-.08	-.02	-.09	-.09	0.00	-3.84	-3.37	-.04	.65	-.33	-.29	-.05	.16
Alt Mx	-.65	-.08	-.06	-.02	-.04	-.10	-.02	0.00	-4.33	-3.82	-.05	.69	-.36	-.32	-.06	.16
Ust My	1.30	.52	.27	.23	.52	.32	.15	0.00	1.64	2.98	-16.42	-14.63	.13	.22	-2.10	-1.67
Alt My	-1.78	.09	-.11	.19	.01	.07	.08	0.00	-2.71	-6.98	55.52	49.42	-.17	-.51	15.55	13.75
SA10 N	81.16	12.65		Material:E2				0.00	-27.09	-20.49	-90.54	-81.12	-2.31	-1.77	-25.96	-23.27
Ust Mx	-.67	-.09	-.08	-.01	-.08	-.09	-.01	0.00	-3.07	-2.67	.13	.73	-.27	-.23	.01	.19
Alt Mx	-.69	-.10	-.03	-.06	-.10	-.04	-.05	0.00	-3.97	-3.48	.09	.81	-.34	-.30	-.01	.20
Ust My	1.74	.52	.26	.22	.33	.23	.40	0.00	1.39	5.32	-31.89	-26.27	.06	.38	-8.29	-6.65
Alt My	-1.92	-.23	-.09	-.14	-.09	-.24	-.13	0.00	-3.55	-5.97	80.37	76.90	-.26	-.45	23.29	22.29

FİRMA : EMKA YAPI MUHENDİSLİK LTD. STI. Dosya :TEZITC.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SB10	N	94.53	14.18			Material:E2			0.00	-32.84	-24.96	-124.70	-113.37	-2.82	-2.17	-36.74	-33.45
Ust Mx		-.32	-.04	-.05	.02	.01	-.04	-.05	0.00	-.35	-.28	-.06	.05	-.04	-.03	-.02	.01
Alt Mx		-.16	-.02	-.02	.01	.01	-.02	-.02	0.00	-2.28	-2.01	-.10	.30	-.20	-.18	-.05	.08
Ust My		1.42	.77	.24	.50	.57	.40	.51	0.00	2.63	3.95	-130.70	-128.76	.20	.31	-39.55	-38.98
Alt My		-3.18	-.96	-.36	-.58	-.63	-.46	-.78	0.00	-.69	-6.07	230.34	222.24	.04	-.44	72.97	70.38
SÇ11	N	16.86	3.81			Material:E2			0.00	-.50	-.20	5.35	5.67	-.04	-.01	1.29	1.34
Ust Mx		-.31	-.15	.03	-.18	-.07	-.10	-.12	0.00	-12.46	-13.66	1.79	.22	-1.07	-1.17	.50	.10
Alt Mx		-.01	-.12	-.05	-.06	-.21	0.00	-.02	0.00	-11.10	-12.17	1.11	-.25	-.97	-1.06	.30	-.04
Ust My		-10.63	-3.09	-1.19	-1.85	-1.56	-2.40	-2.11	0.00	1.73	3.28	22.91	24.80	.12	.25	5.53	5.98
Alt My		9.46	2.61	1.11	1.50	1.27	2.21	1.73	0.00	-8.56	-5.08	-13.04	-11.25	-.81	-.47	-3.57	-3.78
S611	N	38.70	7.66			Material:E2			0.00	.02	.64	11.39	12.12	.01	.06	2.72	2.87
Ust Mx		.42	.19	.08	.13	.04	.24	.14	0.00	-5.40	-6.26	-.53	-1.81	-.39	-.46	-.05	-.42
Alt Mx		.31	.15	.14	.02	.10	.24	-.01	0.00	-6.34	-7.24	-.29	-1.60	-.49	-.56	0.00	-.37
Ust My		-14.70	-4.65	-2.47	-2.10	-3.09	-3.19	-2.85	0.00	11.12	9.00	37.77	37.82	1.00	.77	9.54	10.22
Alt My		-1.32	-.84	-.12	-.68	.27	-.84	-1.01	0.00	-.24	-.54	-14.58	-14.70	-.01	-.04	-6.89	-6.92
S511	N	59.57	11.43			Material:E2			0.00	.69	1.69	19.69	21.00	.05	.13	4.75	5.07
Ust Mx		.26	.11	.12	0.00	.18	.12	-.05	0.00	-7.44	-8.40	-.04	-1.42	-.59	-.66	.06	-.32
Alt Mx		.28	.12	.05	.09	.20	.01	.05	0.00	-7.43	-8.39	0.00	-1.38	-.58	-.66	.07	-.31
Ust My		-4.18	-1.40	-.59	-.76	-1.23	-.50	-.97	0.00	3.08	4.82	45.26	47.52	.23	.37	14.51	15.14
Alt My		-1.50	-.80	-.53	-.22	-.63	-1.03	.16	0.00	-2.13	-1.78	-2.30	-1.81	-.18	-.15	-4.10	-4.09
S411	N	79.94	15.07			Material:E2			0.00	2.02	3.61	30.41	32.58	.15	.28	7.53	8.09
Ust Mx		.21	.09	.03	.07	.10	-.03	.14	0.00	-7.51	-8.48	.03	-1.37	-.59	-.67	.08	-.31
Alt Mx		.08	.06	.10	-.02	-.03	.04	.14	0.00	-7.80	-8.78	.13	-1.28	-.61	-.69	.11	-.29
Ust My		-3.32	-1.29	-.83	-.41	-.57	-.86	-1.04	0.00	4.74	6.14	39.53	41.59	.37	.48	13.82	14.52
Alt My		-1.78	-.77	-.15	-.58	-.91	.08	-.64	0.00	-3.65	-2.95	26.74	27.70	-.30	-.25	3.36	3.48
S311	N	98.57	18.33			Material:E2			0.00	4.19	6.61	43.37	46.75	.31	.51	11.06	11.97
Ust Mx		.09	.05	.09	-.02	-.07	.14	.06	0.00	-7.71	-8.68	.15	-1.24	-.61	-.69	.12	-.29
Alt Mx		.20	.08	.03	.07	.04	.18	-.03	0.00	-8.09	-9.09	.32	-1.12	-.64	-.72	.16	-.25
Ust My		-1.22	-.90	-.29	-.55	-.68	-.70	-.31	0.00	5.92	7.31	15.89	17.94	.46	.58	8.27	9.01
Alt My		-1.63	-.69	-.54	-.13	.07	-.61	-.79	0.00	-5.99	-3.59	46.06	49.37	-.50	-.32	9.05	9.84
S211	N	116.49	21.40			Material:E2			0.00	6.50	9.90	57.90	62.70	.49	.76	15.19	16.52
Ust Mx		.12	.04	0.00	.05	.11	.07	-.08	0.00	-7.58	-8.55	.34	-1.05	-.61	-.69	.17	-.24
Alt Mx		-.09	-.01	.06	-.06	.09	-.06	-.04	0.00	-8.03	-9.01	.48	-.94	-.64	-.72	.21	-.21
Ust My		-.16	-.63	-.44	-.13	-.42	-.15	-.56	0.00	7.83	7.74	-.60	-.55	.62	.63	3.88	4.08
Alt My		-.82	-.54	-.11	-.39	-.46	-.69	.14	0.00	-6.27	-3.33	56.88	60.88	-.53	-.31	13.27	14.28
S111	N	132.24	23.92			Material:E2			0.00	9.06	13.59	74.32	80.76	.68	1.05	20.05	21.88
Ust Mx		-.15	-.05	.03	-.07	-.01	-.12	.04	0.00	-7.23	-8.15	.39	-.95	-.59	-.67	.18	-.22
Alt Mx		-.01	-.02	-.03	.03	-.07	-.03	.09	0.00	-8.03	-9.00	.54	-.87	-.65	-.73	.23	-.19
Ust My		1.50	-.11	.13	-.19	.14	-.21	-.05	0.00	7.81	7.35	-8.98	-9.36	.62	.61	.87	.95
Alt My		-.89	-.45	-.46	.06	-.55	0.00	-.26	0.00	-6.90	-4.54	73.95	77.13	-.58	-.41	20.21	21.04
SA11	N	146.85	26.22			Material:E2			0.00	11.31	17.05	91.04	99.27	.85	1.32	25.10	27.48
Ust Mx		.11	.01	-.05	.07	-.11	.05	.09	0.00	-4.19	-4.73	.10	-.70	-.34	-.39	.07	-.17
Alt Mx		.06	.02	.01	.01	-.04	.05	.03	0.00	-1.34	-1.47	.12	-.07	-.11	-.12	.04	-.01
Ust My		3.01	.30	.18	.15	.07	.44	.15	0.00	7.71	8.00	-26.94	-26.21	.61	.66	-6.03	-5.66
Alt My		-1.56	-.52	-.28	-.23	-.24	-.54	-.26	0.00	-8.31	-3.16	87.07	94.46	-.74	-.33	24.41	26.55
SZ11	N	150.29	26.22			Material:E2			0.00	11.31	17.05	91.04	99.27	.85	1.32	25.10	27.48
Ust Mx		-.06	-.02	-.01	-.01	.04	-.05	-.03	0.00	1.34	1.47	-.12	.07	.11	.12	-.04	.01
Alt Mx		-.16	-.05	-.08	.04	.06	-.12	-.04	0.00	-3.00	-3.36	.12	-.42	-.25	-.28	.06	-.11
Ust My		1.56	.52	.28	.23	.24	.54	.26	0.00	8.31	3.16	-87.07	-94.46	.74	.33	-24.41	-26.55
Alt My		.03	-.51	-.26	-.23	-.37	-.50	-.13	0.00	-10.26	1.82	179.11	196.91	-1.02	0.00	53.55	58.96
SB11	N	163.01	27.94			Material:E2			0.00	12.05	18.44	100.68	109.88	.91	1.44	28.12	30.81
Ust Mx		-.15	-.06	-.11	.05	.05	-.13	-.03	0.00	-2.12	-2.43	.13	-.33	-.18	-.21	.06	-.08
Alt Mx		-.08	-.03	-.05	.02	.02	-.06	-.01	0.00	-3.10	-3.46	.25	-.28	-.27	-.30	.10	-.07
Ust My		4.08	1.28	.47	.82	.88	.61	1.10	0.00	10.32	-.25	-152.84	-168.40	1.00	.11	-45.35	-50.07
Alt My		-3.12	-1.19	-.42	-.76	-.85	-.57	-.94	0.00	-12.23	1.60	265.85	286.44	-1.24	-.03	82.71	89.13
SÇ12	N	3.72	.11			Material:E1			0.00	1.10	.60	-1.62	-2.23	.10	.06	-.28	-.42
Ust Mx		.07	.07	.03	.04	.03	.07	.04	0.00	-1.20	-1.17	-.64	-.61	-.11	-.10	-.17	-.16
Alt Mx		.13	.07	.04	.02	.03	.07	.03	0.00	-1.16	-1.12	-.58	-.53	-.10	-.10	-.15	-.14
Ust My		-.28	-.08	-.04	-.04	-.05	-.05	-.06	0.00	.23	.31	2.18	2.28	.02	.02	.54	.56
Alt My		-.31	-.09	-.04	-.06	-.05	-.07	-.08	0.00	.24	.32	2.21	2.31	.02	.02	.55	.57
S612	N	7.56	1.28			Material:E1			0.00	3.09	2.45	-2.04	-2.84	.27	.22	-.24	-.43
Ust Mx		.13	.04	.03	.02	.04	.04	.02	0.00	-.57	-.54	-.44	-.39	-.04	-.04	-.12	-.11
Alt Mx		.13	.04	.02	.02	.04	.03	.02	0.00	-.60	-.57	-.44	-.39	-.05	-.05	-.12	-.11
Ust My		-.29	-.10	-.04	-.05	-.05	-.07	-.07	0.00	.21	.27	1.78	1.85	.02	.02	.44	.46
Alt My		-.29	-.10	-.05	-.04	-.06	-.07	-.06	0.00	.21	.26	1.78	1.86	.02	.02	.45	.47
S512	N	11.94	2.46			Material:E1			0.00	5.20	4.42	-3.98	-5.02	.44	.37	-.59	-.86
Ust Mx		.29	.10	.04	.06	.08	.05	.08	0.00	-1.58	-1.52	-1.04	-.94	-.13	-.12	-.28	-.26
Alt Mx		.28	.10	.06	.03	.06	.06	.09	0.00	-1.58	-1.51	-1.02	-.93	-.13	-.12	-.28	-.25
Ust My		-.68	-.23	-.12	-.10	-.17	-.15	-.13	0.00	.47	.62	4.65	4.86	.04	.05	1.20	1.26
Alt My		-.65	-.22	-.10	-.12	-.17	-.13	-.14	0.00	.44	.59	4.65	4.86	.03	.05	1.20	1.26
S412	N	16.87	3.75			Material:E1			0.00	8.01	6.97	-8.09	-9.52	.66	.58	-1.62	-1.99
Ust Mx		.25	.08	.06	.03	.03	.08	.06	0.00	-1.60	-1.53	-.98	-.89	-.13	-.12	-.27	-.24
Alt Mx		.23	.08	.03	.05	.04	.08	.04	0.00	-1.63	-1.56	-.95	-.86	-.13	-.13	-.27	-.24
Ust My		-.62	-.21	-.09	-.12	-.14	-.11	-.16	0.00	.40	.56	4.86	5.10	.03	.04	1.30	1.37
Alt My		-.61	-.21	-.11	-.09	-.12	-.13	-.16	0.00	.37	.53	4.86	5.11	.03	.04	1.30	1.37
S312	N	22.32	5.09			Material:E1			0.00	11.23	9.78	-14.64	-16.67	.92	.81	-3.41	-3.95
Ust Mx		.29	.09	.04	.05	.08	.08	.03	0.00	-1.89	-1.82	-1.04	-.94	-.15	-.15	-.29	-.26
Alt Mx		.31	.09	.06	.03	.09	.06	.05	0.00	-1.90	-1.83	-.98	-.88	-.15	-.15	-.28	-.25
Ust My		-.92	-.32	-.18	-.14	-.17	-.25	-.22	0.00	.55	.87	8.19	8.64	.04	.07	2.27	2.40
Alt My		-.83	-.30	-.13	-.16	-.19	-.23	-.17	0.00	.49	.81	8.14	8.60	.04	.06	2.27	2.40
S212	N	28.17	6.50			Material:E1			0.00	15.15	13.17	-22.16	-24.96	1.25	1.09	-5.60	-6.38
Ust Mx		.41	.11	.09	.03	.10	.04	.10	0.00	-2.97	-2.86	-1.46	-1.31	-.24	-.23	-.42	-.38
Alt Mx		.26	.07	.03	.05	.03	.04	.09	0.00	-3.05	-2.95	-1.36	-1.21	-.25	-.24	-.39	-.35
Ust My		-.85	-.31	-.13	-.18	-.24	-.21	-.17	0.00	.53	.90	9.06	9.60	.04	.07	2.61	2.77
Alt My		-.85	-.31	-.17	-.14	-.24	-.17	-.20	0.00	.44	.81	8.95	9.49	.03	.06	2.58	2.74
S112	N	34.56	7.93			Material:E1			0.00	20.28	17.65	-31.01	-34.77	1.68	1.47	-8.32	-9.38
Ust Mx		.22	.05	.01	.05	-.02	.07	.06	0.00	-3.15	-3.06	-1.33	-1.19	-.26	-.26	-.39	-.35
Alt Mx		.33	.08	.07	.02	.03	.10	.04	0.00	-3.34	-3.24	-1.21	-1.07	-.28	-.27	-.36	-.31
Ust My		-1.17	-.43	-.24	-.19	-.29	-.23	-.34	0.00	.59	1.15	12.76	13.58	.04	.09	3.79	4.04
Alt My		-1.06	-.40	-.18	-.22	-.22	-.25	-.32	0.00	.45	1.03	12.82	13.67	.03	.08	3.81	4.07
SA12	N	42.40	9.82			Material:E1			0.00	25.45	22.03	-41.63	-46.55	2.12	1.84	-11.62	-13.04
Ust Mx		.80	.18	.17	.02	.14	.19	.04	0.00	-2.64	-2.57	-1.08	-.97	-.22	-.22	-.32	-.28
Alt Mx		.79	.18	.09	.09	.13	.14	.08	0.00	-.75	-.73	-.17	-.14	-.06	-.06	-.05	-.04
Ust My		-.61	-.24	-.06	-.18	-.07	-.21	-.20	0.00	.34	.75	8.13	8.74	.02	.06	2.45	2.64
Alt My		-.09	-.02	-.01	-.01	.02	-.05	-.01	0.00	.01	.06	1.10	1.17	0.00	0.00	.30	.32
SZ12	N	43.27	9.82			Material:E1			0.00	25.45	22.03	-41.63	-46.55	2.12	1.84	-11.62	-13.04
Ust Mx		.77	.15	.07	.08	.07	.09	.14	0.00	.75	.73	.17	.14	.06	.06	.05	.04
Alt Mx		.59	.11	.11	0.00	0.00	.08	.14	0.00	-1.80	-1.74	-.24	-.15	-.16	-.15	-.07	-.05
Ust My		.09	.02	.01	.01	-.02	.05	.01	0.00	-.01	-.06	-1.10	-1.17	0.00	0.00	-.30	-.32
Alt My		-.17	-.11	-.01	-.10	-.12	0.00	-.10	0.00	-.05	.21	4.45	4.84	-.01	.01	1.38	1.50
SB12	N	51.32	12.08			Material:E1			0.00	28.09	24.18	-48.82	-54.48	2.36	2.04	-13.91	-15.56
Ust Mx		.28	.03	.12	-.09	-.07	.05	.10	0.00	-1.79	-1.73	-.71	-.62	-.16	-.15	-.21	-.18
Alt Mx		.13	.02	.06	-.04	-.04	.02	.05	0.00	-2.59	-2.51	-.31	-.19	-.23	-.22	-.10	-.06
Ust My		-.37	-.21	-.03	-.18	-.18	-.04	-.19	0.00	.14	.43	6.13	6.56	.01	.03	1.92	2.06
Alt My		-.21	-.11	-.02	-.09	-.09	-.03	-.10	0.00	-.07	.22	5.87	6.31	-.01	.02	1.83	1.97
SÇ13	N	3.11	.53			Material:E1			0.00	.37	.35	-2.20	-2.21	.04	.04	-.58	-.58
Ust Mx		-.32	-.08	-.03	-.04	-.05	-.05	-.05	0.00	-1.56	-1.37	-.49	-.24	-.14	-.12	-.13	-.07
Alt Mx		-.36	-.09	-.04	-.05	-.07	-.05	-.06	0.00	-1.65	-1.45	-.52	-.25	-.15	-.13	-.14	-.07
Ust My		.52	.13	.05	.07	.07	.09	.09	0.00	.41	.42	2.21	2.22	.03	.03	.56	.56
Alt My		.53	.14	.05	.08	.06	.10	.10	0.00	.38	.39	2.09	2.09	.03	.03	.53	.53
S613	N	5.39	1.07			Material:E1			0.00	4.23	3.70	-3.16	-3.89	.36	.32	-.79	-.98
Ust Mx		-.40	-.10	-.05	-.05	-.06	-.06	-.07	0.00	-1.08	-.93	-.47	-.26	-.09	-.08	-.14	-.08
Alt Mx		-.39	-.10	-.05	-.05	-.06	-.06	-.07	0.00	-1.12	-.96	-.47	-.25	-.09	-.08	-.14	-.08
Ust My		.34	.10	.04	.05	.05	.08	.06	0.00	.30	.28	1.53	1.52	.02	.02	.39	.39
Alt My		.33	.10	.05	.04	.06	.08	.05	0.00	.30	.28	1.53	1.51	.02	.02	.39	.39

FİRMA : BMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S413 N	10.15	2.25			Material:E1			0.00	12.64	10.92	-5.62	-8.05	1.04	.91	-1.36	-2.02
Ust Mx	-.29	-.08	-.04	-.04	-.05	-.05	-.05	0.00	-1.26	-1.09	-.41	-.16	-.10	-.09	-.12	-.05
Alt Mx	-.27	-.07	-.03	-.04	-.05	-.05	-.05	0.00	-1.27	-1.10	-.39	-.14	-.10	-.09	-.12	-.05
Ust My	.29	.09	.03	.05	.05	.04	.07	0.00	.27	.26	1.73	1.73	.02	.02	.47	.47
Alt My	.29	.08	.05	.03	.04	.05	.07	0.00	.25	.25	1.72	1.72	.02	.02	.47	.47
S313 N	12.75	2.87			Material:E1			0.00	17.95	15.47	-7.22	-10.74	1.48	1.28	-1.75	-2.71
Ust Mx	-.41	-.11	-.05	-.06	-.07	-.07	-.08	0.00	-2.39	-2.07	-.64	-.18	-.20	-.17	-.20	-.07
Alt Mx	-.38	-.11	-.05	-.05	-.06	-.06	-.08	0.00	-2.38	-2.06	-.60	-.14	-.20	-.17	-.19	-.06
Ust My	.30	.09	.05	.03	.04	.08	.06	0.00	.28	.29	2.06	2.08	.02	.02	.58	.58
Alt My	.26	.08	.03	.04	.05	.07	.04	0.00	.25	.26	2.03	2.05	.02	.02	.56	.57
S213 N	15.84	3.59			Material:E1			0.00	23.98	20.61	-9.69	-14.49	1.98	1.71	-2.38	-3.72
Ust Mx	-.36	-.10	-.05	-.05	-.06	-.07	-.08	0.00	-2.68	-2.31	-.62	-.10	-.22	-.19	-.20	-.05
Alt Mx	-.30	-.09	-.04	-.05	-.05	-.06	-.06	0.00	-2.64	-2.28	-.57	-.06	-.22	-.19	-.19	-.04
Ust My	.42	.13	.05	.07	.11	.08	.05	0.00	.42	.45	3.51	3.56	.03	.04	1.01	1.02
Alt My	.41	.12	.07	.04	.10	.06	.07	0.00	.36	.41	3.43	3.49	.03	.03	.98	1.00
S113 N	18.91	4.30			Material:E1			0.00	30.52	26.14	-12.90	-19.16	2.53	2.18	-3.24	-5.02
Ust Mx	-.37	-.11	-.05	-.06	-.07	-.08	-.07	0.00	-3.88	-3.35	-.78	-.01	-.33	-.29	-.26	-.03
Alt Mx	-.35	-.11	-.05	-.05	-.07	-.06	-.07	0.00	-3.92	-3.39	-.72	.06	-.33	-.29	-.25	-.01
Ust My	.45	.13	.09	.04	.08	.06	.11	0.00	.38	.44	3.64	3.72	.03	.04	1.07	1.10
Alt My	.41	.13	.05	.07	.05	.08	.10	0.00	.34	.41	3.69	3.79	.03	.03	1.09	1.12
SA13 N	22.05	5.03			Material:E1			0.00	36.36	31.07	-15.47	-23.07	3.04	2.61	-3.93	-6.12
Ust Mx	-.21	-.06	-.03	-.03	-.05	-.03	-.04	0.00	-1.96	-1.69	-.34	.06	-.17	-.15	-.12	0.00
Alt Mx	-.05	-.01	-.01	-.01	-.01	0.00	-.01	0.00	-.31	-.28	-.05	0.00	-.03	-.02	-.02	0.00
Ust My	.24	.07	.01	.06	0.00	.07	.06	0.00	.22	.26	1.97	2.04	.02	.02	.59	.61
Alt My	.04	.01	0.00	0.00	-.01	.02	0.00	0.00	.02	.03	.33	.34	0.00	0.00	.09	.09
SZ13 N	22.52	5.03			Material:E1			0.00	36.36	31.07	-15.47	-23.07	3.04	2.61	-3.93	-6.12
Ust Mx	.05	.01	.01	.01	.01	0.00	.01	0.00	.31	.28	.05	0.00	.03	.02	.02	0.00
Alt Mx	.02	0.00	0.00	0.00	.01	-.01	.01	0.00	-.91	-.78	-.05	.15	-.08	-.07	-.02	.04
Ust My	-.04	-.01	0.00	0.00	.01	-.02	0.00	0.00	-.02	-.03	-.33	-.34	0.00	0.00	-.09	-.09
Alt My	.01	.02	0.00	.02	.03	-.01	.02	0.00	-.01	.04	.86	.93	0.00	0.00	.26	.28
SB13 N	25.82	5.96			Material:E1			0.00	39.34	33.57	-16.69	-25.01	3.30	2.83	-4.27	-6.69
Ust Mx	-.01	-.01	-.01	0.00	0.00	-.02	0.00	0.00	-1.55	-1.32	-.22	.12	-.14	-.12	-.08	.02
Alt Mx	0.00	-.01	-.01	0.00	0.00	-.01	0.00	0.00	-1.42	-1.22	-.14	.16	-.13	-.11	-.06	.04
Ust My	.12	.09	0.00	.09	.09	0.00	.08	0.00	.13	.16	1.84	1.90	.01	.01	.57	.59
Alt My	.04	.04	0.00	.04	.04	0.00	.03	0.00	0.00	.09	2.29	2.43	0.00	.01	.71	.76
SÇ14 N	1.70	.62			Material:E1			0.00	-2.41	-2.35	1.22	1.33	-.21	-.21	.29	.33
Ust Mx	.41	.09	.05	.04	.05	.08	.04	0.00	-1.39	-1.57	.19	-.04	-.12	-.14	.05	-.01
Alt Mx	.35	.07	.05	.02	.05	.06	.03	0.00	-1.45	-1.63	.19	-.05	-.12	-.14	.05	-.01
Ust My	-.39	-.16	-.09	-.07	-.09	-.14	-.08	0.00	-.29	-.05	1.18	1.49	-.03	-.01	.29	.37
Alt My	-.45	-.17	-.13	-.04	-.14	-.16	-.05	0.00	-.29	-.07	1.03	1.32	-.03	-.01	.25	.33
S614 N	5.87	1.62			Material:E1			0.00	-4.10	-4.03	3.02	3.15	-.36	-.35	.76	.80
Ust Mx	.23	.06	.04	.02	.05	.03	.03	0.00	-.90	-1.04	.08	-.12	-.07	-.08	.03	-.02
Alt Mx	.23	.06	.03	.03	.04	.03	.04	0.00	-.89	-1.03	.09	-.11	-.07	-.08	.03	-.02
Ust My	-.46	-.16	-.10	-.06	-.15	-.11	-.07	0.00	-.17	-.04	.76	.95	-.02	0.00	.18	.24
Alt My	-.44	-.16	-.06	-.10	-.14	-.07	-.10	0.00	-.17	-.04	.75	.94	-.02	-.01	.18	.23
S514 N	11.91	2.67			Material:E1			0.00	-4.99	-4.83	4.96	5.22	-.43	-.41	1.27	1.35
Ust Mx	.72	.16	.07	.07	.08	.10	.11	0.00	-2.87	-3.31	.31	-.33	-.22	-.26	.11	-.07
Alt Mx	.66	.15	.09	.04	.07	.12	.08	0.00	-2.82	-3.26	.31	-.31	-.22	-.26	.11	-.06
Ust My	-.62	-.22	-.08	-.14	-.14	-.10	-.20	0.00	-.26	-.05	1.25	1.55	-.02	-.01	.32	.40
Alt My	-.60	-.21	-.13	-.08	-.09	-.15	-.19	0.00	-.26	-.06	1.24	1.53	-.02	-.01	.31	.39
S414 N	18.16	3.78			Material:E1			0.00	-6.63	-6.38	7.44	7.82	-.55	-.53	1.94	2.06
Ust Mx	.57	.12	.08	.03	.08	.11	.04	0.00	-2.64	-3.05	.31	-.27	-.21	-.24	.11	-.05
Alt Mx	.55	.12	.05	.06	.10	.08	.04	0.00	-2.58	-2.97	.32	-.24	-.20	-.23	.11	-.04
Ust My	-.58	-.20	-.13	-.07	-.08	-.20	-.13	0.00	-.25	-.05	1.32	1.61	-.02	-.01	.35	.43
Alt My	-.57	-.20	-.07	-.13	-.13	-.19	-.08	0.00	-.25	-.05	1.31	1.60	-.02	-.01	.34	.42
S314 N	25.19	5.04			Material:E1			0.00	-9.06	-8.77	10.36	10.79	-.75	-.72	2.75	2.88
Ust Mx	.96	.20	.08	.10	.18	.08	.10	0.00	-5.28	-6.07	.64	-.50	-.42	-.48	.23	-.09
Alt Mx	.73	.15	.10	.03	.11	.04	.12	0.00	-5.12	-5.88	.64	-.45	-.40	-.46	.23	-.08
Ust My	-.62	-.23	-.07	-.15	-.22	-.15	-.08	0.00	-.30	-.05	1.63	1.98	-.03	-.01	.44	.54
Alt My	-.52	-.20	-.13	-.07	-.20	-.07	-.13	0.00	-.30	-.06	1.57	1.91	-.03	-.01	.42	.52
S214 N	33.06	6.46			Material:E1			0.00	-11.84	-11.48	13.62	14.16	-.97	-.94	3.67	3.83
Ust Mx	.66	.12	.11	0.00	.02	.07	.12	0.00	-5.30	-6.08	.64	-.49	-.42	-.49	.24	-.09
Alt Mx	.74	.14	.06	.07	.04	.14	.08	0.00	-5.18	-5.94	.66	-.43	-.41	-.47	.24	-.08
Ust My	-.77	-.30	-.23	-.07	-.20	-.08	-.32	0.00	-.43	-.05	2.55	3.10	-.04	-.01	.72	.88
Alt My	-.76	-.28	-.10	-.18	-.09	-.18	-.29	0.00	-.43	-.06	2.54	3.07	-.04	-.01	.70	.86
S114 N	41.25	7.91			Material:E1			0.00	-14.14	-13.55	17.26	18.11	-1.17	-1.12	4.71	4.96
Ust Mx	.99	.17	.04	.11	.09	.23	-.01	0.00	-7.64	-8.79	.92	-.75	-.62	-.71	.35	-.15
Alt Mx	.50	.07	.08	-.03	.10	.07	-.06	0.00	-7.81	-8.96	1.02	-.64	-.63	-.73	.38	-.12
Ust My	-.75	-.28	-.05	-.23	-.06	-.31	-.19	0.00	-.37	.01	2.72	3.28	-.04	0.00	.79	.96
Alt My	-.61	-.24	-.16	-.09	-.15	-.26	-.08	0.00	-.40	0.00	2.86	3.44	-.04	-.01	.82	1.00
SA14 N	49.72	9.42			Material:E1			0.00	-16.10	-15.26	20.93	22.15	-1.33	-1.26	5.78	6.13
Ust Mx	-.05	-.05	.09	-.14	.10	-.11	-.10	0.00	-4.09	-4.73	.30	-.65	-.34	-.39	.13	-.15
Alt Mx	.03	.02	.01	.01	.06	-.04	.01	0.00	-1.22	-1.37	.19	-.03	-.09	-.11	.07	0.00
Ust My	-.06	-.11	-.23	.11	-.24	-.12	.13	0.00	-.29	.07	2.60	3.14	-.03	0.00	.77	.93
Alt My	.69	.15	.07	.08	-.01	.12	.19	0.00	-.13	-.01	.91	1.09	-.01	0.00	.25	.30
SZ14 N	50.81	9.42			Material:E1			0.00	-16.10	-15.26	20.93	22.15	-1.33	-1.26	5.78	6.13
Ust Mx	-.03	-.02	-.01	-.01	-.06	.04	-.01	0.00	1.22	1.37	-.19	.03	.09	.11	-.07	0.00
Alt Mx	-.17	-.07	.04	-.11	-.13	.07	-.08	0.00	-2.83	-3.24	.14	-.47	-.24	-.27	.07	-.12
Ust My	.82	.15	.08	.07	.20	.09	.01	0.00	.13	.01	-.91	-1.09	.01	0.00	-.25	-.30
Alt My	-.31	-.26	-.31	.05	.09	-.31	-.30	0.00	-.24	.08	2.60	3.09	-.03	0.00	.78	.93
SB14 N	59.36	11.57			Material:E1			0.00	-17.09	-16.13	22.85	24.24	-1.42	-1.34	6.36	6.76
Ust Mx	-.23	-.11	.07	-.19	-.17	.07	-.14	0.00	-2.20	-2.57	.29	-.26	-.19	-.22	.11	-.06
Alt Mx	-.13	-.05	.04	-.09	-.08	.03	-.06	0.00	-4.08	-4.68	.48	-.41	-.35	-.40	.19	-.09
Ust My	-1.11	-.50	-.53	.03	-.01	-.53	-.46	0.00	-.14	.01	1.23	1.46	-.01	0.00	.39	.46
Alt My	-.57	-.25	-.26	0.00	-.01	-.26	-.23	0.00	-.30	.09	3.74	4.33	-.03	0.00	1.16	1.34
SÇ15 N	1.66	.44			Material:E1			0.00	.62	.28	-1.64	-2.12	.05	.02	-.40	-.54
Ust Mx	.20	.07	.04	.02	.05	.05	.04	0.00	-1.27	-1.29	-.73	-.75	-.11	-.11	-.19	-.19
Alt Mx	.19	.07	.04	.03	.05	.04	.04	0.00	-1.27	-1.29	-.71	-.73	-.11	-.11	-.18	-.19
Ust My	.61	.17	.09	.07	.11	.14	.08	0.00	.14	.36	1.78	2.06	.01	.03	.44	.51
Alt My	.70	.19	.13	.05	.15	.15	.06	0.00	.19	.41	1.83	2.11	.01	.03	.45	.53
S615 N	9.40	2.52			Material:E1			0.00	.93	.46	-1.96	-2.63	.07	.03	-.51	-.70
Ust Mx	.18	.09	.05	.05	.05	.06	.07	0.00	-1.22	-1.29	-1.08	-1.17	-.10	-.10	-.28	-.31
Alt Mx	.18	.09	.06	.03	.04	.08	.06	0.00	-1.18	-1.25	-1.04	-1.13	-.09	-.10	-.27	-.30
Ust My	.65	.17	.11	.06	.16	.10	.08	0.00	.34	.53	2.02	2.29	.02	.04	.50	.57
Alt My	.63	.17	.06	.10	.14	.06	.12	0.00	.33	.52	2.01	2.29	.02	.04	.50	.57
S515 N	16.53	4.31			Material:E1			0.00	1.21	.83	-.96	-1.50	.09	.06	-.30	-.46
Ust Mx	.32	.15	.10	.05	.09	.15	.06	0.00	-2.42	-2.54	-2.08	-2.25	-.19	-.20	-.55	-.59
Alt Mx	.27	.13	.06	.07	.11	.11	.04	0.00	-2.39	-2.50	-2.02	-2.18	-.19	-.20	-.53	-.58
Ust My	1.30	.35	.12	.22	.17	.17	.33	0.00	.72	1.18	4.90	5.56	.05	.09	1.25	1.43
Alt My	1.24	.33	.21	.11	.11	.25	.28	0.00	.70	1.15	4.81	5.45	.05	.09	1.22	1.40
S415 N	23.91	6.19			Material:E1			0.00	1.04	.76	.35	-.05	.08	.06	.02	-.10
Ust Mx	.23	.11	.05	.06	.11	.05	.06	0.00	-2.27	-2.36	-1.85	-1.98	-.18	-.19	-.50	-.53
Alt Mx	.25	.11	.08	.03	.09	.04	.10	0.00	-2.25	-2.33	-1.76	-1.88	-.18	-.19	-.48	-.51
Ust My	1.10	.30	.20	.09	.13	.31	.14	0.00	.69	1.13	4.94	5.57	.05	.09	1.30	1.48
Alt My	1.06	.28	.09	.18	.21	.26	.08	0.00	.66	1.11	4.94	5.58	.05	.08	1.30	1.48
S315 N	31.92	8.28			Material:E1			0.00	.58	.43	2.18	1.97	.04	.03	.51	.45
Ust Mx	.23	.11	.10	.02	.03	.06	.13	0.00	-3.24	-3.35	-2.48	-2.63	-.26	-.27	-.68	-.72
Alt Mx	.07	.06	.02	.05	-.02	.09	.06	0.00	-3.29	-3.38	-2.37	-2.49	-.26	-.27	-.65	-.69
Ust My	1.09	.29	.08	.20	.30	.14	.12	0.00	.78	1.29	5.74	6.48	.06	.10	1.57	1.78
Alt My	1.03	.28	.19	.08	.25	.07	.21	0.00	.74	1.26	5.76	6.51	.05	.10	1.58	1.79
S215 N	39.91	10.36			Material:E1			0.00	-.28	-.32	4.03	3.99	-.02	-.03	1.05	1.03
Ust Mx	.11	.06	.02	.05	.04	.11	-.01	0.00	-2.69	-2.75	-1.91	-2.00	-.22	-.22	-.54	-.56
Alt Mx	.32	.12	.10	.03	.13	.11	.01	0.00	-2.61	-2.65	-1.63	-1.69	-.21	-.21	-.46	-.48
Ust My	.74	.19	.16	.03	.07	.07	.23	0.00	.70	1.17	5.22	5.90	.05	.09	1.48	1.68
Alt My	.57	.15	.03	.11	-.01	.13	.16	0.00	.61	1.07	5.03	5.69	.04	.08	1.42	1.62

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SA15 N	59.13	15.33		Material:E1				0.00	-4.66	-4.12	10.28	11.07	-.40	-.35	2.95	3.20
Ust Mx	-.91	-.26	-.26	.01	-.29	-.27	.05	0.00	-2.35	-2.41	-1.75	-1.83	-.20	-.21	-.50	-.53
Alt Mx	0.00	0.00	-.01	.01	-.06	-.01	.08	0.00	-1.00	-.98	-.12	-.09	-.08	-.08	-.04	-.03
Ust My	.38	.05	.31	-.26	.35	-.02	-.24	0.00	.96	1.71	7.91	9.00	.07	.13	2.35	2.68
Alt My	-.07	-.02	-.03	.01	.15	-.11	-.08	0.00	.03	.16	1.12	1.29	0.00	.01	.30	.35
SZ15 N	60.22	15.33		Material:E1				0.00	-4.66	-4.12	10.28	11.07	-.40	-.35	2.95	3.20
Ust Mx	0.00	0.00	.01	-.01	.06	.01	-.08	0.00	1.00	.98	.12	.09	.08	.08	.04	.03
Alt Mx	-.53	-.14	-.13	-.02	.02	-.11	-.20	0.00	-2.68	-2.64	-.48	-.42	-.23	-.23	-.15	-.13
Ust My	.07	.02	.03	-.01	-.15	.11	.08	0.00	-.03	-.16	-1.12	-1.29	0.00	-.01	-.30	-.35
Alt My	.38	.06	.25	-.20	-.26	.30	.08	0.00	.06	.50	4.29	4.94	0.00	.04	1.31	1.51
SB15 N	70.47	19.29		Material:E1				0.00	-6.14	-5.41	12.41	13.52	-.54	-.47	3.64	3.99
Ust Mx	-.92	-.26	-.23	-.02	-.02	-.21	-.29	0.00	-1.40	-1.44	-1.18	-1.23	-.13	-.13	-.34	-.35
Alt Mx	-.43	-.12	-.10	-.01	-.01	-.09	-.13	0.00	-4.01	-3.92	-.50	-.36	-.35	-.35	-.15	-.11
Ust My	.66	.12	.45	-.33	-.29	.44	.07	0.00	.53	.95	5.03	5.66	.04	.08	1.56	1.76
Alt My	.28	.04	.21	-.17	-.15	.20	.02	0.00	-.01	.55	5.99	6.84	-.01	.04	1.85	2.12
SC16 N	4.15	1.21		Material:E1				0.00	-1.91	-1.70	-.36	-.08	-.16	-.15	-.10	-.02
Ust Mx	-.23	-.07	-.03	-.03	-.05	-.03	-.05	0.00	-1.31	-1.16	-.31	-.13	-.12	-.11	-.08	-.04
Alt Mx	-.13	-.04	-.02	-.02	-.03	-.02	-.04	0.00	-1.13	-1.01	-.21	-.07	-.11	-.10	-.05	-.02
Ust My	.85	.26	.13	.13	.16	.17	.18	0.00	.25	.37	1.30	1.45	.02	.03	.33	.36
Alt My	.73	.22	.09	.13	.12	.15	.16	0.00	.15	.25	1.08	1.19	.01	.02	.27	.30
S616 N	1.56	.35		Material:E1				0.00	.36	.29	-.52	-.60	.03	.02	-.15	-.15
Ust Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.03	0.00	-.01	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	-.02	.01	-.01	0.00	0.00	0.00	0.00
Ust My	.57	.18	.07	.11	.08	.14	.13	0.00	.16	.19	1.18	1.23	.01	.02	.30	.31
Alt My	.49	.15	.09	.06	.09	.13	.08	0.00	.17	.17	1.01	1.02	.01	.01	.25	.26
S516 N	3.51	.71		Material:E1				0.00	2.09	1.74	-1.33	-1.80	.16	.14	-.37	-.45
Ust Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.05	-.07	0.00	-.02	0.00	-.01	0.00	0.00
Alt Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.06	-.08	.01	-.01	0.00	-.01	.01	0.00
Ust My	.48	.15	.10	.05	.12	.11	.06	0.00	.23	.22	1.28	1.26	.02	.02	.34	.33
Alt My	.49	.15	.06	.09	.13	.08	.09	0.00	.22	.21	1.26	1.25	.02	.02	.33	.32
S416 N	5.01	.98		Material:E1				0.00	5.11	4.29	-1.91	-3.07	.40	.33	-.50	-.75
Ust Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.06	-.08	0.00	-.02	0.00	-.01	0.00	0.00
Alt Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.12	-.13	0.00	-.01	-.01	-.01	0.00	0.00
Ust My	.45	.14	.05	.09	.10	.06	.12	0.00	.23	.23	1.42	1.42	.02	.02	.39	.39
Alt My	.41	.13	.08	.05	.06	.08	.12	0.00	.21	.22	1.38	1.39	.02	.02	.37	.37
S316 N	9.13	1.73		Material:E1				0.00	12.29	10.32	-3.58	-6.35	.95	.80	-.88	-1.56
Ust Mx	-.02	-.01	0.00	0.00	0.00	0.00	0.00	0.00	-.07	-.11	.03	-.04	-.01	-.01	.01	-.01
Alt Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.36	-.37	.02	0.00	-.03	-.03	.01	0.00
Ust My	.65	.23	.16	.07	.08	.20	.16	0.00	.43	.46	2.68	2.71	.04	.04	.76	.77
Alt My	.58	.21	.07	.13	.11	.20	.09	0.00	.37	.41	2.69	2.74	.03	.03	.74	.76
S216 N	12.82	2.40		Material:E1				0.00	21.16	17.82	-5.21	-9.88	1.67	1.41	-1.22	-2.44
Ust Mx	-.03	-.01	0.00	0.00	-.01	-.01	0.00	0.00	-.03	-.10	.02	-.08	0.00	-.01	.01	-.02
Alt Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.58	-.58	.02	.01	-.04	-.04	0.00	0.00
Ust My	.75	.27	.08	.19	.24	.21	.08	0.00	.60	.65	3.72	3.79	.05	.05	1.09	1.11
Alt My	.74	.26	.17	.08	.25	.12	.14	0.00	.49	.57	3.89	4.01	.04	.05	1.11	1.15
S116 N	17.21	3.17		Material:E1				0.00	33.77	28.51	-7.07	-14.51	2.73	2.32	-1.56	-3.63
Ust Mx	-.03	-.01	-.01	0.00	-.01	-.01	-.01	0.00	-.04	-.13	0.00	-.13	-.01	-.01	0.00	-.03
Alt Mx	-.02	-.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.12	-1.09	-.10	-.04	-.09	-.09	-.03	-.02
Ust My	.71	.27	.21	.05	.20	.09	.24	0.00	.63	.75	4.23	4.40	.05	.06	1.27	1.33
Alt My	.58	.25	.10	.14	.11	.15	.23	0.00	.52	.72	4.78	5.07	.04	.06	1.41	1.50
SA16 N	21.80	4.00		Material:E1				0.00	48.12	40.58	-10.04	-20.85	3.99	3.38	-2.21	-5.33
Ust Mx	-.03	-.01	0.00	-.01	0.00	-.01	-.01	0.00	.31	.16	.19	-.02	.02	.01	.07	.01
Alt Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.50	-1.44	.06	.16	-.13	-.12	.01	.04
Ust My	.37	.20	-.02	.21	-.02	.22	.19	0.00	.78	.75	3.88	3.84	.06	.06	1.19	1.18
Alt My	-.09	-.01	0.00	-.01	-.06	.05	0.00	0.00	.29	-.01	1.16	.72	.03	0.00	.35	.21
SZ16 N	25.35	4.38		Material:E1				0.00	68.61	58.03	-11.82	-27.18	5.82	4.94	-2.47	-7.02
Ust Mx	0.00	-.01	0.00	-.01	-.01	0.00	0.00	0.00	.87	.65	.10	-.22	.06	.05	.05	-.04
Alt Mx	-.01	-.01	0.00	-.01	-.01	0.00	0.00	0.00	-2.93	-2.66	.18	.58	-.25	-.23	.03	.16
Ust My	-.08	.01	0.00	.01	.07	-.05	0.00	0.00	.29	-.14	-.78	-1.40	.03	-.01	-.18	-.37
Alt My	.18	.14	-.02	.15	.18	-.03	.13	0.00	.14	.23	3.19	3.32	.01	.02	.98	1.02
SB16 N	28.19	4.99		Material:E1				0.00	81.09	68.44	-12.79	-31.32	6.99	5.93	-2.61	-8.20
Ust Mx	-.01	-.01	0.00	-.01	-.01	0.00	-.01	0.00	2.12	1.80	-.12	-.59	.18	.15	-.01	-.15
Alt Mx	0.00	0.00	0.00	-.01	-.01	0.00	0.00	0.00	-3.90	-3.38	-.27	.51	-.35	-.30	-.12	.12
Ust My	.45	.27	-.02	.29	.28	.01	.24	0.00	.40	.40	1.84	1.85	.03	.03	.60	.60
Alt My	.17	.11	-.02	.12	.12	-.01	.10	0.00	-.13	.31	5.14	5.79	-.02	.02	1.59	1.80
S617 N	2.71	.71		Material:E1				0.00	-.46	-.40	.74	.83	-.04	-.03	.18	.21
Ust Mx	-.10	-.02	-.01	-.02	-.01	-.02	-.02	0.00	-.93	-1.08	.13	-.08	-.07	-.09	.04	-.01
Alt Mx	-.10	-.02	0.00	-.02	-.01	-.01	-.02	0.00	-.90	-1.04	.12	-.08	-.07	-.08	.04	-.02
Ust My	-.02	-.06	-.03	-.03	-.05	-.05	-.03	0.00	-.35	.02	1.35	1.87	-.03	0.00	.31	.46
Alt My	-.02	-.05	-.02	-.04	-.04	-.03	-.04	0.00	-.34	.02	1.32	1.84	-.03	0.00	.31	.45
S517 N	6.77	1.44		Material:E1				0.00	-1.63	-1.44	2.05	2.32	-.14	-.12	.51	.58
Ust Mx	-.09	-.01	0.00	-.01	0.00	-.01	-.01	0.00	-.87	-1.01	.10	-.10	-.07	-.08	.04	-.02
Alt Mx	-.08	0.00	0.00	-.01	0.00	-.01	-.01	0.00	-.87	-1.01	.10	-.11	-.07	-.08	.03	-.02
Ust My	-.02	-.05	-.02	-.04	-.03	-.03	-.05	0.00	-.31	.05	1.42	1.94	-.03	0.00	.35	.49
Alt My	-.02	-.05	-.03	-.03	-.02	-.04	-.05	0.00	-.31	.05	1.42	1.94	-.03	0.00	.34	.49
S417 N	10.54	2.09		Material:E1				0.00	-2.88	-2.57	3.51	3.96	-.24	-.21	.88	1.00
Ust Mx	-.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.87	-1.01	.08	-.13	-.07	-.08	.03	-.03
Alt Mx	-.04	0.00	.01	-.01	0.00	0.00	0.00	0.00	-.88	-1.02	.07	-.14	-.07	-.08	.03	-.03
Ust My	-.01	-.05	-.03	-.02	-.02	-.05	-.03	0.00	-.27	.09	1.51	2.02	-.03	0.00	.38	.53
Alt My	-.01	-.04	-.01	-.04	-.03	-.05	-.02	0.00	-.27	.09	1.50	2.01	-.03	0.00	.38	.52
S317 N	14.05	2.68		Material:E1				0.00	-4.12	-3.76	4.79	5.30	-.34	-.31	1.22	1.36
Ust Mx	-.03	.01	.01	0.00	0.00	0.00	0.00	0.00	-.84	-.98	.05	-.16	-.07	-.08	.02	-.04
Alt Mx	-.03	.01	0.00	0.00	0.00	0.00	0.00	0.00	-.83	-.97	.05	-.15	-.07	-.08	.02	-.04
Ust My	0.00	-.04	-.01	-.03	-.04	-.03	-.02	0.00	-.22	.13	1.51	2.01	-.02	.01	.40	.54
Alt My	.01	-.04	-.02	-.02	-.04	-.02	-.03	0.00	-.22	.13	1.52	2.03	-.02	.01	.40	.55
S217 N	17.29	3.21		Material:E1				0.00	-5.94	-5.38	7.21	8.01	-.49	-.44	1.90	2.12
Ust Mx	-.06	.01	0.00	0.00	.01	0.00	-.01	0.00	-1.44	-1.69	.05	-.30	-.11	-.13	.03	-.07
Alt Mx	-.06	.01	.01	0.00	.01	0.00	0.00	0.00	-1.43	-1.67	.05	-.29	-.11	-.13	.03	-.07
Ust My	.02	-.04	-.03	-.02	-.02	-.02	-.05	0.00	-.21	.20	1.85	2.45	-.02	.01	.51	.68
Alt My	.02	-.04	-.01	-.03	-.01	-.03	-.04	0.00	-.22	.20	1.88	2.48	-.02	.01	.51	.69
S117 N	20.36	3.70		Material:E1				0.00	-8.85	-7.99	10.86	12.11	-.73	-.66	2.95	3.31
Ust Mx	-.03	.02	.02	-.01	.01	.01	.01	0.00	-2.08	-2.45	.03	-.50	-.17	-.20	.03	-.12
Alt Mx	.02	.03	.02	.01	.01	.02	.01	0.00	-2.13	-2.49	.04	-.48	-.17	-.20	.04	-.12
Ust My	.04	-.03	0.00	-.04	-.01	-.04	-.02	0.00	-.19	.26	2.12	2.78	-.02	.02	.60	.80
Alt My	.04	-.03	-.02	-.02	-.03	-.03	-.01	0.00	-.20	.26	2.14	2.80	-.02	.02	.61	.80
SA17 N	23.24	4.12		Material:E1				0.00	-11.40	-10.36	13.82	15.32	-.95	-.86	3.82	4.26
Ust Mx	.06	.03	.01	.01	.01	.02	.01	0.00	-1.04	-1.23	-.04	-.32	-.08	-.10	0.00	-.08
Alt Mx	.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.21	-.24	.01	-.03	-.02	-.02	.01	-.01
Ust My	.03	-.01	-.02	0.00	-.03	-.01	.01	0.00	-.07	.16	1.13	1.47	-.01	.01	.33	.43
Alt My	.01	0.00	0.00	0.00	-.01	.01	.01	0.00	-.02	.01	.13	.18	0.00	0.00	.03	.05
SZ17 N	23.61	4.12		Material:E1				0.00	-11.40	-10.36	13.82	15.32	-.95	-.86	3.82	4.26
Ust Mx	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.21	.24	-.01	.03	.02	.02	-.01	.01
Alt Mx	-.01	.01	.01	.01	.01	.01	.01	0.00	-.46	-.53	0.00	-.12	-.04	-.05	.01	-.03
Ust My	-.01	0.00	0.00	0.00	.01	-.01	-.01	0.00	.02	-.01	-.13	-.18	0.00	0.00	-.03	-.05
Alt My	-.02	-.02	-.02	0.00	.01	-.03	-.02	0.00	-.03	.06	.50	.63	0.00	0.00	.15	.19
SB17 N	26.94	4.93		Material:E1				0.00	-12.34	-11.23	15.20	16.81	-1.03	-.94	4.26	4.73
Ust Mx	0.00	.03	.01	.01	.01	.01	.02	0.00	-.56	-.67	-.01	-.17	-.05	-.06	.01	-.04
Alt Mx	0.00	.01	.01	0.00	.01	.01	.01	0.00	-.66	-.77	.04	-.12	-.06	-.07	.02	-.03
Ust My	-.03	-.03	-.04	.01	.01	-.04	-.03	0.00	-.03	.10	.71	.90	0.00	.01	.22	.28
Alt My	-.02	-.02	-.02	0.00	0.00	-.02	-.02	0.00	-.06	.07	.77	.96	-.01	0.00	.23	.29
S618 N	4.60	1.32		Material:E1				0.00	-2.70	-2.28	1.32	1.93	-.22	-.19	.30	.47
Ust Mx	-.04	-.01	0.00	-.01	0.00	-.01	-.01	0.00	-.31	-.36	.04	-.02	-.02	-.03	.01	0.00
Alt Mx	-.04	-.01	0.00	-.01	0.00	-.01	-.01	0.00	-.25	-.29	.03	-.02	-.02	-.02	.01	0.00
Ust My	.20	.02	.02	-.01	.03	-.01	0.00	0.00	-.71	-.27	1.64	2.27	-.06	-.03	.38	.56
Alt My	.20	.02	0.00	.01	.02	-.01	.02	0.00	-.71	-.27	1.64	2.27	-.06	-.03	.38	.56

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S418	N	16.58	3.75			Material:E1			0.00	-8.80	-7.34	5.67	7.77	-.73	-.61	1.37	1.96
Ust	Mx	.04	.02	.01	.01	.01	.01	.02	0.00	-.51	-.60	.04	-.08	-.04	-.05	.02	-.02
Alt	Mx	.05	.02	.01	0.00	.01	.02	.01	0.00	-.55	-.64	.05	-.08	-.04	-.05	.02	-.02
Ust	My	.21	.02	.02	-.01	0.00	.03	-.02	0.00	-.96	-.31	2.79	3.73	-.09	-.03	.71	.97
Alt	My	.20	.01	-.01	.01	.02	.02	-.03	0.00	-.96	-.31	2.81	3.74	-.09	-.03	.71	.98
S318	N	23.06	5.11			Material:E1			0.00	-12.07	-10.03	8.25	11.18	-1.00	-.84	2.05	2.87
Ust	Mx	.01	.01	.01	0.00	0.00	.01	0.00	0.00	-.46	-.55	.03	-.09	-.04	-.04	.01	-.02
Alt	Mx	-.04	0.00	0.00	0.00	0.00	0.00	-.01	0.00	-.46	-.53	.03	-.07	-.04	-.04	.01	- 02
Ust	My	.19	.01	-.01	.01	.03	-.02	0.00	0.00	-.86	-.25	2.70	3.58	-.08	-.03	.71	.96
Alt	My	.19	.02	.02	-.01	.02	-.02	.02	0.00	-.82	-.23	2.62	3.46	-.07	-.03	.69	.93
S218	N	30.17	6.55			Material:E1			0.00	-15.41	-12.85	10.55	14.23	-1.28	-1.08	2.67	3.71
Ust	Mx	-.17	-.02	-.02	-.01	0.00	-.03	-.03	0.00	-.63	-.75	.02	-.15	-.05	-.06	.01	-.03
Alt	Mx	-.11	-.01	0.00	-.01	0.00	-.03	0.00	0.00	-.69	-.79	.03	-.10	-.05	-.06	.02	-.02
Ust	My	.59	.05	.08	-.05	-.05	-.01	.12	0.00	-2.51	-.59	8.73	11.51	-.23	-.07	2.39	3.20
Alt	My	.47	.03	-.02	.03	-.09	.05	.05	0.00	-2.38	-.54	8.44	11.10	-.22	-.07	2.31	3.09
S118	N	37.53	8.05			Material:E1			0.00	-18.41	-15.45	12.26	16.51	-1.54	-1.30	3.15	4.36
Ust	Mx	-.21	-.03	-.01	-.03	-.04	-.04	0.00	0.00	-.42	-.51	-.01	-.14	-.03	-.04	.01	-.04
Alt	Mx	-.32	-.06	-.03	-.03	-.06	-.03	-.03	0.00	-.86	-.94	.04	-.08	-.07	-.08	.02	-.02
Ust	My	.31	-.01	-.06	.03	-.06	.09	-.08	0.00	-2.11	-.32	8.49	11.09	-.20	-.05	2.41	3.19
Alt	My	.28	-.01	.03	-.06	.02	.03	-.11	0.00	-2.10	-.29	8.64	11.27	-.20	-.05	2.45	3.24
SA18	N	45.02	9.60			Material:E1			0.00	-20.99	-17.63	13.96	18.80	-1.75	-1.48	3.64	5.03
Ust	Mx	-.59	-.12	-.08	-.05	-.11	-.04	-.10	0.00	-.09	-.18	-.05	-.18	-.01	-.02	-.01	-.05
Alt	Mx	-.21	-.06	-.03	-.03	-.04	-.02	-.05	0.00	-.82	-.85	.06	.03	-.07	-.07	.02	.01
Ust	My	.20	-.01	.10	-.12	.13	-.06	-.11	0.00	-1.27	-.11	5.77	7.48	-.12	-.02	1.67	2.18
Alt	My	0.00	0.00	-.02	.02	.08	-.06	-.01	0.00	-.21	-.04	.73	.97	-.02	-.01	.18	.25
SZ18	N	45.96	9.60			Material:E1			0.00	-20.99	-17.63	13.96	18.80	-1.75	-1.48	3.64	5.03
Ust	Mx	.21	.06	.03	.03	.04	.02	.05	0.00	.82	.85	-.06	-.03	.07	.07	-.02	-.01
Alt	Mx	.32	.14	.06	.08	.09	.06	.14	0.00	-1.30	-1.36	.04	-.04	-.11	-.11	.02	-.01
Ust	My	0.00	0.00	.02	-.02	-.08	.06	.01	0.00	.21	.04	-.73	-.97	.02	.01	-.18	-.25
Alt	My	.07	-.02	.10	-.12	-.14	.12	-.02	0.00	-.36	.09	2.59	3.26	-.04	0.00	.78	.99
SB18	N	53.82	12.51			Material:E1			0.00	-22.12	-18.49	15.26	20.49	-1.85	-1.56	4.03	5.54
Ust	Mx	.35	.16	.06	.10	.09	.07	.16	0.00	.79	.75	-.05	-.10	.06	.06	-.01	-.03
Alt	Mx	.15	.08	.03	.04	.04	.03	.08	0.00	-2.18	-2.24	.09	-.01	-.19	-.20	.03	0.00
Ust	My	.25	-.03	.28	-.32	-.30	.29	-.08	0.00	-1.02	-.05	5.36	6.80	-.10	-.02	1.63	2.08
Alt	My	.09	-.03	.13	-.17	-.15	.13	-.05	0.00	-.88	.18	6.25	7.83	-.09	0.00	1.90	2.39
S619	N	.72	.14			Material:E1			0.00	-.82	-.77	-.21	-.14	-.07	-.06	-.04	-.04
Ust	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.02	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	.01	0.00	0.00	0.00	0.00	0.00
Ust	My	.30	.08	.03	.05	.03	.07	.06	0.00	-.25	-.06	.53	.80	-.02	-.01	.12	.19
Alt	My	.26	.07	.04	.03	.04	.06	.04	0.00	-.23	-.06	.43	.68	-.02	-.01	.09	.16
S519	N	1.71	.31			Material:E1			0.00	-2.30	-2.14	-.64	-.42	-.18	-.17	-.14	-.12
Ust	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.03	0.00	-.01	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.03	.01	0.00	0.00	0.00	0.00	0.00
Ust	My	.20	.05	.03	.02	.04	.04	.02	0.00	-.21	-.04	.42	.66	-.02	-.01	.10	.17
Alt	My	.21	.05	.02	.03	.05	.02	.03	0.00	-.21	-.05	.42	.65	-.02	-.01	.10	.16
S419	N	2.66	.47			Material:E1			0.00	-4.74	-4.31	-1.24	-.65	-.37	-.34	-.32	-.20
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.03	0.00	-.01	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.05	0.00	0.00	0.00	0.00	0.00	0.00
Ust	My	.20	.05	.02	.03	.03	.02	.05	0.00	-.21	-.04	.49	.74	-.02	-.01	.12	.19
Alt	My	.19	.05	.03	.02	.02	.03	.05	0.00	-.22	-.05	.48	.72	-.02	-.01	.12	.18
S319	N	4.47	.78			Material:E1			0.00	-9.66	-8.71	-2.34	-1.02	-.75	-.68	-.64	-.34
Ust	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.03	.01	-.01	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.13	-.13	.01	.01	-.01	-.01	0.00	0.00
Ust	My	.20	.05	.03	.02	.02	.05	.04	0.00	-.26	-.06	.61	.91	-.02	-.01	.16	.25
Alt	My	.18	.05	.02	.03	.03	.05	.02	0.00	-.28	-.07	.64	.95	-.03	-.01	.16	.25
S219	N	6.58	1.12			Material:E1			0.00	-16.71	-15.00	-3.81	-1.43	-1.32	-1.19	-1.12	-.51
Ust	Mx	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	-.03	0.00	-.03	0.00	0.00	0.00	-.01
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.32	-.31	0.00	.02	-.03	-.02	0.00	0.00
Ust	My	.17	.05	.01	.03	.05	.03	.01	0.00	-.30	-.06	.73	1.08	-.03	-.01	.20	.30
Alt	My	.16	.05	.03	.01	.05	.02	.03	0.00	-.32	-.07	.77	1.13	-.03	-.01	.20	.31
S119	N	9.66	1.62			Material:E1			0.00	-28.02	-25.09	-6.31	-2.18	-2.26	-2.03	-1.95	-.81
Ust	Mx	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	0.00	-.05	0.00	0.00	0.00	-.01
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.49	-.46	-.05	-.01	-.04	-.04	-.02	-.01
Ust	My	.24	.08	.06	.01	.05	.02	.08	0.00	-.51	-.08	1.42	2.04	-.05	-.01	.40	.59
Alt	My	.22	.07	.03	.04	.03	.04	.08	0.00	-.53	-.08	1.56	2.21	-.05	-.01	.43	.63
SA19	N	12.86	2.12			Material:E1			0.00	-41.34	-36.88	-8.45	-2.05	-3.41	-3.05	-2.72	-.87
Ust	Mx	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.16	.10	.09	.01	.01	.01	.03	.01
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.72	-.68	.02	.09	-.06	-.06	0.00	.02
Ust	My	.18	.06	-.02	.08	-.02	.08	.07	0.00	-.50	-.02	1.39	2.11	-.05	-.01	.39	.61
Alt	My	-.02	-.01	0.00	-.01	-.03	.02	-.01	0.00	-.28	.03	.30	.76	-.03	0.00	.06	.20
SZ19	N	13.94	2.21			Material:E1			0.00	-51.46	-45.55	-8.17	.43	-4.33	-3.84	-2.75	-.20
Ust	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.27	.21	.03	-.06	.02	.02	.01	-.01
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.95	-.85	.06	.20	-.08	-.07	.01	.05
Ust	My	.02	.02	0.00	.02	.04	-.02	.02	0.00	-.07	.05	-.24	-.07	-.01	0.00	-.07	-.02
Alt	My	.13	.06	-.01	.07	.08	-.02	.06	0.00	-.25	.06	.98	1.44	-.03	0.00	.28	.42
SB19	N	17.62	2.90			Material:E1			0.00	-68.15	-60.05	-10.38	1.51	-5.82	-5.14	-3.58	.02
Ust	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	.93	-.06	-.30	.09	.08	-.01	-.08
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	-1.71	-.14	.26	-.18	-.15	-.06	.06
Ust	My	.30	.14	-.01	.15	.15	-.01	.13	0.00	-.25	-.05	.76	1.06	-.02	-.01	.23	.33
Alt	My	.13	.06	-.01	.07	.06	-.01	.06	0.00	-.30	.07	2.01	2.56	-.03	0.00	.61	.78

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

PERDE-KIRIS STATÝK HESAP SONUÇLARI

Kolon	GGGGGG	OOOOOO	O_O_O_	_O_O_O	OO_OO_	_OO_OO	O_OO_O	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
PKB03 N	149.88	25.16			Material:E1			0.00	79.01	79.09	83.53	83.74	6.55	6.56	23.92	24.05
Ust Mx	5.76	-1.20	-.94	-.59	-.95	-1.38	-.72	0.00	507.64	574.02	-35.17	61.62	40.99	46.49	-14.32	14.42
Alt Mx	-5.29	.71	.90	.10	.41	.41	1.18	0.00	-741.90	-848.69	97.93	-61.04	-62.56	-71.92	36.76	-12.90
Ust My	-.27	-.22	-.37	.16	.10	-.35	-.17	0.00	.06	-.21	2.13	1.72	.01	-.02	.73	.60
Alt My	-.25	-.14	-.20	.06	.03	-.19	-.11	0.00	.33	-.57	8.81	7.47	.04	-.04	2.85	2.43
PKB10 N	138.45	23.63			Material:E1			0.00	-57.24	-58.01	-71.96	-72.99	-4.73	-4.79	-20.29	-20.54
Ust Mx	-4.57	-2.05	-.75	-1.20	-1.08	-1.00	-1.83	0.00	518.84	450.55	-17.03	-116.47	43.69	38.05	-.05	-29.50
Alt Mx	2.65	.76	.88	-.19	-.14	.30	1.22	0.00	-762.81	-655.12	-42.79	117.29	-67.53	-58.11	-21.42	28.45
Ust My	.95	.49	-.05	.53	.51	-.01	.46	0.00	-.19	.24	3.22	3.87	-.02	.02	1.01	1.22
Alt My	.41	.21	-.03	.24	.23	-.02	.21	0.00	-.69	.39	8.08	9.69	-.08	.02	2.48	2.99
PKZ03 N	139.28	23.86			Material:E1			0.00	65.06	63.67	79.04	77.09	5.36	5.25	22.55	22.01
Ust Mx	6.70	-1.27	-1.21	-.37	-.62	-2.09	-.46	0.00	380.02	424.24	-64.34	-1.39	29.75	33.23	-21.74	-3.95
Alt Mx	-5.74	.96	.94	.30	.54	1.05	.88	0.00	-615.89	-700.82	43.85	-81.14	-50.53	-57.71	18.34	-19.56
Ust My	-1.53	-.58	-.02	-.56	-.36	-.12	-.66	0.00	.11	-.63	7.13	6.02	.02	-.04	2.29	1.94
Alt My	-1.07	-.49	-.29	-.18	-.13	-.34	-.48	0.00	.18	-.94	10.77	9.10	.03	-.06	3.39	2.87
PKZ14 N	128.17	21.22			Material:E1			0.00	-58.47	-58.65	-67.33	-67.54	-4.80	-4.81	-18.83	-18.86
Ust Mx	-2.82	-1.99	-.94	-1.03	-1.29	-1.25	-1.38	0.00	398.69	349.56	11.05	-59.00	32.42	28.53	7.34	-12.53
Alt Mx	-1.36	.48	.49	-.02	-.21	.36	.80	0.00	-641.04	-554.20	9.36	137.01	-55.04	-47.70	-3.72	34.91
Ust My	-.09	.02	.01	.01	.13	-.10	.01	0.00	.19	-.03	-2.47	-2.78	.02	0.00	-.68	-.77
Alt My	.63	.35	-.04	.39	.43	-.08	.33	0.00	-.68	.44	6.83	8.48	-.07	.02	2.03	2.54
PKA03 N	128.13	22.10			Material:E1			0.00	57.52	55.90	70.09	67.77	4.70	4.57	19.77	19.10
Ust Mx	4.17	-2.27	-1.29	-1.24	-2.01	-1.28	-1.77	0.00	305.88	339.18	-88.16	-42.31	23.48	26.00	-27.49	-15.13
Alt Mx	-2.09	2.13	1.28	1.02	1.16	2.17	1.26	0.00	-526.37	-593.78	65.20	-32.65	-42.20	-47.73	23.83	-5.02
Ust My	-1.72	-.77	-.66	-.08	-.84	-.46	-.19	0.00	.05	-1.12	10.57	8.85	.02	-.08	3.33	2.80
Alt My	-2.03	-.77	-.21	-.54	-.74	-.21	-.54	0.00	.12	-1.34	12.71	10.58	.03	-.09	3.95	3.30
PKA10 N	124.13	21.68			Material:E1			0.00	-48.09	-49.87	-68.82	-71.39	-3.89	-4.04	-19.13	-19.87
Ust Mx	-8.51	-3.19	-.95	-2.17	-1.63	-1.85	-2.76	0.00	304.13	267.33	30.91	-20.01	24.12	21.30	11.91	-1.94
Alt Mx	4.47	1.90	1.07	.79	1.12	1.27	1.34	0.00	-526.38	-458.42	-5.59	92.97	-44.00	-38.43	-7.30	21.71
Ust My	.76	.34	-.06	.38	-.08	.40	.33	0.00	-.49	.66	6.95	8.65	-.06	.04	2.05	2.56
Alt My	-.10	-.02	-.01	-.01	-.14	.10	-.01	0.00	-.41	.10	2.03	2.76	-.04	0.00	.53	.75
PK103 N	115.38	20.13			Material:E1			0.00	48.59	46.94	59.51	57.12	3.94	3.80	16.54	15.84
Ust Mx	4.04	-2.51	-1.64	-1.16	-2.75	-1.70	-1.14	0.00	219.49	242.80	-46.77	-15.47	16.04	17.66	-13.24	-6.04
Alt Mx	-.19	2.70	1.43	1.39	1.84	1.72	2.08	0.00	-442.10	-495.68	96.98	20.96	-34.86	-39.14	31.96	10.09
Ust My	-2.13	-.89	-.13	-.72	-.25	-.94	-.52	0.00	.19	-1.28	11.86	9.71	.04	-.09	3.71	3.06
Alt My	-1.82	-.79	-.56	-.20	-.54	-.79	-.20	0.00	.19	-1.51	13.26	10.80	.04	-.10	4.07	3.33
PK110 N	111.93	19.74			Material:E1			0.00	-40.70	-42.31	-58.96	-61.30	-3.26	-3.39	-16.11	-16.81
Ust Mx	-9.51	-3.45	-1.98	-1.41	-2.52	-1.63	-2.64	0.00	209.83	184.42	-2.55	-36.90	15.71	13.91	-.02	-8.14
Alt Mx	1.38	.89	.28	.62	.61	.26	.94	0.00	-442.64	-386.92	-39.41	39.73	-36.32	-31.86	-16.27	6.54
Ust My	1.90	.66	.55	.10	.50	.17	.61	0.00	-1.07	.71	10.91	13.50	-.11	.04	3.18	3.96
Alt My	1.57	.61	.21	.38	.23	.37	.59	0.00	-1.37	.63	12.48	15.39	-.14	.03	3.57	4.44
PK203 N	102.36	18.15			Material:E1			0.00	36.58	34.68	50.00	47.26	2.96	2.80	13.69	12.89
Ust Mx	7.67	-1.95	-1.32	-.96	-1.64	-1.86	-1.06	0.00	149.68	166.00	-41.71	-19.71	10.69	11.79	-10.85	-6.63
Alt Mx	.50	3.14	1.78	1.47	2.96	1.80	1.74	0.00	-364.96	-408.26	66.41	6.16	-27.83	-31.11	20.83	4.72
Ust My	-3.00	-1.15	-.85	-.26	-.66	-.41	-1.15	0.00	.30	-1.40	13.56	11.10	.05	-.09	4.13	3.40
Alt My	-2.89	-1.09	-.27	-.78	-.31	-.78	-1.01	0.00	.31	-1.57	14.76	12.05	.05	-.10	4.37	3.58
PK210 N	97.84	17.54			Material:E1			0.00	-32.51	-33.90	-47.79	-49.82	-2.58	-2.70	-12.78	-13.40
Ust Mx	-12.57	-3.60	-1.53	-2.02	-2.42	-2.43	-2.24	0.00	140.73	123.13	-4.38	-28.30	10.32	9.10	-1.39	-6.27
Alt Mx	1.29	.81	.26	.59	.49	.44	.79	0.00	-352.08	-308.13	-14.59	46.68	-27.81	-24.46	-6.88	9.63
Ust My	2.49	.79	.18	.59	.72	.60	.21	0.00	-1.31	.58	11.31	14.03	-.13	.02	3.20	4.00
Alt My	2.35	.74	.53	.20	.73	.27	.44	0.00	-1.64	.38	12.02	14.93	-.16	0.00	3.30	4.15
PK303 N	84.46	15.23			Material:E1			0.00	25.76	24.10	37.80	35.43	2.09	1.95	10.16	9.48
Ust Mx	10.50	-.99	-1.03	-.28	-1.20	-.56	-.86	0.00	78.93	86.04	-37.94	-28.15	5.68	6.15	-9.08	-8.19
Alt Mx	-.41	3.11	1.84	1.37	2.52	2.41	1.48	0.00	-272.28	-305.29	55.40	9.69	-20.31	-22.74	16.17	4.93
Ust My	-3.07	-1.31	-.29	-.97	-1.27	-.79	-.47	0.00	.33	-1.40	13.94	11.47	.05	-.09	4.10	3.39
Alt My	-3.24	-1.27	-.87	-.35	-1.13	-.42	-.89	0.00	.26	-1.64	14.95	12.23	.04	-.11	4.26	3.49
PK310 N	81.81	14.95			Material:E1			0.00	-24.28	-25.52	-37.18	-38.97	-1.92	-2.02	-9.74	-10.29
Ust Mx	-11.04	-3.32	-1.93	-1.36	-1.86	-1.95	-2.78	0.00	78.30	68.99	-.89	-13.85	5.82	5.16	-1.03	-2.92
Alt Mx	1.88	.48	.43	.12	.26	.02	.81	0.00	-262.91	-229.57	-9.07	37.14	-20.27	-17.80	-3.83	7.65
Ust My	3.48	1.06	.75	.27	.34	.95	.77	0.00	-1.29	.68	12.35	15.18	-.13	.03	3.37	4.19
Alt My	3.08	.96	.28	.64	.54	.93	.38	0.00	-1.68	.41	12.69	15.70	-.16	.01	3.36	4.22
PK403 N	65.36	12.05			Material:E1			0.00	18.43	17.25	26.67	24.99	1.50	1.40	7.04	6.56
Ust Mx	12.32	.20	-.27	.19	-.86	.42	.29	0.00	14.26	12.43	-16.71	-19.34	1.16	1.03	-2.96	-5.05
Alt Mx	.28	2.74	1.58	1.21	1.85	1.96	1.78	0.00	-184.49	-205.90	49.86	19.90	-13.75	-15.32	13.40	6.88
Ust My	-4.06	-1.58	-1.09	-.43	-.60	-1.51	-.91	0.00	.29	-1.46	13.91	11.41	.04	-.10	3.94	3.23
Alt My	-3.57	-1.46	-.39	-1.01	-1.01	-1.31	-.49	0.00	.17	-1.67	14.08	11.44	.04	-.11	3.87	3.13
PK410 N	64.79	12.12			Material:E1			0.00	-16.19	-17.35	-27.24	-28.90	-1.28	-1.38	-7.00	-7.49
Ust Mx	-14.16	-4.02	-1.81	-2.15	-2.78	-2.28	-2.87	0.00	11.23	11.78	-13.60	-12.77	.93	.96	-4.93	-3.38
Alt Mx	.81	.09	-.12	.31	.44	-.42	.35	0.00	-184.44	-161.44	-13.57	18.65	-14.19	-12.49	-3.91	3.29
Ust My	4.72	1.38	.43	.90	.96	.56	1.16	0.00	-1.29	.75	13.41	16.33	-.13	.03	3.52	4.35
Alt My	4.38	1.29	.85	.40	.54	.79	1.17	0.00	-1.44	.59	13.04	15.95	-.14	.02	3.33	4.14
PK503 N	44.05	8.43			Material:E1			0.00	11.55	10.77	16.65	15.55	.94	.88	4.33	4.02
Ust Mx	13.06	1.04	-.08	.87	-.04	.58	1.05	0.00	-26.28	-31.71	-4.01	-12.57	-1.94	-2.33	.43	-2.82
Alt Mx	1.31	2.14	1.39	.74	1.99	.74	1.55	0.00	-98.31	-107.35	26.54	13.69	-7.57	-8.27	6.22	4.25
Ust My	-4.17	-1.57	-.37	-1.14	-.89	-.59	-1.53	0.00	.21	-1.33	12.09	9.87	.04	-.09	3.34	2.72
Alt My	-4.40	-1.62	-1.07	-.49	-.54	-1.16	-1.41	0.00	.08	-1.55	11.80	9.47	.03	-.10	3.15	2.51
PK510 N	43.67	8.48			Material:E1			0.00	-10.66	-11.28	-16.50	-17.39	-.85	-.90	-4.18	-4.45
Ust Mx	-15.08	-4.05	-2.31	-1.67	-2.43	-2.75	-2.78	0.00	-24.12	-19.81	-13.69	-6.72	-1.81	-1.51	-4.97	-2.18
Alt Mx	.63	.02	.34	-.25	-.12	.27	.04	0.00	-96.78	-86.62	-1.72	12.72	-7.67	-6.88	.20	2.65
Ust My	4.93	1.41	.94	.43	1.18	1.03	.52	0.00	-1.20	.65	11.83	14.49	-.12	.03	3.01	3.75
Alt My	5.08	1.45	.49	.92	1.28	.68	.86	0.00	-1.36	.56	11.67	14.42	-.13	.02	2.88	3.64
PK603 N	22.66	4.68			Material:E1			0.00	5.40	5.09	7.66	7.25	.45	.42	1.96	1.85
Ust Mx	16.90	3.08	1.20	1.60	1.18	2.55	1.87	0.00	-43.89	-48.44	1.24	-5.11	-3.44	-3.80	.25	-1.10
Alt Mx	.09	1.21	.77	.42	1.66	.61	.11	0.00	-36.55	-38.40	10.39	8.67	-2.92	-3.10	1.33	2.21
Ust My	-7.23	-2.79	-1.82	-.85	-2.29	-1.98	-1.08	0.00	.02	-2.28	16.21	12.90	.03	-.16	4.27	3.36
Alt My	-5.61	-2.15	-.73	-1.33	-1.72	-1.01	-1.39	0.00	.02	-1.82	12.52	9.89	.02	-.12	3.24	2.52
PK610 N	22.13	4.71			Material:E1			0.00	-5.98	-6.02	-6.93	-7.00	-.49	-.49	-1.76	-1.78
Ust Mx	-17.15	-4.76	-2.14	-2.47	-2.62	-3.06	-3.53	0.00	-42.77	-38.31	-8.77	-2.59	-3.48	-3.12	-2.19	-.89
Alt Mx	1.00	-.12	-.28	.22	-.47	-.40	.76	0.00	-36.35	-33.83	2.15	4.83	-3.02	-2.79	1.87	1.27
Ust My	7.64	2.25	.77	1.42	.93	1.78	1.66	0.00	-1.93	.59	14.61	18.23	-.19	.02	3.50	4.51
Alt My	6.41	1.85	1.11	.69	1.06	1.60	.94	0.00	-1.62	.46	11.77	14.75	-.16	.01	2.78	3.60

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON BETONARME HESAP SONUÇLARI

Kolon			N (t)	maxM	fcd	μ	As	Donatı
S601	BX=20 ßx = 1.045	X-düşey	1.305	.033	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.027	X-yatay	1.660	.042	106.7	.0025	1.000	
	I/J : 88/ 68	Y-düşey	1.305	-.565	106.7	.0025	1.001	
	Hk = 2.890 m	Y-yatay	.980	-.989	106.7	.0025	1.000	
S501	BX=20 ßx = 1.058	X-düşey	2.965	.074	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.041	X-yatay	4.173	.104	106.7	.0025	1.000	
	I/J : 68/ 50	Y-düşey	2.965	-.356	106.7	.0025	1.001	
	Hk = 2.890 m	Y-yatay	2.226	-.704	106.7	.0025	1.000	
S401	BX=20 ßx = 1.086	X-düşey	4.510	.113	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.060	X-yatay	7.351	.184	106.7	.0025	1.000	
	I/J : 50/ 33	Y-düşey	4.510	-.333	106.7	.0025	1.001	
	Hk = 2.890 m	Y-yatay	3.282	-.765	106.7	.0025	1.000	
S301	BX=20 ßx = 1.074	X-düşey	7.400	.185	106.7	.0025	1.250	2xЗφ14 + φ8/10/7(etriye)
	BY=25 ßy = 1.065	X-yatay	13.693	.342	106.7	.0025	1.250	
	I/J : 33/ 20	Y-düşey	7.400	-.518	106.7	.0025	1.250	
	Hk = 2.900 m	Y-yatay	5.420	-1.468	106.7	.0025	1.250	
S201	BX=20 ßx = 1.078	X-düşey	9.227	.231	106.7	.0025	1.250	2xЗφ14 + φ8/10/7(etriye)
	BY=25 ßy = 1.066	X-yatay	19.131	.478	106.7	.0025	1.250	
	I/J : 20/ 11	Y-düşey	9.227	-.479	106.7	.0025	1.250	
	Hk = 2.900 m	Y-yatay	6.910	-1.434	106.7	.0025	1.250	
S101	BX=25 ßx = 1.071	X-düşey	13.695	.342	106.7	.0025	1.563	2xЗφ14 + φ8/12/8(etriye)
	BY=25 ßy = 1.070	X-yatay	33.507	.838	106.7	.0025	1.563	
	I/J : 11/ 5	Y-düşey	13.695	-.453	106.7	.0025	1.564	
	Hk = 2.890 m	Y-yatay	10.255	-1.575	106.7	.0025	1.563	
SA01	BX=25 ßx = 1.063	X-düşey	18.349	.459	106.7	.0025	1.875	2xЗφ14 + φ8/12/8(etriye)
	BY=30 ßy = 1.073	X-yatay	48.640	1.216	106.7	.0025	1.875	
	I/J : 5/ 2	Y-düşey	18.349	-.704	106.7	.0025	1.875	
	Hk = 2.500 m	Y-yatay	14.357	-2.805	106.7	.0025	1.875	
SZ01	BX=30 ßx = 1.065	X-düşey	24.196	.726	106.7	.0025	2.250	2xЗφ14 + φ8/15/10(etriye)
	BY=30 ßy = 1.072	X-yatay	69.175	2.075	106.7	.0025	2.250	
	I/J : 2/ 1	Y-düşey	24.196	-.726	106.7	.0025	2.251	
	Hk = 2.500 m	Y-yatay	20.201	-2.801	106.7	.0025	2.250	
SB01	BX=30 ßx = 1.030	X-düşey	26.202	.786	106.7	.0026	2.304	2xЗφ14 + φ8/15/10(etriye)
	BY=30 ßy = 1.033	X-yatay	78.514	2.355	106.7	.0026	2.304	
	I/J : 1/ 0	Y-düşey	26.202	-.786	106.7	.0025	2.250	
	Hk = 2.500 m	Y-yatay	22.047	-1.884	106.7	.0025	2.250	
S602	BX=20 ßx = 1.107	X-düşey	12.174	-.304	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.093	X-yatay	10.620	-.699	106.7	.0025	1.000	
	I/J : 108/ 89	Y-düşey	12.174	-.827	106.7	.0059	2.347	
	Hk = 2.890 m	Y-yatay	10.093	-2.631	106.7	.0059	2.347	
S502	BX=25 ßx = 1.141	X-düşey	26.146	-.654	106.7	.0025	1.250	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 1.178	X-yatay	23.214	-1.181	106.7	.0025	1.250	
	I/J : 89/ 69	Y-düşey	26.146	-.968	106.7	.0068	3.419	
	Hk = 2.890 m	Y-yatay	22.458	-3.411	106.7	.0068	3.419	
S402	BX=25 ßx = 1.242	X-düşey	41.193	-1.030	106.7	.0034	1.723	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 1.316	X-yatay	36.893	-1.113	106.7	.0025	1.250	!!!! KESIT YETERSIZ !!!!
	I/J : 69/ 51	Y-düşey	41.193	-1.030	106.7	.0085	4.238	
	Hk = 2.890 m	Y-yatay	35.807	-3.231	106.7	.0085	4.238	
S302	BX=30 ßx = 1.134	X-düşey	57.246	1.717	106.7	.0025	2.250	2x4φ16 + φ8/15/10(etriye)
	BY=30 ßy = 1.100	X-yatay	52.098	2.149	106.7	.0025	2.250	
	I/J : 51/ 34	Y-düşey	57.246	-1.897	106.7	.0073	6.576	
	Hk = 2.900 m	Y-yatay	50.504	-10.381	106.7	.0073	6.576	
S202	BX=40 ßx = 1.123	X-düşey	74.107	2.964	106.7	.0025	3.000	2x2φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.101	X-yatay	68.691	3.102	106.7	.0025	3.000	
	I/J : 34/ 21	Y-düşey	74.107	-2.223	106.7	.0056	6.702	
	Hk = 2.900 m	Y-yatay	65.936	-11.067	106.7	.0056	6.702	
S102	BX=45 ßx = 1.140	X-düşey	92.082	4.144	106.7	.0025	3.375	2x3φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.115	X-yatay	86.412	3.889	106.7	.0025	3.375	
	I/J : 21/ 12	Y-düşey	92.082	-2.762	106.7	.0049	6.653	
	Hk = 2.890 m	Y-yatay	82.005	-10.520	106.7	.0049	6.653	
SA02	BX=55 ßx = 1.125	X-düşey	109.717	6.034	106.7	.0025	4.125	2x3φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.087	X-yatay	103.680	5.702	106.7	.0025	4.125	
	I/J : 12/ 6	Y-düşey	109.717	-3.292	106.7	.0042	6.954	
	Hk = 2.500 m	Y-yatay	97.350	-11.754	106.7	.0042	6.954	
SZ02	BX=55 ßx = 1.119	X-düşey	121.463	-6.680	106.7	.0025	4.813	2x5φ14+2x2φ14 (govde) + φ8/17/10(etriye)
	BY=35 ßy = 1.072	X-yatay	116.160	6.389	106.7	.0025	4.813	
	I/J : 6/ 3	Y-düşey	121.463	4.251	106.7	.0026	5.060	
	Hk = 2.500 m	Y-yatay	107.790	-11.811	106.7	.0026	5.060	
SB02	BX=65 ßx = 1.028	X-düşey	134.360	8.733	106.7	.0025	5.688	2x5φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=35 ßy = 1.046	X-yatay	128.147	8.330	106.7	.0025	5.688	
	I/J : 3/ 0	Y-düşey	134.360	-4.703	106.7	.0025	5.688	
	Hk = 2.500 m	Y-yatay	118.088	-7.485	106.7	.0025	5.688	
S603	BX=20 ßx = 1.056	X-düşey	7.104	-.218	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.056	X-yatay	5.503	-1.242	106.7	.0025	1.000	
	I/J : 127/ 110	Y-düşey	7.104	.612	106.7	.0044	1.771	
	Hk = 2.890 m	Y-yatay	5.780	2.108	106.7	.0044	1.771	
S503	BX=20 ßx = 1.143	X-düşey	16.258	-.406	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.142	X-yatay	13.069	-1.212	106.7	.0025	1.000	
	I/J : 110/ 91	Y-düşey	16.258	.547	106.7	.0046	1.860	
	Hk = 2.890 m	Y-yatay	13.553	2.073	106.7	.0046	1.860	
S403	BX=20 ßx = 1.238	X-düşey	24.841	-.621	106.7	.0027	1.068	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.236	X-yatay	20.351	-1.216	106.7	.0027	1.068	
	I/J : 91/ 71	Y-düşey	24.841	.621	106.7	.0055	2.191	
	Hk = 2.890 m	Y-yatay	20.971	2.059	106.7	.0055	2.191	
S303	BX=25 ßx = 1.155	X-düşey	32.085	-.802	106.7	.0031	1.564	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.252	X-yatay	27.604	-2.181	106.7	.0031	1.564	
	I/J : 71/ 53	Y-düşey	32.085	.802	106.7	.0053	2.661	
	Hk = 2.900 m	Y-yatay	28.135	2.481	106.7	.0053	2.661	
S203	BX=30 ßx = 1.112	X-düşey	38.801	-1.164	106.7	.0033	1.966	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 1.259	X-yatay	35.578	-3.227	106.7	.0033	1.966	
	I/J : 53/ 36	Y-düşey	38.801	.970	106.7	.0053	3.177	
	Hk = 2.900 m	Y-yatay	35.843	2.861	106.7	.0053	3.177	
S103	BX=30 ßx = 1.135	X-düşey	45.868	-1.376	106.7	.0035	2.108	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 1.323	X-yatay	43.919	-2.691	106.7	.0035	2.108	
	I/J : 36/ 23	Y-düşey	45.868	1.147	106.7	.0055	3.306	
	Hk = 2.890 m	Y-yatay	43.820	2.497	106.7	.0055	3.306	
SA03	BX=30 ßx = 1.096	X-düşey	53.489	-1.605	106.7	.0030	2.228	2x2φ14+2x1φ14 (govde) + φ8/12/8(etriye)
	BY=25 ßy = 1.135	X-yatay	53.131	-3.319	106.7	.0030	2.228	
	I/J : 23/ 14	Y-düşey	53.489	1.337	106.7	.0050	3.767	
	Hk = 2.500 m	Y-yatay	52.878	4.361	106.7	.0050	3.767	
SZ03	BX=30 ßx = 1.094	X-düşey	60.491	1.815	106.7	.0025	2.250	2xЗφ14 + φ8/15/10(etriye)
	BY=30 ßy = 1.098	X-yatay	61.919	2.726	106.7	.0025	2.250	
	I/J : 14/ 8	Y-düşey	60.491	1.815	106.7	.0037	3.341	
	Hk = 2.500 m	Y-yatay	62.276	5.024	106.7	.0037	3.341	
SB03	BX=35 ßx = 1.055	X-düşey	67.431	2.360	106.7	.0025	2.625	2xЗφ14+2x1φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.075	X-yatay	69.313	2.426	106.7	.0025	2.625	
	I/J : 8/ 0	Y-düşey	67.431	2.023	106.7	.0025	2.625	
	Hk = 2.500 m	Y-yatay	70.435	2.820	106.7	.0025	2.625	
SÇ04	BX=20 ßx = 1.046	X-düşey	7.851	.850	106.7	.0048	1.921	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.048	X-yatay	6.027	2.048	106.7	.0048	1.921	
	I/J : 129/ 109	Y-düşey	7.851	-1.132	106.7	.0051	2.030	
	Hk = 2.500 m	Y-yatay	6.607	-2.215	106.7	.0051	2.030	
S604	BX=20 ßx = 1.045	X-düşey	1.998	.050	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.027	X-yatay	1.694	.042	106.7	.0025	1.000	
	I/J : 109/ 90	Y-düşey	1.998	-.421	106.7	.0025	1.001	

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KOLON BETONARME HESAP SONUÇLARI

Kolon			N (t)	maxM	fcd	μ	As	Donati
S404	BX=25 ßx = 1.086	X-düşey	7.736	.193	106.7	.0025	1.563	2x3ϕ14 + ϕ8/12/8(etriye)
	BY=25 ßy = 1.060	X-yatay	9.534	.238	106.7	.0025	1.563	
	I/J : 70/ 52	Y-düşey	7.736	-.571	106.7	.0025	1.564	
	Hk = 2.890 m	Y-yatay	7.860	-1.476	106.7	.0025	1.563	
S304	BX=25 ßx = 1.074	X-düşey	11.736	.293	106.7	.0025	1.875	2x3ϕ14 + ϕ8/12/8(etriye)
	BY=30 ßy = 1.065	X-yatay	16.897	.422	106.7	.0025	1.875	
	I/J : 52/ 35	Y-düşey	11.736	-.786	106.7	.0025	1.875	
	Hk = 2.900 m	Y-yatay	11.976	-2.481	106.7	.0025	1.875	
S204	BX=30 ßx = 1.078	X-düşey	16.980	.509	106.7	.0025	2.250	2x3ϕ14 + ϕ8/15/10(etriye)
	BY=30 ßy = 1.066	X-yatay	27.617	.829	106.7	.0025	2.250	
	I/J : 35/ 22	Y-düşey	16.980	-.897	106.7	.0025	2.251	
	Hk = 2.900 m	Y-yatay	17.346	-2.873	106.7	.0025	2.250	
S104	BX=40 ßx = 1.071	X-düşey	26.302	1.052	106.7	.0025	3.000	2x2ϕ14+2x2ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.070	X-yatay	51.664	2.067	106.7	.0025	3.000	
	I/J : 22/ 13	Y-düşey	26.302	-.789	106.7	.0025	3.000	
	Hk = 2.890 m	Y-yatay	33.255	-3.420	106.7	.0025	3.000	
SA04	BX=45 ßx = 1.063	X-düşey	33.553	1.510	106.7	.0025	3.375	2x4ϕ14+2x1ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.073	X-yatay	70.664	3.180	106.7	.0025	3.375	
	I/J : 13/ 7	Y-düşey	33.553	-1.007	106.7	.0025	3.375	
	Hk = 2.500 m	Y-yatay	42.468	-3.878	106.7	.0025	3.375	
SZ04	BX=50 ßx = 1.065	X-düşey	42.507	2.125	106.7	.0025	3.750	2x3ϕ14+2x2ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.072	X-yatay	94.272	4.714	106.7	.0025	3.750	
	I/J : 7/ 4	Y-düşey	42.507	-1.275	106.7	.0025	3.750	
	Hk = 2.500 m	Y-yatay	52.369	-3.426	106.7	.0025	3.750	
SB04	BX=50 ßx = 1.024	X-düşey	52.704	2.635	106.7	.0025	4.375	2x3ϕ14+2x3ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=35 ßy = 1.027	X-yatay	121.190	-6.373	106.7	.0025	4.375	
	I/J : 4/ 0	Y-düşey	52.704	1.845	106.7	.0025	4.375	
	Hk = 2.500 m	Y-yatay	64.299	-3.933	106.7	.0025	4.375	
SÇ05	BX=30 ßx = 1.033	X-düşey	9.004	.432	106.7	.0025	1.875	2x2ϕ14+2x1ϕ14 (govde) + ϕ8/12/8(etriye)
	BY=25 ßy = 1.019	X-yatay	6.256	-2.201	106.7	.0025	1.875	
	I/J : 146/ 128	Y-düşey	9.004	-1.829	106.7	.0055	4.139	
	Hk = 2.500 m	Y-yatay	7.032	-6.165	106.7	.0055	4.139	
S605	BX=30 ßx = 1.064	X-düşey	27.547	-1.199	106.7	.0025	2.250	2x3ϕ14 + ϕ8/15/10(etriye)
	BY=30 ßy = 1.049	X-yatay	20.584	-2.195	106.7	.0025	2.250	
	I/J : 128/ 111	Y-düşey	27.547	-1.790	106.7	.0044	3.953	
	Hk = 2.890 m	Y-yatay	20.306	-7.683	106.7	.0044	3.953	
S505	BX=45 ßx = 1.074	X-düşey	46.324	-2.606	106.7	.0025	3.375	2x3ϕ14+2x2ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.060	X-yatay	35.668	-5.163	106.7	.0025	3.375	
	I/J : 111/ 92	Y-düşey	46.324	-2.329	106.7	.0045	6.040	
	Hk = 2.890 m	Y-yatay	35.788	-11.692	106.7	.0045	6.040	
S405	BX=45 ßx = 1.108	X-düşey	65.711	-2.957	106.7	.0025	3.375	2x3ϕ14+2x3ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.087	X-yatay	51.514	-3.468	106.7	.0025	3.375	
	I/J : 92/ 72	Y-düşey	65.711	-1.971	106.7	.0046	6.234	
	Hk = 2.890 m	Y-yatay	51.238	-11.503	106.7	.0046	6.234	
S305	BX=60 ßx = 1.122	X-düşey	85.447	-5.127	106.7	.0025	4.500	2x3ϕ14+2x3ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.091	X-yatay	68.433	-6.054	106.7	.0025	4.500	
	I/J : 72/ 54	Y-düşey	85.447	-2.563	106.7	.0038	6.878	
	Hk = 2.900 m	Y-yatay	67.134	-13.315	106.7	.0038	6.878	
S205	BX=75 ßx = 1.129	X-düşey	106.977	-8.023	106.7	.0025	6.563	2x5ϕ16+2x3ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=35 ßy = 1.066	X-yatay	87.447	6.559	106.7	.0025	6.563	
	I/J : 54/ 37	Y-düşey	106.977	-3.744	106.7	.0026	6.872	
	Hk = 2.900 m	Y-yatay	84.087	-18.385	106.7	.0026	6.872	
S105	BX=80 ßx = 1.158	X-düşey	128.746	-10.300	106.7	.0025	7.000	2x4ϕ16+2x4ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=35 ßy = 1.070	X-yatay	107.124	8.570	106.7	.0025	7.000	
	I/J : 37/ 24	Y-düşey	128.746	-4.506	106.7	.0025	7.000	
	Hk = 2.890 m	Y-yatay	101.165	-14.638	106.7	.0025	7.000	
SA05	BX=90 ßx = 1.143	X-düşey	150.906	-13.582	106.7	.0025	9.000	2x6ϕ16+2x5ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=40 ßy = 1.073	X-yatay	126.809	11.413	106.7	.0025	9.000	
	I/J : 24/ 15	Y-düşey	150.906	6.036	106.7	.0025	9.000	
	Hk = 2.500 m	Y-yatay	117.886	-18.496	106.7	.0025	9.000	
SZ05	BX=90 ßx = 1.091	X-düşey	175.257	15.773	106.7	.0025	9.000	2x6ϕ16+2x5ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=40 ßy = 1.072	X-yatay	147.268	-15.071	106.7	.0025	9.000	
	I/J : 15/ 9	Y-düşey	175.257	-7.010	106.7	.0025	9.000	
	Hk = 2.500 m	Y-yatay	135.676	-15.064	106.7	.0025	9.000	
SB05	BX=105 ßx = 1.024	X-düşey	195.314	-20.508	106.7	.0025	10.500	2x5ϕ20+2x5ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=40 ßy = 1.030	X-yatay	163.816	-25.945	106.7	.0025	10.500	
	I/J : 9/ 0	Y-düşey	195.314	7.813	106.7	.0025	10.500	
	Hk = 2.500 m	Y-yatay	150.287	-13.018	106.7	.0025	10.500	
SÇ06	BX=20 ßx = 1.022	X-düşey	3.832	-.475	106.7	.0043	1.723	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=20 ßy = 1.023	X-yatay	5.309	-2.099	106.7	.0043	1.723	
	I/J : 161/ 145	Y-düşey	3.832	.380	106.7	.0039	1.561	
	Hk = 2.500 m	Y-yatay	4.113	1.834	106.7	.0039	1.561	
S606	BX=20 ßx = 1.092	X-düşey	13.600	-.582	106.7	.0025	1.250	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=25 ßy = 1.063	X-yatay	14.481	-1.569	106.7	.0025	1.250	
	I/J : 145/ 131	Y-düşey	13.600	.859	106.7	.0032	1.584	
	Hk = 2.890 m	Y-yatay	12.793	2.688	106.7	.0032	1.584	
S506	BX=30 ßx = 1.058	X-düşey	26.986	-2.014	106.7	.0028	2.527	2x3ϕ14 + ϕ8/15/10(etriye)
	BY=30 ßy = 1.057	X-yatay	25.390	-5.603	106.7	.0028	2.527	
	I/J : 131/ 113	Y-düşey	26.986	1.531	106.7	.0034	3.071	
	Hk = 2.890 m	Y-yatay	25.480	6.117	106.7	.0034	3.071	
S406	BX=30 ßx = 1.086	X-düşey	40.304	-1.492	106.7	.0025	2.250	2x3ϕ14 + ϕ8/15/10(etriye)
	BY=30 ßy = 1.089	X-yatay	36.846	-4.562	106.7	.0025	2.250	
	I/J : 113/ 94	Y-düşey	40.304	1.297	106.7	.0030	2.739	
	Hk = 2.890 m	Y-yatay	39.320	5.632	106.7	.0030	2.739	
S306	BX=50 ßx = 1.074	X-düşey	55.020	-4.678	106.7	.0025	3.750	2x3ϕ14+2x2ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.067	X-yatay	49.436	-14.167	106.7	.0025	3.750	
	I/J : 94/ 74	Y-düşey	55.020	1.651	106.7	.0025	3.750	
	Hk = 2.900 m	Y-yatay	55.035	8.173	106.7	.0025	3.750	
S206	BX=50 ßx = 1.078	X-düşey	69.207	-3.460	106.7	.0025	3.750	2x3ϕ14+2x2ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.086	X-yatay	61.005	-9.769	106.7	.0025	3.750	
	I/J : 74/ 56	Y-düşey	69.207	2.076	106.7	.0025	3.750	
	Hk = 2.900 m	Y-yatay	71.834	7.692	106.7	.0025	3.750	
S106	BX=60 ßx = 1.071	X-düşey	83.938	-5.036	106.7	.0025	4.500	2x3ϕ14+2x3ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.096	X-yatay	72.724	-12.014	106.7	.0025	4.500	
	I/J : 56/ 39	Y-düşey	83.938	2.518	106.7	.0025	4.500	
	Hk = 2.890 m	Y-yatay	89.435	7.941	106.7	.0025	4.500	
SA06	BX=75 ßx = 1.063	X-düşey	98.804	-7.410	106.7	.0025	5.625	2x5ϕ14+2x3ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.081	X-yatay	83.414	-14.084	106.7	.0025	5.625	
	I/J : 39/ 26	Y-düşey	98.804	2.964	106.7	.0025	5.625	
	Hk = 2.500 m	Y-yatay	107.497	8.915	106.7	.0025	5.625	
SZ06	BX=80 ßx = 1.065	X-düşey	114.389	-9.151	106.7	.0025	6.000	2x4ϕ14+2x4ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.092	X-yatay	94.137	-14.440	106.7	.0025	6.000	
	I/J : 26/ 17	Y-düşey	114.389	3.432	106.7	.0025	6.000	
	Hk = 2.500 m	Y-yatay	125.522	7.670	106.7	.0025	6.000	
SB06	BX=90 ßx = 1.024	X-düşey	128.755	-11.588	106.7	.0025	6.750	2x4ϕ16+2x4ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=30 ßy = 1.061	X-yatay	103.765	-16.092	106.7	.0025	6.750	
	I/J : 17/ 0	Y-düşey	128.755	3.863	106.7	.0025	6.750	
	Hk = 2.500 m	Y-yatay	140.186	5.194	106.7	.0025	6.750	
SÇ07	BX=20 ßx = 1.020	X-düşey	3.762	.621	106.7	.0068	2.735	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=20 ßy = 1.021	X-yatay	5.625	2.958	106.7	.0068	2.735	
	I/J : 147/ 130	Y-düşey	3.762	-1.065	106.7	.0055	2.208	
	Hk = 2.500 m	Y-yatay	2.590	-2.401	106.7	.0055	2.208	
S607	BX=20 ßx = 1.081	X-düşey	9.817	.751	106.7	.0049	1.972	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=20 ßy = 1.083	X-yatay	7.438	2.211	106.7	.0049	1.972	
	I/J : 130/ 112	Y-düşey	9.817	-.655	106.7	.0035	1.391	

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S407	BX=25	ßx = 1.104	X-düsey	23.214	1.130	106.7	.0055	2.741	2x3φ14 + φ8/10/7(etriye)
	BY=20	ßy = 1.176	X-yatay	22.939	3.798	106.7	.0055	2.741	
	I/J : 93/ 73		Y-düsey	23.214	-.642	106.7	.0039	1.928	
	Hk = 2.890 m		Y-yatay	21.107	-2.146	106.7	.0039	1.928	
S307	BX=30	ßx = 1.085	X-düsey	31.828	1.650	106.7	.0059	3.517	2x3φ14 + φ8/10/7(etriye)
	BY=20	ßy = 1.211	X-yatay	33.381	5.649	106.7	.0059	3.517	
	I/J : 73/ 55		Y-düsey	31.828	-.796	106.7	.0038	2.289	
	Hk = 2.900 m		Y-yatay	30.293	-2.492	106.7	.0038	2.289	
S207	BX=40	ßx = 1.078	X-düsey	41.506	2.566	106.7	.0056	4.479	2x3φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20	ßy = 1.212	X-yatay	44.988	9.835	106.7	.0056	4.479	
	I/J : 55/ 38		Y-düsey	41.506	-1.038	106.7	.0032	2.546	
	Hk = 2.900 m		Y-yatay	41.001	-2.917	106.7	.0032	2.546	
S107	BX=40	ßx = 1.071	X-düsey	52.929	2.117	106.7	.0036	3.639	2x3φ14+2x1φ14 (govde) + φ8/12/8(etriye)
	BY=25	ßy = 1.143	X-yatay	57.982	8.792	106.7	.0036	3.639	
	I/J : 38/ 25		Y-düsey	52.929	-1.323	106.7	.0027	2.682	
	Hk = 2.890 m		Y-yatay	53.845	-4.225	106.7	.0027	2.682	
SA07	BX=40	ßx = 1.063	X-düsey	65.403	2.616	106.7	.0028	3.311	2x3φ14+2x1φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.086	X-yatay	71.911	8.341	106.7	.0028	3.311	
	I/J : 25/ 16		Y-düsey	65.403	-1.962	106.7	.0026	3.100	
	Hk = 2.500 m		Y-yatay	68.314	-6.028	106.7	.0026	3.100	
SZ07	BX=45	ßx = 1.065	X-düsey	73.000	3.285	106.7	.0025	3.375	2x4φ14+2x1φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.075	X-yatay	84.952	7.299	106.7	.0025	3.375	
	I/J : 16/ 10		Y-düsey	73.000	-2.190	106.7	.0025	3.375	
	Hk = 2.500 m		Y-yatay	79.386	-5.231	106.7	.0025	3.375	
SB07	BX=50	ßx = 1.024	X-düsey	86.674	4.334	106.7	.0025	3.750	2x3φ14+2x2φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.066	X-yatay	97.332	4.867	106.7	.0025	3.750	
	I/J : 10/ 0		Y-düsey	86.674	-2.600	106.7	.0025	3.750	
	Hk = 2.500 m		Y-yatay	92.741	-3.040	106.7	.0025	3.750	
SÇ08	BX=20	ßx = 1.052	X-düsey	8.194	1.072	106.7	.0054	2.144	2x3φ14 + φ8/10/7(etriye)
	BY=20	ßy = 1.050	X-yatay	6.471	2.495	106.7	.0054	2.144	
	I/J : 163/ 148		Y-düsey	8.194	.205	106.7	.0054	2.154	
	Hk = 2.500 m		Y-yatay	6.871	2.303	106.7	.0054	2.154	
S608	BX=25	ßx = 1.127	X-düsey	22.508	1.796	106.7	.0041	2.041	2x3φ14 + φ8/10/7(etriye)
	BY=20	ßy = 1.158	X-yatay	17.482	3.032	106.7	.0041	2.041	
	I/J : 148/ 132		Y-düsey	22.508	.563	106.7	.0046	2.298	
	Hk = 2.890 m		Y-yatay	17.950	2.284	106.7	.0046	2.298	
S508	BX=30	ßx = 1.102	X-düsey	37.586	3.236	106.7	.0040	3.010	2x2φ14+2x1φ14 (govde) + φ8/12/8(etriye)
	BY=25	ßy = 1.112	X-yatay	29.284	5.670	106.7	.0040	3.010	
	I/J : 132/ 114		Y-düsey	37.586	.940	106.7	.0055	4.121	
	Hk = 2.890 m		Y-yatay	30.421	5.356	106.7	.0055	4.121	
S408	BX=30	ßx = 1.150	X-düsey	53.201	2.840	106.7	.0039	2.930	2x2φ14+2x1φ14 (govde) + φ8/12/8(etriye)
	BY=25	ßy = 1.165	X-yatay	41.454	4.944	106.7	.0039	2.930	
	I/J : 114/ 95		Y-düsey	53.201	1.330	106.7	.0057	4.291	
	Hk = 2.890 m		Y-yatay	43.211	5.210	106.7	.0057	4.291	
S308	BX=35	ßx = 1.142	X-düsey	69.404	4.664	106.7	.0033	3.444	2x3φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.108	X-yatay	54.002	7.512	106.7	.0033	3.444	
	I/J : 95/ 75		Y-düsey	69.404	2.082	106.7	.0059	6.194	
	Hk = 2.900 m		Y-yatay	57.853	9.715	106.7	.0059	6.194	
S208	BX=40	ßx = 1.155	X-düsey	84.775	5.112	106.7	.0025	3.000	2x2φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.119	X-yatay	66.024	7.469	106.7	.0025	3.000	
	I/J : 75/ 57		Y-düsey	84.775	2.543	106.7	.0054	6.443	
	Hk = 2.900 m		Y-yatay	75.015	9.891	106.7	.0054	6.443	
S108	BX=50	ßx = 1.160	X-düsey	100.820	7.394	106.7	.0025	3.750	2x3φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.116	X-yatay	78.522	9.356	106.7	.0025	3.750	
	I/J : 57/ 40		Y-düsey	100.820	3.025	106.7	.0047	7.115	
	Hk = 2.890 m		Y-yatay	93.416	11.131	106.7	.0047	7.115	
SA08	BX=60	ßx = 1.211	X-düsey	116.299	7.253	106.7	.0025	4.500	2x3φ14+2x4φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.086	X-yatay	90.624	7.825	106.7	.0025	4.500	
	I/J : 40/ 27		Y-düsey	116.299	3.489	106.7	.0045	8.174	
	Hk = 2.500 m		Y-yatay	113.596	13.102	106.7	.0045	8.174	
SZ08	BX=70	ßx = 1.133	X-düsey	125.186	8.763	106.7	.0025	5.250	2x4φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.083	X-yatay	97.854	8.341	106.7	.0025	5.250	
	I/J : 27/ 18		Y-düsey	125.186	3.756	106.7	.0032	6.698	
	Hk = 2.500 m		Y-yatay	129.486	11.588	106.7	.0032	6.698	
SB08	BX=75	ßx = 1.024	X-düsey	144.101	10.808	106.7	.0025	5.625	2x5φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.071	X-yatay	111.476	9.366	106.7	.0025	5.625	
	I/J : 18/ 0		Y-düsey	144.101	4.323	106.7	.0025	5.625	
	Hk = 2.500 m		Y-yatay	149.402	5.492	106.7	.0025	5.625	
SÇ09	BX=20	ßx = 1.029	X-düsey	4.847	.479	106.7	.0052	2.090	2x3φ14 + φ8/10/7(etriye)
	BY=20	ßy = 1.029	X-yatay	3.984	2.158	106.7	.0052	2.090	
	I/J : 176/ 165		Y-düsey	4.847	1.334	106.7	.0057	2.278	
	Hk = 2.500 m		Y-yatay	3.527	2.525	106.7	.0057	2.278	
S609	BX=25	ßx = 1.045	X-düsey	14.389	1.017	106.7	.0033	2.485	2x3φ14 + φ8/12/8(etriye)
	BY=30	ßy = 1.028	X-yatay	11.329	3.424	106.7	.0033	2.485	
	I/J : 165/ 151		Y-düsey	14.389	3.914	106.7	.0058	4.316	
	Hk = 2.890 m		Y-yatay	11.390	7.856	106.7	.0058	4.316	
S509	BX=25	ßx = 1.065	X-düsey	22.648	.850	106.7	.0028	2.128	2x3φ14 + φ8/12/8(etriye)
	BY=30	ßy = 1.045	X-yatay	17.865	3.234	106.7	.0028	2.128	
	I/J : 151/ 135		Y-düsey	22.648	3.295	106.7	.0057	4.247	
	Hk = 2.890 m		Y-yatay	19.709	7.925	106.7	.0057	4.247	
S409	BX=25	ßx = 1.095	X-düsey	32.280	.807	106.7	.0025	1.875	2x3φ14 + φ8/12/8(etriye)
	BY=30	ßy = 1.065	X-yatay	25.330	3.018	106.7	.0025	1.875	
	I/J : 135/ 117		Y-düsey	32.280	2.643	106.7	.0060	4.497	
	Hk = 2.890 m		Y-yatay	29.943	7.969	106.7	.0060	4.497	
S309	BX=30	ßx = 1.074	X-düsey	42.585	1.342	106.7	.0025	2.625	2x4φ14+2x1φ14 (govde) + φ8/15/10(etriye)
	BY=35	ßy = 1.065	X-yatay	33.382	5.070	106.7	.0025	2.625	
	I/J : 117/ 98		Y-düsey	42.585	3.066	106.7	.0058	6.100	
	Hk = 2.900 m		Y-yatay	41.028	12.847	106.7	.0058	6.100	
S209	BX=30	ßx = 1.078	X-düsey	54.712	1.641	106.7	.0025	3.375	2x4φ16+2x1φ14 (govde) + φ8/15/10(etriye)
	BY=45	ßy = 1.066	X-yatay	42.808	4.906	106.7	.0025	3.375	
	I/J : 98/ 78		Y-düsey	54.712	3.499	106.7	.0054	7.305	
	Hk = 2.900 m		Y-yatay	53.961	20.282	106.7	.0054	7.305	
S109	BX=30	ßx = 1.076	X-düsey	67.349	2.020	106.7	.0025	3.750	2x4φ14+2x2φ14 (govde) + φ8/15/10(etriye)
	BY=50	ßy = 1.070	X-yatay	52.528	4.328	106.7	.0025	3.750	
	I/J : 78/ 60		Y-düsey	67.349	2.380	106.7	.0041	6.149	
	Hk = 2.890 m		Y-yatay	69.133	20.034	106.7	.0041	6.149	
SA09	BX=30	ßx = 1.063	X-düsey	81.411	2.442	106.7	.0025	4.500	2x4φ16+2x2φ14 (govde) + φ8/15/10(etriye)
	BY=60	ßy = 1.073	X-yatay	63.022	3.768	106.7	.0025	4.500	
	I/J : 60/ 43		Y-düsey	81.411	4.885	106.7	.0036	6.564	
	Hk = 2.500 m		Y-yatay	83.936	26.518	106.7	.0036	6.564	
SZ09	BX=35	ßx = 1.065	X-düsey	89.838	-3.144	106.7	.0025	5.250	2x4φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=60	ßy = 1.072	X-yatay	69.499	3.862	106.7	.0025	5.250	
	I/J : 43/ 29		Y-düsey	89.838	5.390	106.7	.0026	5.378	
	Hk = 2.500 m		Y-yatay	95.072	-24.355	106.7	.0026	5.378	
SB09	BX=35	ßx = 1.037	X-düsey	102.054	3.572	106.7	.0025	5.688	2x5φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=65	ßy = 1.018	X-yatay	78.221	2.809	106.7	.0025	5.688	
	I/J : 29/ 0		Y-düsey	102.054	-6.634	106.7	.0025	5.688	
	Hk = 2.500 m		Y-yatay	106.758	-19.739	106.7	.0025	5.688	
SÇ10	BX=25	ßx = 1.016	X-düsey	14.931	-2.598	133.3	.0025	12.500	2x5φ14+2x6φ12 (govde) + φ8/15(etriye)
	BY=200	ßy = 1.010	X-yatay	12.495	-10.514	133.3	.0025	12.500	
	I/J : 175/ 162		Y-düsey	14.931	9.176	133.3	.0012	6.250	TAS.MOM. Myu: 33.63 Mya: 54.64
	Hk = 2.500 m		Y-yatay	12.097	54.644	133.3	.0012	6.250	
S610	BX=25	ßx = 1.045	X-düsey	33.897	-2.517	133.3	.0025	12.500	2x5φ14+2x6φ12 (govde) + φ8/15(etriye)
	BY=200	ßy = 1.027	X-yatay	28.341	-4.851	133.3	.0025	12.500	
	I/J : 162/ 150		Y-düsey	33.897	15.841	133.3	.0015	7.653	TAS.MOM. Myu: 54.64 Mya: 79.02

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KOLON BETONARME HESAP SONUÇLARI

Kolon				N (t)	maxM	fcd	μ	As	Donati
S410	BX=25 ßx = 1.086	X-düşey	71.468	-1.953	133.3	.0025	12.500	2x7ϕ14+2x6ϕ12 (govde) + ϕ8/15(etriye)
	BY=200 ßy = 1.060	X-yatay	60.029	-6.028	133.3	.0025	12.500	
	I/J : 134/ 116	Y-düşey	71.468	2.803	133.3	.0021	10.695	TAS.MOM. Myu: 103.40 Mya: 127.78
	Hk = 2.890 m	Y-yatay	70.922	127.782	133.3	.0021	10.695	
S310	BX=25 ßx = 1.074	X-düşey	88.215	-2.205	133.3	.0025	12.500	2x6ϕ16+2x6ϕ12 (govde) + ϕ8/15(etriye)
	BY=200 ßy = 1.065	X-yatay	75.922	-6.251	133.3	.0025	12.500	
	I/J : 116/ 97	Y-düşey	88.215	3.087	133.3	.0024	11.953	TAS.MOM. Myu: 127.78 Mya: 152.16
	Hk = 2.900 m	Y-yatay	97.555	152.162	133.3	.0024	11.953	
S210	BX=25 ßx = 1.078	X-düşey	105.269	-2.632	133.3	.0025	12.500	2x7ϕ16+2x6ϕ12 (govde) + ϕ8/15(etriye)
	BY=200 ßy = 1.066	X-yatay	92.456	-6.074	133.3	.0025	12.500	
	I/J : 97/ 77	Y-düşey	105.269	3.168	133.3	.0027	13.508	TAS.MOM. Myu: 152.16 Mya: 176.54
	Hk = 2.900 m	Y-yatay	125.120	176.541	133.3	.0027	13.508	
S110	BX=25 ßx = 1.088	X-düşey	120.585	-3.015	133.3	.0025	12.500	2x8ϕ16+2x6ϕ12 (govde) + ϕ8/15(etriye)
	BY=200 ßy = 1.070	X-yatay	107.645	-5.080	133.3	.0025	12.500	
	I/J : 77/ 59	Y-düşey	120.585	24.117	133.3	.0031	15.508	TAS.MOM. Myu: 176.54 Mya: 200.92
	Hk = 2.890 m	Y-yatay	154.688	200.921	133.3	.0031	15.508	
SA10	BX=25 ßx = 1.080	X-düşey	133.858	-3.346	133.3	.0025	12.500	2x6ϕ20+2x6ϕ12 (govde) + ϕ8/15(etriye)
	BY=200 ßy = 1.073	X-yatay	120.892	-4.759	133.3	.0025	12.500	
	I/J : 59/ 42	Y-düşey	133.858	26.772	133.3	.0035	17.493	TAS.MOM. Myu: 200.92 Mya: 221.94
	Hk = 2.500 m	Y-yatay	184.341	221.938	133.3	.0035	17.493	
SZ10	BX=25 ßx = 1.088	X-düşey	145.202	-3.630	133.3	.0025	12.500	2x9ϕ16+2x5ϕ14 (govde) + ϕ8/17(etriye)
	BY=200 ßy = 1.072	X-yatay	132.443	-3.920	133.3	.0025	12.500	
	I/J : 42/ 28	Y-düşey	145.202	-4.577	133.3	.0035	17.708	TAS.MOM. Myu: 221.94 Mya: 230.34
	Hk = 2.500 m	Y-yatay	212.628	230.345	133.3	.0035	17.708	
SB10	BX=25 ßx = 1.058	X-düşey	155.033	-3.876	133.3	.0025	12.500	2x9ϕ16+2x5ϕ14 (govde) + ϕ8/17(etriye)
	BY=200 ßy = 1.018	X-yatay	141.551	3.539	133.3	.0025	12.500	
	I/J : 28/ 0	Y-düşey	155.033	-5.986	133.3	.0033	16.520	TAS.MOM. Myu: 230.34 Mya: 230.34
	Hk = 2.500 m	Y-yatay	233.416	-234.483	133.3	.0033	16.520	
SÇ11	BX=25 ßx = 1.016	X-düşey	29.708	-.743	133.3	.0029	14.698	2x5ϕ14+2x6ϕ14 (govde) + ϕ8/17(etriye)
	BY=200 ßy = 1.010	X-yatay	20.872	-14.151	133.3	.0029	14.698	
	I/J : 164/ 149	Y-düşey	29.708	-19.820	133.3	.0014	6.894	TAS.MOM. Myu: 46.00 Mya: 72.13
	Hk = 2.500 m	Y-yatay	26.344	72.133	133.3	.0014	6.894	
S611	BX=25 ßx = 1.045	X-düşey	66.432	1.661	133.3	.0025	13.750	2x4ϕ14+2x8ϕ12 (govde) + ϕ8/15(etriye)
	BY=220 ßy = 1.027	X-yatay	46.998	7.786	133.3	.0025	13.750	
	I/J : 149/ 133	Y-düşey	66.432	-28.027	133.3	.0011	6.162	TAS.MOM. Myu: 72.13 Mya: 102.45
	Hk = 2.890 m	Y-yatay	58.478	102.450	133.3	.0011	6.162	
S511	BX=25 ßx = 1.058	X-düşey	101.680	2.542	133.3	.0025	13.750	2x5ϕ14+2x8ϕ12 (govde) + ϕ8/15(etriye)
	BY=220 ßy = 1.041	X-yatay	72.687	8.884	133.3	.0025	13.750	
	I/J : 133/ 115	Y-düşey	101.680	-8.089	133.3	.0013	6.897	TAS.MOM. Myu: 102.45 Mya: 132.77
	Hk = 2.890 m	Y-yatay	91.997	132.766	133.3	.0013	6.897	
S411	BX=25 ßx = 1.086	X-düşey	136.020	3.401	133.3	.0025	13.750	2x6ϕ14+2x8ϕ12 (govde) + ϕ8/15(etriye)
	BY=220 ßy = 1.060	X-yatay	98.613	9.013	133.3	.0025	13.750	
	I/J : 115/ 96	Y-düşey	136.020	-6.708	133.3	.0015	8.286	TAS.MOM. Myu: 132.77 Mya: 163.08
	Hk = 2.890 m	Y-yatay	127.584	163.083	133.3	.0015	8.286	
S311	BX=25 ßx = 1.095	X-düşey	167.331	4.183	133.3	.0025	13.750	2x7ϕ14+2x8ϕ12 (govde) + ϕ8/15(etriye)
	BY=220 ßy = 1.065	X-yatay	123.510	9.476	133.3	.0025	13.750	
	I/J : 96/ 76	Y-düşey	167.331	-36.813	133.3	.0018	10.148	TAS.MOM. Myu: 163.08 Mya: 193.40
	Hk = 2.900 m	Y-yatay	163.650	193.400	133.3	.0018	10.148	
S211	BX=25 ßx = 1.115	X-düşey	197.333	4.933	133.3	.0025	13.750	2x7ϕ16+2x8ϕ12 (govde) + ϕ8/15(etriye)
	BY=220 ßy = 1.066	X-yatay	147.798	-9.165	133.3	.0025	13.750	
	I/J : 76/ 58	Y-düşey	197.333	-43.413	133.3	.0023	12.633	TAS.MOM. Myu: 193.40 Mya: 223.72
	Hk = 2.900 m	Y-yatay	200.597	223.717	133.3	.0023	12.633	
S111	BX=25 ßx = 1.132	X-düşey	223.407	-5.585	133.3	.0025	13.750	2x8ϕ16+2x8ϕ12 (govde) + ϕ8/15(etriye)
	BY=220 ßy = 1.070	X-yatay	169.748	9.085	133.3	.0025	13.750	
	I/J : 58/ 41	Y-düşey	223.407	49.149	133.3	.0029	15.788	TAS.MOM. Myu: 223.72 Mya: 254.03
	Hk = 2.890 m	Y-yatay	236.922	254.034	133.3	.0029	15.788	
SA11	BX=25 ßx = 1.088	X-düşey	247.535	6.188	133.3	.0025	13.750	2x8ϕ20+2x8ϕ12 (govde) + ϕ8/15(etriye)
	BY=220 ßy = 1.136	X-yatay	190.116	4.928	133.3	.0025	13.750	
	I/J : 41/ 30	Y-düşey	247.535	54.458	133.3	.0041	22.281	TAS.MOM. Myu: 254.03 Mya: 280.17
	Hk = 2.500 m	Y-yatay	272.336	280.169	133.3	.0041	22.281	
SZ11	BX=25 ßx = 1.456	X-düşey	252.347	-6.309	133.3	.0025	13.750	2x8ϕ20+2x5ϕ14 (govde) + ϕ8/17(etriye)
	BY=220 ßy = 1.140	X-yatay	193.553	4.839	133.3	.0025	13.750	
	I/J : 30/ 19	Y-düşey	252.347	55.516	133.3	.0043	23.402	TAS.MOM. Myu: 280.17 Mya: 286.44
	Hk = 2.500 m	Y-yatay	275.773	286.441	133.3	.0043	23.402	
SB11	BX=25 ßx = 1.083	X-düşey	272.913	-6.823	133.3	.0025	13.750	2x7ϕ20+2x5ϕ14 (govde) + ϕ8/17(etriye)
	BY=220 ßy = 1.018	X-yatay	209.388	5.235	133.3	.0025	13.750	
	I/J : 19/ 0	Y-düşey	272.913	7.765	133.3	.0035	19.270	TAS.MOM. Myu: 286.44 Mya: 286.44
	Hk = 2.500 m	Y-yatay	300.830	-290.753	133.3	.0035	19.270	
SÇ12	BX=20 ßx = 1.035	X-düşey	5.388	.296	106.7	.0027	1.090	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=20 ßy = 1.035	X-yatay	4.935	1.360	106.7	.0027	1.090	
	I/J : 177/ 166	Y-düşey	5.388	-.579	106.7	.0058	2.328	
	Hk = 2.500 m	Y-yatay	6.066	-2.707	106.7	.0058	2.328	
S612	BX=20 ßx = 1.109	X-düşey	12.645	.316	106.7	.0025	1.000	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=20 ßy = 1.110	X-yatay	11.936	.772	106.7	.0025	1.000	
	I/J : 166/ 152	Y-düşey	12.645	-.565	106.7	.0049	1.965	
	Hk = 2.890 m	Y-yatay	11.684	-2.246	106.7	.0049	1.965	
S512	BX=25 ßx = 1.071	X-düşey	20.661	.562	106.7	.0025	1.563	2x3ϕ14 + ϕ8/12/8(etriye)
	BY=25 ßy = 1.072	X-yatay	19.606	1.968	106.7	.0025	1.563	
	I/J : 152/ 136	Y-düşey	20.661	-1.311	106.7	.0063	3.952	
	Hk = 2.890 m	Y-yatay	19.422	-5.762	106.7	.0063	3.952	
S412	BX=25 ßx = 1.104	X-düşey	29.617	.740	106.7	.0025	1.563	2x3ϕ14 + ϕ8/12/8(etriye)
	BY=25 ßy = 1.106	X-yatay	28.627	1.947	106.7	.0025	1.563	
	I/J : 136/ 118	Y-düşey	29.617	-1.198	106.7	.0070	4.351	
	Hk = 2.890 m	Y-yatay	30.143	-5.925	106.7	.0070	4.351	
S312	BX=25 ßx = 1.117	X-düşey	39.392	.985	106.7	.0025	1.875	2x4ϕ16 + ϕ8/12/8(etriye)
	BY=30 ßy = 1.082	X-yatay	38.637	2.313	106.7	.0025	1.875	
	I/J : 118/ 99	Y-düşey	39.392	-1.801	106.7	.0085	6.346	
	Hk = 2.900 m	Y-yatay	44.076	-9.876	106.7	.0085	6.346	
S212	BX=30 ßx = 1.086	X-düşey	49.841	1.495	106.7	.0025	2.250	2x4ϕ16 + ϕ8/15/10(etriye)
	BY=30 ßy = 1.088	X-yatay	49.818	3.486	106.7	.0025	2.250	
	I/J : 99/ 79	Y-düşey	49.841	-1.690	106.7	.0080	7.221	
	Hk = 2.900 m	Y-yatay	59.630	-10.758	106.7	.0080	7.221	
S112	BX=30 ßx = 1.092	X-düşey	61.078	1.832	106.7	.0025	2.625	2x5ϕ16+2x1ϕ14 (govde) + ϕ8/15/10(etriye)
	BY=35 ßy = 1.071	X-yatay	62.774	3.779	106.7	.0025	2.625	
	I/J : 79/ 61	Y-düşey	61.078	-2.330	106.7	.0085	8.877	
	Hk = 2.890 m	Y-yatay	77.260	-15.186	106.7	.0085	8.877	
SA12	BX=35 ßx = 1.224	X-düşey	75.067	2.627	106.7	.0025	3.063	2x4ϕ16+2x1ϕ14 (govde) + ϕ8/18/10(etriye)
	BY=35 ßy = 1.246	X-yatay	77.667	3.637	106.7	.0025	3.063	
	I/J : 61/ 44	Y-düşey	75.067	-2.627	106.7	.0057	7.024	
	Hk = 2.500 m	Y-yatay	98.770	-9.596	106.7	.0057	7.024	
SZ12	BX=40 ßx = 1.158	X-düşey	76.292	3.052	106.7	.0025	3.500	2x3ϕ14+2x2ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=35 ßy = 1.218	X-yatay	78.542	3.142	106.7	.0025	3.500	
	I/J : 44/ 31	Y-düşey	76.292	2.670	106.7	.0025	3.500	
	Hk = 2.500 m	Y-yatay	99.645	-5.132	106.7	.0025	3.500	
SB12	BX=40 ßx = 1.040	X-düşey	91.169	3.647	106.7	.0025	3.500	2x3ϕ14+2x2ϕ14 (govde) + ϕ8/17/10(etriye)
	BY=35 ßy = 1.053	X-yatay	91.485	3.659	106.7	.0025	3.500	
	I/J : 31/ 0	Y-düşey	91.169	-3.191	106.7	.0036	4.993	
	Hk = 2.500 m	Y-yatay	117.871	-7.140	106.7	.0036	4.993	
SÇ13	BX=20 ßx = 1.032	X-düşey	5.195	-.649	106.7	.0049	1.974	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=20 ßy = 1.032	X-yatay	4.006	-2.105	106.7	.0049	1.974	
	I/J : 186/ 179	Y-düşey	5.195	.955	106.7	.0065	2.592	
	Hk = 2.500 m	Y-yatay	5.844	2.862	106.7	.0065	2.592	
S613	BX=20 ßx = 1.079	X-düşey	9.254	-.729	106.7	.0032	1.263	2x3ϕ14 + ϕ8/10/7(etriye)
	BY=20 ßy = 1.079	X-yatay	10.688	-1.609	106.7	.0032	1.263	
	I/J : 179/ 168	Y-düşey	9.254	.628	106.7	.0043	1.719	

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KOLON BETONARME HESAP SONUÇLARI

Kolon			N (t)	maxM	fcd	μ	As	Donatı
S413	BX=20 ξx = 1.162	X-düşey	17.808	-.535	106.7	.0044	1.749	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.163	X-yatay	25.040	-1.630	106.7	.0044	1.749	
	I/J : 154/ 138	Y-düşey	17.808	.546	106.7	.0050	2.008	
	Hk = 2.890 m	Y-yatay	18.017	2.109	106.7	.0050	2.008	
S313	BX=25 ξx = 1.103	X-düşey	22.447	-.760	106.7	.0050	2.475	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.166	X-yatay	33.570	-2.919	106.7	.0050	2.475	
	I/J : 138/ 120	Y-düşey	22.447	.567	106.7	.0047	2.329	
	Hk = 2.900 m	Y-yatay	26.361	2.467	106.7	.0047	2.329	
S213	BX=25 ξx = 1.105	X-düşey	27.928	-.698	106.7	.0041	2.577	2x3φ14 + φ8/12/8(etriye)
	BY=25 ξy = 1.106	X-yatay	43.411	-3.134	106.7	.0041	2.577	
	I/J : 120/ 101	Y-düşey	27.928	.786	106.7	.0047	2.922	
	Hk = 2.900 m	Y-yatay	33.930	4.102	106.7	.0047	2.922	
S113	BX=30 ξx = 1.075	X-düşey	33.341	-1.000	106.7	.0039	2.959	2x3φ14 + φ8/12/8(etriye)
	BY=25 ξy = 1.108	X-yatay	53.722	-4.377	106.7	.0039	2.959	
	I/J : 101/ 81	Y-düşey	33.341	.834	106.7	.0041	3.070	
	Hk = 2.890 m	Y-yatay	42.362	4.328	106.7	.0041	3.070	
SA13	BX=30 ξx = 1.327	X-düşey	38.920	-1.168	106.7	.0032	2.409	2x3φ14 + φ8/12/8(etriye)
	BY=25 ξy = 1.471	X-yatay	63.438	-2.242	106.7	.0032	2.409	
	I/J : 81/ 63	Y-düşey	38.920	.973	106.7	.0032	2.423	
	Hk = 2.500 m	Y-yatay	50.154	2.349	106.7	.0032	2.423	
SZ13	BX=30 ξx = 1.301	X-düşey	39.576	1.187	106.7	.0028	2.129	2x3φ14 + φ8/12/8(etriye)
	BY=25 ξy = 1.484	X-yatay	63.907	1.917	106.7	.0028	2.129	
	I/J : 63/ 45	Y-düşey	39.576	-.989	106.7	.0025	1.875	
	Hk = 2.500 m	Y-yatay	50.623	1.266	106.7	.0025	1.875	
SB13	BX=30 ξx = 1.056	X-düşey	45.681	-1.370	106.7	.0025	2.250	2x3φ14 + φ8/15/10(etriye)
	BY=30 ξy = 1.057	X-yatay	71.114	2.133	106.7	.0025	2.250	
	I/J : 45/ 0	Y-düşey	45.681	1.370	106.7	.0025	2.251	
	Hk = 2.500 m	Y-yatay	56.792	2.507	106.7	.0025	2.250	
SÇ14	BX=20 ξx = 1.019	X-düşey	3.372	.724	106.7	.0046	1.850	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.020	X-yatay	4.672	2.072	106.7	.0046	1.850	
	I/J : 178/ 167	Y-düşey	3.372	-.899	106.7	.0046	1.843	
	Hk = 2.500 m	Y-yatay	3.653	-2.041	106.7	.0046	1.843	
S614	BX=20 ξx = 1.088	X-düşey	10.811	.419	106.7	.0027	1.062	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.097	X-yatay	11.517	1.334	106.7	.0027	1.062	
	I/J : 167/ 153	Y-düşey	10.811	-.896	106.7	.0029	1.173	
	Hk = 2.890 m	Y-yatay	10.641	-1.563	106.7	.0029	1.173	
S514	BX=30 ξx = 1.058	X-düşey	20.939	1.266	106.7	.0037	2.230	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.141	X-yatay	19.401	4.193	106.7	.0037	2.230	
	I/J : 153/ 137	Y-düşey	20.939	-1.219	106.7	.0032	1.927	
	Hk = 2.890 m	Y-yatay	19.796	-2.386	106.7	.0032	1.927	
S414	BX=30 ξx = 1.086	X-düşey	31.467	.991	106.7	.0032	1.927	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.230	X-yatay	28.312	3.739	106.7	.0032	1.927	
	I/J : 137/ 119	Y-düşey	31.467	-1.130	106.7	.0036	2.156	
	Hk = 2.890 m	Y-yatay	29.758	-2.390	106.7	.0036	2.156	
S314	BX=40 ξx = 1.074	X-düşey	43.326	1.733	106.7	.0035	2.777	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ξy = 1.255	X-yatay	38.993	7.232	106.7	.0035	2.777	
	I/J : 119/ 100	Y-düşey	43.326	-1.083	106.7	.0032	2.567	
	Hk = 2.900 m	Y-yatay	41.021	-2.833	106.7	.0032	2.567	
S214	BX=40 ξx = 1.078	X-düşey	56.606	2.264	106.7	.0025	2.500	2x3φ14+2x1φ14 (govde) + φ8/12/8(etriye)
	BY=25 ξy = 1.192	X-yatay	50.986	6.864	106.7	.0025	2.500	
	I/J : 100/ 80	Y-düşey	56.606	-1.415	106.7	.0028	2.807	
	Hk = 2.900 m	Y-yatay	53.672	-4.191	106.7	.0028	2.807	
S114	BX=50 ξx = 1.071	X-düşey	70.396	3.520	106.7	.0025	3.125	2x3φ14+2x2φ14 (govde) + φ8/12/8(etriye)
	BY=25 ξy = 1.162	X-yatay	62.708	10.012	106.7	.0025	3.125	
	I/J : 80/ 62	Y-düşey	70.396	-1.760	106.7	.0025	3.125	
	Hk = 2.890 m	Y-yatay	67.263	-4.342	106.7	.0025	3.125	
SA14	BX=50 ξx = 1.063	X-düşey	84.668	-4.233	106.7	.0025	3.750	2x3φ14+2x2φ14 (govde) + φ8/15/10(etriye)
	BY=30 ξy = 1.406	X-yatay	74.389	-4.924	106.7	.0025	3.750	
	I/J : 62/ 48	Y-düşey	84.668	-2.540	106.7	.0025	3.750	
	Hk = 2.500 m	Y-yatay	81.279	-3.438	106.7	.0025	3.750	
SZ14	BX=50 ξx = 1.109	X-düşey	86.200	-4.310	106.7	.0025	4.375	2x3φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=35 ξy = 1.259	X-yatay	75.483	3.774	106.7	.0025	4.375	
	I/J : 48/ 32	Y-düşey	86.200	3.017	106.7	.0025	4.375	
	Hk = 2.500 m	Y-yatay	82.373	-3.707	106.7	.0025	4.375	
SB14	BX=50 ξx = 1.024	X-düşey	101.621	-5.081	106.7	.0025	4.375	2x3φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=35 ξy = 1.055	X-yatay	87.068	-4.896	106.7	.0025	4.375	
	I/J : 32/ 0	Y-düşey	101.621	-3.557	106.7	.0025	4.375	
	Hk = 2.500 m	Y-yatay	95.172	-5.163	106.7	.0025	4.375	
SÇ15	BX=20 ξx = 1.018	X-düşey	3.031	.385	106.7	.0039	1.543	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.017	X-yatay	2.387	1.551	106.7	.0039	1.543	
	I/J : 187/ 180	Y-düşey	3.031	1.277	106.7	.0067	2.660	
	Hk = 2.500 m	Y-yatay	4.220	2.999	106.7	.0067	2.660	
S615	BX=25 ξx = 1.074	X-düşey	17.186	.430	106.7	.0025	1.250	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.117	X-yatay	12.376	1.562	106.7	.0025	1.250	
	I/J : 180/ 169	Y-düşey	17.186	1.189	106.7	.0055	2.772	
	Hk = 2.890 m	Y-yatay	14.544	3.116	106.7	.0055	2.772	
S515	BX=30 ξx = 1.065	X-düşey	30.043	.901	106.7	.0025	1.875	2x2φ14+2x2φ14 (govde) + φ8/12/8(etriye)
	BY=25 ξy = 1.090	X-yatay	21.673	3.001	106.7	.0025	1.875	
	I/J : 169/ 155	Y-düşey	30.043	2.370	106.7	.0068	5.080	
	Hk = 2.890 m	Y-yatay	22.349	7.205	106.7	.0068	5.080	
S415	BX=30 ξx = 1.096	X-düşey	43.385	1.302	106.7	.0025	1.875	2x2φ14+2x2φ14 (govde) + φ8/12/8(etriye)
	BY=25 ξy = 1.135	X-yatay	30.860	2.708	106.7	.0025	1.875	
	I/J : 155/ 139	Y-düşey	43.385	2.033	106.7	.0070	5.272	
	Hk = 2.890 m	Y-yatay	30.156	6.983	106.7	.0070	5.272	
S315	BX=35 ξx = 1.087	X-düşey	57.932	2.028	106.7	.0025	2.188	2x2φ14+2x2φ14 (govde) + φ8/12/8(etriye)
	BY=25 ξy = 1.160	X-yatay	40.625	3.711	106.7	.0025	2.188	
	I/J : 139/ 121	Y-düşey	57.932	1.448	106.7	.0069	6.061	
	Hk = 2.900 m	Y-yatay	42.169	7.876	106.7	.0069	6.061	
S215	BX=35 ξx = 1.111	X-düşey	72.460	2.536	106.7	.0026	2.259	2x2φ14+2x2φ14 (govde) + φ8/12/8(etriye)
	BY=25 ξy = 1.209	X-yatay	50.594	3.101	106.7	.0025	2.188	!!!! KESIT YETERSIZ !!!!
	I/J : 121/ 102	Y-düşey	72.460	1.811	106.7	.0069	6.017	
	Hk = 2.900 m	Y-yatay	54.267	6.875	106.7	.0069	6.017	
S115	BX=50 ξx = 1.071	X-düşey	90.759	4.538	106.7	.0025	3.750	2x3φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30 ξy = 1.111	X-yatay	65.172	7.225	106.7	.0025	3.750	
	I/J : 102/ 82	Y-düşey	90.759	2.723	106.7	.0048	7.144	
	Hk = 2.890 m	Y-yatay	70.036	12.650	106.7	.0048	7.144	
SA15	BX=50 ξx = 1.073	X-düşey	107.313	-5.366	106.7	.0025	4.375	2x3φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=35 ξy = 1.277	X-yatay	78.585	3.929	106.7	.0025	4.375	
	I/J : 82/ 65	Y-düşey	107.313	3.756	106.7	.0025	4.453	
	Hk = 2.500 m	Y-yatay	85.535	9.732	106.7	.0025	4.453	
SZ15	BX=50 ξx = 1.128	X-düşey	108.844	5.442	106.7	.0025	4.375	2x3φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=35 ξy = 1.283	X-yatay	80.212	4.011	106.7	.0025	4.375	
	I/J : 65/ 46	Y-düşey	108.844	3.810	106.7	.0025	4.375	
	Hk = 2.500 m	Y-yatay	86.629	5.615	106.7	.0025	4.375	
SB15	BX=50 ξx = 1.032	X-düşey	129.524	-6.476	106.7	.0025	4.375	2x3φ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=35 ξy = 1.062	X-yatay	95.906	4.795	106.7	.0025	4.375	
	I/J : 46/ 0	Y-düşey	129.524	4.533	106.7	.0025	4.375	
	Hk = 2.500 m	Y-yatay	103.276	7.321	106.7	.0025	4.375	
SÇ16	BX=20 ξx = 1.044	X-düşey	7.749	-.424	106.7	.0040	1.609	2x3φ14 + φ8/10/7(etriye)
	BY=20 ξy = 1.046	X-yatay	7.268	-1.603	106.7	.0040	1.609	
	I/J : 192/ 189	Y-düşey	7.749	1.605	106.7	.0057	2.266	
	Hk = 2.500 m	Y-yatay	5.439	2.556	106.7	.0057	2.266	
S616	BX=20 ξx = 1.045	X-düşey	2.743	-.069	106.7	.0025	1.250	2x3φ14 + φ8/10/7(etriye)
	BY=25 ξy = 1.027	X-yatay	2.202	.055	106.7	.0025	1.250	
	I/J : 189/ 183	Y-düşey	2.743	1.084	106.7	.0026	1.277	

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Kolon			N (t)	maxM	fcd	μ	As	Donati
S416	BX=25 ßx = 1.086	X-düşey	8.578	-.214	106.7	.0025	1.563	2xЗφ14 + φ8/12/8(etriye)
	BY=25 ßy = 1.060	X-yatay	10.273	.257	106.7	.0025	1.563	
	I/J : 172/ 158	Y-düşey	8.578	.852	106.7	.0025	1.564	
	Hk = 2.890 m	Y-yatay	9.056	2.010	106.7	.0025	1.563	
S316	BX=30 ßx = 1.074	X-düşey	15.558	-.467	106.7	.0025	2.250	2xЗφ14 + φ8/15/10(etriye)
	BY=30 ßy = 1.065	X-yatay	21.181	.635	106.7	.0025	2.250	
	I/J : 158/ 142	Y-düşey	15.558	1.279	106.7	.0025	2.251	
	Hk = 2.900 m	Y-yatay	17.211	3.591	106.7	.0025	2.250	
S216	BX=30 ßx = 1.078	X-düşey	21.785	-.654	106.7	.0025	2.625	2xЗφ14+2x1φ14 (govde) + φ8/15/10(etriye)
	BY=35 ßy = 1.066	X-yatay	33.042	.991	106.7	.0025	2.625	
	I/J : 142/ 124	Y-düşey	21.785	1.487	106.7	.0025	2.625	
	Hk = 2.900 m	Y-yatay	25.098	5.011	106.7	.0025	2.625	
S116	BX=35 ßx = 1.071	X-düşey	29.175	-1.021	106.7	.0025	3.063	2x2φ14+2x2φ14 (govde) + φ8/17/10(etriye)
	BY=35 ßy = 1.070	X-yatay	54.154	1.895	106.7	.0025	3.063	
	I/J : 124/ 105	Y-düşey	29.175	1.423	106.7	.0025	3.063	
	Hk = 2.890 m	Y-yatay	34.893	5.899	106.7	.0025	3.063	
SA16	BX=35 ßx = 1.063	X-düşey	36.925	-1.292	106.7	.0025	3.500	2xЗφ14+2x2φ14 (govde) + φ8/17/10(etriye)
	BY=40 ßy = 1.087	X-yatay	73.919	2.587	106.7	.0025	3.500	
	I/J : 105/ 85	Y-düşey	36.925	1.477	106.7	.0025	3.500	
	Hk = 2.500 m	Y-yatay	35.840	4.468	106.7	.0025	3.500	
SZ16	BX=40 ßx = 1.065	X-düşey	42.499	1.700	106.7	.0025	4.001	2x4φ14+2x2φ14 (govde) + φ8/17/10(etriye)
	BY=40 ßy = 1.092	X-yatay	98.338	3.934	106.7	.0025	4.000	
	I/J : 85/ 64	Y-düşey	42.499	-1.700	106.7	.0025	4.000	
	Hk = 2.500 m	Y-yatay	56.915	3.682	106.7	.0025	4.000	
SB16	BX=40 ßx = 1.024	X-düşey	47.449	-1.898	106.7	.0025	4.000	2x4φ14+2x2φ14 (govde) + φ8/17/10(etriye)
	BY=40 ßy = 1.019	X-yatay	114.268	4.571	106.7	.0025	4.000	
	I/J : 64/ 0	Y-düşey	47.449	1.898	106.7	.0025	4.001	
	Hk = 2.500 m	Y-yatay	64.502	6.072	106.7	.0025	4.000	
S617	BX=20 ßx = 1.045	X-düşey	4.937	-.176	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.039	X-yatay	3.821	-1.194	106.7	.0025	1.000	
	I/J : 182/ 171	Y-düşey	4.937	-.123	106.7	.0041	1.632	
	Hk = 2.890 m	Y-yatay	4.253	-1.949	106.7	.0041	1.632	
S517	BX=20 ßx = 1.103	X-düşey	11.785	-.295	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.100	X-yatay	9.653	-1.120	106.7	.0025	1.000	
	I/J : 171/ 157	Y-düşey	11.785	-.295	106.7	.0042	1.679	
	Hk = 2.890 m	Y-yatay	10.535	-2.013	106.7	.0042	1.679	
S417	BX=20 ßx = 1.169	X-düşey	18.100	-.453	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.164	X-yatay	15.204	-1.072	106.7	.0025	1.000	
	I/J : 157/ 141	Y-düşey	18.100	-.453	106.7	.0049	1.966	
	Hk = 2.890 m	Y-yatay	16.585	-2.085	106.7	.0049	1.966	
S317	BX=20 ßx = 1.237	X-düşey	23.956	-.599	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.230	X-yatay	20.492	-1.015	106.7	.0025	1.000	
	I/J : 141/ 123	Y-düşey	23.956	.599	106.7	.0056	2.234	
	Hk = 2.900 m	Y-yatay	22.027	-2.056	106.7	.0056	2.234	
S217	BX=25 ßx = 1.144	X-düşey	29.346	-.734	106.7	.0025	1.250	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.227	X-yatay	25.886	-1.750	106.7	.0025	1.250	
	I/J : 123/ 104	Y-düşey	29.346	.734	106.7	.0053	2.649	
	Hk = 2.900 m	Y-yatay	28.508	2.505	106.7	.0053	2.649	
S117	BX=30 ßx = 1.101	X-düşey	34.426	-1.033	106.7	.0025	1.500	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.224	X-yatay	32.050	2.545	106.7	.0025	1.500	
	I/J : 104/ 84	Y-düşey	34.426	.861	106.7	.0051	3.061	
	Hk = 2.890 m	Y-yatay	36.171	2.838	106.7	.0051	3.061	
SA17	BX=30 ßx = 1.109	X-düşey	39.126	1.174	106.7	.0037	2.198	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 2.553	X-yatay	37.716	1.315	106.7	.0025	1.500	
	I/J : 84/ 66	Y-düşey	39.126	.978	106.7	.0063	3.806	
	Hk = 2.500 m	Y-yatay	42.682	1.510	106.7	.0063	3.806	
SZ17	BX=30 ßx = 1.418	X-düşey	39.651	-1.190	106.7	.0025	1.500	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 2.613	X-yatay	38.091	1.143	106.7	.0025	1.500	
	I/J : 66/ 49	Y-düşey	39.651	-.991	106.7	.0062	3.705	
	Hk = 2.500 m	Y-yatay	43.057	1.076	106.7	.0046	2.765	
SB17	BX=30 ßx = 1.087	X-düşey	45.604	-1.368	106.7	.0025	1.500	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.212	X-yatay	43.097	1.293	106.7	.0025	1.500	
	I/J : 49/ 0	Y-düşey	45.604	-1.140	106.7	.0029	1.740	
	Hk = 2.500 m	Y-yatay	48.681	1.217	106.7	.0029	1.740	
S618	BX=20 ßx = 1.101	X-düşey	8.550	-.214	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.068	X-yatay	8.201	-.414	106.7	.0025	1.000	
	I/J : 190/ 184	Y-düşey	8.550	.331	106.7	.0054	2.160	
	Hk = 2.890 m	Y-yatay	7.849	2.500	106.7	.0054	2.160	
S518	BX=30 ßx = 1.104	X-düşey	18.577	-.557	106.7	.0025	1.500	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 1.104	X-yatay	17.680	-.794	106.7	.0025	1.500	
	I/J : 184/ 173	Y-düşey	18.577	.464	106.7	.0058	3.463	
	Hk = 2.890 m	Y-yatay	17.710	3.903	106.7	.0058	3.463	
S418	BX=30 ßx = 1.176	X-düşey	29.222	.877	106.7	.0025	1.500	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 1.176	X-yatay	27.680	.830	106.7	.0025	1.500	
	I/J : 173/ 159	Y-düşey	29.222	.731	106.7	.0066	3.952	
	Hk = 2.890 m	Y-yatay	28.105	3.973	106.7	.0066	3.952	
S318	BX=30 ßx = 1.262	X-düşey	40.451	1.214	106.7	.0025	1.500	2x2φ14+2x1φ14 (govde) + φ8/10/7(etriye)
	BY=20 ßy = 1.261	X-yatay	38.194	1.146	106.7	.0025	1.500	
	I/J : 159/ 143	Y-düşey	40.451	1.011	106.7	.0076	4.586	
	Hk = 2.900 m	Y-yatay	39.348	3.798	106.7	.0076	4.586	
S218	BX=35 ßx = 1.191	X-düşey	52.728	-1.845	106.7	.0025	2.625	2x2φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.080	X-yatay	49.573	1.735	106.7	.0025	2.625	
	I/J : 143/ 125	Y-düşey	52.728	1.582	106.7	.0068	7.181	
	Hk = 2.900 m	Y-yatay	50.957	12.215	106.7	.0068	7.181	
S118	BX=40 ßx = 1.227	X-düşey	65.410	-2.616	106.7	.0025	3.000	2x2φ14+2x3φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.088	X-yatay	61.026	2.441	106.7	.0025	3.000	
	I/J : 125/ 106	Y-düşey	65.410	1.962	106.7	.0057	6.784	
	Hk = 2.890 m	Y-yatay	62.084	11.589	106.7	.0057	6.784	
SA18	BX=50 ßx = 1.212	X-düşey	78.390	-3.920	106.7	.0025	3.750	2xЗφ14+2x2φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.290	X-yatay	72.251	3.613	106.7	.0025	3.750	
	I/J : 106/ 87	Y-düşey	78.390	2.352	106.7	.0030	4.489	
	Hk = 2.500 m	Y-yatay	73.421	7.807	106.7	.0030	4.489	
SZ18	BX=50 ßx = 1.312	X-düşey	79.703	3.985	106.7	.0025	3.750	2xЗφ14+2x2φ14 (govde) + φ8/15/10(etriye)
	BY=30 ßy = 1.297	X-yatay	73.188	3.659	106.7	.0025	3.750	
	I/J : 87/ 67	Y-düşey	79.703	-2.391	106.7	.0025	3.750	
	Hk = 2.500 m	Y-yatay	74.359	3.449	106.7	.0025	3.750	
SB18	BX=50 ßx = 1.033	X-düşey	95.366	4.768	106.7	.0025	4.375	2xЗφ14+2x3φ14 (govde) + φ8/17/10(etriye)
	BY=35 ßy = 1.044	X-yatay	84.824	4.241	106.7	.0025	4.375	
	I/J : 67/ 0	Y-düşey	95.366	3.338	106.7	.0025	4.375	
	Hk = 2.500 m	Y-yatay	86.826	8.048	106.7	.0025	4.375	
S619	BX=20 ßx = 1.045	X-düşey	1.240	-.031	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.027	X-yatay	1.635	.041	106.7	.0025	1.000	
	I/J : 193/ 191	Y-düşey	1.240	.561	106.7	.0026	1.042	
	Hk = 2.890 m	Y-yatay	1.008	1.186	106.7	.0026	1.042	
S519	BX=20 ßx = 1.058	X-düşey	2.893	-.072	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.041	X-yatay	4.158	.104	106.7	.0025	1.000	
	I/J : 191/ 185	Y-düşey	2.893	.375	106.7	.0025	1.001	
	Hk = 2.890 m	Y-yatay	2.441	.913	106.7	.0025	1.000	
S419	BX=20 ßx = 1.086	X-düşey	4.474	-.112	106.7	.0025	1.000	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.060	X-yatay	7.440	.186	106.7	.0025	1.000	
	I/J : 185/ 174	Y-düşey	4.474	.355	106.7	.0025	1.001	
	Hk = 2.890 m	Y-yatay	3.780	.982	106.7	.0025	1.000	
S319	BX=25 ßx = 1.074	X-düşey	7.500	-.187	106.7	.0025	1.250	2xЗφ14 + φ8/10/7(etriye)
	BY=20 ßy = 1.065	X-yatay	14.906	.373	106.7	.0025	1.250	
	I/J : 174/ 160	Y-düşey	7.500	.357	106.7	.0025	1.250	

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

KOLON BETONARME HESAP SONUÇLARI

Kolon				N (t)	maxM	fcd	μ	As	Donatı
S119	BX=30	ßx = 1.071	X-dûsey	16.113	-.483	106.7	.0025	1.875	2x3φ14 + φ8/12/8(etriye)
	BY=25	ßy = 1.070	X-yatay	39.298	1.179	106.7	.0025	1.875	
	I/J : 144/ 126		Y-dûsey	16.113	.403	106.7	.0025	1.875	
	Hk = 2.890 m		Y-yatay	13.457	2.505	106.7	.0025	1.875	
SA19	BX=30	ßx = 1.063	X-dûsey	21.406	-.642	106.7	.0025	2.250	2x3φ14 + φ8/15/10(etriye)
	BY=30	ßy = 1.122	X-yatay	56.331	1.690	106.7	.0025	2.250	
	I/J : 126/ 107		Y-dûsey	21.406	.642	106.7	.0025	2.251	
	Hk = 2.500 m		Y-yatay	17.040	2.369	106.7	.0025	2.250	
SZ19	BX=30	ßx = 1.065	X-dûsey	23.048	-.691	106.7	.0025	2.251	2x3φ14 + φ8/15/10(etriye)
	BY=30	ßy = 1.133	X-yatay	67.603	2.028	106.7	.0025	2.250	
	I/J : 107/ 86		Y-dûsey	23.048	.691	106.7	.0025	2.250	
	Hk = 2.500 m		Y-yatay	16.576	1.653	106.7	.0025	2.250	
SB19	BX=35	ßx = 1.024	X-dûsey	29.303	-1.026	106.7	.0025	2.625	2x3φ14+2x1φ14 (govde) + φ8/15/10(etriye)
	BY=30	ßy = 1.031	X-yatay	88.666	3.103	106.7	.0025	2.625	
	I/J : 86/ 0		Y-dûsey	29.303	.879	106.7	.0025	2.625	
	Hk = 2.500 m		Y-yatay	22.027	2.753	106.7	.0025	2.625	

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

PERDE-KIRIS BETONARME HESAP SONUÇLARI

Kolon			N (t)	maxM	fcd	μ	As	Donati
PKB03	BX=320	X-düsey	250.082	8.059	133.3	.0045	35.684	2xl5φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	254.127	-853.983	133.3	.0045	35.684	
	I/J :4-0/1-0	Y-düsey	250.082	6.252	133.3	.0025	20.000	
	Hk = 2.500 m	Y-yatay	258.567	-9.256	133.3	.0025	20.000	
PKB10	BX=305	X-düsey	231.652	-9.674	133.3	.0044	33.696	2x14φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	219.331	766.682	133.3	.0044	33.696	
	I/J :86-0/64-0	Y-düsey	231.652	5.791	133.3	.0025	19.063	
	Hk = 2.500 m	Y-yatay	235.080	10.345	133.3	.0025	19.063	
PKZ03	BX=320	X-düsey	233.161	9.382	133.3	.0035	27.615	2xl5φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	226.805	-706.565	133.3	.0035	27.615	
	I/J :7-4/2-1	Y-düsey	233.161	5.829	133.3	.0025	20.000	
	Hk = 2.500 m	Y-yatay	242.180	-12.320	133.3	.0025	20.000	
PKZ14	BX=310	X-düsey	213.391	-7.128	133.3	.0033	25.759	2x14φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	207.857	-642.610	133.3	.0033	25.759	
	I/J :107-86/85	Y-düsey	213.391	5.335	133.3	.0025	19.375	
	Hk = 2.500 m	Y-yatay	216.933	9.545	133.3	.0025	19.375	
PKA03	BX=330	X-düsey	214.745	5.842	133.3	.0025	20.490	2x16φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	206.135	-595.870	133.3	.0025	20.490	
	I/J :13-7/5-2	Y-düsey	214.745	5.369	133.3	.0025	20.625	
	Hk = 2.500 m	Y-yatay	220.323	-15.507	133.3	.0025	20.625	
PKA10	BX=315	X-düsey	208.475	-17.016	133.3	.0024	19.046	2xl5φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	193.900	532.749	133.3	.0024	19.046	
	I/J :126-107/1	Y-düsey	208.475	5.212	133.3	.0025	19.688	
	Hk = 2.500 m	Y-yatay	217.203	9.801	133.3	.0025	19.688	
PK103	BX=335	X-düsey	193.734	5.661	133.3	.0018	15.325	2x16φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	182.449	498.188	133.3	.0018	15.325	
	I/J :22-13/11-	Y-düsey	193.734	4.843	133.3	.0025	20.938	
	Hk = 2.890 m	Y-yatay	195.016	-15.879	133.3	.0025	20.938	
PK110	BX=315	X-düsey	188.281	-18.836	133.3	.0019	14.640	2xl5φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	172.367	444.966	133.3	.0019	14.640	
	I/J :144-126/1	Y-düsey	188.281	4.707	133.3	.0025	19.688	
	Hk = 2.890 m	Y-yatay	192.964	17.566	133.3	.0025	19.688	
PK203	BX=350	X-düsey	172.349	10.742	133.3	.0013	11.151	2x16φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	155.192	411.911	133.3	.0013	11.151	
	I/J :35-22/20-	Y-düsey	172.349	-6.043	133.3	.0025	21.875	
	Hk = 2.900 m	Y-yatay	170.512	-18.739	133.3	.0025	21.875	
PK210	BX=320	X-düsey	165.028	-23.361	133.3	.0013	10.336	2xl5φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	147.879	354.184	133.3	.0013	10.336	
	I/J :160-144/1	Y-düsey	165.028	4.760	133.3	.0025	20.000	
	Hk = 2.900 m	Y-yatay	165.188	18.023	133.3	.0025	20.000	
PK303	BX=355	X-düsey	142.624	14.694	133.3	.0010	8.875	2x17φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	123.799	307.993	133.3	.0010	8.875	
	I/J :52-35/33-	Y-düsey	142.624	-6.560	133.3	.0025	22.188	
	Hk = 2.900 m	Y-yatay	137.494	-19.452	133.3	.0025	22.188	
PK310	BX=325	X-düsey	138.450	-20.769	133.3	.0010	8.125	2xl5φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	121.036	265.600	133.3	.0010	8.125	
	I/J :174-160/1	Y-düsey	138.450	6.562	133.3	.0025	20.313	
	Hk = 2.900 m	Y-yatay	135.730	19.736	133.3	.0025	20.313	
PK403	BX=355	X-düsey	110.784	17.924	133.3	.0010	8.875	2x17φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	94.658	208.922	133.3	.0010	8.875	
	I/J :70-52/50-	Y-düsey	110.784	-8.215	133.3	.0025	22.188	
	Hk = 2.890 m	Y-yatay	104.076	-19.552	133.3	.0025	22.188	
PK410	BX=335	X-düsey	110.102	-26.253	133.3	.0010	8.375	2x16φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	93.105	185.688	133.3	.0010	8.375	
	I/J :185-174/1	Y-düsey	110.102	8.808	133.3	.0025	20.938	
	Hk = 2.890 m	Y-yatay	105.815	22.426	133.3	.0025	20.938	
PK503	BX=355	X-düsey	75.157	19.962	133.3	.0010	8.875	2x17φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	63.254	110.806	133.3	.0010	8.875	
	I/J :90-70/68-	Y-düsey	75.157	-8.749	133.3	.0025	22.188	
	Hk = 2.890 m	Y-yatay	69.125	-17.827	133.3	.0025	22.188	
PK510	BX=335	X-düsey	74.714	-27.590	133.3	.0010	8.375	2x16φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	62.818	97.758	133.3	.0010	8.375	
	I/J :191-185/1	Y-düsey	74.714	9.438	133.3	.0025	20.938	
	Hk = 2.890 m	Y-yatay	69.542	20.951	133.3	.0025	20.938	
PK603	BX=360	X-düsey	39.215	28.582	133.3	.0010	9.000	2x17φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	32.436	68.419	133.3	.0010	9.000	
	I/J :109-90/88	Y-düsey	39.215	-14.596	133.3	.0025	22.500	
	Hk = 2.890 m	Y-yatay	35.004	-26.235	133.3	.0025	22.500	
PK610	BX=340	X-düsey	38.512	-31.636	133.3	.0010	8.500	2x16φ12 (dusey) + φ8/15 (yatay)
	BY=25	X-yatay	32.811	-64.683	133.3	.0010	8.500	
	I/J :193-191/1	Y-düsey	38.512	14.294	133.3	.0025	21.250	
	Hk = 2.890 m	Y-yatay	33.831	28.123	133.3	.0025	21.250	

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITC.ST4

TEMELLERE GELEN KOLON YUKLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SB01	N	90.48	15.35	(azaltma	Nq=	15.35x1.000	=	15.35)	0.00	93.56	99.74	45.49	54.63	7.71	8.24	12.58	15.38
Alt Mx		-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.08	-1.23	.14	-.08	-.09	-.11	.05	-.02
Alt My		-.08	-.03	-.04	.01	0.00	-.04	-.02	0.00	.07	-.18	1.77	1.39	.01	-.01	.58	.46
SB02	N	70.45	22.33	(azaltma	Nq=	22.33x1.000	=	22.33)	0.00	35.37	39.41	-25.31	-19.47	2.86	3.19	-7.48	-5.78
Alt Mx		.70	.25	.13	.12	.18	.18	.14	0.00	-5.94	-5.88	.11	.19	-.52	-.52	.02	.05
Alt My		-.17	-.05	.11	-.15	-.12	.09	-.06	0.00	.23	-.65	7.16	5.84	.03	-.04	2.32	1.90
SB03	N	38.46	8.50	(azaltma	Nq=	8.50x1.000	=	8.50)	0.00	22.36	22.63	-23.48	-23.10	1.85	1.87	-6.84	-6.73
Alt Mx		.16	.01	.01	0.00	0.00	.01	0.00	0.00	-1.62	-1.38	-.12	.24	-.15	-.12	-.05	.06
Alt My		.12	.05	-.02	.07	.05	-.02	.06	0.00	.17	-.16	2.63	2.14	.02	-.01	.85	.70
SB04	N	106.83	17.61	(azaltma	Nq=	17.61x1.000	=	17.61)	0.00	-32.84	-44.72	69.14	51.77	-2.64	-3.64	20.67	15.47
Alt Mx		-.03	0.00	0.00	0.00	0.00	0.00	.01	0.00	-5.58	-6.34	.71	-.43	-.48	-.55	.27	-.09
Alt My		-.04	-.05	-.08	.03	.02	-.08	-.05	0.00	.13	-.09	3.81	3.49	.01	0.00	1.22	1.12
SB05	N	109.27	26.46	(azaltma	Nq=	26.46x1.000	=	26.46)	0.00	-28.09	-27.56	-14.56	-13.80	-2.32	-2.28	-4.13	-3.90
Alt Mx		-1.27	-.24	-.10	-.13	-.22	-.19	-.06	0.00	-24.43	-24.22	.57	.89	-2.15	-2.13	.14	.24
Alt My		-.13	-.02	.28	-.30	-.22	.26	-.07	0.00	.58	-.37	12.59	11.17	.07	-.02	4.05	3.60
SB06	N	77.01	13.08	(azaltma	Nq=	13.08x1.000	=	13.08)	0.00	13.67	16.44	-50.09	-46.04	1.08	1.31	-14.61	-13.41
Alt Mx		-.49	-.07	-.02	-.05	-.08	-.06	.02	0.00	-15.52	-13.31	-1.05	2.25	-1.40	-1.20	-.49	.55
Alt My		.19	.08	-.06	.14	.10	-.05	.12	0.00	.18	-.20	4.86	4.30	.02	-.01	1.57	1.39
SB07	N	51.14	9.43	(azaltma	Nq=	9.43x1.000	=	9.43)	0.00	-31.66	-36.77	32.18	24.76	-2.54	-2.96	9.68	7.50
Alt Mx		.45	.13	.08	.05	.06	.11	.09	0.00	-3.59	-4.14	.43	-.38	-.31	-.35	.17	-.09
Alt My		-.11	-.04	-.04	0.00	-.01	-.04	-.04	0.00	.06	0.00	2.88	2.80	.01	0.00	.91	.89
SB08	N	77.18	22.53	(azaltma	Nq=	22.53x1.000	=	22.53)	0.00	-9.67	-11.77	49.69	46.67	-.76	-.93	14.59	13.72
Alt Mx		1.42	.56	.02	.54	.56	.52	.05	0.00	-7.27	-7.39	.30	.13	-.64	-.65	.09	.04
Alt My		.04	-.02	.04	-.06	-.06	.02	0.00	0.00	.04	-.06	5.41	5.26	0.00	0.00	1.71	1.67
SB09	N	56.79	14.10	(azaltma	Nq=	14.10x1.000	=	14.10)	0.00	-7.34	-7.74	35.88	35.29	-.60	-.63	10.53	10.35
Alt Mx		.13	.08	-.03	.11	.11	.07	-.02	0.00	-2.58	-2.38	-.05	.24	-.23	-.21	-.03	.06
Alt My		-.35	-.03	-.05	.02	.01	-.06	-.02	0.00	-.10	-.54	19.33	18.67	0.00	-.04	6.15	5.94
SB10	N	94.53	14.18	(azaltma	Nq=	14.18x1.000	=	14.18)	0.00	-32.84	-24.96	-124.70	-113.37	-2.82	-2.17	-36.74	-33.45
Alt Mx		-.16	-.02	-.02	.01	.01	-.02	-.02	0.00	-2.28	-2.01	-.10	.30	-.20	-.18	-.05	.08
Alt My		-3.18	-.96	-.36	-.58	-.63	-.46	-.78	0.00	-.69	-6.07	230.34	222.24	.04	-.44	72.97	70.38
SB11	N	163.01	27.94	(azaltma	Nq=	27.94x1.000	=	27.94)	0.00	12.05	18.44	100.68	109.88	.91	1.44	28.12	30.81
Alt Mx		-.08	-.03	-.05	.02	.02	-.06	-.01	0.00	-3.10	-3.46	.25	-.28	-.27	-.30	.10	-.07
Alt My		-3.12	-1.19	-.42	-.76	-.85	-.57	-.94	0.00	-12.23	1.60	265.85	286.44	-1.24	-.03	82.71	89.13
SB12	N	51.32	12.08	(azaltma	Nq=	12.08x1.000	=	12.08)	0.00	28.09	24.18	-48.82	-54.48	2.36	2.04	-13.91	-15.56
Alt Mx		.13	.02	.06	-.04	-.04	.02	.05	0.00	-2.59	-2.51	-.31	-.19	-.23	-.22	-.10	-.06
Alt My		-.21	-.11	-.02	-.09	-.09	-.03	-.10	0.00	-.07	.22	5.87	6.31	-.01	.02	1.83	1.97
SB13	N	25.82	5.96	(azaltma	Nq=	5.96x1.000	=	5.96)	0.00	39.34	33.57	-16.69	-25.01	3.30	2.83	-4.27	-6.69
Alt Mx		0.00	-.01	-.01	0.00	0.00	-.01	0.00	0.00	-1.42	-1.22	-.14	.16	-.13	-.11	-.06	.04
Alt My		.04	.04	0.00	.04	.04	0.00	.03	0.00	0.00	.09	2.29	2.43	0.00	.01	.71	.76
SB14	N	59.36	11.57	(azaltma	Nq=	11.57x1.000	=	11.57)	0.00	-17.09	-16.13	22.85	24.24	-1.42	-1.34	6.36	6.76
Alt Mx		-.13	-.05	.04	-.09	-.08	.03	-.06	0.00	-4.08	-4.68	.48	-.41	-.35	-.40	.19	-.09
Alt My		-.57	-.25	-.26	0.00	-.01	-.26	-.23	0.00	-.30	.09	3.74	4.33	-.03	0.00	1.16	1.34
SB15	N	70.47	19.29	(azaltma	Nq=	19.29x1.000	=	19.29)	0.00	-6.14	-5.41	12.41	13.52	-.54	-.47	3.64	3.99
Alt Mx		-.43	-.12	-.10	-.01	-.01	-.09	-.13	0.00	-4.01	-3.92	-.50	-.36	-.35	-.35	-.15	-.11
Alt My		.28	.04	.21	-.17	-.15	.20	.02	0.00	-.01	.55	5.99	6.84	-.01	.04	1.85	2.12
SB16	N	97.42	16.80	(azaltma	Nq=	16.80x1.000	=	16.80)	0.00	52.47	39.43	-48.77	-67.82	4.63	3.53	-12.76	-18.47
Alt Mx		0.00	0.00	0.00	-.01	-.01	0.00	0.00	0.00	-3.90	-3.38	-.27	.51	-.35	-.30	-.12	.12
Alt My		.17	.11	-.02	.12	.12	-.01	.10	0.00	-.13	.31	5.14	5.79	-.02	.02	1.59	1.80
SB17	N	26.94	4.93	(azaltma	Nq=	4.93x1.000	=	4.93)	0.00	-12.34	-11.23	15.20	16.81	-1.03	-.94	4.26	4.73
Alt Mx		0.00	.01	.01	0.00	.01	.01	.01	0.00	-.66	-.77	.04	-.12	-.06	-.07	.02	-.03
Alt My		-.02	-.02	-.02	0.00	0.00	-.02	-.02	0.00	-.06	.07	.77	.96	-.01	0.00	.23	.29
SB18	N	53.82	12.51	(azaltma	Nq=	12.51x1.000	=	12.51)	0.00	-22.12	-18.49	15.26	20.49	-1.85	-1.56	4.03	5.54
Alt Mx		.15	.08	.03	.04	.04	.03	.08	0.00	-2.18	-2.24	.09	-.01	-.19	-.20	.03	0.00
Alt My		.09	-.03	.13	-.17	-.15	.13	-.05	0.00	-.88	.18	6.25	7.83	-.09	0.00	1.90	2.39
SB19	N	86.85	14.71	(azaltma	Nq=	14.71x1.000	=	14.71)	0.00	-96.77	-89.05	-46.36	-34.99	-8.19	-7.53	-13.72	-10.25
Alt Mx		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	-1.71	-.14	.26	-.18	-.15	-.06	.06
Alt My		.13	.06	-.01	.07	.06	-.01	.06	0.00	-.30	.07	2.01	2.56	-.03	0.00	.61	.78
TOPLAM	N	1407.	289.														

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RADYE TEMELERIN SONLU ELEMANLARLA ANALIZI

BETONARME HESAP YÖNTEMÝ .....:TARIMA GÜCÜ YÖNTEMÝ (TS 500, 1984) (Süneklilik kontrolu ile betonarme hesabi)

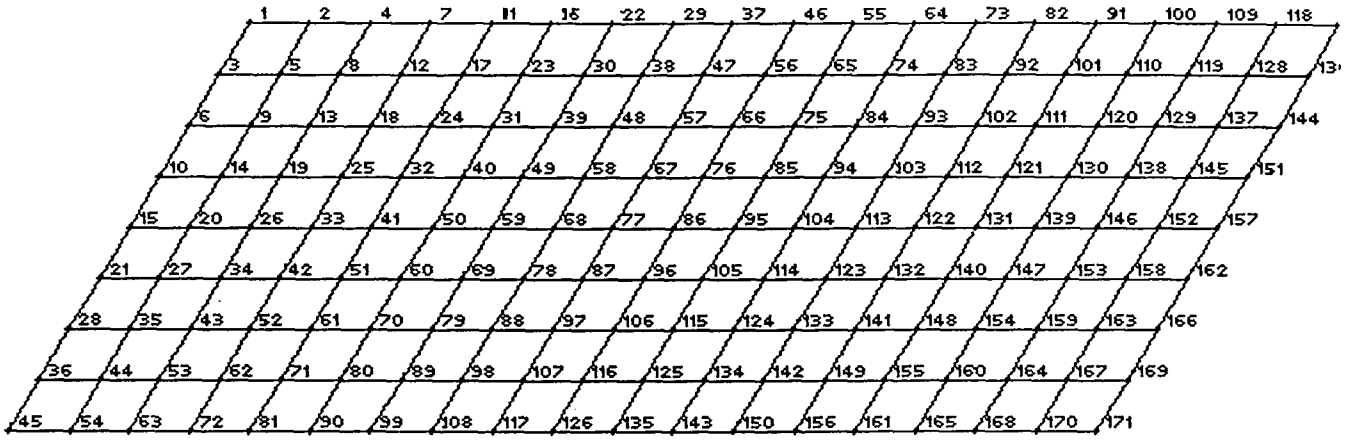
BETON ve ÇELÝK MALZEME BÝLGÝLERÝ
Beton dayanim gerilmesi (kg/cm²).: 160
Çelik akma gerilmesi (kg/cm²).: 4200

TARIMA GÜCÜ MALZEME KATSAYILARI :
BETON .....: 1.50
ÇELÝK .....: 1.15

YÜK KOMBÝNASYON PARAMETRESÝ

Cg	Cq	Cs	Ce	Cw
1.40	1.60	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00
1.40	0.00	0.00	0.00	0.00
1.00	1.00	0.00	1.00	0.00
1.00	1.00	1.00	1.00	0.00
0.90	0.00	0.00	1.00	0.00
1.00	1.30	0.00	0.00	1.30
1.00	1.30	1.00	0.00	1.30
0.90	0.00	0.00	0.00	1.30
0.90	0.00	0.90	0.00	1.30

STATÝK ANALÝZ YÜK KOMBÝNASYON NOTASYONLARI:
1. G+G+G+G+G : GENEL ÖLÜ YÜK
2. Q+Q+Q+Q+Q : 1. GENEL HAREKETLÝ YÜK
3. Q+o+Q+o+Q : 2. HAREKETLÝ YÜK
4. o+Q+o+Q+o : 3. HAREKETLÝ YÜK
5. Q+Q+o+Q+Q : 4. HAREKETLÝ YÜK
6. o+Q+Q+o+Q : 5. HAREKETLÝ YÜK
7. Q+o+Q+Q+o : 6. HAREKETLÝ YÜK
8. Gz : Yatay zemin itkisi
9. Ex + %5 x ey : X yönü deprem + %5 eksantrisite
10. Ex - %5 x ey : X yönü deprem - %5 eksantrisite
11. Ey + %5 x ex : Y yönü deprem + %5 eksantrisite
12. Ey - %5 x ex : Y yönü deprem - %5 eksantrisite
13. Wx + %5 x ey : X yönü rüzgar + %5 eksantrisite
14. Wx - %5 x ey : X yönü rüzgar - %5 eksantrisite
15. Wy + %5 x ex : Y yönü rüzgar + %5 eksantrisite
16. Wy - %5 x ex : Y yönü rüzgar - %5 eksantrisite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3 5 8 12 17 23 30 38 47 56 65 74 83 92 101 110 119 128
6 9 13 18 24 31 39 48 57 66 75 84 93 102 111 120 129 137 144
10 14 19 25 32 40 49 58 67 76 85 94 103 112 121 130 138 145 151
15 20 26 33 41 50 59 68 77 86 95 104 113 122 131 139 146 152 157
21 27 34 42 51 60 69 78 87 96 105 114 123 132 140 147 153 158 162
28 35 43 52 61 70 79 88 97 106 115 124 133 141 148 154 159 163 166
36 44 53 62 71 80 89 98 107 116 125 134 142 149 155 160 164 167 169
45 54 63 72 81 90 99 108 117 126 135 143 150 156 161 165 168 170 171

MESH BILGILERI

Mesh no	I	J	K	L	Mesh no	I	J	K	L	Mesh no	I	J	K	L
1	1	2	5	3	2	2	4	8	5	3	4	7	12	8
4	7	11	17	12	5	11	16	23	17	6	16	22	30	23
7	22	29	38	30	8	29	37	47	38	9	37	46	56	47
10	46	55	65	56	11	55	64	74	65	12	64	73	83	74
13	73	82	92	83	14	82	91	101	92	15	91	100	110	101
16	100	109	119	110	17	109	118	128	119	18	118	127	136	128
19	3	5	9	6	20	5	8	13	9	21	8	12	18	13
22	12	17	24	18	23	17	23	31	24	24	23	30	39	31
25	30	38	48	39	26	38	47	57	48	27	47	56	66	57
28	56	65	75	66	29	65	74	84	75	30	74	83	93	84
31	83	92	102	93	32	92	101	111	102	33	101	110	120	111
34	110	119	129	120	35	119	128	137	129	36	128	136	144	137
37	6	9	14	10	38	9	13	19	14	39	13	18	25	19
40	18	24	32	25	41	24	31	40	32	42	31	39	49	40
43	39	48	58	49	44	48	57	67	58	45	57	66	76	67
46	66	75	85	76	47	75	84	94	85	48	84	93	103	94
49	93	102	112	103	50	102	111	121	112	51	111	120	130	121
52	120	129	138	130	53	129	137	145	138	54	137	144	151	145
55	10	14	20	15	56	14	19	26	20	57	19	25	33	26
58	25	32	41	33	59	32	40	50	41	60	40	49	59	50
61	49	58	68	59	62	58	67	77	68	63	67	76	86	77
64	76	85	95	86	65	85	94	104	95	66	94	103	113	104
67	103	112	122	113	68	112	121	131	122	69	121	130	139	131
70	130	138	146	139	71	138	145	152	146	72	145	151	157	152
73	15	20	27	21	74	20	26	34	27	75	26	33	42	34
76	33	41	51	42	77	41	50	60	51	78	50	59	69	60
79	59	68	78	69	80	68	77	87	78	81	77	86	96	87
82	86	95	105	96	83	95	104	114	105	84	104	113	123	114
85	113	122	132	123	86	122	131	140	132	87	131	139	147	140
88	139	146	153	147	89	146	152	158	153	90	152	157	162	158
91	21	27	35	28	92	27	34	43	35	93	34	42	52	43
94	42	51	61	52	95	51	60	70	61	96	60	69	79	70
97	69	78	88	79	98	78	87	97	88	99	87	96	106	97
100	96	105	115	106	101	105	114	124	115	102	114	123	133	124
103	123	132	141	133	104	132	140	148	141	105	140	147	154	148
106	147	153	159	154	107	153	158	163	159	108	158	162	166	163
109	28	35	44	36	110	35	43	53	44	111	43	52	62	53
112	52	61	71	62	113	61	70	80	71	114	70	79	89	80
115	79	88	98	89	116	88	97	107	98	117	97	106	116	107
118	106	115	125	116	119	115	124	134	125	120	124	133	142	134
121	133	141	149	142	122	141	148	155	149	123	148	154	160	155
124	154	159	164	160	125	159	163	167	164	126	163	166	169	167
127	36	44	54	45	128	44	53	63	54	129	53	62	72	63
130	62	71	81	72	131	71	80	90	81	132	80	89	99	90
133	89	98	108	99	134	98	107	117	108	135	107	116	126	117
136	116	125	135	126	137	125	134	143	135	138	134	142	150	143
139	142	149	156	150	140	149	155	161	156	141	155	160	165	161
142	160	164	168	165	143	164	167	170	168	144	167	169	171	170

NOKTA YUKLERI (t) - (m)

Nokta no	1 q	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w
1 Pz:	26.94	4.93	4.93	4.93	4.93	4.93	4.93	0.00	-12.34	-11.23	15.20	16.81	-1.03	-.94	4.26	4.73
1 Mx:	-4.02	-.72	-.73	-.73	-.73	-.73	-.72	0.00	1.18	.90	-2.22	-2.62	.10	.07	-.61	-.73
1 My:	-2.69	-.50	-.51	-.48	-.48	-.51	-.50	0.00	1.16	1.18	-.74	-.70	.09	.10	-.19	-.17
7 Pz:	29.68	5.79	5.79	5.79	5.79	5.79	5.79	0.00	-8.55	-8.07	11.42	12.12	-.71	-.67	3.18	3.38
7 Mx:	-.71	-.15	-.11	-.17	-.16	-.11	-.16	0.00	-1.85	-2.16	-.01	-.47	-.16	-.19	.02	-.12
7 My:	-5.45	-1.13	-1.14	-1.00	-1.01	-1.14	-1.12	0.00	1.34	1.45	-.12	.06	.11	.12	.03	.08
10 Pz:	53.82	12.51	12.51	12.51	12.51	12.51	12.51	0.00	-22.12	-18.49	15.26	20.49	-1.85	-1.56	4.03	5.54
10 Mx:	-13.25	-3.04	-3.08	-3.07	-3.07	-3.08	-3.04	0.00	3.33	2.36	-3.71	-5.11	.27	.19	-.97	-1.38
10 My:	-13.37	-3.16	-3.00	-3.29	-3.28	-3.00	-3.18	0.00	4.65	4.80	2.44	2.71	.37	.39	.89	1.01
11 Pz:	29.68	5.79	5.79	5.79	5.79	5.79	5.79	0.00	-8.55	-8.07	11.42	12.12	-.71	-.67	3.18	3.38
11 Mx:	-.71	-.15	-.11	-.17	-.16	-.11	-.16	0.00	-1.85	-2.16	-.01	-.47	-.16	-.19	.02	-.12
11 My:	-5.45	-1.13	-1.14	-1.00	-1.01	-1.14	-1.12	0.00	1.34	1.45	-.12	.06	.11	.12	.03	.08
22 Pz:	27.17	4.66	4.66	4.66	4.66	4.66	4.66	0.00	2.01	3.07	16.78	18.31	.15	.24	4.69	5.13
22 Mx:	2.11	.36	.36	.37	.37	.35	.36	0.00	-.36	-.34	1.35	1.38	-.03	-.03	.38	.39
22 My:	-3.21	-.66	-.53	-.59	-.60	-.56	-.62	0.00	-2.24	-.04	42.65	45.93	-.22	-.03	13.32	14.35
29 Pz:	27.17	4.66	4.66	4.66	4.66	4.66	4.66	0.00	2.01	3.07	16.78	18.31	.15	.24	4.69	5.13
29 Mx:	2.11	.36	.36	.37	.37	.35	.36	0.00	-.36	-.34	1.35	1.38	-.03	-.03	.38	.39
29 My:	-3.21	-.66	-.53	-.59	-.60	-.56	-.62	0.00	-2.24	-.04	42.65	45.93	-.22	-.03	13.32	14.35
30 Pz:	27.17	4.66	4.66	4.66	4.66	4.66	4.66	0.00	2.01	3.07	16.78	18.31	.15	.24	4.69	5.13
30 Mx:	2.11	.36	.36	.37	.37	.35	.36	0.00	-.36	-.34	1.35	1.38	-.03	-.03	.38	.39
30 My:	-3.21	-.66	-.53	-.59	-.60	-.56	-.62	0.00	-2.24	-.04	42.65	45.93	-.22	-.03	13.32	14.35
38 Pz:	27.17	4.66	4.66	4.66	4.66	4.66	4.66	0.00	2.01	3.07	16.78	18.31	.15	.24	4.69	5.13
38 Mx:	2.11	.36	.36	.37	.37	.35	.36	0.00	-.36	-.34	1.35	1.38	-.03	-.03	.38	.39
38 My:	-3.21	-.66	-.53	-.59	-.60	-.56	-.62	0.00	-2.24	-.04	42.65	45.93	-.22	-.03	13.32	14.35
39 Pz:	27.17	4.66	4.66	4.66	4.66	4.66	4.66	0.00	2.01	3.07	16.78	18.31	.15	.24	4.69	5.13
39 Mx:	2.11	.36	.36	.37	.37	.35	.36	0.00	-.36	-.34	1.35	1.38	-.03	-.03	.38	.39
39 My:	-3.21	-.66	-.53	-.59	-.60	-.56	-.62	0.00	-2.24	-.04	42.65	45.93	-.22	-.03	13.32	14.35
45 Pz:	45.31	7.62	7.62	7.62	7.62	7.62	7.62	0.00	-79.60	-71.65	-24.77	-13.09	-6.77	-6.09	-7.64	-4.09
45 Mx:	-6.30	-1.06	-1.05	-1.06	-1.06	-1.06	-1.05	0.00	10.82	9.75	3.32	1.76	.91	.82	1.02	.55
45 My:	6.21	1.09	1.01	1.10	1.09	1.01	1.09	0.00	-11.93	-10.30	-.92	1.49	-1.02	-.88	-.30	.43
48 Pz:	27.17	4.66	4.66	4.66	4.66	4.66	4.66	0.00	2.01	3.07	16.78	18.31	.15	.24	4.69	5.13
48 Mx:	2.11	.36	.36	.37	.37	.35	.36	0.00	-.36	-.34	1.35	1.38	-.03	-.03	.38	.39
48 My:	-3.21	-.66	-.53	-.59	-.60	-.56	-.62	0.00	-2.24	-.04	42.65	45.93	-.22	-.03	13.32	14.35
51 Pz:	70.47	19.29	19.29	19.29	19.29	19.29	19.29	0.00	-6.14	-5.41	12.41	13.52	-.54	-.47	3.64	3.99
51 Mx:	33.56	9.19	9.20	9.29	9.29	9.21	9.18	0.00	-6.97	-6.53	5.49	6.16	-.61	-.57	1.60	1.81
51 My:	26.63	7.25	7.42	7.05	7.06	7.42	7.24	0.00	-2.31	-1.47	10.63	11.89	-.21	-.14	3.21	3.61
54 Pz:	27.69	4.73	4.73	4.73	4.73	4.73	4.73	0.00	-11.45	-11.60	-14.39	-14.60	-.95	-.96	-4.06	-4.11
54 Mx:	-3.23	-.55	-.55	-.55	-.55	-.55	-.55	0.00	.94	1.01	1.65	1.76	.07	.08	.46	.49
54 My:	3.46	.60	.58	.60	.60	.58	.60	0.00	-1.48	-1.42	-1.38	-1.30	-.12	-.12	-.38	-.35
63 Pz:	27.69	4.73	4.73	4.73	4.73	4.73	4.73	0.00	-11.45	-11.60	-14.39	-14.60	-.95	-.96	-4.06	-4.11
63 Mx:	-3.23	-.55	-.55	-.55	-.55	-.55	-.55	0.00	.94	1.01	1.65	1.76	.07	.08	.46	.49
63 My:	3.46	.60	.58	.60	.60	.58	.60	0.00	-1.48	-1.42	-1.38	-1.30	-.12	-.12	-.38	-.35
64 Pz:	51.14	9.43	9.43	9.43	9.43	9.43	9.43	0.00	-31.66	-36.77	32.18	24.76	-2.54	-2.96	9.68	7.50
64 Mx:	5.08	.98	.94	.90	.91	.97	.95	0.00	-6.46	-7.47	3.34	1.86	-.54	-.62	1.04	.59
64 My:	-7.73	-1.45	-1.45	-1.41	-1.41	-1.45	-1.44	0.00	4.78	5.48	-1.91	-.89	.38	.44	-.53	-.23
69 Pz:	51.32	12.08	12.08	12.08	12.08	12.08	12.08	0.00	28.09	24.18	-48.82	-54.48	2.36	2.04	-13.91	-15.56
69 Mx:	-17.88	-4.22	-4.18	-4.28	-4.28	-4.22	-4.19	0.00	-12.45	-11.00	16.82	18.93	-1.06	-.94	4.78	5.40
69 My:	18.98	4.40	4.50	4.42	4.42	4.49	4.42	0.00	10.43	9.27	-12.39	-14.06	.87	.78	-3.37	-3.85
72 Pz:	41.79	7.22	7.22	7.22	7.22	7.22	7.22	0.00	29.10	22.62	-20.79	-30.26	2.55	2.01	-5.36	-8.21
72 Mx:	-4.24	-.73	-.73	-.73	-.73	-.73	-.73	0.00	-3.92	-3.13	1.98	3.14	-.35	-.28	.49	.85
72 My:	6.35	1.15	1.07	1.16	1.15	1.08	1.14	0.00	6.53	5.54	-.09	-1.52	.56	.48	.16	-.27
81 Pz:	41.79	7.22	7.22	7.22	7.22	7.22	7.22	0.00	29.10	22.62	-20.79	-30.26	2.55	2.01	-5.36	-8.21
81 Mx:	-4.24	-.73	-.73	-.73	-.73	-.73	-.73	0.00	-3.92	-3.13	1.98	3.14	-.35	-.28	.49	.85
81 My:	6.35	1.15	1.07	1.16	1.15	1.08	1.14	0.00	6.53	5.54	-.09	-1.52	.56	.48	.16	-.27
91 Pz:	45.92	7.55	7.55	7.55	7.55	7.55	7.55	0.00	-20.37	-26.31	30.39	21.70	-1.65	-2.15	9.14	6.53
91 Mx:	4.02	.64	.64	.64	.64	.64	.65	0.00	-10.94	-12.59	3.64	1.21	-.91	-1.05	1.17	.43
91 My:	-6.48	-1.08	-1.11	-1.03	-1.04	-1.10	-1.07	0.00	4.34	5.34	-2.14	-.68	.35	.44	-.62	-.18
94 Pz:	38.59	11.27	11.27	11.27	11.27	11.27	11.27	0.00	-4.84	-5.88	24.85	23.34	-.38	-.47	7.30	6.86
94 Mx:	9.03	2.71	2.44	2.70	2.71	2.69	2.46	0.00	-4.68	-4.96	5.51	5.10	-.40	-.42	1.62	1.50
94 My:	5.85	1.69	1.72	1.67	1.67	1.71	1.70	0.00	-.71	-.92	6.46	6.16	-.05	-.07	1.96	1.87
99 Pz:	12.91	2.98	2.98	2.98	2.98	2.98	2.98	0.00	19.67	16.78	-8.35	-12.51	1.65	1.41	-2.14	-3.34
99 Mx:	1.33	.30	.30	.31	.31	.30	.31	0.00	1.32	1.12	-.93	-1.21	.11	.09	-.25	-.33
99 My:	1.94	.46	.44	.46	.46	.44	.46	0.00	2.93	2.54	-.10	-.65	.25	.21	.04	-.12
100 Pz:	45.92	7.55	7.55	7.55	7.55	7.55	7.55	0.00	-20.37	-26.31	30.39	21.70	-1.65	-2.15	9.14	6.53
100 Mx:	4.02	.64	.64	.64	.64	.64	.65	0.00	-10.94	-12.59	3.64	1.21	-.91	-1.05	1.17	.43
100 My:	-6.48	-1.08	-1.11	-1.03	-1.04	-1.10	-1.07	0.00	4.34	5.34	-2.14	-.68	.35	.44	-.62	-.18
104 Pz:	38.59	11.27	11.27	11.27	11.27	11.27	11.27	0.00	-4.84	-5.88	24.85	23.34	-.38	-.47	7.30	6.86
104 Mx:	9.03	2.71	2.44	2.70	2.71	2.69	2.46	0.00	-4.68	-4.96	5.51	5.10	-.40	-.42	1.62	1.50
104 My:	5.85	1.69	1.72	1.67	1.67	1.71	1.70	0.00	-.71	-.92	6.46	6.16	-.05	-.07	1.96	1.87
108 Pz:	12.91	2.98	2.98	2.98	2.98	2.98	2.98	0.00	19.67	16.78	-8.35	-12.51	1.65	1.41	-2.14	-3.34
108 Mx:	1.33	.30	.30	.31	.31	.30	.31	0.00	1.32	1.12	-.93	-1.21	.11	.09	-.25	-.33
108 My:	1.94	.46	.44	.46	.46	.44	.46	0.00	2.93	2.54	-.10	-.65	.25	.21	.04	-.12
109 Pz:	29.98	5.03	5.03	5.03	5.03	5.03	5.03	0.00	15.80	15.82	16.71	16.75	1.31	1.31	4.78	4.81
109 Mx:	.50	.08	.08	.08	.08	.08	.08	0.00	-.13	-.08	.25	.33	-.01	-.01	.07	.09
109 My:	-3.69	-.61	-.63	-.61	-.61	-.63	-.61	0.00	-2.02	-1.95	-1.67	-1.56	-.17	-.16	-.47	-.44
114 Pz:	28.39	7.05	7.05	7.05	7.05	7.05	7.05	0.00	-3.67	-3.87	17.94	17.64	-.30	-.31	5.26	5.18
114 Mx:	.51	.15	.10	.16	.16	.15	.10	0.00	-1.35	-1.25	.25	.40	-.12	-.11	.07	.11
114 My:	-5.17	-1.25	-1.27	-1.23	-1.23	-1.27	-1.25	0.00	.60	.41	6.51	6.23	.05	.04	2.15	2.06
118 Pz:	29.98	5.03	5.03	5.03	5.03	5.03	5.03	0.00	15.80	15.82	16.71	16.75	1.31	1.31	4.78	4.81
118 Mx:	.50	.08	.08	.08	.08	.08	.08	0.00	-.13	-.08	.25	.33	-.01	-.01	.07	.09
118 My:	-3.69	-.61	-.63	-.61	-.61	-.63	-.61	0.00	-2.02	-1.95	-1.67	-1.56	-.17	-.16	-.47	-.44
124 Pz:	59.90	11.77	11.77	11.77	11.77	11.77	11.77	0.00	-14.62	-12.19	-23.63	-20.15	-1.24	-1.04	-6.98	-5.97
124 Mx:	-.63	-.02	-.08	0.00	0.00	-.02	-.07	0.00	-1.73	-1.63	1.65	1.80	-.15	-.15	.47	.52
124 My:	-6.27	-1.58	-1.39	-1.43	-1.45	-1.43	-1.51	0.00	.38	-1.60	83.33	80.35	.07	-.11	26.49	25.53
127 Pz:	45.52	7.81	7.81	7.81	7.81	7.81	7.81	0.00	69.85	76.01	20.43	29.51	5.75	6.27	5.40	8.17
127 Mx:	2.81	.50	.50	.50	.50	.50	.50	0.00	6.84	7.66	.95	2.15	.55	.62	.21	.57
127 My:	-6.09	-1.05	-1.08	-1.02	-1.02	-1.07	-1.05	0.00	-10.00	-11.10	-.46	-2.07	-.82	-.91	.01	-.48
131 Pz:	54.63	13.23	13.23	13.23	13.23	13.23	13.23	0.00	-14.04	-13.78	-7.28	-6.90	-1.16	-1.14	-2.06	-1.95
131 Mx:	-3.54	-.82	-.75	-.77	-.81	-.80	-.74	0.00	-11.47	-11.38	.67	.81	-1.01	-1.00	.18	.22
131 My:	2.72	.67	.82	.53	.57	.80	.64	0.00	-.43	-.89	5.92	5.23	-.03	-.07	1.92	1.70
134 Pz:	31.51	4.73	4.73	4.73	4.73	4.73	4.73	0.00	-10.95	-8.32	-41.57	-37.79	-.94	-.72	-12.25	-11.15
134 Mx:	-1.13	-.17	-.17	-.16	-.16	-.17	-.17	0.00	-.38	-.38	1.39	1.40	-.04	-.04	.40	.41
134 My:	-1.09	-.33	-.12	-.20	-.22	-.16	-.26	0.00	-.22	-2.02	76.82	74.12	.02	-.15	24.34	23.47
139 Pz:	54.63	13.23	13.23	13.23	13.23	13.23	13.23	0.00	-14.04	-13.78	-7.28	-6.90	-1.16	-1.14	-2.06	-1.95
139 Mx:	-3.54	-.82	-.75	-.77	-.81	-.80	-.74	0.00	-11.47	-11.38	.67	.81	-1.01	-1.00	.18	.22
139 My:	2.72	.67	.82	.53	.57	.80	.64	0.00	-.43	-.89	5.92	5.23	-.03	-.07	1.92	1.70
143 Pz:	31.51	4.73	4.73	4.73	4.73	4.73	4.73	0.00	-10.95	-8.32	-41.57	-37.79	-.94	-.72	-12.25	-11.15
143 Mx:	-1.13	-.17	-.17	-.16	-.16	-.17	-.17	0.00	-.38	-.38	1.39	1.40	-.04	-.04	.40	.41
143 My:	-1.09	-.33	-.12	-.20	-.22	-.16	-.26	0.00	-.22	-2.02	76.82	74.12	.02	-.15	24.34	23.47
152 Pz:	35.22	11.17	11.17	11.17	11.17	11.17	11.17	0.00	17.68	19.70	-12.65	-9.73	1.43	1.60	-3.74	-2.89
152 Mx:	-5.99	-1.89	-1.95	-1.95	-1.92	-1.92	-1.94	0.00	-6.16	-6.49	2.33	1.85	-.52	-.55	.69	.55
152 My:	2.59	.82	.90	.77	.79	.89	.82	0.00	1.46	1.17	2.62	2.18	.13	.10	.88	.73
157 Pz:	35.22	11.17	11.17	11.17	11.17	11.17	11.17	0.00	17.68	19.70	-12.65	-9.73	1.43	1.60	-3.74	-2.89
157 Mx:	-5.99	-1.89	-1.95	-1.95	-1.92	-1.92	-1.94	0.00	-6.16	-6.49	2.33	1.85	-.52	-.55	.69	.55
157 My:	2.59	.82	.90	.77	.79	.89	.82	0.00	1.46	1.17	2.62	2.18	.13	.10	.88	.73
161 Pz:	38.51	6.54	6.54	6.54	6.54	6.54	6.54	0.00	6.83	8.22	-25.04	-23.02	.54	.66	-7.31	-6.71
161 Mx:	.60	.11	.13	.12	.10	.11	.15	0.00	-7.61	-6.48	-1.07	.62	-.69	-.59	-.41	.13
161 My:	5.83	1.02	.95	1.04	1.02	.95	1.03	0.00	1.11	1.13	-1.30	-1.28	.09	.09	-.31	-.31
165 Pz:	38.51	6.54	6.54	6.54	6.54	6.54	6.54	0.00	6.83	8.22	-25.04	-23.02	.54	.66	-7.31	-6.71
165 Mx:	.60	.11	.13	.12	.10	.11	.15	0.00	-7.61	-6.48	-1.07	.62	-.69	-.59	-.41	.13
165 My:	5.83	1.02	.95	1.04	1.02	.95	1.03	0.00	1.11	1.13	-1.30	-1.28	.09	.09	-.31	-.31
171 Pz:	38.46	8.50	8.50	8.50	8.50	8.50	8.50	0.00	22.36	22.63	-23.48	-23.10	1.85	1.87	-6.84	-6.73
171 Mx:	6.85	1.49	1.49	1.48	1.48	1.49	1.48	0.00	2.27	2.55	-4.20	-3.78	.18	.20	-1.24	-1.11
171 My:	5.85	1.31	1.24	1.33	1.32	1.25	1.32	0.00	3.51	3.22	-.87	-1.31	.30	.27	-.17	-.31

NOKTALARIN X YONU STATIK SONUCLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
1	-12.22	-2.22	-2.23	-2.23	-2.23	-2.23	-2.22	0.00	4.09	3.33	-5.97	-7.08	.34	.28	-1.64	-1.98
2	11.42	2.23	2.22	2.22	2.22	2.22	2.23	0.00	-6.78	-6.07	3.90	4.93	-.57	-.51	1.07	1.37
3	1.84	.33	.33	.33	.33	.33	.33	0.00	-.77	-.67	.84	.99	-.06	-.06	.23	.28
4	11.93	2.34	2.34	2.34	2.34	2.34	2.34	0.00	-7.27	-6.39	3.21	4.49	-.61	-.54	.87	1.25
5	7.84	1.53	1.53	1.52	1.53	1.53	1.53	0.00	-5.23	-4.67	2.94	3.75	-.44	-.40	.80	1.04
6	2.22	.52	.53	.51	.51	.53	.51	0.00	-.65	-.43	.96	1.29	-.05	-.04	.27	.36
7	-3.26	-.71	-.71	-.72	-.72	-.71	-.71	0.00	-2.29	-1.75	.55	1.32	-.20	-.15	.15	.38
8	10.78	2.06	2.05	2.05	2.05	2.05	2.06	0.00	-6.88	-5.95	4.56	5.90	-.58	-.50	1.24	1.64
9	6.57	1.23	1.22	1.22	1.22	1.22	1.23	0.00	-5.30	-4.77	2.20	2.96	-.45	-.41	.59	.82
10	-19.21	-4.42	-4.48	-4.46	-4.46	-4.48	-4.42	0.00	5.21	3.81	-5.44	-7.46	.43	.31	-1.43	-2.01
11	-7.15	-1.33	-1.32	-1.33	-1.33	-1.32	-1.33	0.00	-1.48	-1.12	-3.62	-3.10	-.13	-.10	-1.03	-.88
12	4.45	.90	.89	.90	.90	.89	.90	0.00	-4.68	-3.95	-.44	.63	-.40	-.34	-.16	.15
13	10.68	2.06	2.06	2.05	2.06	2.06	2.06	0.00	-7.65	-6.72	2.98	4.32	-.65	-.57	.79	1.19
14	10.41	2.14	2.14	2.14	2.14	2.14	2.14	0.00	-7.24	-6.40	2.21	3.44	-.61	-.54	.57	.93
15	4.21	.97	.96	.98	.98	.96	.97	0.00	-1.32	-1.10	.69	1.00	-.11	-.09	.16	.25
16	.68	.39	.41	.39	.39	.41	.39	0.00	-6.50	-5.91	-1.80	-.94	-.54	-.50	-.58	-.33
17	.85	.25	.26	.25	.25	.26	.25	0.00	-4.51	-4.07	-1.82	-1.18	-.38	-.35	-.54	-.36
18	8.45	1.59	1.59	1.59	1.59	1.59	1.59	0.00	-7.22	-6.35	1.44	2.71	-.61	-.54	.35	.72
19	11.26	2.18	2.17	2.17	2.17	2.17	2.18	0.00	-8.85	-7.81	2.01	3.52	-.75	-.66	.49	.94
20	6.51	1.27	1.26	1.26	1.26	1.26	1.27	0.00	-6.56	-5.93	.11	1.03	-.56	-.50	-.02	.26
21	.03	-.02	-.02	-.02	-.02	-.02	-.02	0.00	-.41	-.39	-.33	-.31	-.03	-.03	-.09	-.09
22	-5.57	-.94	-.94	-.94	-.94	-.94	-.94	0.00	-5.64	-5.57	-1.07	-.97	-.46	-.46	-.33	-.30
23	.82	.37	.38	.36	.36	.38	.36	0.00	-6.18	-5.70	-1.83	-1.15	-.52	-.48	-.58	-.37
24	5.53	1.04	1.04	1.04	1.04	1.04	1.04	0.00	-6.62	-5.91	.21	1.25	-.56	-.50	.01	.31
25	8.75	1.51	1.50	1.51	1.51	1.50	1.51	0.00	-8.77	-7.76	.90	2.36	-.74	-.66	.17	.60
26	11.08	2.17	2.16	2.17	2.17	2.16	2.17	0.00	-10.09	-8.93	.84	2.53	-.86	-.76	.14	.64
27	7.10	1.45	1.44	1.44	1.44	1.44	1.45	0.00	-7.21	-6.41	-.18	.99	-.61	-.55	-.12	.23
28	-.35	-.05	-.04	-.04	-.04	-.05	-.04	0.00	1.02	.92	.43	.28	.09	.08	.13	.09
29	-6.49	-1.19	-1.20	-1.20	-1.20	-1.20	-1.20	0.00	-10.55	-12.04	3.06	.91	-.86	-.98	1.03	.40
30	-5.47	-.83	-.83	-.84	-.84	-.83	-.84	0.00	-5.30	-5.13	-2.02	-1.78	-.44	-.43	-.60	-.53
31	1.81	.49	.50	.49	.49	.50	.49	0.00	-6.39	-5.86	-1.95	-1.18	-.53	-.49	-.61	-.38
32	5.61	.86	.86	.87	.87	.86	.86	0.00	-8.23	-7.36	-.26	1.00	-.69	-.62	-.15	.22
33	4.60	.38	.37	.37	.37	.37	.38	0.00	-9.89	-8.71	-.76	.96	-.84	-.74	-.33	.18
34	8.68	1.70	1.69	1.69	1.69	1.69	1.70	0.00	-10.95	-9.64	-.14	1.78	-.93	-.82	-.15	.42
35	5.17	1.07	1.07	1.07	1.07	1.07	1.07	0.00	-7.04	-6.19	-.36	.88	-.60	-.53	-.17	.20
36	5.47	.91	.90	.91	.91	.91	.91	0.00	-9.80	-8.83	-3.47	-2.04	-.83	-.75	-1.06	-.63
37	2.28	.59	.59	.59	.59	.59	.59	0.00	-13.43	-15.33	6.30	3.52	-1.09	-1.25	2.03	1.21
38	-6.30	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	-9.51	-10.68	1.59	-.11	-.77	-.87	.60	.10
39	-9.51	-1.30	-1.30	-1.30	-1.30	-1.30	-1.30	0.00	-3.95	-4.24	-10.98	-11.39	-.32	-.35	-3.10	-3.21
40	1.06	.25	.25	.25	.25	.25	.25	0.00	-7.42	-6.81	-3.53	-2.64	-.62	-.57	-1.06	-.80
41	.13	-.69	-.71	-.67	-.67	-.71	-.69	0.00	-9.41	-8.44	-3.26	-1.85	-.79	-.71	-1.05	-.64
42	7.13	1.23	1.23	1.23	1.23	1.23	1.23	0.00	-12.86	-11.26	-.87	1.46	-1.10	-.96	-.40	.30
43	4.83	.94	.94	.94	.94	.94	.95	0.00	-12.10	-10.49	-.11	2.25	-1.03	-.90	-.18	.53
44	-.71	.03	.03	.03	.03	.03	.03	0.00	-2.33	-1.78	2.14	2.94	-.20	-.16	.55	.79
45	-31.03	-5.07	-5.07	-5.08	-5.08	-5.07	-5.07	0.00	52.12	47.15	20.45	13.14	4.42	4.00	6.19	3.98
46	8.87	1.67	1.67	1.68	1.68	1.67	1.67	0.00	-3.95	-4.82	2.91	1.64	-.32	-.39	.92	.54
47	1.84	.55	.55	.55	.55	.55	.55	0.00	-10.83	-12.38	3.74	1.48	-.88	-1.01	1.26	.59
48	-9.66	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	0.00	-6.32	-7.49	-8.39	-10.09	-.51	-.61	-2.24	-2.74
49	-3.83	-.32	-.31	-.32	-.32	-.32	-.32	0.00	-3.33	-3.44	-10.55	-10.70	-.27	-.28	-3.00	-3.04
50	5.51	1.16	1.16	1.18	1.18	1.16	1.16	0.00	-9.24	-8.43	-3.01	-1.82	-.78	-.71	-.92	-.57
51	-10.83	-3.64	-3.64	-3.64	-3.64	-3.64	-3.64	0.00	-11.68	-10.29	-5.08	-3.05	-.99	-.87	-1.62	-1.02
52	-1.02	-.64	-.64	-.65	-.65	-.64	-.64	0.00	-15.80	-13.57	-1.10	2.16	-1.35	-1.16	-.53	.45
53	-.25	.05	.04	.04	.04	.04	.05	0.00	-10.92	-9.21	1.61	4.12	-.94	-.80	.30	1.05
54	-2.51	-.31	-.32	-.31	-.31	-.32	-.31	0.00	-9.13	-7.60	2.47	4.72	-.79	-.66	.57	1.24
55	7.99	1.32	1.33	1.33	1.33	1.32	1.33	0.00	4.43	4.64	-1.26	-.97	.36	.38	-.41	-.33
56	7.83	1.46	1.46	1.46	1.46	1.46	1.46	0.00	-2.45	-3.08	2.02	1.10	-.20	-.25	.63	.35
57	3.56	.92	.92	.92	.92	.92	.92	0.00	-7.78	-8.88	2.07	.47	-.63	-.72	.73	.25
58	-3.93	-.24	-.24	-.24	-.24	-.24	-.24	0.00	-5.22	-5.97	-7.90	-8.98	-.42	-.49	-2.13	-2.45
59	-1.89	-.28	-.29	-.28	-.28	-.29	-.28	0.00	-10.52	-9.82	-.38	.63	-.88	-.82	-.13	.17
60	6.02	1.09	1.09	1.10	1.10	1.09	1.09	0.00	-12.47	-11.16	-2.54	-.62	-1.06	-.95	-.83	-.26
61	2.01	.08	.09	.05	.06	.09	.07	0.00	-17.77	-15.35	-1.64	1.91	-1.52	-1.32	-.68	.38
62	-2.91	-.53	-.53	-.53	-.53	-.53	-.53	0.00	-19.04	-16.06	2.34	6.71	-1.64	-1.39	.40	1.71
63	-5.46	-.84	-.85	-.84	-.84	-.85	-.84	0.00	-10.24	-8.29	3.91	6.76	-.89	-.73	.93	1.78
64	-16.71	-3.23	-3.24	-3.24	-3.24	-3.24	-3.24	0.00	24.39	27.62	-19.50	-14.80	1.97	2.23	-5.95	-4.56
65	4.68	.62	.63	.64	.64	.63	.63	0.00	6.22	6.72	-3.37	-2.64	.51	.55	-1.06	-.85
66	7.97	1.50	1.50	1.50	1.50	1.50	1.50	0.00	-1.30	-1.76	1.55	.88	-.10	-.14	.46	.26
67	3.70	1.04	1.04	1.04	1.04	1.04	1.04	0.00	-6.50	-7.28	-.25	-1.38	-.53	-.60	.04	-.29
68	.98	.40	.41	.40	.40	.41	.41	0.00	-7.78	-7.73	-1.67	-1.59	-.65	-.64	-.43	-.41
69	-5.70	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	0.00	-17.43	-15.62	9.31	11.93	-1.47	-1.32	2.60	3.37
70	7.54	1.40	1.40	1.41	1.41	1.40	1.39	0.00	-16.60	-14.64	-2.75	.11	-1.41	-1.25	-.96	-.11
71	-2.38	-.50	-.50	-.51	-.51	-.50	-.50	0.00	-27.18	-23.08	1.16	7.16	-2.34	-1.99	-.04	1.76
72	-13.89	-2.40	-2.41	-2.41	-2.41	-2.41	-2.40	0.00	-32.31	-26.84	6.72	14.72	-2.79	-2.33	1.43	3.84
73	10.67	2.05	2.04	2.04	2.04	2.04	2.04	0.00	12.18	13.28	-1.92	-.33	1.00	1.09	-.67	-.20
74	1.59	.01	.01	.02	.02	.01	.01	0.00	11.70	12.91	-7.11	-5.36	.95	1.05	-2.20	-1.69
75	4.18	.35	.35	.35	.35	.35	.35	0.00	6.46	6.84	-2.65	-2.09	.53	.56	-.87	-.70
76	8.18	1.58	1.58	1.58	1.58	1.58	1.58	0.00	-.45	-.87	.23	-.39	-.03	-.07	.07	-.11
77	7.44	1.70	1.70	1.70	1.70	1.70	1.70	0.00	-3.37	-3.82	-2.09	-2.75	-.27	-.31	-.54	-.73
78	7.94	1.68	1.68	1.68	1.68	1.68	1.68	0.00	-7.56	-7.24	-2.61	-2.15	-.63	-.60	-.75	-.62
79	6.97	1.19	1.20	1.19	1.19	1.20	1.19	0.00	-14.85	-13.28	-.51	1.77	-1.25	-1.12	-.26	.42
80	6.38	.92	.92	.91	.91	.92	.91	0.00	-22.00	-19.22	-6.13	-2.06	-1.88	-1.64	-2.04	-.82
81	-12.50	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	0.00	-32.20	-26.82	4.64	12.51	-2.78	-2.33	.83	3.20
82	10.10	2.41	2.41	2.41	2.41	2.41	2.41	0.00	17.84	19.90	-2.10	.92	1.47	1.64	-.76	.15
83	8.38	1.52	1.50	1.50	1.50	1.51	1.51	0.00	11.57	12.56	-3.18	-1.73	.95	1.03	-1.04	-.61
84	2.97	-.14	-.15	-.14	-.14	-.15	-.15	0.00	8.12	8.78	-7.90	-6.94	.66	.72	-2.43	-2.15
85	4.33	.40	.40	.40	.40	.40	.40	0.00	5.94	5.98	-3.80	-3.75	.49	.50	-1.21	-1.19
86	7.92	1.57	1.57	1.57	1.57	1.57	1.57	0.00	1.09	.62	-1.53	-2.21	.10	.06	-.44	-.64
87	9.77	2.04	2.04	2.04	2.04	2.04	2.04	0.00	-3.00	-3.21	-3.01	-3.32	-.25	-.26	-.84	-.93
88	7.27	1.25	1.25	1.25	1.25	1.25	1.25	0.00	-11.30	-10.31	-.40	1.02	-.95	-.87	-.19	.23
89	6.89	1.07	1.07	1.07	1.07	1.07	1.07	0.00	-18.80	-16.52	-1.39	1.92	-1.59	-1.40	-.61	.36
90	6.30	1.09	1.09	1.08	1.08	1.09	1.09	0.00	-25.25	-21.78	-.78	4.27	-2.16	-1.86	-.55	.96
91	-9.14	-.84	-.84	-.83	-.84	-.84	-.84	0.00	24.19	28.14	-9.57	-3.78	1.98	2.32	-3.02	-1.27
92	10.09	2.23	2.22	2.22	2.22	2.22	2.22	0.00	17.68	19.40	.40	2.92	1.46	1.60	-.03	.74
93	8.56	1.49	1.48	1.49	1.49	1.49	1.49	0.00	8.48	9.13	-5.15	-4.20	.69	.75	-1.60	-1.31
94	-6.20	-2.67	-2.69	-2.68	-2.68	-2.68	-2.68	0.00	8.21	8.82	-13.71	-12.82	.67	.72	-4.15	-3.88
95	2.11	.02	.01	.01	.01	.01	.02	0.00	7.27	7.21	-5.60	-5.68	.60	.60	-1.76	-1.78
96	7.83	1.55	1.55	1.55	1.55	1.55	1.55	0.00	2.56	2.01	-2.22	-3.03	.22	.17	-.61	-.85
97	10.98	2.12	2.12	2.12	2.12	2.12	2.12	0.00	-3.34	-3.33	-4.64	-4.62	-.28	-.27	-1.36	-1.36
98	9.41	1.63	1.63	1.63	1.63	1.63	1.63	0.00	-12.38	-11.11	-1.55	.29	-1.04	-.93	-.57	-.03
99	6.76	.75	.75	.75	.75	.75	.75	0.00	-21.34	-18.80	-5.72	-2.03	-1.80	-1.58	-1.93	-.85
100	-11.63	-1.05	-1.05	-1.05	-1.05	-1.05	-1.05	0.00	26.28	30.70	-12.03	-5.55	2.15	2.52	-3.74	-1.80
101	1.12	1.08	1.08	1.09	1.09	1.09	1.08	0.00	24.01	27.23	-4.90	-.17	1.97	2.24	-1.62	-.20
102	9.46	2.11	2.11	2.11	2.11	2.11	2.11	0.00	13.36	14.46	.16	1.77	1.10	1.19	-.06	.43
103	8.83	1.62	1.61	1.61	1.61	1.61	1.61	0.00	6.96	7.51	-6.63	-5.83	.57	.62	-2.05	-1.81
104	-8.13	-2.93	-2.94	-2.94	-2.94	-2.94	-2.93	0.00	8.32	8.64	-15.89	-15.41	.68	.71	-4.84	-4.69
105	-1.56	-.59	-.60	-.60	-.60	-.60	-.59	0.00	9.89	9.20	-4.28	-5.27	.83	.77	-1.32	-1.61
106	8.19	1.60	1.59	1.59	1.59	1.59	1.60	0.00	3.39	2.73	-3.53	-4.49	.29	.24	-.99	-1.27
107	12.91	2.32	2.31	2.31	2.31	2.31	2.32	0.00	-3.71	-3.54	-10.30	-10.04	-.31	-.29	-3.07	-3.00
108	7.78	.91	.90	.90	.90	.90	.91	0.00	-17.11	-14.90	-11.86	-8.67	-1.44	-1.25	-3.77	-2.84
109	-3.24	.27	.28	.28	.28	.27	.28	0.00	7.35	8.66	-5.63	-3.71	.60	.71	-1.69	-1.11
110	.19	.85	.85	.85	.85	.85	.85	0.00	15.81	17.98	-3.69	-.52	1.30	1.48	-1.19	-.24
111	6.54	1.82	1.82	1.82	1.82	1.82	1.82	0.00	16.69	18.18	2.59	4.79	1.38	1.50	.66	1.32
112	9.39	2.12	2.11	2.11	2.12	2.11	2.11	0.00	12.95	13.79	-1.33	-.10	1.07	1.14	-.48	-.11
113	7.36	1.36	1.34	1.35	1.36	1.35	1.35	0.00	5.55	5.65	-7.34	-7.19	.46	.47	-2.26	-2.21
114	-9.18	-2.51	-2.55	-2.54	-2.54	-2.54	-2.53	0.00	9.15	8.96	-19.22	-19.48	.76	.74	-5.97	-6.03
115	-1.18	-.23	-.24	-.24	-.24	-.24	-.23	0.00	9.72	8.48	-.70	-2.49	.82	.72	-.16	-.69

NOKTALARIN X YONU STATIK SONUCLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
120	5.36	1.73	1.74	1.74	1.74	1.74	1.74	0.00	15.96	17.47	1.96	4.18	1.31	1.44	.49	1.16
121	6.12	1.50	1.49	1.50	1.50	1.50	1.49	0.00	14.27	14.61	10.41	10.91	1.19	1.22	3.00	3.16
122	10.64	2.41	2.40	2.41	2.41	2.41	2.40	0.00	9.33	9.86	-1.58	-.80	.77	.82	-.53	-.29
123	6.62	1.32	1.31	1.31	1.31	1.31	1.32	0.00	4.74	4.77	-4.40	-4.35	.39	.39	-1.38	-1.36
124	-17.73	-3.50	-3.53	-3.51	-3.51	-3.52	-3.51	0.00	13.08	11.75	-.36	-2.25	1.10	.99	-.26	-.80
125	-4.74	-.73	-.72	-.72	-.72	-.72	-.73	0.00	12.35	10.44	8.35	5.58	1.05	.89	2.66	1.85
126	9.09	1.75	1.73	1.74	1.74	1.73	1.74	0.00	4.17	3.45	-7.83	-8.87	.36	.30	-2.32	-2.62
127	-26.23	-4.40	-4.40	-4.40	-4.40	-4.40	-4.40	0.00	-42.11	-45.77	-15.13	-20.53	-3.46	-3.77	-4.07	-5.72
128	1.02	.77	.78	.78	.78	.78	.78	0.00	2.29	2.64	-2.57	-2.08	.19	.22	-.75	-.60
129	6.64	1.93	1.94	1.94	1.93	1.93	1.94	0.00	12.26	13.43	.57	2.27	1.01	1.11	.10	.61
130	6.05	1.60	1.61	1.61	1.61	1.61	1.62	0.00	13.51	14.17	8.30	9.28	1.11	1.17	2.38	2.67
131	-2.76	-.61	-.61	-.61	-.61	-.61	-.61	0.00	15.45	16.21	1.69	2.79	1.28	1.34	.42	.75
132	8.97	2.07	2.05	2.06	2.07	2.06	2.05	0.00	10.33	10.70	-.73	-.19	.86	.89	-.25	-.08
133	5.06	1.08	1.07	1.07	1.08	1.07	1.07	0.00	6.73	6.64	-.21	-.34	.56	.55	-.10	-.13
134	-16.05	-2.50	-2.48	-2.48	-2.48	-2.48	-2.49	0.00	14.75	12.36	29.47	26.02	1.26	1.06	8.96	7.94
135	-5.19	-.68	-.68	-.68	-.68	-.68	-.68	0.00	13.86	11.64	8.58	5.36	1.18	1.00	2.73	1.78
136	4.60	.82	.82	.82	.82	.82	.82	0.00	7.76	8.48	2.27	3.32	.64	.70	.60	.92
137	6.42	1.65	1.65	1.65	1.65	1.65	1.65	0.00	7.72	8.39	.53	1.51	.64	.69	.12	.41
138	8.55	2.41	2.43	2.43	2.42	2.42	2.43	0.00	12.42	13.53	-.83	.80	1.02	1.11	-.30	.19
139	-2.30	-.34	-.34	-.33	-.34	-.34	-.34	0.00	16.43	17.36	1.30	2.65	1.35	1.43	.31	.71
140	4.23	1.15	1.14	1.15	1.15	1.15	1.14	0.00	13.41	14.69	-10.08	-8.22	1.11	1.21	-3.04	-2.48
141	7.93	1.88	1.87	1.88	1.88	1.88	1.87	0.00	8.33	8.63	-2.49	-2.04	.69	.72	-.76	-.62
142	4.33	1.06	1.07	1.07	1.07	1.07	1.06	0.00	6.62	6.30	8.39	7.93	.55	.53	2.57	2.44
143	-22.62	-3.29	-3.19	-3.22	-3.23	-3.21	-3.26	0.00	17.53	13.63	71.75	66.07	1.51	1.18	22.07	20.38
144	.27	.09	.10	.10	.09	.09	.10	0.00	-.27	-.32	-.09	-.17	-.02	-.03	-.02	-.05
145	9.57	2.03	2.04	2.04	2.03	2.03	2.04	0.00	10.49	11.22	4.47	5.54	.87	.93	1.24	1.57
146	12.15	3.18	3.20	3.20	3.19	3.19	3.20	0.00	12.11	13.07	-1.19	.22	.99	1.08	-.40	.02
147	3.84	1.27	1.28	1.28	1.27	1.27	1.28	0.00	11.97	13.27	-8.63	-6.74	.97	1.08	-2.61	-2.05
148	6.03	1.75	1.75	1.75	1.75	1.75	1.75	0.00	10.12	10.82	-4.48	-3.45	.84	.90	-1.37	-1.07
149	8.15	1.90	1.88	1.89	1.89	1.89	1.88	0.00	9.19	9.39	-7.62	-7.34	.77	.79	-2.31	-2.23
150	5.69	1.44	1.45	1.45	1.45	1.45	1.44	0.00	6.42	6.10	9.84	9.38	.54	.51	2.99	2.85
151	-.97	-.18	-.20	-.20	-.19	-.19	-.19	0.00	-1.74	-1.88	-.39	-.59	-.15	-.16	-.10	-.16
152	3.45	.49	.50	.50	.50	.49	.50	0.00	5.35	5.64	1.19	1.61	.45	.47	.32	.45
153	10.37	2.73	2.76	2.76	2.74	2.75	2.76	0.00	11.66	12.57	-1.65	-.32	.95	1.03	-.54	-.15
154	6.79	2.03	2.04	2.04	2.04	2.04	2.04	0.00	10.85	11.77	-5.20	-3.85	.89	.97	-1.60	-1.20
155	1.80	1.15	1.14	1.15	1.15	1.15	1.14	0.00	8.73	8.70	1.91	1.85	.74	.74	.53	.50
156	8.34	2.16	2.14	2.15	2.15	2.15	2.14	0.00	7.86	7.94	-3.46	-3.34	.66	.67	-1.10	-1.06
157	3.91	.93	.99	1.00	.97	.97	.99	0.00	5.58	5.68	-1.15	-1.00	.48	.48	-.34	-.30
158	5.56	1.58	1.59	1.59	1.58	1.58	1.59	0.00	4.74	5.08	-5.97	-5.48	.39	.42	-1.74	-1.60
159	9.60	2.52	2.53	2.53	2.53	2.53	2.53	0.00	9.83	10.66	-5.73	-4.52	.81	.87	-1.74	-1.38
160	3.23	1.55	1.55	1.55	1.54	1.55	1.56	0.00	6.83	7.57	-1.35	-.27	.55	.62	-.51	-.18
161	-6.81	-.63	-.65	-.64	-.64	-.64	-.64	0.00	5.12	5.43	-8.64	-8.18	.43	.45	-2.78	-2.64
162	.35	-.04	-.05	-.05	-.05	-.05	-.05	0.00	.40	.52	.91	1.09	.03	.04	.25	.31
163	8.46	2.09	2.10	2.10	2.09	2.09	2.10	0.00	6.69	7.19	-4.73	-3.99	.55	.59	-1.42	-1.20
164	11.46	2.85	2.86	2.86	2.85	2.85	2.86	0.00	9.17	10.22	-11.22	-9.68	.74	.83	-3.41	-2.95
165	-5.34	-.17	-.17	-.17	-.17	-.17	-.17	0.00	6.92	7.10	-4.61	-4.34	.58	.59	-1.50	-1.42
166	.09	.07	.07	.07	.07	.07	.07	0.00	.21	.21	-.18	-.19	.02	.02	-.05	-.05
167	8.53	2.07	2.07	2.07	2.07	2.06	2.07	0.00	6.90	7.38	-5.28	-4.58	.57	.61	-1.59	-1.38
168	13.30	3.46	3.47	3.46	3.46	3.46	3.47	0.00	10.23	11.09	-7.32	-6.06	.84	.91	-2.25	-1.87
169	3.56	.79	.79	.79	.79	.79	.79	0.00	1.53	1.65	-1.57	-1.40	.12	.13	-.46	-.41
170	13.37	3.16	3.17	3.17	3.16	3.17	3.17	0.00	9.33	9.99	-7.55	-6.58	.77	.82	-2.27	-1.98
171	-20.46	-4.47	-4.47	-4.46	-4.46	-4.48	-4.46	0.00	-7.59	-8.35	11.68	10.56	-.60	-.67	3.45	3.10

NOKTALARIN Y YONU STATIK SONUCLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
1	-8.982	-1.692	-1.703	-1.644	-1.643	-1.705	-1.693	0.000	4.201	4.106	-2.611	-2.735	.346	.340	-.679	-.705
2	1.438	.287	.288	.281	.281	.288	.288	0.000	-.821	-.775	-.050	.015	-.068	-.065	-.024	-.006
3	11.861	2.240	2.231	2.248	2.248	2.231	2.240	0.000	-7.229	-6.669	1.627	2.445	-.608	-.561	.427	.669
4	2.748	.466	.473	.465	.466	.473	.465	0.000	-.799	-.782	3.226	3.247	-.067	-.066	.915	.919
5	8.076	1.530	1.522	1.543	1.543	1.522	1.530	0.000	-4.319	-4.038	-.065	.347	-.362	-.339	-.034	.090
6	13.484	2.300	2.281	2.314	2.313	2.281	2.302	0.000	-9.250	-8.822	-1.131	-.502	-.777	-.741	-.359	-.168
7	-18.588	-3.033	-3.062	-3.023	-3.026	-3.062	-3.030	0.000	4.699	4.400	-24.943	-25.359	.390	.367	-7.056	-7.166
8	4.706	.998	.992	1.004	1.004	.991	.999	0.000	-2.296	-2.253	-4.136	-4.067	-.192	-.188	-1.176	-1.153
9	11.577	2.003	1.975	2.031	2.029	1.975	2.006	0.000	-6.664	-6.546	-2.575	-2.401	-.556	-.546	-.765	-.712
10	-12.064	-3.885	-3.874	-3.879	-3.878	-3.874	-3.886	0.000	.289	-.905	-10.216	-11.918	.022	-.073	-2.781	-3.255
11	-20.160	-3.515	-3.506	-3.520	-3.518	-3.507	-3.516	0.000	4.320	3.824	-16.782	-17.498	.360	.319	-4.720	-4.929
12	4.069	.953	.952	.955	.955	.951	.954	0.000	-1.256	-1.351	-4.774	-4.908	-.103	-.111	-1.349	-1.386
13	9.992	1.793	1.789	1.799	1.799	1.788	1.794	0.000	-4.472	-4.466	-2.922	-2.908	-.373	-.372	-.829	-.820
14	6.061	.458	.454	.456	.456	.454	.458	0.000	-5.931	-6.073	-4.881	-5.071	-.499	-.509	-1.362	-1.405
15	13.331	1.961	1.978	1.942	1.944	1.978	1.959	0.000	-12.254	-11.484	-3.382	-2.240	-1.035	-.969	-.986	-.631
16	5.800	.976	.969	.979	.978	.970	.976	0.000	-.467	-.328	4.459	4.660	-.039	-.028	1.256	1.315
17	2.380	.715	.711	.715	.715	.711	.715	0.000	-.112	-.283	-6.720	-6.962	-.007	-.021	-1.902	-1.970
18	9.897	1.940	1.938	1.942	1.943	1.937	1.940	0.000	-2.846	-2.976	-3.720	-3.905	-.235	-.245	-1.049	-1.101
19	10.821	1.682	1.679	1.685	1.685	1.679	1.682	0.000	-5.533	-5.552	-3.582	-3.601	-.461	-.462	-1.013	-1.013
20	9.043	1.040	1.072	1.015	1.018	1.072	1.037	0.000	-8.192	-7.792	-3.406	-2.801	-.692	-.656	-.952	-.756
21	15.772	2.768	2.777	2.755	2.756	2.776	2.767	0.000	-13.801	-12.566	-.949	.862	-1.167	-1.062	-.349	.196
22	-14.345	-2.248	-2.239	-2.252	-2.251	-2.240	-2.249	0.000	-.080	-.527	-12.554	-13.195	-.001	-.038	-3.535	-3.721
23	-.752	.053	.054	.051	.051	.054	.053	0.000	-.736	-.752	-4.153	-4.171	-.060	-.061	-1.189	-1.193
24	7.491	1.618	1.615	1.618	1.618	1.615	1.618	0.000	-.844	-1.154	-6.171	-6.616	-.065	-.090	-1.742	-1.871
25	11.457	2.014	2.009	2.019	2.019	2.009	2.014	0.000	-3.609	-3.786	-3.996	-4.249	-.297	-.311	-1.127	-1.199
26	10.196	1.356	1.358	1.353	1.353	1.358	1.356	0.000	-6.370	-6.244	-3.537	-3.345	-.531	-.520	-1.012	-.949
27	12.566	2.082	2.092	2.071	2.072	2.092	2.081	0.000	-10.027	-9.199	-.821	.393	-.846	-.776	-.284	.083
28	8.247	1.757	1.759	1.750	1.751	1.759	1.756	0.000	-8.144	-6.992	4.780	6.456	-.693	-.597	1.268	1.764
29	-14.237	-2.127	-2.121	-2.124	-2.124	-2.123	-2.125	0.000	-1.882	-2.587	-10.775	-11.793	-.148	-.206	-2.961	-3.259
30	-2.763	-.300	-.299	-.301	-.301	-.299	-.300	0.000	1.103	.862	-5.987	-6.332	.096	.076	-1.699	-1.798
31	.779	.564	.563	.562	.562	.563	.564	0.000	1.824	1.182	-13.014	-13.938	.162	.109	-3.682	-3.951
32	9.279	1.729	1.723	1.733	1.732	1.723	1.729	0.000	-1.309	-1.713	-5.767	-6.351	-.102	-.135	-1.623	-1.794
33	6.641	.510	.493	.528	.527	.494	.511	0.000	-3.657	-3.854	-4.460	-4.747	-.298	-.315	-1.282	-1.367
34	9.299	1.282	1.288	1.273	1.273	1.288	1.281	0.000	-6.569	-6.158	-1.211	-.608	-.550	-.515	-.373	-.191
35	6.083	1.267	1.272	1.259	1.260	1.271	1.267	0.000	-5.812	-4.929	4.754	6.037	-.494	-.421	1.284	1.662
36	-11.644	-1.450	-1.451	-1.454	-1.454	-1.451	-1.451	0.000	8.942	9.130	16.050	16.296	.747	.759	4.528	4.579
37	3.292	.529	.528	.529	.529	.529	.529	0.000	.580	.782	2.131	2.423	.046	.062	.581	.667
38	-4.056	-.598	-.598	-.597	-.597	-.598	-.598	0.000	-1.616	-2.190	-3.751	-4.585	-.127	-.175	-1.001	-1.247
39	-4.347	-.442	-.444	-.443	-.443	-.444	-.443	0.000	3.283	2.426	-14.963	-16.201	.285	.214	-4.226	-4.588
40	3.896	.902	.894	.905	.904	.894	.902	0.000	2.295	1.415	-12.894	-14.169	.204	.131	-3.633	-4.007
41	8.941	1.346	1.338	1.352	1.351	1.339	1.345	0.000	-1.939	-2.248	-3.451	-3.900	-.154	-.180	-.970	-1.103
42	2.075	-.625	-.625	-.639	-.639	-.625	-.625	0.000	-2.999	-2.986	-2.081	-2.065	-.243	-.243	-.609	-.607
43	4.530	.825	.831	.815	.816	.830	.824	0.000	-4.403	-3.710	4.299	5.305	-.374	-.317	1.169	1.465
44	-12.303	-1.632	-1.630	-1.636	-1.636	-1.630	-1.632	0.000	10.232	10.229	15.821	15.788	.857	.854	4.483	4.452
45	-63.407	-10.149	-10.152	-10.151	-10.151	-10.150	-10.150	0.000	88.453	81.117	43.338	32.511	7.504	6.877	12.831	9.512
46	-.632	-.091	-.091	-.089	-.090	-.091	-.091	0.000	.013	-.011	-.404	-.439	.001	-.001	-.107	-.118
47	.267	.096	.095	.097	.097	.096	.096	0.000	-4.425	-5.058	1.126	.204	-.360	-.412	.401	.127
48	-5.803	-.763	-.766	-.760	-.761	-.765	-.763	0.000	.886	-.174	-12.976	-14.513	.087	-.001	-3.616	-4.067
49	2.541	.675	.667	.679	.679	.668	.675	0.000	2.488	1.568	-13.321	-14.655	.220	.143	-3.756	-4.149
50	1.476	-.418	-.448	-.397	-.399	-.446	-.418	0.000	-1.568	-1.903	-3.080	-3.574	-.121	-.150	-.897	-1.048
51	-8.427	-3.406	-3.408	-3.405	-3.405	-3.406	-3.408	0.000	-.985	-1.207	-2.905	-3.237	-.072	-.091	-.851	-.955
52	5.955	1.115	1.134	1.091	1.093	1.134	1.113	0.000	-3.793	-3.189	4.597	5.476	-.323	-.272	1.281	1.541
53	-10.236	-1.322	-1.317	-1.328	-1.328	-1.317	-1.323	0.000	1.044	2.147	14.860	16.451	.070	.161	4.132	4.594
54	-41.587	-6.518	-6.518	-6.521	-6.521	-6.517	-6.519	0.000	32.494	31.365	31.973	30.267	2.728	2.627	9.140	8.589
55	2.771	.511	.507	.498	.499	.509	.507	0.000	-1.740	-2.005	1.250	.864	-.141	-.163	.367	.252
56	3.296	.642	.641	.644	.644	.641	.642	0.000	-2.425	-2.929	-.429	-1.162	-.196	-.238	-.067	-.285
57	-2.606	-.243	-.245	-.239	-.240	-.245	-.243	0.000	-1.865	-2.784	-9.583	-10.918	-.144	-.220	-2.646	-3.039
58	2.355	.629	.621	.629	.629	.622	.627	0.000	3.099	2.218	-14.218	-15.494	.269	.196	-4.042	-4.417
59	7.073	1.107	1.097	1.111	1.111	1.098	1.106	0.000	.099	-.302	-4.578	-5.162	.015	-.018	-1.319	-1.493
60	5.808	.602	.597	.619	.618	.602	.597	0.000	-2.293	-2.295	1.424	1.418	-.188	-.188	.397	.393
61	6.313	1.115	1.122	1.111	1.111	1.122	1.114	0.000	-2.994	-2.591	4.304	4.888	-.253	-.219	1.204	1.375
62	-6.380	-.663	-.655	-.668	-.668	-.655	-.663	0.000	-4.777	-3.103	13.541	15.973	-.426	-.286	3.721	4.440
63	-35.465	-5.517	-5.512	-5.520	-5.519	-5.512	-5.517	0.000	11.922	13.160	28.973	30.745	.970	1.070	8.117	8.621
64	-12.096	-2.282	-2.279	-2.228	-2.236	-2.281	-2.271	0.000	7.349	8.438	-3.880	-2.304	.591	.680	-1.107	-.647
65	5.228	.975	.975	.985	.983	.975	.977	0.000	-1.970	-2.349	.915	.360	-.160	-.191	.315	.149
66	3.973	.637	.633	.639	.639	.635	.636	0.000	-1.783	-2.361	-4.377	-5.220	-.141	-.189	-1.220	-1.470
67	1.227	.278	.270	.277	.277	.272	.277	0.000	2.030	1.330	-13.880	-14.894	.177	.119	-3.975	-4.273
68	4.236	.478	.461	.475	.475	.462	.476	0.000	-.970	-1.059	-3.772	-3.904	-.078	-.085	-1.152	-1.192
69	-4.183	-1.667	-1.671	-1.666	-1.665	-1.670	-1.668	0.000	-7.847	-6.941	11.497	12.805	-.658	-.583	3.234	3.616
70	7.614	1.407	1.434	1.389	1.391	1.433	1.406	0.000	-3.038	-2.552	5.352	6.060	-.259	-.218	1.522	1.732
71	-.918	.146	.153	.142	.142	.153	.146	0.000	-4.943	-3.700	9.161	10.969	-.432	-.328	2.517	3.052
72	-36.141	-5.699	-5.694	-5.702	-5.701	-5.694	-5.699	0.000	-16.223	-11.147	29.945	37.342	-1.445	-1.021	8.100	10.301
73	1.022	.255	.258	.253	.253	.256	.256	0.000	-.147	-.076	-.548	-.440	-.010	-.004	-.173	-.138
74	9.362	1.747	1.748	1.754	1.753	1.747	1.749	0.000	-3.390	-3.976	3.344	2.491	-.273	-.322	1.023	.770
75	7.142	.963	.955	.966	.966	.958	.960	0.000	-2.780	-3.307	-3.104	-3.874	-.225	-.269	-.880	-1.110
76	4.420	.475	.466	.471	.472	.468	.472	0.000	.211	-.102	-8.697	-9.153	.021	-.005	-2.557	-2.690
77	5.846	.801	.789	.792	.794	.790	.798	0.000	.535	.429	-8.064	-8.216	.046	.037	-2.433	-2.476
78	3.309	.132	.129	.122	.124	.126	.134	0.000	-3.585	-3.165	2.354	2.962	-.302	-.267	.573	.752
79	7.522	1.309	1.313	1.307	1.307	1.313	1.309	0.000	-2.586	-2.237	3.090	3.597	-.220	-.191	.836	.986
80	-1.267	.011	.021	.004	.005	.020	.012	0.000	-11.252	-9.159	12.116	15.162	-.969	-.794	3.313	4.217
81	-34.971	-5.576	-5.565	-5.583	-5.582	-5.567	-5.575	0.000	-39.120	-30.885	33.555	45.571	-3.405	-2.715	8.883	12.470
82	5.853	.749	.749	.751	.751	.749	.750	0.000	-6.164	-7.547	6.379	4.355	-.502	-.618	1.926	1.319
83	5.862	1.130	1.131	1.141	1.139	1.130	1.132	0.000	-.587	-.689	1.087	.935	-.048	-.056	.340	.294
84	10.257	1.698	1.695	1.701	1.700	1.695	1.697	0.000	-2.735	-3.256	.038	-.723	-.221	-.264	.032	-.194
85	2.859	-.287	-.298	-.290	-.289	-.294	-.292	0.000	1.396	1.415	-8.227	-8.201	.116	.117	-2.471	-2.463
86	5.308	.493	.478	.480	.482	.479	.488	0.000	.861	.871	-11.680	-11.662	.070	.072	-3.549	-3.540
87	6.364	.854	.842	.842	.843	.842	.851	0.000	-.761	-.580	-5.607	-5.341	-.066	-.050	-1.790	-1.708
88	7.810	1.356	1.362	1.352	1.353	1.362	1.356	0.000	-1.956	-1.618	.687	1.180	-.168	-.140	.112	.260
89	4.416	.968	.978	.967	.967	.977	.970	0.000	-5.698	-4.875	9.493	10.688	-.485	-.417	2.703	3.055
90	6.951	1.198	1.196	1.201	1.201	1.196	1.198	0.000	11.676	9.554	-7.386	-10.478	1.006	.829	-1.933	-2.852
91	-40.804	-5.132	-5.134	-5.139	-5.139	-5.129	-5.136	0.000	31.985	40.445	-45.693	-33.338	2.587	3.296	-13.669	-9.977
92	.975	.618	.618	.621	.620	.618	.619	0.000	3.542	4.598	-6.115	-4.575	.286	.374	-1.818	-1.359
93	8.893	1.270	1.266	1.277	1.276	1.267	1.270	0.000	-1.720	-2.115	-.763	-1.340	-.139	-.172	-.220	-.392
94	.536	-1.367	-1.375	-1.371	-1.370	-1.373	-1.370	0.000	-.574	-.669	-11.266	-11.411	-.050	-.058	-3.346	-3.391
95	3.512	-.199	-.212	-.217	-.214	-.210	-.205	0.000	1.803	1.978	-14.273	-14.013	.146	.162	-4.363	-4.282
96	5.593	.632	.612	.613	.616	.613	.627	0.000	.362	.517	-12.108	-11.875	.026	.040	-3.762	-3.687
97	5.933	.941	.932	.931	.932	.933	.939	0.000	-1.525	-1.214	-2.926	-2.470	-.132	-.105	-1.009	-.871
98	4.346	.908	.913	.906	.906	.913	.908	0.000	-5.681	-4.776	6.178	7.494	-.485	-.410	1.692	2.081
99	-13.175	-2.295	-2.277	-2.296	-2.296	-2.279	-2.292	0.000	-33.974	-28.426	30.429	38.483	-2.897	-2.436	8.350	10.724
100	-38.494	-5.250	-5.252	-5.254	-5.253	-5.251	-5.252	0.000	7.880	12.679	-37.209	-30.215	.616	1.017	-10.990	-8.909
101	.499	.717	.716	.717	.717	.717	.717	0.000	1.864	2.810	-7.795	-6.418	.147	.225	-2.293	-1.885
102	9.642	1.693	1.693	1.698	1.697	1.692	1.695	0.000	-.765	-1.060	.436	.005	-.062	-.086	.134	.005
103	7.684	.617	.608	.616	.617	.610	.614	0.000	-2.616	-3.175	-6.125	-6.941	-.214	-.260	-1.812	-2.055
104	-.315	-1.616	-1.633	-1.630	-1.628	-1.630	-1.623	0.000	.506	.735	-18.385	-18.053	.035	.055	-5.545	-5.446
105	4.712	.288	.252	.249	.255	.252	.280	0.000	.094	.431	-24.823	-24.314	-.001	.030	-7.713	-7.548
106	4.442	.635	.614	.618	.620	.616	.629	0.000	.137	.285	-9.509	-9.284	.007	.021	-3.005	-2.932
107	3.603	.704	.703	.701	.701	.704	.703	0.000	-3.933	-3.365	3.763	4.588	-.334	-.286	.995	1.238
108	-6.270	-.777	-.734	-.753	-.757	-.741	-.765	0.000	-22.726	-20.171	46.554	50.235	-1.908	-1.700	13.580	14.643
109	-35.330	-4.656	-4.658	-4.658	-4.657	-4.657	-4.658	0.000	-17.484	-16.410	-32.295	-30.766	-1.460	-1.374	-9.312	-8.882
110	-5.113	.133	.132	.132	.133	.133	.132	0.000	2.283	3.804	-13.860	-11.647	.177	.303	-4.067	-3.413
111	10.557	2.048	2.049	2.051	2.050	2.048	2.050	0.000	.917	.767	.809	.589	.077	.064	.234	.168
112	9.845	1.190	1.186	1.190	1.191	1.187	1.188	0.000	-.620	-1.693	5.829	4.266	-.041	-.131	1.696	1.233
113	6.712	.403	.388	.385	.389	.391	.396	0.000	-.774	-.824	-14.242	-14.312	-.067	-.070	-4.330	-4.348
114	1.287	-.605	-.634	-.628	-.624	-.629	-.615	0.000	.814	1.098	-21.961	-21.538	.060	.085	-6.708	-6.574
115	.065	-.247	-.298	-.279	-.274	-.289	-.262	0.000	2.423	2.499	-20.398	-20.264	.197	.206	-6.402	-6.346

NOKTALARIN Y YONU STATIK SONUCLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
120	10.425	2.191	2.191	2.193	2.193	2.192	2.191	0.000	3.930	4.087	1.041	1.271	.326	.339	.288	.357
121	12.377	1.760	1.759	1.762	1.762	1.759	1.761	0.000	2.725	1.912	7.966	6.785	.233	.166	2.302	1.954
122	5.459	.142	.120	.126	.133	.128	.126	0.000	3.990	3.853	-9.333	-9.528	.335	.325	-2.871	-2.925
123	4.625	.216	.168	.180	.187	.180	.195	0.000	1.450	1.877	-26.100	-25.458	.110	.149	-8.090	-7.885
124	-7.227	-1.661	-1.694	-1.685	-1.681	-1.689	-1.671	0.000	3.454	3.182	-11.788	-12.159	.286	.266	-3.741	-3.836
125	-1.138	-.174	-.202	-.188	-.186	-.196	-.183	0.000	2.806	2.531	-7.341	-7.728	.235	.214	-2.332	-2.438
126	.044	.031	.023	.025	.026	.024	.028	0.000	-.465	-.334	-2.296	-2.101	-.041	-.029	-.755	-.695
127	-62.072	-8.636	-8.630	-8.628	-8.630	-8.633	-8.630	0.000	-81.909	-87.733	-42.570	-51.187	-6.754	-7.254	-11.735	-14.390
128	-8.915	-.146	-.144	-.143	-.144	-.145	-.145	0.000	-9.599	-9.595	-15.201	-15.220	-.798	-.800	-4.334	-4.359
129	10.202	2.242	2.242	2.244	2.244	2.243	2.242	0.000	6.272	6.640	1.500	2.040	.518	.549	.411	.574
130	12.573	1.822	1.826	1.827	1.825	1.824	1.825	0.000	5.099	4.290	12.010	10.838	.431	.364	3.495	3.152
131	-5.427	-2.556	-2.570	-2.566	-2.561	-2.564	-2.567	0.000	8.123	7.848	-3.468	-3.866	.677	.655	-1.132	-1.246
132	5.380	.439	.414	.420	.424	.420	.429	0.000	3.231	4.045	-22.820	-21.626	.255	.324	-6.926	-6.565
133	3.280	.451	.403	.420	.424	.410	.438	0.000	.174	.628	-20.954	-20.269	.003	.044	-6.571	-6.352
134	-.805	.076	.042	.054	.057	.048	.066	0.000	1.983	1.792	-7.408	-7.662	.164	.151	-2.458	-2.519
135	1.056	.127	.164	.151	.147	.158	.139	0.000	-.718	-.928	13.103	12.780	-.055	-.075	4.172	4.064
136	-7.565	.379	.383	.385	.383	.381	.382	0.000	-8.047	-7.937	-15.949	-15.815	-.670	-.663	-4.552	-4.533
137	10.780	2.465	2.466	2.468	2.467	2.466	2.466	0.000	8.710	9.323	.993	1.891	.718	.769	.249	.519
138	14.916	1.861	1.867	1.867	1.864	1.864	1.867	0.000	11.503	11.232	17.523	17.148	.957	.937	5.042	4.945
139	-5.478	-2.655	-2.649	-2.650	-2.655	-2.654	-2.645	0.000	8.499	8.305	-.016	-.294	.698	.682	-.101	-.178
140	7.239	.934	.921	.923	.925	.924	.928	0.000	3.943	4.567	-17.868	-16.955	.317	.370	-5.381	-5.107
141	6.905	1.271	1.252	1.258	1.259	1.255	1.266	0.000	.789	1.100	-11.264	-10.801	.057	.085	-3.492	-3.348
142	2.744	.611	.590	.598	.599	.592	.607	0.000	-.312	-.136	-6.287	-6.017	-.032	-.016	-2.033	-1.944
143	-2.866	-.288	-.495	-.421	-.401	-.460	-.353	0.000	3.108	4.562	-74.530	-72.314	.228	.362	-23.701	-22.976
144	13.493	3.163	3.168	3.170	3.167	3.166	3.168	0.000	12.023	12.906	.986	2.279	.991	1.065	.230	.618
145	15.134	1.834	1.835	1.835	1.834	1.834	1.836	0.000	15.471	16.074	11.556	12.459	1.279	1.332	3.247	3.534
146	5.719	-.125	-.107	-.109	-.119	-.117	-.106	0.000	8.515	8.512	1.304	1.309	.701	.702	.306	.315
147	8.522	1.126	1.122	1.122	1.122	1.123	1.124	0.000	6.330	7.100	-16.478	-15.354	.515	.580	-4.935	-4.599
148	9.859	1.930	1.921	1.923	1.923	1.922	1.928	0.000	2.110	2.400	-8.440	-8.013	.169	.194	-2.581	-2.451
149	1.523	.739	.735	.737	.737	.735	.739	0.000	-.297	-.601	5.754	5.315	-.020	-.045	1.650	1.521
150	-.446	-.056	-.018	-.031	-.035	-.025	-.045	0.000	-.154	-.579	15.285	14.648	-.004	-.042	4.833	4.631
151	21.014	2.759	2.764	2.764	2.761	2.761	2.764	0.000	22.033	22.974	18.699	20.108	1.822	1.905	5.280	5.726
152	-.084	-2.514	-2.506	-2.508	-2.511	-2.509	-2.508	0.000	5.452	4.977	5.853	5.181	.463	.426	1.649	1.466
153	4.146	.306	.308	.304	.304	.308	.305	0.000	4.263	4.665	-17.932	-17.351	.349	.382	-5.282	-5.112
154	11.037	2.215	2.213	2.211	2.213	2.215	2.211	0.000	4.076	4.290	-6.678	-6.367	.337	.355	-1.998	-1.906
155	3.942	1.328	1.329	1.330	1.329	1.327	1.331	0.000	.152	-.036	7.791	7.521	.014	-.001	2.278	2.199
156	4.307	.514	.500	.503	.503	.500	.513	0.000	-.566	.060	-13.344	-12.422	-.062	-.008	-4.072	-3.790
157	-10.970	-6.256	-6.277	-6.281	-6.270	-6.267	-6.278	0.000	-.026	-1.082	11.258	9.752	.017	-.067	3.233	2.813
158	6.820	.775	.779	.773	.775	.779	.773	0.000	4.333	4.162	-10.120	-10.371	.362	.347	-2.953	-3.030
159	11.162	2.293	2.296	2.289	2.292	2.298	2.288	0.000	5.618	5.855	-6.940	-6.597	.465	.485	-2.052	-1.951
160	4.926	1.578	1.586	1.583	1.583	1.586	1.579	0.000	1.931	1.564	10.263	9.725	.168	.137	3.072	2.910
161	-27.779	-2.874	-2.818	-2.830	-2.832	-2.823	-2.865	0.000	-1.573	-4.992	80.251	75.241	-.060	-.351	24.138	22.626
162	6.067	.840	.847	.841	.841	.847	.839	0.000	4.031	3.903	-16.890	-17.086	.339	.327	-4.902	-4.967
163	12.962	2.699	2.710	2.696	2.699	2.710	2.696	0.000	7.917	8.261	-8.649	-8.147	.654	.683	-2.554	-2.407
164	5.488	1.648	1.656	1.650	1.650	1.655	1.649	0.000	3.084	3.045	5.497	5.441	.258	.255	1.620	1.604
165	-26.271	-2.704	-2.689	-2.678	-2.692	-2.702	-2.676	0.000	-7.265	-8.327	55.084	53.552	-.592	-.680	16.212	15.767
166	16.514	3.575	3.590	3.576	3.577	3.588	3.576	0.000	11.023	11.542	-10.963	-10.208	.911	.954	-3.238	-3.015
167	9.096	2.043	2.070	2.034	2.041	2.069	2.037	0.000	5.207	5.579	-4.165	-3.618	.428	.460	-1.262	-1.097
168	3.619	.392	.394	.387	.392	.397	.385	0.000	1.363	1.408	-6.116	-6.055	.116	.119	-1.785	-1.770
169	14.269	3.242	3.263	3.239	3.242	3.261	3.240	0.000	9.461	10.031	-7.123	-6.290	.780	.828	-2.132	-1.884
170	2.720	.700	.678	.709	.703	.679	.705	0.000	1.783	1.709	.534	.423	.149	.142	.186	.150
171	-17.823	-4.036	-3.867	-4.093	-4.055	-3.879	-4.064	0.000	-10.730	-10.124	3.555	4.472	-.901	-.845	.825	1.122

ANALIZ SONUCLARI

Nokta no	serbestlik δz	θx	θy	X m	Y m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm²	Asux cm²	Asay cm²	Asuy cm²
1	0	0	0	0.000	0.000	-21.126	0.000	-15.704	0.000	3.892	5.114	2.887	5.095
2	0	0	0	1.008	0.000	0.000	24.389	0.000	3.084	2.912	9.987	2.740	3.846
3	0	0	0	0.000	1.000	0.000	3.288	0.000	24.488	2.912	3.447	2.161	9.900
4	0	0	0	2.017	0.000	0.000	29.160	-4.179	8.080	1.283	11.990	9.591	9.330
5	0	0	0	1.008	1.000	0.000	17.667	0.000	16.673	.031	9.760	.486	9.900
6	0	0	0	0.000	2.000	0.000	4.019	0.000	29.443	4.750	3.218	3.909	11.837
7	0	0	0	3.025	0.000	-9.340	5.841	-59.842	35.899	.831	1.790	16.711	10.804
8	0	0	0	2.017	1.000	0.000	25.686	-4.433	19.569	.498	13.475	1.615	9.810
9	0	0	0	1.008	2.000	-.286	16.015	0.000	24.441	.069	9.766	.077	12.470
10	0	0	0	0.000	3.000	-34.020	0.000	-28.286	5.650	4.710	4.728	4.035	11.410
11	0	0	0	4.033	0.000	-13.996	4.495	-47.110	12.898	1.346	1.466	17.003	11.647
12	0	0	0	3.025	1.000	-4.194	19.795	-6.073	20.007	2.830	10.683	9.038	13.809
13	0	0	0	2.017	2.000	-.345	26.778	0.000	23.143	.597	14.046	.486	12.916
14	0	0	0	1.008	3.000	0.000	22.610	-.705	16.771	4.149	9.428	3.201	9.970
15	0	0	0	0.000	4.000	0.000	7.517	-.198	29.213	5.022	3.421	3.952	12.037
16	0	0	0	5.042	0.000	-12.594	21.335	-1.812	12.605	7.554	7.241	12.533	5.693
17	0	0	0	4.033	1.000	-8.658	16.902	-10.397	21.311	4.985	9.596	8.473	10.117
18	0	0	0	3.025	2.000	-3.476	26.835	0.000	25.148	2.203	14.377	1.247	13.566
19	0	0	0	2.017	3.000	-1.337	28.638	0.000	21.994	1.108	15.476	.077	12.082
20	0	0	0	1.008	4.000	-1.860	16.885	-.010	20.010	.796	10.601	.100	12.363
21	0	0	0	0.000	5.000	-.363	.384	-.099	30.530	.483	3.628	1.626	14.885
22	0	0	0	6.050	0.000	-16.248	6.475	-32.955	6.143	2.068	1.370	2.416	.957
23	0	0	0	5.042	1.000	-11.347	19.672	-6.934	9.373	6.507	9.624	5.774	9.022
24	0	0	0	4.033	2.000	-6.779	24.752	-5.281	26.557	4.203	13.109	4.339	14.622
25	0	0	0	3.025	3.000	-5.212	28.612	0.000	25.006	3.254	15.356	.280	12.799
26	0	0	0	2.017	4.000	-3.198	29.455	0.000	20.224	2.645	14.347	.001	10.534
27	0	0	0	1.008	5.000	-2.200	17.882	0.000	23.336	1.683	8.633	1.377	12.361
28	0	0	0	0.000	6.000	-.963	.489	-11.536	21.788	1.288	4.149	10.166	11.880
29	0	0	0	7.058	0.000	-24.115	10.517	-33.353	4.866	2.372	1.518	2.378	.651
30	0	0	0	6.050	1.000	-15.537	7.068	-11.873	8.079	2.154	1.277	2.252	1.238
31	0	0	0	5.042	2.000	-10.358	20.874	-20.976	29.234	7.265	11.018	9.265	13.898
32	0	0	0	4.033	3.000	-8.723	26.588	-2.557	26.603	5.351	13.946	3.098	14.790
33	0	0	0	3.025	4.000	-10.733	24.406	0.000	14.541	5.195	15.229	.364	9.475
34	0	0	0	2.017	5.000	-6.870	27.130	0.000	16.996	4.075	14.583	1.701	9.298
35	0	0	0	1.008	6.000	-4.011	14.924	-12.427	18.667	2.673	6.750	9.403	10.363
36	0	0	0	0.000	7.000	-4.043	14.211	-48.395	13.333	12.372	5.370	33.571	11.179
37	0	0	0	8.067	0.000	-16.724	24.014	-.280	6.881	7.520	10.190	5.690	2.583
38	0	0	0	7.058	1.000	-21.461	9.292	-12.161	3.681	2.374	1.311	2.262	1.038
39	0	0	0	6.050	2.000	-24.560	10.378	-29.292	23.979	2.283	1.578	2.798	2.742
40	0	0	0	5.042	3.000	-12.141	22.278	-20.243	33.553	6.813	13.309	8.067	15.063
41	0	0	0	4.033	4.000	-15.379	20.873	0.000	18.564	8.631	12.843	2.711	7.845
42	0	0	0	3.025	5.000	-12.319	30.656	-3.319	6.221	9.688	13.517	3.304	6.261
43	0	0	0	2.017	6.000	-12.255	23.397	-12.149	16.235	7.133	12.035	8.890	9.644
44	0	0	0	1.008	7.000	-4.821	3.944	-47.820	12.257	4.850	6.526	22.948	6.952
45	0	0	0	0.000	8.000	-77.877	20.077	-177.871	32.104	4.665	2.063	55.120	8.956
46	0	0	0	9.075	0.000	0.000	18.281	-1.457	.198	2.515	11.541	.403	2.936
47	0	0	0	8.067	1.000	-13.102	19.812	-5.909	6.805	6.496	9.802	4.671	4.984
48	0	0	0	7.058	2.000	-24.034	7.597	-30.344	19.554	2.325	1.466	2.874	2.395
49	0	0	0	6.050	3.000	-19.996	19.412	-23.289	32.623	10.335	9.729	11.232	16.365
50	0	0	0	5.042	4.000	-9.975	28.506	-5.173	10.578	7.508	14.020	3.080	10.692
51	0	0	0	4.033	5.000	-32.373	13.301	-16.867	0.000	10.958	14.706	3.058	6.203
52	0	0	0	3.025	6.000	-24.114	23.948	-9.742	18.551	11.729	15.506	8.014	8.868
53	0	0	0	2.017	7.000	-16.770	17.336	-45.132	15.582	9.779	9.098	21.357	8.001
54	0	0	0	1.008	8.000	-14.125	8.246	-99.239	2.580	4.319	1.546	52.128	7.670
55	0	0	0	10.083	0.000	-1.535	23.507	0.000	5.211	8.560	12.529	3.353	2.126
56	0	0	0	9.075	1.000	0.000	16.179	-1.201	9.005	2.103	10.218	1.766	4.747
57	0	0	0	8.067	2.000	-7.110	18.105	-22.620	18.592	5.421	8.762	10.253	10.277
58	0	0	0	7.058	3.000	-19.061	15.343	-24.483	33.295	8.574	8.550	12.119	14.904
59	0	0	0	6.050	4.000	-16.278	19.355	-2.500	20.145	9.407	12.228	6.003	10.147
60	0	0	0	5.042	5.000	-13.547	32.718	0.000	12.294	11.452	15.625	5.276	6.250
61	0	0	0	4.033	6.000	-23.822	32.019	-7.529	18.724	15.459	16.518	7.248	8.711
62	0	0	0	3.025	7.000	-31.588	26.325	-39.038	19.522	19.191	15.081	21.357	9.826
63	0	0	0	2.017	8.000	-21.770	10.268	-90.108	8.061	3.963	2.348	40.138	5.810
64	0	0	0	11.092	0.000	-53.706	26.409	-22.835	0.000	12.128	17.635	3.187	3.375
65	0	0	0	10.083	1.000	-6.005	20.588	0.000	10.043	3.530	11.844	.308	6.589
66	0	0	0	9.075	2.000	0.000	16.161	-7.493	16.802	1.497	9.316	4.968	9.438
67	0	0	0	8.067	3.000	-4.614	16.658	-24.957	29.778	3.399	9.510	10.282	14.207
68	0	0	0	7.058	4.000	-8.983	17.463	-4.386	15.996	5.288	10.946	4.530	11.501
69	0	0	0	6.050	5.000	-28.735	23.655	-18.683	11.064	8.534	15.858	2.877	8.218
70	0	0	0	5.042	6.000	-17.080	39.173	-6.844	22.277	10.292	21.033	5.246	11.019
71	0	0	0	4.033	7.000	-38.557	36.441	-24.052	18.332	19.760	19.472	21.357	12.725
72	0	0	0	3.025	8.000	-56.175	28.698	-99.256	15.628	4.981	2.961	40.828	10.388
73	0	0	0	12.100	0.000	-12.871	44.688	-.269	2.477	14.189	21.357	3.627	3.963
74	0	0	0	11.092	1.000	-17.914	28.790	0.000	16.763	11.511	16.136	2.516	6.263
75	0	0	0	10.083	2.000	-6.509	16.023	-1.611	18.194	3.228	10.457	2.305	8.890
76	0	0	0	9.075	3.000	0.000	16.702	-11.896	21.641	1.058	9.047	7.526	12.044
77	0	0	0	8.067	4.000	0.000	18.052	-7.627	22.017	1.495	10.100	5.356	11.960
78	0	0	0	7.058	5.000	-3.353	27.118	-1.918	10.675	5.492	13.688	2.755	7.712
79	0	0	0	6.050	6.000	-14.418	36.471	-2.985	19.382	9.854	19.730	5.152	10.838
80	0	0	0	5.042	7.000	-22.796	42.033	-29.938	25.294	14.386	21.357	9.808	13.290
81	0	0	0	4.033	8.000	-55.154	32.717	-110.243	30.787	5.418	4.386	27.925	12.563
82	0	0	0	13.108	0.000	-20.671	51.399	-3.161	15.757	13.481	21.357	18.316	8.043
83	0	0	0	12.100	1.000	-12.886	40.612	0.000	10.437	7.718	21.357	1.261	6.652
84	0	0	0	11.092	2.000	-11.708	25.265	0.000	19.087	7.255	14.221	1.818	9.967
85	0	0	0	10.083	3.000	-5.021	15.065	-11.825	15.325	4.523	8.440	6.195	10.635
86	0	0	0	9.075	4.000	0.000	16.234	-11.313	23.262	.895	8.905	6.015	12.325
87	0	0	0	8.067	5.000	0.000	21.587	0.000	15.033	.368	12.002	1.910	8.968
88	0	0	0	7.058	6.000	-8.416	31.076	0.000	16.352	3.806	17.656	1.984	9.035
89	0	0	0	6.050	7.000	-19.211	41.293	-17.949	27.328	9.657	21.357	16.182	16.354
90	0	0	0	5.042	8.000	-29.201	47.217	-8.672	24.272	18.417	21.357	25.989	18.477
91	0	0	0	14.117	0.000	-44.063	34.018	-113.309	25.979	4.481	4.909	25.733	9.525
92	0	0	0	13.108	1.000	-17.702	49.483	-11.209	13.412	11.195	21.357	3.140	8.195
93	0	0	0	12.100	2.000	-7.800	40.302	0.000	16.686	5.672	21.357	.052	10.080
94	0	0	0	11.092	3.000	-21.166	15.060	-14.915	18.107	7.384	12.067	1.198	2.443
95	0	0	0	10.083	4.000	-8.152	12.658	-15.486	21.376	5.777	7.514	9.137	13.184
96	0	0	0	9.075	5.000	0.000	15.932	-7.812	20.928	1.738	9.061	4.796	11.915
97	0	0	0	8.067	6.000	0.000	23.758	0.000	11.476	.924	13.753	1.365	8.249
98	0	0	0	7.058	7.000	-8.249	36.003	-13.123	22.830	5.516	20.050	14.457	18.178
99	0	0	0	6.050	8.000	-21.469	43.096	-78.053	48.664	2.528	5.121	21.700	21.357
100	0	0	0	15.125	0.000	-48.616	31.263	-94.308	11.447	4.034	3.337	37.885	8.437
101	0	0	0	14.117	1.000	-34.839	45.621	-14.088	14.813	16.097	21.357	19.103	10.151
102	0	0	0	13.108	2.000	-13.394	45.143	0.000	18.943	7.866	21.357	1.231	10.445
103	0	0	0	12.100	3.000	-5.297	38.615	-.477	24.671	5.590	19.989	2.708	12.872
104	0	0	0	11.092	4.000	-23.043	13.001	-22.399	23.918	9.028	9.911	2.028	2.923
105	0	0	0	10.083	5.000	-15.801	10.422	-20.587	32.711	6.929	7.109	9.742	13.826
106	0	0	0	9.075	6.000	0.000	16.771	-3.574	13.770	1.542	9.670	3.630	8.115
107	0	0	0	8.067	7.000	0.000	28.258	-8.850	17.203	.905	15.389	3.411	7.579
108	0	0	0	7.058	8.000	-13.825	37.687	-87.524	75.067	1.314	4.444	21.357	21.357
109	0	0	0	16.133	0.000	-15.556	12.978	-82.026	6.861	3.154	2.790	35.194	4.885
110	0	0	0	15.125	1.000	-25.202	32.163	-27.873	16.102	15.850	19.410	19.208	8.424
111	0	0	0	14.117	2.000	-19.530	43.162	0.000	20.132	11.408	21.357	1.549	11.527
112	0	0	0	13.108	3.000	-12.045	44.343	0.000	23.816	5.817	21.357	.620	13.354
113	0	0	0	12.100	4.000	-4.051	35.492	-9.178	30.642	4.641	18.854	6.671	15.483
114	0	0	0	11.092	5.000	-24.240	12.145	-21.955	26.912	11.632	8.751	12.146	14.190
115	0	0	0	10.083	6.000	-14.028	12.653	-21.041	20.149	9.961	6.520	8.555	9.065

ANALIZ SONUCLARI

Nokta no	serbestlik δz	∂x	θy	X m	Y m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm²	Asux cm²	Asay cm²	Asuy cm²
120	0	0	0	15.125	2.000	-18.549	37.299	0.000	19.858	9.887	20.423	3.492	12.549
121	0	0	0	14.117	3.000	-15.014	39.062	0.000	28.604	9.587	21.357	2.241	13.036
122	0	0	0	13.108	4.000	-6.629	42.234	-5.179	22.013	6.247	21.357	6.227	14.023
123	0	0	0	12.100	5.000	-2.882	35.067	-22.706	34.905	5.085	17.798	10.622	18.159
124	0	0	0	11.092	6.000	-37.298	7.599	-20.039	6.734	14.783	9.781	2.072	2.119
125	0	0	0	10.083	7.000	-21.661	11.156	-11.275	7.618	12.181	8.452	5.992	6.334
126	0	0	0	9.075	8.000	0.000	18.064	-1.743	1.848	3.325	10.838	3.417	4.770
127	0	0	0	18.150	0.000	-62.672	19.310	-169.388	32.899	3.733	1.966	47.956	9.128
128	0	0	0	17.142	1.000	-3.097	8.583	-32.399	10.675	3.672	8.040	21.340	6.961
129	0	0	0	16.133	2.000	-11.137	29.897	0.000	20.613	6.086	16.087	4.397	13.655
130	0	0	0	15.125	3.000	-13.728	34.871	-3.744	34.445	9.098	19.566	3.259	15.333
131	0	0	0	14.117	4.000	-25.219	29.307	-16.607	8.326	2.183	4.210	6.326	11.454
132	0	0	0	13.108	5.000	-8.248	41.028	-25.044	38.960	4.851	21.357	8.275	17.416
133	0	0	0	12.100	6.000	-6.445	31.878	-15.646	27.206	6.718	16.319	7.039	11.488
134	0	0	0	11.092	7.000	-48.206	22.950	-7.097	6.700	21.357	15.675	3.131	2.896
135	0	0	0	10.083	8.000	-24.097	11.718	-14.094	16.155	21.357	14.970	16.632	16.026
136	0	0	0	18.150	1.000	-3.782	11.473	-31.055	12.211	9.748	5.598	26.845	12.008
137	0	0	0	17.142	2.000	-3.864	19.501	-.061	22.657	2.408	9.691	3.970	13.650
138	0	0	0	16.133	3.000	-9.162	31.875	-8.584	44.341	4.788	18.360	2.033	17.585
139	0	0	0	15.125	4.000	-24.813	27.208	-17.199	7.632	2.064	3.821	6.477	11.669
140	0	0	0	14.117	5.000	-18.690	36.270	-17.907	35.153	8.979	19.734	8.573	15.962
141	0	0	0	13.108	6.000	-7.329	37.101	-3.225	21.381	4.602	20.993	5.967	14.335
142	0	0	0	12.100	7.000	-6.405	31.561	-1.575	11.796	8.467	18.399	5.829	8.940
143	0	0	0	11.092	8.000	-103.681	64.507	-89.557	86.966	21.357	19.524	3.903	3.836
144	0	0	0	18.150	2.000	0.000	.980	-.865	29.412	1.592	4.578	5.046	16.733
145	0	0	0	17.142	3.000	-3.765	27.482	-2.580	37.223	2.694	10.416	2.582	18.929
146	0	0	0	16.133	4.000	-5.426	36.172	-3.560	17.206	5.465	16.101	6.891	12.318
147	0	0	0	15.125	5.000	-16.237	30.463	-17.116	35.969	8.604	18.333	8.609	15.071
148	0	0	0	14.117	6.000	-11.832	34.638	0.000	21.789	6.904	19.321	3.514	13.932
149	0	0	0	13.108	7.000	-7.704	37.436	-9.788	17.080	4.494	19.677	4.362	10.714
150	0	0	0	12.100	8.000	-6.988	36.800	-18.375	17.104	17.599	21.357	17.673	19.821
151	0	0	0	18.150	3.000	-3.935	1.117	-4.432	53.069	1.321	5.981	4.686	17.235
152	0	0	0	17.142	4.000	-3.714	12.767	-7.769	7.746	.427	2.562	5.558	9.711
153	0	0	0	16.133	5.000	-6.131	33.347	-24.771	32.242	3.971	16.690	6.185	14.948
154	0	0	0	15.125	6.000	-11.076	32.783	0.000	21.665	6.010	17.428	3.268	14.616
155	0	0	0	14.117	7.000	-13.069	27.491	-10.681	22.991	6.654	15.504	19.635	20.533
156	0	0	0	13.108	8.000	-6.084	37.644	-14.143	22.074	5.305	17.763	21.357	21.060
157	0	0	0	18.150	4.000	-1.920	13.486	-25.968	1.014	.323	.886	8.330	13.234
158	0	0	0	17.142	5.000	-2.876	16.103	-10.196	23.422	1.603	9.504	7.154	13.854
159	0	0	0	16.133	6.000	-5.239	30.241	0.000	22.782	2.885	16.962	3.241	13.913
160	0	0	0	15.125	7.000	-9.704	24.389	-12.486	26.597	5.950	14.574	14.968	16.964
161	0	0	0	14.117	8.000	-17.480	12.373	-137.931	89.848	1.611	2.709	31.090	21.831
162	0	0	0	18.150	5.000	-1.150	1.981	-21.472	31.785	.845	4.433	8.045	12.781
163	0	0	0	17.142	6.000	-.713	20.611	0.000	27.119	1.092	9.917	1.120	14.201
164	0	0	0	16.133	7.000	-2.998	31.626	-4.592	19.008	2.324	16.296	2.563	11.098
165	0	0	0	15.125	8.000	-16.711	12.155	-104.029	58.363	1.393	2.558	30.290	21.357
166	0	0	0	18.150	6.000	-.211	.468	0.000	34.292	.284	4.065	2.961	17.382
167	0	0	0	17.142	7.000	-.910	20.986	0.000	17.661	.507	12.339	.504	10.995
168	0	0	0	16.133	8.000	-2.247	35.769	-6.180	12.601	3.028	15.543	16.354	13.499
169	0	0	0	18.150	7.000	0.000	6.342	0.000	28.510	5.203	3.841	4.569	11.321
170	0	0	0	17.142	8.000	0.000	29.777	0.000	5.459	5.490	12.202	5.436	4.949
171	0	0	0	18.150	8.000	-36.416	0.000	-33.013	0.000	6.756	6.700	6.115	6.295

WINKLER YAYINA GELEN YUKLER (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w
1	-2.98	-.53	-.53	-.53	-.53	-.53	-.53	0.00	1.56	1.38	-1.76	-2.03	.13	.12	-.49	-.57
2	-5.35	-.94	-.95	-.94	-.94	-.95	-.94	0.00	2.17	1.91	-3.08	-3.45	.18	.16	-.86	-.97
3	-5.61	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	0.00	3.09	2.72	-2.65	-3.18	.26	.23	-.73	-.89
4	-4.99	-.87	-.87	-.87	-.87	-.87	-.87	0.00	1.37	1.21	-2.72	-2.95	.12	.10	-.77	-.83
5	-10.29	-1.84	-1.85	-1.84	-1.84	-1.85	-1.84	0.00	4.33	3.82	-4.76	-5.50	.36	.32	-1.32	-1.54
6	-5.55	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	0.00	3.24	2.86	-1.79	-2.34	.27	.24	-.48	-.64
7	-4.96	-.86	-.86	-.86	-.86	-.86	-.86	0.00	.78	.69	-2.49	-2.61	.07	.06	-.70	-.74
8	-9.67	-1.71	-1.71	-1.70	-1.71	-1.71	-1.71	0.00	2.70	2.40	-4.43	-4.88	.23	.20	-1.24	-1.37
9	-10.19	-1.86	-1.86	-1.85	-1.86	-1.86	-1.86	0.00	4.48	3.98	-3.28	-4.01	.38	.34	-.90	-1.12
10	-5.88	-1.10	-1.10	-1.10	-1.10	-1.10	-1.10	0.00	3.65	3.26	-.85	-1.42	.31	.28	-.21	-.38
11	-5.03	-.87	-.87	-.87	-.87	-.87	-.87	0.00	.30	.26	-2.43	-2.49	.03	.02	-.69	-.71
12	-9.57	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	0.00	1.44	1.28	-4.39	-4.62	.12	.11	-1.24	-1.31
13	-9.49	-1.70	-1.71	-1.70	-1.70	-1.71	-1.70	0.00	2.69	2.40	-3.16	-3.58	.23	.20	-.89	-1.01
14	-10.58	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	0.00	4.92	4.42	-1.58	-2.30	.41	.37	-.42	-.63
15	-6.21	-1.14	-1.14	-1.14	-1.14	-1.14	-1.14	0.00	4.21	3.81	.31	-.27	.35	.32	.12	-.05
16	-5.08	-.87	-.87	-.87	-.87	-.87	-.87	0.00	-.05	-.06	-2.42	-2.42	0.00	-.01	-.69	-.70
17	-9.70	-1.68	-1.68	-1.67	-1.67	-1.68	-1.68	0.00	.49	.43	-4.46	-4.56	.04	.04	-1.28	-1.30
18	-9.22	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	0.00	1.27	1.14	-3.28	-3.47	.11	.10	-.93	-.99
19	-9.70	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	0.00	2.80	2.55	-1.64	-2.00	.23	.21	-.45	-.56
20	-11.27	-2.05	-2.05	-2.05	-2.05	-2.05	-2.05	0.00	5.63	5.16	.42	-.27	.47	.43	.15	-.05
21	-6.77	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20	0.00	5.07	4.65	1.57	.96	.43	.39	.48	.29
22	-5.09	-.87	-.87	-.87	-.87	-.87	-.87	0.00	-.19	-.18	-2.38	-2.37	-.02	-.02	-.69	-.68
23	-9.89	-1.69	-1.70	-1.69	-1.69	-1.70	-1.69	0.00	-.15	-.15	-4.56	-4.57	-.01	-.01	-1.31	-1.31
24	-9.32	-1.63	-1.63	-1.62	-1.62	-1.63	-1.63	0.00	.27	.24	-3.58	-3.62	.02	.02	-1.03	-1.04
25	-9.32	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	0.00	1.13	1.06	-1.90	-1.99	.09	.09	-.54	-.57
26	-10.38	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	0.00	3.09	2.90	.15	-.13	.26	.24	.05	-.03
27	-12.44	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	0.00	6.75	6.29	2.65	1.97	.57	.53	.78	.58
28	-7.76	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	0.00	6.33	5.85	2.85	2.14	.53	.49	.84	.63
29	-5.08	-.87	-.87	-.87	-.87	-.87	-.87	0.00	-.17	-.16	-2.38	-2.37	-.01	-.01	-.69	-.68
30	-10.05	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	0.00	-.39	-.38	-4.62	-4.58	-.03	-.03	-1.33	-1.32
31	-9.62	-1.66	-1.66	-1.66	-1.66	-1.66	-1.66	0.00	-.31	-.29	-4.00	-3.97	-.03	-.02	-1.15	-1.14
32	-9.27	-1.65	-1.66	-1.65	-1.65	-1.66	-1.65	0.00	-.04	.01	-2.29	-2.22	0.00	0.00	-.67	-.64
33	-9.93	-1.81	-1.82	-1.81	-1.81	-1.82	-1.81	0.00	1.05	1.07	-.24	-.20	.09	.09	-.08	-.07
34	-11.50	-2.06	-2.06	-2.06	-2.06	-2.06	-2.06	0.00	3.59	3.47	2.16	1.98	.30	.29	.62	.56
35	-14.19	-2.45	-2.45	-2.46	-2.46	-2.45	-2.46	0.00	8.31	7.83	4.90	4.18	.70	.66	1.42	1.21
36	-8.94	-1.51	-1.51	-1.51	-1.51	-1.51	-1.51	0.00	7.77	7.20	3.93	3.09	.66	.61	1.16	.90
37	-5.02	-.85	-.85	-.85	-.85	-.85	-.85	0.00	.14	.20	-2.56	-2.48	.01	.02	-.74	-.72
38	-10.03	-1.71	-1.71	-1.71	-1.71	-1.71	-1.71	0.00	-.36	-.34	-4.63	-4.59	-.03	-.03	-1.33	-1.32
39	-9.89	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	0.00	-.47	-.44	-4.35	-4.30	-.04	-.04	-1.25	-1.24
40	-9.41	-1.65	-1.66	-1.65	-1.65	-1.66	-1.65	0.00	-.69	-.59	-2.78	-2.64	-.06	-.05	-.81	-.77
41	-9.69	-1.77	-1.77	-1.77	-1.77	-1.77	-1.77	0.00	-.42	-.25	-.65	-.41	-.04	-.02	-.21	-.14
42	-10.90	-1.98	-1.98	-1.98	-1.98	-1.98	-1.98	0.00	1.00	1.15	1.66	1.88	.08	.09	.45	.52
43	-13.01	-2.28	-2.27	-2.28	-2.28	-2.27	-2.28	0.00	4.28	4.23	4.21	4.13	.36	.35	1.19	1.17
44	-16.12	-2.74	-2.74	-2.75	-2.75	-2.74	-2.74	0.00	10.02	9.48	6.78	5.98	.84	.80	1.96	1.72
45	-4.80	-.80	-.80	-.81	-.81	-.80	-.80	0.00	4.30	3.99	2.21	1.75	.36	.34	.65	.51
46	-5.00	-.85	-.85	-.85	-.85	-.85	-.85	0.00	.90	1.07	-2.95	-2.71	.07	.09	-.86	-.79
47	-9.79	-1.67	-1.68	-1.67	-1.67	-1.68	-1.68	0.00	.20	.29	-4.81	-4.68	.02	.02	-1.40	-1.35
48	-9.85	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	0.00	-.40	-.37	-4.39	-4.35	-.03	-.03	-1.27	-1.25
49	-9.54	-1.66	-1.66	-1.66	-1.65	-1.66	-1.66	0.00	-.85	-.75	-3.24	-3.09	-.07	-.06	-.94	-.90
50	-9.41	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	0.00	-1.30	-1.07	-.95	-.61	-.11	-.09	-.29	-.20
51	-10.34	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	0.00	-.89	-.56	1.25	1.72	-.08	-.05	.33	.46
52	-11.99	-2.13	-2.12	-2.13	-2.13	-2.12	-2.13	0.00	.92	1.22	3.62	4.06	.07	.10	1.00	1.13
53	-14.61	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	0.00	4.99	4.99	5.93	5.94	.41	.41	1.68	1.67
54	-8.57	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	0.00	5.45	5.17	3.81	3.38	.46	.43	1.10	.97
55	-5.22	-.89	-.89	-.89	-.89	-.89	-.89	0.00	1.79	2.09	-3.42	-2.98	.14	.17	-1.01	-.88
56	-9.57	-1.65	-1.65	-1.65	-1.65	-1.65	-1.65	0.00	1.42	1.67	-5.24	-4.88	.11	.14	-1.54	-1.43
57	-9.48	-1.64	-1.64	-1.64	-1.64	-1.64	-1.64	0.00	.09	.17	-4.35	-4.23	.01	.01	-1.26	-1.23
58	-9.41	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	0.00	-.66	-.57	-3.38	-3.25	-.06	-.05	-.98	-.94
59	-9.24	-1.64	-1.64	-1.64	-1.64	-1.64	-1.64	0.00	-1.58	-1.34	-1.16	-.82	-.13	-.11	-.35	-.25
60	-9.54	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	0.00	-2.02	-1.62	1.07	1.65	-.17	-.14	.27	.44
61	-10.93	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	0.00	-1.50	-.98	3.18	3.94	-.13	-.09	.86	1.09
62	-13.26	-2.30	-2.30	-2.31	-2.31	-2.30	-2.30	0.00	.77	1.22	5.27	5.93	.06	.09	1.46	1.65
63	-7.73	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	0.00	2.68	2.69	3.34	3.36	.22	.22	.95	.95
64	-5.54	-.94	-.94	-.94	-.94	-.94	-.94	0.00	2.42	2.84	-3.75	-3.14	.20	.23	-1.12	-.94
65	-9.72	-1.70	-1.70	-1.70	-1.70	-1.70	-1.70	0.00	2.76	3.20	-5.78	-5.13	.22	.26	-1.71	-1.52
66	-9.17	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62	0.00	1.12	1.30	-4.49	-4.22	.09	.11	-1.32	-1.24
67	-9.04	-1.58	-1.58	-1.58	-1.58	-1.58	-1.58	0.00	-.07	.03	-3.32	-3.17	-.01	0.00	-.97	-.93
68	-8.93	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	0.00	-1.22	-1.03	-1.37	-1.10	-.10	-.09	-.41	-.33
69	-9.14	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	0.00	-2.39	-1.99	1.07	1.64	-.20	-.17	.28	.45
70	-9.89	-1.76	-1.76	-1.76	-1.76	-1.76	-1.76	0.00	-2.84	-2.25	2.94	3.81	-.25	-.20	.80	1.05
71	-11.87	-2.08	-2.07	-2.08	-2.08	-2.07	-2.08	0.00	-2.24	-1.51	4.74	5.80	-.20	-.14	1.29	1.61
72	-7.01	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	0.00	.32	.59	3.01	3.40	.02	.04	.83	.95
73	-5.68	-.96	-.96	-.96	-.96	-.96	-.96	0.00	2.48	2.94	-3.66	-3.00	.20	.24	-1.10	-.90
74	-10.07	-1.77	-1.77	-1.77	-1.77	-1.77	-1.77	0.00	3.68	4.27	-6.09	-5.22	.30	.35	-1.82	-1.56
75	-9.23	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	0.00	2.19	2.50	-4.79	-4.34	.18	.20	-1.43	-1.29
76	-8.86	-1.59	-1.60	-1.60	-1.59	-1.60	-1.60	0.00	.89	1.03	-3.42	-3.21	.07	.08	-1.02	-.95
77	-8.64	-1.53	-1.53	-1.53	-1.53	-1.53	-1.53	0.00	-.40	-.26	-1.57	-1.36	-.04	-.02	-.47	-.41
78	-8.68	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	0.00	-1.90	-1.59	.89	1.33	-.16	-.14	.23	.36
79	-9.08	-1.60	-1.60	-1.60	-1.60	-1.60	-1.60	0.00	-3.15	-2.60	2.94	3.74	-.27	-.22	.81	1.04
80	-10.44	-1.83	-1.83	-1.84	-1.84	-1.83	-1.83	0.00	-3.74	-2.95	4.41	5.56	-.32	-.26	1.20	1.54
81	-6.27	-1.09	-1.09	-1.09	-1.09	-1.09	-1.09	0.00	-1.41	-.98	2.76	3.39	-.12	-.09	.75	.94
82	-6.05	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	0.00	2.08	2.54	-3.44	-2.78	.17	.21	-1.03	-.83
83	-10.46	-1.83	-1.83	-1.83	-1.83	-1.83	-1.83	0.00	3.84	4.51	-5.97	-4.99	.31	.37	-1.79	-1.50
84	-9.46	-1.73	-1.73	-1.73	-1.73	-1.73	-1.73	0.00	2.87	3.27	-4.96	-4.37	.23	.27	-1.49	-1.31
85	-9.06	-1.68	-1.69	-1.69	-1.68	-1.69	-1.69	0.00	1.87	2.08	-3.67	-3.36	.15	.17	-1.10	-1.01
86	-8.68	-1.57	-1.57	-1.57	-1.57	-1.57	-1.57	0.00	.65	.76	-1.79	-1.61	.05	.06	-.54	-.49
87	-8.44	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	0.00	-.84	-.66	.69	.96	-.07	-.06	.18	.26
88	-8.57	-1.50	-1.50	-1.50	-1.50	-1.50	-1.50	0.00	-2.55	-2.14	3.04	3.63	-.22	-.18	.85	1.03
89	-9.37	-1.64	-1.63	-1.64	-1.64	-1.63	-1.64	0.00	-4.00	-3.30	4.54	5.56	-.34	-.28	1.26	1.56
90	-5.49	-.96	-.96	-.96	-.96	-.96	-.96	0.00	-2.33	-1.85	2.64	3.35	-.20	-.16	.72	.93
91	-6.67	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	0.00	.95	1.31	-3.14	-2.61	.08	.11	-.93	-.78
92	-11.24	-1.95	-1.96	-1.96	-1.96	-1.96	-1.96	0.00	3.17	3.84	-5.61	-4.64	.26	.31	-1.68	-1.39
93	-9.76	-1.77	-1.78	-1.78	-1.78	-1.78	-1.78	0.00	2.97	3.42	-4.70	-4.05	.24	.28	-1.41	-1.22
94	-9.33	-1.77	-1.77	-1.77	-1.77	-1.77	-1.77	0.00	2.38	2.64	-3.83	-3.45	.19	.22	-1.15	-1.04
95	-9.06	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	0.00	1.62	1.74	-2.08	-1.91	.13	.14	-.64	-.59
96	-8.67	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	0.00	.38	.46	.56	.68	.03	.04	.15	.18
97	-8.45	-1.47	-1.46	-1.46	-1.46	-1.46	-1.46	0.00	-1.30	-1.09	3.24	3.55	-.11	-.09	.93	1.02
98	-8.71	-1.50	-1.50	-1.50	-1.50	-1.50	-1.50	0.00	-3.21	-2.71	5.02	5.74	-.27	-.23	1.43	1.64
99	-4.83	-.84	-.84	-.84	-.84	-.84	-.84	0.00	-2.29	-1.89	2.67	3.25	-.20	-.16	.74	.91
100	-7.39	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31	0.00	-.83	-.63	-2.88	-2.59	-.07	-.05	-.85	-.76
101	-12.52	-2.19	-2.20	-2.20	-2.20	-2.20	-2.19	0.00	1.43	2.00	-5.29	-4.46	.11	.16	-1.58	-1.33
102	-10.38	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	0.00	2.42	2.86	-4.15	-3.52	.20	.23	-1.25	-1.06
103	-9.43	-1.77	-1.77	-1.77	-1.77	-1.77	-1.77	0.00	2.39	2.65	-3.46	-3.07	.20	.22	-1.05	-.93
104	-9.38	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78	0.00	2.10	2.22	-2.26	-2.08	.17	.18	-.70	-.64
105	-9.24	-1.68	-1.69	-1.69	-1.68	-1.69	-1.68	0.00	1.43	1.44	.35	.37	.12	.12	.08	.09
106	-8.87	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	0.00	.14	.16	3.63	3.67	.01	.01	1.06	1.07
107	-8.61	-1.46	-1.45	-1.46	-1.46	-1.45	-1.46	0.00	-1.72	-1.50	5.85	6.18	-.15	-.13	1.71	1.80
108	-4.44	-.76	-.76	-.76	-.76	-.76	-.76	0.00	-1.80	-1.53	3.08	3.48	-.15	-.13	.88	1.00
109	-8.20	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	0.00	-3.13	-3.15	-2.67	-2.71	-.26	-.26	-.77	-.78
110	-13.97	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	0.00	-1.64	-1.33	-4.89	-4.44	-.14	-.11	-1.44	-1.31
111	-11.40	-2.07	-2.08	-2.08	-2.08	-2.08	-2.08	0.00	.98	1.32	-3.58	-3.08	.08	.11	-1.07	-.92
112	-9.90	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	0.00	1.96	2.20	-2.70	-2.35	.16	.18	-.82	-.71
113	-9.43	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78	0.00	2.07	2.20	-1.94	-1.76	.17	.18	-.60	-.54
114	-9.67	-1.78	-1.79	-1.79	-1.78	-1.79	-1.78	0.00	1.95	1.93	.14	.13	.16	.16	.02	.01
115	-9.67	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	0.00	1.37	1.24	4.04	3.86	.12	.11	1.19	1.14

WINKLER YAYINA GELEN YUKLER (t)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w
120	-12.66	-2.35	-2.35	-2.35	-2.36	-2.35	-2.35	0.00	-1.50	-1.34	-3.12	-2.90	-.13	-.11	-.92	-.85
121	-10.74	-2.04	-2.04	-2.04	-2.04	-2.04	-2.04	0.00	.76	.91	-1.85	-1.63	.06	.07	-.56	-.49
122	-9.80	-1.85	-1.86	-1.86	-1.86	-1.86	-1.86	0.00	1.72	1.83	-1.35	-1.20	.14	.15	-.42	-.37
123	-9.69	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	0.00	1.91	1.90	.39	.37	.16	.16	.09	.09
124	-10.22	-1.80	-1.80	-1.80	-1.80	-1.80	-1.80	0.00	1.93	1.75	4.17	3.91	.16	.15	1.23	1.16
125	-10.17	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69	0.00	1.36	1.08	8.82	8.41	.12	.09	2.65	2.53
126	-4.75	-.76	-.76	-.76	-.76	-.76	-.76	0.00	-.08	-.16	5.54	5.43	0.00	-.01	1.66	1.63
127	-5.21	-.99	-.99	-.99	-.99	-.99	-.99	0.00	-4.39	-4.66	-1.30	-1.71	-.36	-.38	-.35	-.48
128	-17.43	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	0.00	-10.64	-11.16	-4.27	-5.04	-.88	-.92	-1.19	-1.42
129	-14.09	-2.71	-2.71	-2.71	-2.71	-2.71	-2.71	0.00	-4.90	-5.03	-2.77	-2.96	-.41	-.42	-.79	-.85
130	-11.79	-2.29	-2.29	-2.29	-2.29	-2.29	-2.29	0.00	-1.30	-1.29	-1.35	-1.33	-.11	-.11	-.40	-.40
131	-10.63	-2.05	-2.05	-2.05	-2.05	-2.05	-2.05	0.00	.68	.73	-.82	-.74	.06	.06	-.26	-.23
132	-9.90	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	0.00	1.48	1.47	.56	.55	.12	.12	.15	.15
133	-10.13	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78	0.00	1.80	1.62	4.04	3.79	.15	.14	1.20	1.12
134	-10.77	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	0.00	1.98	1.60	9.64	9.09	.17	.14	2.90	2.74
135	-5.36	-.85	-.84	-.85	-.85	-.85	-.85	0.00	.73	.50	7.13	6.79	.06	.05	2.16	2.05
136	-9.79	-1.90	-1.90	-1.90	-1.90	-1.90	-1.90	0.00	-7.98	-8.48	-2.11	-2.84	-.66	-.70	-.57	-.79
137	-15.73	-3.14	-3.14	-3.14	-3.14	-3.14	-3.14	0.00	-8.96	-9.44	-2.44	-3.13	-.74	-.78	-.67	-.88
138	-13.00	-2.62	-2.62	-2.62	-2.63	-2.62	-2.62	0.00	-4.16	-4.34	-1.08	-1.35	-.34	-.36	-.31	-.39
139	-11.54	-2.30	-2.30	-2.30	-2.30	-2.30	-2.29	0.00	-1.20	-1.25	-.41	-.49	-.10	-.10	-.13	-.15
140	-10.51	-1.99	-1.99	-1.99	-1.99	-1.99	-1.99	0.00	.47	.45	.49	.46	.04	.04	.13	.13
141	-10.20	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	0.00	1.25	1.10	3.60	3.39	.11	.09	1.07	1.00
142	-10.67	-1.78	-1.78	-1.78	-1.78	-1.78	-1.78	0.00	1.78	1.43	8.82	8.31	.15	.12	2.65	2.50
143	-5.74	-.91	-.90	-.90	-.90	-.90	-.91	0.00	1.08	.77	8.15	7.70	.09	.07	2.47	2.34
144	-8.75	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	0.00	-6.66	-7.08	-1.06	-1.68	-.55	-.58	-.27	-.46
145	-14.46	-3.06	-3.06	-3.06	-3.06	-3.06	-3.06	0.00	-7.60	-8.05	-.61	-1.28	-.63	-.66	-.15	-.35
146	-12.51	-2.59	-2.59	-2.59	-2.59	-2.59	-2.59	0.00	-3.80	-4.02	-.08	-.40	-.31	-.33	-.02	-.11
147	-11.29	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	0.00	-1.29	-1.38	.59	.45	-.11	-.11	.17	.13
148	-10.62	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	0.00	.16	.03	3.08	2.88	.02	0.00	.91	.85
149	-10.74	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	0.00	1.12	.82	7.29	6.85	.10	.07	2.18	2.05
150	-5.64	-.90	-.89	-.89	-.89	-.89	-.90	0.00	.95	.68	7.10	6.70	.08	.06	2.15	2.03
151	-8.06	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	0.00	-5.65	-6.03	-.03	-.58	-.47	-.50	.01	-.15
152	-13.99	-3.06	-3.06	-3.06	-3.06	-3.06	-3.06	0.00	-7.04	-7.49	.34	-.32	-.58	-.62	.12	-.08
153	-12.24	-2.52	-2.51	-2.52	-2.52	-2.52	-2.51	0.00	-3.75	-3.98	.85	.51	-.31	-.33	.25	.15
154	-11.28	-2.13	-2.13	-2.13	-2.13	-2.13	-2.13	0.00	-1.53	-1.70	2.67	2.43	-.12	-.14	.79	.72
155	-11.18	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	0.00	-.08	-.34	6.04	5.66	0.00	-.02	1.80	1.69
156	-5.65	-.92	-.92	-.92	-.92	-.92	-.92	0.00	.59	.37	5.42	5.10	.05	.03	1.63	1.54
157	-7.91	-1.82	-1.82	-1.83	-1.82	-1.82	-1.82	0.00	-5.30	-5.66	.42	-.10	-.44	-.47	.14	-.01
158	-13.65	-2.96	-2.96	-2.96	-2.96	-2.96	-2.95	0.00	-6.81	-7.23	1.03	.41	-.56	-.60	.32	.13
159	-12.18	-2.43	-2.43	-2.43	-2.43	-2.43	-2.43	0.00	-3.83	-4.08	2.46	2.09	-.32	-.34	.73	.62
160	-11.76	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	0.00	-1.83	-2.06	5.01	4.67	-.15	-.17	1.48	1.38
161	-5.85	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	-.09	-.26	3.94	3.69	0.00	-.02	1.18	1.10
162	-7.65	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	0.00	-5.06	-5.39	.61	.15	-.42	-.44	.19	.06
163	-13.45	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	0.00	-6.63	-7.01	2.46	1.91	-.55	-.58	.73	.57
164	-12.53	-2.42	-2.41	-2.41	-2.42	-2.42	-2.41	0.00	-4.05	-4.31	4.37	3.99	-.33	-.36	1.29	1.18
165	-6.12	-1.09	-1.09	-1.09	-1.09	-1.09	-1.09	0.00	-1.01	-1.15	3.17	2.98	-.08	-.09	.94	.88
166	-7.47	-1.65	-1.65	-1.65	-1.65	-1.65	-1.65	0.00	-4.84	-5.11	1.28	.90	-.40	-.42	.39	.27
167	-13.82	-2.82	-2.82	-2.82	-2.82	-2.82	-2.82	0.00	-6.78	-7.13	4.34	3.84	-.56	-.59	1.28	1.13
168	-6.53	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	0.00	-2.15	-2.28	3.00	2.81	-.18	-.19	.88	.83
169	-7.73	-1.66	-1.66	-1.66	-1.66	-1.66	-1.66	0.00	-4.91	-5.14	2.31	1.98	-.41	-.42	.68	.58
170	-7.29	-1.44	-1.45	-1.44	-1.44	-1.45	-1.44	0.00	-3.56	-3.72	3.19	2.96	-.29	-.31	.94	.87
171	-4.15	-.87	-.87	-.87	-.87	-.87	-.86	0.00	-2.60	-2.70	1.77	1.62	-.21	-.22	.52	.48

Wg= 1407.14 (G JOINT LOADS) + 181.50 (DRAD LOAD) = 1588.61 (G WINKLER SPRING REACTION)

Wq= 289.37 (Q JOINT LOADS) = 289.36 (Q WINKLER SPRINT REACTION)

ZEMIN GERILMESI (t/m²)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w	max
1	11.632	1.992	1.997	1.987	1.988	1.997	1.991	0.000	-5.239	-4.678	4.740	5.555	-.441	-.394	1.318	1.557	13.629
2	10.987	1.862	1.868	1.859	1.860	1.867	1.862	0.000	-3.864	-3.476	4.339	4.902	-.325	-.293	1.216	1.381	12.854
3	11.567	1.992	1.997	1.988	1.988	1.996	1.991	0.000	-5.361	-4.807	3.546	4.350	-.451	-.405	.977	1.214	13.563
4	10.554	1.774	1.779	1.772	1.772	1.779	1.774	0.000	-2.658	-2.428	3.930	4.262	-.223	-.204	1.111	1.208	12.333
5	10.998	1.875	1.879	1.872	1.872	1.879	1.874	0.000	-3.988	-3.606	3.330	3.884	-.335	-.303	.929	1.091	12.877
6	11.742	2.035	2.039	2.032	2.032	2.038	2.035	0.000	-5.638	-5.084	2.287	3.093	-.474	-.428	.618	.856	13.781
7	10.400	1.740	1.743	1.739	1.739	1.743	1.740	0.000	-1.695	-1.595	3.546	3.690	-.141	-.133	1.012	1.053	12.143
8	10.559	1.783	1.786	1.781	1.781	1.786	1.783	0.000	-2.732	-2.508	3.183	3.508	-.229	-.210	.899	.993	12.345
9	11.152	1.912	1.915	1.910	1.910	1.915	1.912	0.000	-4.177	-3.803	2.223	2.767	-.351	-.320	.613	.774	13.067
10	12.247	2.132	2.133	2.131	2.131	2.133	2.132	0.000	-6.145	-5.588	.872	1.685	-.517	-.471	.213	.454	14.380
11	10.337	1.720	1.723	1.720	1.720	1.722	1.720	0.000	-.908	-.909	3.370	3.367	-.075	-.075	.970	.968	12.060
12	10.330	1.731	1.734	1.729	1.730	1.733	1.731	0.000	-1.688	-1.595	3.141	3.275	-.141	-.133	.897	.935	12.064
13	10.642	1.806	1.809	1.805	1.805	1.809	1.806	0.000	-2.818	-2.608	2.243	2.548	-.236	-.219	.631	.721	12.451
14	11.524	1.983	1.984	1.982	1.982	1.984	1.983	0.000	-4.488	-4.126	.949	1.478	-.377	-.347	.250	.407	13.508
15	12.802	2.211	2.210	2.212	2.212	2.210	2.212	0.000	-6.787	-6.235	-.749	.059	-.571	-.525	-.249	-.008	15.014
16	10.296	1.705	1.706	1.704	1.704	1.706	1.705	0.000	-.350	-.423	3.263	3.155	-.028	-.034	.946	.913	12.003
17	10.237	1.704	1.706	1.704	1.704	1.706	1.704	0.000	-.884	-.891	3.120	3.108	-.073	-.074	.899	.894	11.944
18	10.319	1.737	1.739	1.736	1.736	1.739	1.737	0.000	-1.682	-1.607	2.351	2.459	-.140	-.134	.673	.704	12.058
19	10.913	1.861	1.862	1.860	1.860	1.862	1.861	0.000	-2.961	-2.775	1.098	1.370	-.248	-.232	.306	.387	12.775
20	12.042	2.064	2.064	2.065	2.065	2.064	2.065	0.000	-4.917	-4.573	-.496	.008	-.413	-.384	-.161	-.010	14.107
21	13.536	2.305	2.303	2.306	2.306	2.302	2.305	0.000	-7.665	-7.103	-2.433	-1.607	-.645	-.597	-.729	-.480	15.843
22	10.291	1.701	1.703	1.701	1.701	1.703	1.702	0.000	-.161	-.261	3.161	3.013	-.012	-.020	.920	.875	11.994
23	10.217	1.693	1.694	1.692	1.692	1.694	1.693	0.000	-.353	-.428	3.096	2.985	-.028	-.035	.898	.864	11.912
24	10.170	1.699	1.701	1.699	1.699	1.701	1.700	0.000	-.830	-.854	2.516	2.478	-.068	-.070	.728	.716	11.872
25	10.505	1.780	1.781	1.780	1.780	1.781	1.780	0.000	-1.689	-1.645	1.323	1.387	-.140	-.137	.382	.400	12.287
26	11.384	1.943	1.943	1.943	1.943	1.943	1.943	0.000	-3.175	-3.022	-.214	.011	-.265	-.253	-.065	.002	13.328
27	12.744	2.165	2.164	2.166	2.166	2.163	2.165	0.000	-5.495	-5.165	-2.009	-1.523	-.461	-.433	-.590	-.444	14.910
28	14.557	2.447	2.444	2.449	2.449	2.444	2.447	0.000	-8.815	-8.214	-4.011	-3.125	-.742	-.691	-1.180	-.911	17.215
29	10.285	1.699	1.701	1.699	1.699	1.701	1.700	0.000	-.181	-.285	3.173	3.019	-.014	-.022	.924	.877	11.986
30	10.243	1.694	1.696	1.694	1.694	1.696	1.695	0.000	-.155	-.257	3.071	2.920	-.011	-.020	.894	.848	11.939
31	10.152	1.686	1.688	1.686	1.686	1.688	1.687	0.000	-.300	-.386	2.725	2.598	-.024	-.031	.793	.754	11.840
32	10.267	1.729	1.731	1.729	1.729	1.730	1.729	0.000	-.740	-.798	1.600	1.515	-.060	-.065	.469	.443	11.997
33	10.913	1.860	1.861	1.861	1.861	1.861	1.861	0.000	-1.710	-1.712	.102	.101	-.142	-.142	.037	.037	12.774
34	12.026	2.043	2.042	2.044	2.044	2.042	2.043	0.000	-3.458	-3.344	-1.607	-1.437	-.289	-.279	-.460	-.407	14.070
35	13.631	2.294	2.292	2.296	2.296	2.291	2.294	0.000	-6.218	-5.889	-3.425	-2.939	-.522	-.494	-.993	-.844	15.927
36	15.632	2.607	2.604	2.610	2.610	2.604	2.608	0.000	10.044	-9.378	-5.243	-4.261	-.846	-.789	-1.535	-1.235	18.858
37	10.247	1.689	1.690	1.689	1.688	1.690	1.689	0.000	-.510	-.658	3.467	3.249	-.040	-.053	1.013	.947	11.937
38	10.235	1.693	1.694	1.693	1.692	1.694	1.693	0.000	-.169	-.275	3.080	2.924	-.013	-.022	.897	.849	11.929
39	10.189	1.687	1.689	1.687	1.687	1.689	1.688	0.000	-.118	-.225	2.896	2.738	-.008	-.017	.844	.796	11.878
40	10.150	1.698	1.699	1.698	1.698	1.699	1.698	0.000	-.156	-.272	1.912	1.741	-.011	-.021	.562	.511	11.850
41	10.559	1.795	1.796	1.795	1.795	1.796	1.795	0.000	-.605	-.715	.420	.258	-.048	-.058	.135	.087	12.355
42	11.459	1.953	1.953	1.954	1.954	1.953	1.953	0.000	-1.732	-1.793	-1.226	-1.313	-.143	-.148	-.338	-.363	13.413
43	12.786	2.156	2.154	2.158	2.157	2.154	2.156	0.000	-3.790	-3.714	-2.926	-2.811	-.316	-.309	-.833	-.796	14.944
44	14.511	2.425	2.423	2.428	2.428	2.423	2.426	0.000	-6.946	-6.602	-4.518	-4.008	-.583	-.553	-1.305	-1.148	16.939
45	16.195	2.695	2.692	2.698	2.698	2.692	2.695	0.000	10.742	10.029	-5.766	-4.714	-.905	-.844	-1.687	-1.366	19.757
46	10.268	1.691	1.693	1.691	1.691	1.692	1.691	0.000	-1.254	-1.504	4.010	3.643	-.101	-.122	1.180	1.070	11.961
47	10.156	1.681	1.682	1.681	1.681	1.682	1.681	0.000	-.449	-.587	3.233	3.030	-.035	-.047	.945	.884	11.838
48	10.164	1.683	1.685	1.683	1.683	1.684	1.683	0.000	-.137	-.247	2.918	2.756	-.010	-.019	.851	.802	11.849
49	10.096	1.680	1.681	1.679	1.679	1.681	1.680	0.000	.062	-.072	2.190	1.993	.007	-.004	.643	.583	11.777
50	10.251	1.729	1.729	1.729	1.728	1.729	1.729	0.000	.104	-.069	.676	.423	.011	-.003	.211	.136	11.980
51	10.947	1.866	1.865	1.866	1.866	1.865	1.866	0.000	-.419	-.603	-.905	-1.172	-.032	-.047	-.240	-.318	12.813
52	12.033	2.034	2.032	2.036	2.036	2.032	2.034	0.000	-1.723	-1.855	-2.506	-2.695	-.141	-.152	-.699	-.753	14.069
53	13.520	2.265	2.262	2.267	2.267	2.262	2.265	0.000	-4.094	-4.049	-3.945	-3.873	-.341	-.336	-1.121	-1.095	15.787
54	14.946	2.493	2.490	2.495	2.495	2.490	2.493	0.000	-7.311	-6.956	-4.971	-4.443	-.613	-.583	-1.434	-1.272	17.442
55	10.504	1.735	1.737	1.736	1.735	1.737	1.736	0.000	-2.061	-2.433	4.538	3.994	-.167	-.198	1.345	1.182	12.241
56	10.111	1.681	1.682	1.681	1.681	1.682	1.681	0.000	-1.040	-1.252	3.520	3.210	-.084	-.102	1.037	.943	11.794
57	10.038	1.669	1.670	1.669	1.669	1.670	1.669	0.000	-.368	-.499	2.886	2.692	-.029	-.040	.845	.786	11.708
58	10.006	1.663	1.664	1.663	1.663	1.664	1.663	0.000	.019	-.114	2.253	2.057	.003	-.008	.661	.602	11.670
59	10.045	1.684	1.684	1.684	1.683	1.684	1.684	0.000	.408	.216	.846	.566	.036	.020	.260	.176	11.729
60	10.408	1.758	1.757	1.758	1.758	1.757	1.758	0.000	.426	.178	-.709	-1.070	.039	.018	-.182	-.289	12.166
61	11.303	1.909	1.907	1.910	1.910	1.907	1.909	0.000	-.173	-.443	-2.185	-2.577	-.010	-.033	-.601	-.716	13.214
62	12.624	2.118	2.116	2.120	2.120	2.116	2.119	0.000	-1.671	-1.870	-3.505	-3.791	-.135	-.152	-.979	-1.062	14.745
63	13.882	2.320	2.318	2.322	2.322	2.317	2.320	0.000	-4.239	-4.206	-4.362	-4.307	-.353	-.349	-1.238	-1.218	16.204
64	10.875	1.805	1.807	1.806	1.806	1.807	1.806	0.000	-2.551	-3.016	4.821	4.142	-.206	-.245	1.435	1.232	12.682
65	10.235	1.713	1.714	1.713	1.713	1.714	1.713	0.000	-1.650	-1.945	3.798	3.366	-.133	-.158	1.126	.997	11.949
66	9.963	1.672	1.673	1.672	1.672	1.673	1.672	0.000	-.852	-1.030	2.940	2.678	-.069	-.084	.868	.789	11.636
67	9.875	1.650	1.651	1.650	1.650	1.651	1.650	0.000	-.240	-.378	2.157	1.954	-.018	-.030	.636	.575	11.526
68	9.857	1.647	1.648	1.647	1.647	1.648	1.647	0.000	.332	.154	.938	.678	.030	.015	.285	.207	11.505
69	10.079	1.694	1.694	1.694	1.694	1.694	1.694	0.000	.797	.536	-.641	-1.021	.070	.048	-.165	-.278	11.774
70	10.637	1.789	1.787	1.789	1.789	1.787	1.789	0.000	.783	.451	-1.996	-2.479	.070	.042	-.547	-.689	12.426
71	11.750	1.972	1.969	1.973	1.973	1.969	1.972	0.000	.119	-.239	-3.175	-3.694	.016	-.014	-.877	-1.030	13.723
72	12.948	2.168	2.165	2.170	2.169	2.165	2.168	0.000	-1.614	-1.850	-3.924	-4.263	-.130	-.149	-1.096	-1.194	15.118
73	11.198	1.869	1.871	1.871	1.870	1.871	1.870	0.000	-2.403	-2.890	4.641	3.929	-.194	-.235	1.384	1.172	13.070
74	10.485	1.766	1.768	1.766	1.766	1.767	1.766	0.000	-1.996	-2.354	3.910	3.387	-.162	-.192	1.165	1.009	12.253
75	10.049	1.706	1.707	1.706	1.706	1.707	1.706	0.000	-1.341	-1.572	3.047	2.708	-.109	-.128	.906	.804	11.756
76	9.848	1.665	1.666	1.665	1.665	1.666	1.666	0.000	-.680	-.835	2.119	1.891	-.055	-.068	.630	.561	11.514
77	9.737	1.632	1.632	1.632	1.632	1.632	1.632	0.000	-.016	-.170	.950	.724	0.000	-.012	.288	.220	11.370
78	9.806	1.641	1.640	1.641	1.640	1.640	1.641	0.000	.687	.461	-.577	-.906	.060	.041	-.151	-.249	11.446
79	10.128	1.694	1.692	1.694	1.694	1.692	1.694	0.000	1.158	.832	-1.966	-2.441	.101	.074	-.544	-.685	11.822
80	10.917	1.827	1.825	1.828	1.828	1.825	1.827	0.000	1.153	.739	-2.977	-3.578	.102	.068	-.823	-1.000	12.746
81	12.038	2.015	2.013	2.017	2.017	2.013	2.015	0.000	.348	-.067	-3.645	-4.247	.036	.001	-1.008	-1.185	14.055
82	11.789	1.994	1.995	1.995	1.995	1.995	1.995	0.000	-1.646	-2.096	4.206	3.549	-.132	-.170	1.254	1.058	13.785
83	10.835	1.836	1.838	1.837	1.837	1.837	1.837	0.000	-1.871	-2.246	3.756	3.207	-.151	-.183	1.121	.957	12.673
84	10.227	1.750	1.752	1.751	1.751	1.752	1.751	0.000	-1.600	-1.868	3.072	2.679	-.130	-.152	.918	.800	11.979
85	9.987	1.715	1.717	1.716	1.715	1.716	1.716	0.000	-1.121	-1.300	2.151	1.889	-.091	-.106	.644	.565	11.704
86	9.779	1.656	1.657	1.657	1.656	1.657	1.657	0.000	-.496	-.633	.946	.746	-.040	-.051	.288	.227	11.437
87	9.682	1.619	1.619	1.619	1.619	1.619	1.619	0.000	.251	.083	-.560	-.807	.023	.009	-.152	-.226	11.301
88	9.809	1.633	1.631	1.632	1.632	1.631	1.632	0.000	1.020	.753	-2.041	-2.430	.088	.066	-.576	-.691	11.442
89	10.285	1.713	1.711	1.713	1.713	1.711	1.713	0.000	1.534	1.144	-3.046	-3.614	.133	.100	-.853	-1.021	11.999
90	11.150	1.863	1.860	1.864	1.863	1.860	1.863	0.000	1.522	1.037	-3.554	-4.259	.134	.093	-.983	-1.192	13.014
91	12.653	2.190	2.191	2.191	2.191	2.191	2.190	0.000	-.104	-.432	3.613	3.134	-.006	-.033	1.072	.929	14.844
92	11.430	1.958	1.960	1.959	1.959	1.959	1.959	0.000	-1.201	-1.546	3.426	2.921	-.096	-.125	1.022	.871	13.389
93	10.514	1.808	1.810	1.809	1.809	1.810	1.809	0.000	-1.474	-1.748	2.881	2.479	-.119	-.142	.862	.742	12.324
94	10.143	1.759	1.761	1.760	1.760	1.760	1.760	0.000	-1.334	-1.528	2.169	1.883	-.109	-.125	.652	.566	11.904
95	9.976	1.715	1.716	1.716	1.715	1.716	1.716	0.000	-.942	-1.072	.983	.792	-.077	-.088	.302	.244	11.692
96	9.783	1.647	1.647	1.647	1.647	1.647	1.647	0.000	-.307	-.421	-.589	-.757	-.024	-.034	-.164	-.214	11.430
97	9.709	1.611	1.610	1.611	1.611	1.610	1.611	0.000	.511	.335	-2.192	-2.450	.044	.030	-.631	-.708	11.320
98	9.895	1.637	1.634	1.636	1.636	1.634	1.636	0.000	1.335	1.033	-3.324	-3.764	.115	.090	-.949	-1.079	11.531
99	10.415	1.733	1.730	1.733	1.733	1.730	1.732	0.000	1.779	1.347	-3.556	-4.184	.154	.118	-.998	-1.183	12.148
100	13.689	2.432	2.433	2.433	2.433	2.433	2.432	0.000	2.102	1.963	3.139	2.936	.176	.164	.919	.859	16.122
101	12.320	2.149	2.150	2.150	2.150	2.150	2.149	0.000	.096	-.165	3.076	2.694	.010	-.012	.912	.798	14.470
102	11.046	1.919	1.921	1.920	1.920	1.920	1.920	0.000	-.869	-1.110	2.507	2.154	-.070	-.090	.750	.644	12.967
103	10.319	1.794	1.796	1.795	1.795	1.796	1.795	0.000	-1.194	-1.382	1.965	1.689	-.097	-.113	.592	.509	12.115
104	10.140	1.760	1.761	1.761	1.760	1.761	1.761	0.000	-1.147	-1.275	1.015	.827	-.094	-.105	.313	.255	11.901
105	10.031	1.707	1.707	1.707	1.707	1.707	1.707	0.000	-.797	-.872	-.583	-.694	-.066	-.072	-.162	-.196	11.738
106	9.867	1.641	1.639	1.640	1.640	1.639	1.641	0.000	-.139	-.222	-2.427	-2.549	-.011	-.018	-.709	-.746	11.507
107	9.789	1.608	1.605	1.607	1.607	1.606	1.608	0.000	.734	.558	-3.775	-4.032	.063	.048	-1.100	-1.175	11.398
108	9.969	1.644	1.640	1.643	1.643	1.641	1.643	0.000	1.518	1.199	-4.026	-4.491	.130	.104	-1.155	-1.292	11.613
109	14.856	2.712	2.712	2.713	2.713	2.713	2.712	0.000	4.862	4.965	2.783	2.936	.403	.411	.797	.845	17.569
110	13.362	2.389	2.390	2.390	2.390	2.390	2.389	0.000	2.105	2.003	2.705	2.557	.176	.167	.792	.748	15.752
111	11.837	2.095	2.096	2.096	2.096	2.096	2.095	0.000	.303	.141	2.099	1.862	.027	.013	.624	.553	13.933
112	10.793	1.898	1.899	1.899	1.898	1.899	1.899	0.000	-.647	-.798	1.545	1.324	-.052	-.065	.466	.399	12.693
113	10.283	1.791	1.792	1.791	1.791	1.791	1.791	0.000	-1.012	-1.127	.875	.704	-.083	-.093	.270	.218	12.075
114	10.235	1.755	1.755	1.755	1.755	1.755	1.755	0.000	-1.022	-1.080	-.534	-.621	-.085	-.090	-.147	-.174	11.990
115	10.196	1.705	1.704	1.704	1.704	1.704	1.705	0.000	-.705	-.714	-2.644	-2.660	-.059	-.060	-.779	-.784	11.901

ZEMIN GERILMESI (t/m²)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w	max
120	12.809	2.326	2.326	2.326	2.326	2.326	2.326	0.000	2.070	2.039	1.769	1.723	.172	.169	.517	.504	15.135
121	11.519	2.069	2.070	2.069	2.069	2.069	2.069	0.000	.419	.346	1.056	.950	.035	.029	.317	.284	13.589
122	10.714	1.890	1.891	1.891	1.891	1.891	1.891	0.000	-.512	-.596	.626	.502	-.042	-.049	.194	.156	12.605
123	10.373	1.788	1.788	1.788	1.788	1.788	1.788	0.000	-.888	-.934	-.593	-.663	-.074	-.078	-.166	-.188	12.162
124	10.434	1.753	1.751	1.752	1.752	1.751	1.753	0.000	-.958	-.935	-2.717	-2.687	-.081	-.079	-.802	-.794	12.187
125	10.387	1.701	1.697	1.698	1.698	1.697	1.700	0.000	-.660	-.594	-5.128	-5.033	-.057	-.051	-1.529	-1.501	12.087
126	10.116	1.629	1.623	1.625	1.625	1.624	1.627	0.000	.074	.079	-6.524	-6.517	.005	.006	-1.941	-1.938	12.180
127	17.829	3.407	3.407	3.408	3.408	3.408	3.407	0.000	11.478	12.145	2.554	3.535	.947	1.003	.688	.985	22.255
128	15.844	2.992	2.992	2.993	2.993	2.992	2.992	0.000	7.648	8.012	2.189	2.725	.632	.662	.607	.769	18.837
129	13.913	2.603	2.603	2.603	2.603	2.603	2.602	0.000	4.349	4.493	1.524	1.737	.360	.372	.433	.497	16.516
130	12.412	2.292	2.292	2.292	2.292	2.292	2.292	0.000	2.009	2.045	.779	.831	.166	.169	.227	.242	14.704
131	11.436	2.068	2.068	2.068	2.068	2.068	2.068	0.000	.471	.447	.398	.363	.039	.037	.122	.111	13.504
132	10.731	1.876	1.877	1.876	1.876	1.876	1.877	0.000	-.381	-.406	-.567	-.606	-.032	-.034	-.161	-.174	12.608
133	10.516	1.776	1.775	1.775	1.775	1.775	1.776	0.000	-.797	-.769	-2.606	-2.566	-.067	-.065	-.770	-.759	12.292
134	10.631	1.742	1.738	1.739	1.739	1.738	1.741	0.000	-.943	-.830	-5.450	-5.287	-.081	-.071	-1.630	-1.581	12.373
135	10.589	1.696	1.688	1.691	1.691	1.689	1.694	0.000	-.679	-.528	-7.883	-7.663	-.060	-.047	-2.365	-2.299	13.445
136	17.311	3.343	3.343	3.344	3.344	3.344	3.343	0.000	10.835	11.464	2.102	3.026	.894	.947	.562	.841	21.412
137	15.139	2.920	2.920	2.921	2.921	2.920	2.919	0.000	6.976	7.327	1.320	1.836	.576	.605	.359	.514	18.060
138	13.433	2.562	2.562	2.563	2.563	2.562	2.562	0.000	4.053	4.228	.647	.904	.335	.349	.179	.255	15.996
139	12.276	2.287	2.286	2.287	2.287	2.287	2.286	0.000	1.972	2.040	.227	.327	.163	.169	.066	.095	14.563
140	11.366	2.038	2.038	2.038	2.038	2.038	2.038	0.000	.568	.582	-.417	-.397	.047	.048	-.120	-.115	13.404
141	10.821	1.858	1.857	1.857	1.857	1.857	1.858	0.000	-.261	-.218	-2.292	-2.232	-.023	-.019	-.678	-.661	12.679
142	10.699	1.765	1.762	1.763	1.763	1.762	1.765	0.000	-.766	-.654	-5.060	-4.898	-.066	-.057	-1.512	-1.464	12.464
143	10.875	1.738	1.729	1.732	1.733	1.730	1.736	0.000	-1.013	-.795	-8.705	-8.387	-.089	-.070	-2.622	-2.526	14.211
144	16.437	3.259	3.259	3.260	3.260	3.259	3.258	0.000	9.757	10.330	1.136	1.977	.805	.853	.290	.543	20.018
145	14.580	2.881	2.881	2.882	2.882	2.882	2.881	0.000	6.409	6.756	.426	.935	.529	.558	.103	.255	17.462
146	13.201	2.543	2.542	2.543	2.543	2.543	2.542	0.000	3.905	4.099	.090	.373	.322	.339	.017	.101	15.744
147	12.154	2.250	2.249	2.250	2.250	2.250	2.249	0.000	2.006	2.096	-.394	-.262	.165	.173	-.118	-.079	14.404
148	11.377	2.006	2.005	2.005	2.005	2.005	2.005	0.000	.700	.773	-1.923	-1.817	.057	.063	-.570	-.539	13.382
149	10.993	1.849	1.847	1.847	1.848	1.847	1.849	0.000	-.199	-.085	-4.263	-4.098	-.019	-.009	-1.271	-1.223	12.842
150	10.894	1.754	1.747	1.750	1.750	1.748	1.753	0.000	-.828	-.628	-7.757	-7.465	-.073	-.056	-2.331	-2.244	13.603
151	15.810	3.233	3.233	3.235	3.234	3.234	3.233	0.000	8.903	9.438	.175	.957	.734	.779	.018	.252	19.044
152	14.351	2.872	2.872	2.873	2.874	2.873	2.872	0.000	6.166	6.515	-.064	.446	.509	.538	-.038	.114	17.225
153	13.068	2.507	2.507	2.507	2.508	2.507	2.506	0.000	3.868	4.072	-.478	-.180	.319	.336	-.150	-.061	15.576
154	12.110	2.209	2.208	2.208	2.209	2.209	2.208	0.000	2.095	2.225	-1.623	-1.434	.172	.183	-.483	-.427	14.319
155	11.549	2.000	1.998	1.999	1.999	1.998	1.999	0.000	.796	.927	-3.541	-3.351	.064	.075	-1.053	-.997	13.549
156	11.165	1.843	1.839	1.840	1.840	1.839	1.842	0.000	-.239	-.059	-6.120	-5.859	-.024	-.008	-1.832	-1.755	13.008
157	15.642	3.252	3.253	3.254	3.254	3.253	3.252	0.000	8.588	9.108	-.245	.516	.708	.752	-.100	.127	18.897
158	14.191	2.827	2.827	2.828	2.828	2.828	2.827	0.000	6.052	6.394	-.498	.001	.499	.528	-.163	-.015	17.019
159	13.000	2.464	2.464	2.464	2.464	2.464	2.463	0.000	3.876	4.093	-1.439	-1.123	.320	.338	-.432	-.338	15.465
160	12.249	2.200	2.198	2.199	2.199	2.199	2.198	0.000	2.195	2.360	-2.937	-2.696	.180	.194	-.872	-.801	14.449
161	11.719	2.010	2.007	2.008	2.008	2.008	2.009	0.000	.825	.991	-4.507	-4.265	.065	.079	-1.343	-1.271	13.729
162	15.420	3.185	3.185	3.187	3.186	3.185	3.184	0.000	8.372	8.864	-.511	.207	.691	.732	-.175	.039	18.606
163	14.063	2.770	2.770	2.771	2.771	2.771	2.769	0.000	5.942	6.270	-1.360	-.882	.490	.518	-.414	-.272	16.834
164	13.084	2.446	2.446	2.446	2.446	2.446	2.445	0.000	3.929	4.157	-2.542	-2.211	.324	.343	-.756	-.658	15.531
165	12.407	2.209	2.208	2.208	2.208	2.208	2.208	0.000	2.256	2.438	-3.656	-3.392	.185	.200	-1.085	-1.007	14.616
166	15.220	3.105	3.105	3.106	3.106	3.106	3.104	0.000	8.137	8.587	-1.319	-.662	.672	.709	-.408	-.212	18.327
167	14.144	2.751	2.751	2.751	2.752	2.752	2.750	0.000	5.946	6.263	-2.438	-1.976	.491	.517	-.728	-.591	16.896
168	13.236	2.445	2.445	2.444	2.445	2.445	2.443	0.000	3.981	4.211	-3.475	-3.141	.328	.347	-1.029	-.931	15.681
169	15.348	3.092	3.093	3.093	3.094	3.093	3.091	0.000	8.118	8.537	-2.460	-1.847	.670	.705	-.738	-.556	18.442
170	14.366	2.761	2.762	2.761	2.762	2.763	2.759	0.000	6.013	6.323	-3.567	-3.116	.497	.522	-1.057	-.924	17.129
171	15.706	3.130	3.132	3.130	3.131	3.132	3.128	0.000	8.254	8.657	-3.757	-3.168	.682	.715	-1.116	-.942	18.838

NOKTA DEPLASMANLARI δz (mm)

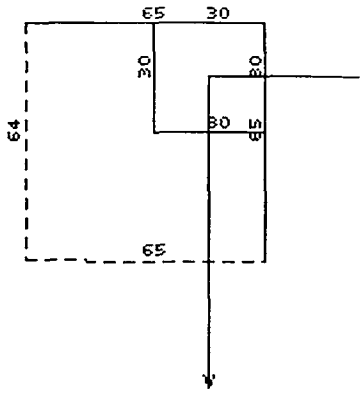
Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w
1	-5.906	-1.055	-1.060	-1.051	-1.052	-1.059	-1.054	0.000	3.102	2.733	-3.489	-4.023	.261	.231	-.970	-1.126
2	-5.307	-.935	-.939	-.933	-.933	-.939	-.935	0.000	2.150	1.895	-3.058	-3.426	.181	.160	-.855	-.963
3	-5.563	-1.012	-1.016	-1.008	-1.009	-1.016	-1.011	0.000	3.065	2.701	-2.624	-3.153	.258	.228	-.723	-.878
4	-4.954	-.864	-.868	-.862	-.863	-.868	-.864	0.000	1.361	1.205	-2.699	-2.925	.114	.102	-.760	-.825
5	-5.101	-.914	-.917	-.911	-.912	-.917	-.914	0.000	2.147	1.896	-2.363	-2.727	.181	.160	-.657	-.764
6	-5.504	-1.021	-1.024	-1.018	-1.018	-1.024	-1.021	0.000	3.210	2.837	-1.774	-2.316	.271	.240	-.479	-.639
7	-4.916	-.854	-.856	-.853	-.853	-.856	-.854	0.000	.774	.686	-2.466	-2.592	.065	.058	-.699	-.735
8	-4.797	-.847	-.850	-.845	-.846	-.850	-.847	0.000	1.341	1.188	-2.197	-2.418	.113	.100	-.617	-.682
9	-5.054	-.922	-.924	-.920	-.920	-.924	-.921	0.000	2.223	1.973	-1.625	-1.988	.187	.166	-.446	-.553
10	-5.827	-1.093	-1.093	-1.092	-1.092	-1.093	-1.093	0.000	3.620	3.232	-.838	-1.403	.305	.273	-.210	-.377
11	-4.987	-.860	-.861	-.859	-.859	-.861	-.860	0.000	.301	.260	-2.408	-2.466	.025	.022	-.687	-.704
12	-4.743	-.827	-.830	-.826	-.827	-.830	-.827	0.000	.716	.635	-2.175	-2.292	.060	.053	-.617	-.651
13	-4.706	-.844	-.846	-.842	-.843	-.846	-.843	0.000	1.332	1.189	-1.569	-1.776	.112	.100	-.439	-.500
14	-5.248	-.966	-.967	-.965	-.965	-.967	-.966	0.000	2.439	2.193	-.784	-1.143	.205	.185	-.207	-.312
15	-6.158	-1.133	-1.132	-1.134	-1.134	-1.131	-1.134	0.000	4.174	3.781	.304	-.269	.352	.319	.117	-.054
16	-5.037	-.861	-.862	-.861	-.861	-.862	-.861	0.000	-.054	-.061	-2.395	-2.405	-.005	-.005	-.688	-.690
17	-4.811	-.831	-.832	-.830	-.830	-.832	-.831	0.000	.245	.212	-2.213	-2.260	.020	.018	-.633	-.646
18	-4.574	-.808	-.810	-.808	-.808	-.810	-.808	0.000	.629	.566	-1.629	-1.720	.053	.048	-.463	-.489
19	-4.812	-.874	-.875	-.873	-.873	-.875	-.874	0.000	1.387	1.263	-.814	-.993	.116	.106	-.225	-.278
20	-5.590	-1.018	-1.018	-1.019	-1.019	-1.018	-1.018	0.000	2.793	2.558	.210	-.133	.235	.215	.076	-.026
21	-6.713	-1.190	-1.188	-1.192	-1.192	-1.188	-1.191	0.000	5.031	4.615	1.557	.948	.424	.389	.474	.291
22	-5.053	-.861	-.862	-.861	-.861	-.862	-.862	0.000	-.186	-.180	-2.361	-2.350	-.016	-.015	-.680	-.676
23	-4.906	-.840	-.841	-.840	-.840	-.841	-.840	0.000	-.073	-.076	-2.263	-2.266	-.006	-.006	-.650	-.650
24	-4.620	-.806	-.808	-.806	-.806	-.807	-.806	0.000	.133	.120	-1.775	-1.793	.011	.010	-.509	-.514
25	-4.620	-.832	-.833	-.831	-.832	-.833	-.832	0.000	.560	.528	-.940	-.987	.047	.044	-.269	-.283
26	-5.149	-.936	-.936	-.936	-.936	-.936	-.936	0.000	1.532	1.438	.072	-.065	.128	.120	.025	-.016
27	-6.167	-1.095	-1.094	-1.096	-1.096	-1.094	-1.095	0.000	3.346	3.117	1.314	.978	.281	.262	.389	.288
28	-7.698	-1.322	-1.320	-1.324	-1.324	-1.319	-1.322	0.000	6.279	5.805	2.822	2.124	.530	.490	.836	.625
29	-5.042	-.859	-.860	-.859	-.859	-.860	-.859	0.000	-.173	-.163	-2.365	-2.349	-.015	-.014	-.681	-.676
30	-4.984	-.851	-.852	-.851	-.851	-.852	-.851	0.000	-.196	-.186	-2.288	-2.274	-.016	-.016	-.659	-.654
31	-4.770	-.823	-.824	-.822	-.822	-.824	-.823	0.000	-.154	-.143	-1.984	-1.967	-.013	-.012	-.572	-.566
32	-4.599	-.820	-.821	-.819	-.819	-.821	-.820	0.000	-.017	.006	-1.136	-1.102	-.002	0.000	-.330	-.320
33	-4.926	-.900	-.900	-.900	-.900	-.900	-.900	0.000	.520	.533	-.117	-.099	.043	.044	-.039	-.033
34	-5.702	-1.021	-1.020	-1.022	-1.022	-1.020	-1.021	0.000	1.780	1.722	1.069	.982	.149	.144	.305	.278
35	-7.036	-1.217	-1.216	-1.219	-1.219	-1.215	-1.218	0.000	4.123	3.883	2.428	2.074	.346	.326	.706	.598
36	-8.869	-1.495	-1.493	-1.497	-1.497	-1.493	-1.496	0.000	7.703	7.141	3.898	3.069	.650	.602	1.148	.895
37	-4.980	-.844	-.845	-.844	-.844	-.845	-.844	0.000	.143	.198	-2.539	-2.458	.011	.016	-.735	-.711
38	-4.975	-.849	-.850	-.849	-.849	-.850	-.849	0.000	-.180	-.169	-2.296	-2.277	-.015	-.014	-.662	-.655
39	-4.902	-.839	-.840	-.839	-.839	-.840	-.840	0.000	-.235	-.219	-2.156	-2.132	-.020	-.018	-.622	-.614
40	-4.668	-.820	-.821	-.820	-.820	-.821	-.820	0.000	-.341	-.293	-1.378	-1.307	-.029	-.025	-.401	-.380
41	-4.805	-.877	-.878	-.877	-.877	-.878	-.877	0.000	-.206	-.125	-.321	-.203	-.018	-.012	-.102	-.067
42	-5.405	-.983	-.983	-.984	-.984	-.983	-.983	0.000	.496	.571	.822	.930	.040	.046	.225	.256
43	-6.449	-1.128	-1.127	-1.130	-1.130	-1.127	-1.128	0.000	2.121	2.098	2.087	2.050	.177	.174	.592	.579
44	-7.994	-1.360	-1.358	-1.362	-1.362	-1.358	-1.360	0.000	4.967	4.700	3.362	2.967	.417	.395	.973	.851
45	-9.515	-1.596	-1.594	-1.598	-1.598	-1.594	-1.597	0.000	8.534	7.910	4.388	3.468	.721	.667	1.291	1.010
46	-4.961	-.839	-.840	-.839	-.839	-.840	-.839	0.000	.895	1.058	-2.923	-2.683	.072	.086	-.857	-.785
47	-4.856	-.831	-.831	-.830	-.830	-.831	-.831	0.000	.098	.143	-2.387	-2.320	.008	.011	-.692	-.672
48	-4.883	-.836	-.837	-.836	-.836	-.837	-.836	0.000	-.201	-.185	-2.179	-2.155	-.017	-.016	-.629	-.621
49	-4.733	-.821	-.822	-.821	-.821	-.822	-.821	0.000	-.422	-.374	-1.605	-1.534	-.036	-.032	-.466	-.445
50	-4.668	-.838	-.839	-.838	-.838	-.839	-.839	0.000	-.642	-.529	-.470	-.305	-.055	-.046	-.146	-.097
51	-5.125	-.939	-.939	-.939	-.939	-.939	-.939	0.000	-.440	-.280	.620	.853	-.039	-.026	.161	.230
52	-5.946	-1.054	-1.053	-1.056	-1.056	-1.053	-1.055	0.000	.454	.604	1.796	2.013	.035	.048	.497	.560
53	-7.246	-1.245	-1.244	-1.247	-1.247	-1.244	-1.246	0.000	2.472	2.477	2.941	2.944	.205	.205	.833	.831
54	-8.500	-1.438	-1.436	-1.440	-1.440	-1.436	-1.438	0.000	5.409	5.123	3.779	3.356	.455	.430	1.092	.962
55	-5.178	-.878	-.879	-.878	-.878	-.879	-.878	0.000	1.772	2.071	-3.390	-2.953	.143	.168	-1.005	-.875
56	-4.748	-.820	-.821	-.820	-.819	-.820	-.820	0.000	.705	.829	-2.600	-2.419	.057	.067	-.763	-.709
57	-4.702	-.813	-.813	-.813	-.812	-.813	-.813	0.000	.045	.084	-2.155	-2.097	.003	.007	-.627	-.608
58	-4.664	-.807	-.808	-.807	-.807	-.808	-.807	0.000	-.325	-.283	-1.675	-1.612	-.028	-.024	-.487	-.468
59	-4.580	-.812	-.812	-.812	-.812	-.812	-.812	0.000	-.781	-.666	-.573	-.405	-.066	-.057	-.175	-.125
60	-4.732	-.853	-.852	-.853	-.853	-.852	-.853	0.000	-1.003	-.804	.529	.818	-.086	-.070	.134	.220
61	-5.419	-.967	-.966	-.968	-.968	-.966	-.967	0.000	-.745	-.486	1.578	1.954	-.066	-.044	.428	.539
62	-6.578	-1.142	-1.141	-1.144	-1.144	-1.141	-1.142	0.000	.380	.605	2.613	2.939	.028	.046	.723	.819
63	-7.665	-1.309	-1.308	-1.311	-1.311	-1.307	-1.309	0.000	2.655	2.670	3.317	3.334	.220	.221	.938	.940
64	-5.496	-.932	-.933	-.933	-.933	-.933	-.932	0.000	2.402	2.813	-3.717	-3.117	.194	.229	-1.110	-.931
65	-4.819	-.842	-.843	-.842	-.842	-.843	-.842	0.000	1.367	1.584	-2.864	-2.546	.111	.129	-.850	-.755
66	-4.549	-.803	-.804	-.803	-.803	-.804	-.803	0.000	.554	.646	-2.228	-2.093	.045	.053	-.656	-.615
67	-4.484	-.785	-.786	-.785	-.785	-.786	-.785	0.000	-.033	.016	-1.647	-1.574	-.003	.001	-.483	-.460
68	-4.427	-.779	-.779	-.779	-.779	-.779	-.779	0.000	-.607	-.512	-.682	-.543	-.052	-.044	-.205	-.164
69	-4.530	-.810	-.810	-.810	-.810	-.810	-.810	0.000	-1.185	-.989	.529	.814	-.101	-.085	.137	.221
70	-4.902	-.872	-.871	-.873	-.873	-.871	-.872	0.000	-1.410	-1.114	1.459	1.890	-.122	-.097	.394	.522
71	-5.885	-1.030	-1.028	-1.031	-1.031	-1.028	-1.030	0.000	-1.110	-.748	2.351	2.878	-.098	-.068	.641	.796
72	-6.950	-1.198	-1.197	-1.200	-1.200	-1.197	-1.199	0.000	.314	.580	2.982	3.368	.021	.044	.825	.938
73	-5.633	-.949	-.950	-.950	-.950	-.950	-.950	0.000	2.464	2.917	-3.634	-2.972	.199	.237	-1.088	-.891
74	-4.993	-.876	-.877	-.876	-.876	-.876	-.876	0.000	1.825	2.119	-3.020	-2.590	.148	.173	-.902	-.774
75	-4.576	-.827	-.829	-.828	-.828	-.828	-.828	0.000	1.085	1.237	-2.377	-2.154	.088	.101	-.708	-.641
76	-4.395	-.791	-.792	-.791	-.791	-.792	-.791	0.000	.440	.512	-1.696	-1.590	.036	.042	-.503	-.471
77	-4.285	-.758	-.759	-.758	-.758	-.759	-.758	0.000	-.200	-.129	-.777	-.673	-.017	-.011	-.234	-.203
78	-4.303	-.762	-.761	-.762	-.762	-.761	-.762	0.000	-.941	-.789	.440	.661	-.080	-.067	.115	.181
79	-4.501	-.795	-.794	-.796	-.795	-.794	-.795	0.000	-1.561	-1.288	1.456	1.852	-.134	-.111	.399	.517
80	-5.179	-.909	-.908	-.910	-.910	-.908	-.909	0.000	-1.855	-1.461	2.185	2.758	-.160	-.127	.595	.765
81	-6.216	-1.080	-1.078	-1.082	-1.081	-1.078	-1.080	0.000	-1.398	-.967	2.738	3.365	-.123	-.087	.745	.931
82	-6.001	-1.012	-1.014	-1.013	-1.013	-1.013	-1.013	0.000	2.066	2.514	-3.414	-2.759	.167	.205	-1.022	-.827
83	-5.189	-.906	-.907	-.907	-.906	-.907	-.906	0.000	1.904	2.235	-2.958	-2.474	.154	.182	-.886	-.742
84	-4.689	-.858	-.859	-.858	-.858	-.859	-.859	0.000	1.421	1.621	-2.458	-2.166	.116	.132	-.736	-.649
85	-4.492	-.835	-.836	-.836	-.835	-.836	-.836	0.000	.926	1.030	-1.821	-1.667	.076	.084	-.547	-.500
86	-4.303	-.779	-.780	-.779	-.779	-.779	-.779	0.000	.321	.378	-.885	-.800	.026	.031	-.269	-.243
87	-4.185	-.738	-.738	-.739	-.738	-.738	-.738	0.000	-.419	-.327	.342	.476	-.036	-.028	.091	.131
88	-4.250	-.744	-.742	-.744	-.744	-.743	-.744	0.000	-1.262	-1.060	1.507	1.802	-.107	-.091	.423	.510
89	-4.645	-.812	-.810	-.812	-.812	-.810	-.812	0.000	-1.985	-1.634	2.249	2.759	-.170	-.141	.624	.774
90	-5.440	-.949	-.947	-.950	-.950	-.948	-.949	0.000	-2.314	-1.831	2.619	3.321	-.200	-.160	.713	.921
91	-6.610	-1.138	-1.138	-1.138	-1.138	-1.138	-1.138	0.000	.940	1.298	-3.109	-2.588	.075	.105	-.926	-.770
92	-5.571	-.969	-.970	-.970	-.970	-.970	-.970	0.000	1.571	1.902	-2.783	-2.300	.127	.155	-.834	-.690
93	-4.840	-.880	-.882	-.881	-.881	-.881	-.881	0.000	1.475	1.697	-2.331	-2.007	.120	.139	-.701	-.604
94	-4.624	-.876	-.877	-.877	-.876	-.877	-.876	0.000	1.182	1.309	-1.897	-1.711	.097	.107	-.572	-.516
95	-4.491	-.838	-.839	-.839	-.839	-.839	-.838	0.000	.805	.863	-1.033	-.946	.066	.071	-.317	-.290
96	-4.301	-.768	-.769	-.769	-.769	-.769	-.768	0.000	.189	.229	.277	.336	.015	.019	.073	.091
97	-4.189	-.727	-.725	-.726	-.726	-.726	-.726	0.000	-.646	-.540	1.606	1.761	-.055	-.046	.462	.508
98	-4.321	-.745	-.743	-.745	-.745	-.743	-.745	0.000	-1.590	-1.343	2.488	2.848	-.135	-.115	.708	.815
99	-4.790	-.834	-.832	-.835	-.835	-.832	-.834	0.000	-2.273	-1.872	2.643	3.226	-.195	-.161	.734	.906
100	-7.333	-1.295	-1.295	-1.295	-1.295	-1.295	-1.295	0.000	-.825	-.629	-2.857	-2.573	-.070	-.054	-.839	-.755
101	-6.209	-1.088	-1.089	-1.089	-1.089	-1.089	-1.088	0.000	.711	.993	-2.623	-2.212	.057	.080	-.781	-.659
102	-5.149	-.931	-.932	-.931	-.931	-.931	-.931	0.000	1.201	1.417	-2.058	-1.743	.098	.116	-.619	-.525
103	-4.674	-.878	-.880	-.879	-.879	-.879	-.879	0.000	1.184	1.315	-1.716	-1.523	.097	.108	-.519	-.461
104	-4.653	-.883	-.885	-.885	-.884	-.884	-.884	0.000	1.039	1.101	-1.122	-1.030	.086	.091	-.345	-.317
105	-4.583	-.835	-.836	-.836	-.835	-.836	-.835	0.000	.710	.716	.176	.186	.059	.060	.042	.045
106	-4.397	-.763	-.762	-.763	-.762	-.762	-.763	0.000	.070	.081	1.800	1.818	.006	.007	.527	.533
107	-4.269	-.723	-.721	-.722	-.722	-.721	-.723	0.000	-.854	-.743	2.903	3.064	-.072	-.063	.848	.895
108	-4.405	-.754	-.752	-.754	-.754	-.752	-.754	0.000	-1.789	-1.518	3.054	3.447	-.152	-.130	.874	.990
109	-8.132	-1.476	-1.476	-1.477	-1.477	-1.476	-1.476	0.000	-3.104	-3.128	-2.646	-2.684	-.257	-.260	-.761	-.774
110	-6.930	-1.241	-1.241	-1.241	-1.241	-1.241	-1.241	0.000	-.813	-.659	-2.427	-2.204	-.069	-.056	-.713	-.647
111	-5.653	-1.029	-1.030	-1.029	-1.029	-1.029	-1.029	0.000	.486	.656	-1.773	-1.525	.039	.053	-.530	-.456
112	-4.907	-.918	-.920	-.919	-.919	-.919	-.919	0.000	.973	1.091	-1.340	-1.166	.080	.090	-.407	-.355
113	-4.675	-.883	-.885	-.884	-.884	-.884	-.884	0.000	1.029	1.089	-.961	-.872	.085	.090	-.297	-.270
114	-4.793	-.884	-.885	-.885	-.885	-.885	-.885	0.000	.965	.959	.069	.062	.080	.080	.008	.007
115	-4.794	-.838	-.837	-.838	-.838	-.837	-.838	0.000	.677	.617	2.001	1.914	.058	.052	.591	.566

NOKTA DEPLASMANLARI δz (mm)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w
120	-6.276	-1.168	-1.168	-1.168	-1.168	-1.168	-1.167	0.000	-.743	-.667	-1.548	-1.438	-.062	-.056	-.456	-.423
121	-5.328	-1.010	-1.010	-1.010	-1.010	-1.010	-1.010	0.000	.376	.451	-.916	-.807	.031	.037	-.278	-.245
122	-4.859	-.920	-.921	-.920	-.920	-.920	-.920	0.000	.854	.906	-.670	-.593	.071	.075	-.209	-.185
123	-4.807	-.886	-.887	-.887	-.886	-.887	-.887	0.000	.949	.942	.194	.185	.079	.079	.047	.045
124	-5.068	-.891	-.891	-.891	-.891	-.890	-.891	0.000	.957	.867	2.069	1.939	.081	.074	.612	.574
125	-5.043	-.840	-.836	-.838	-.838	-.837	-.839	0.000	.676	.537	4.375	4.172	.059	.047	1.313	1.253
126	-4.709	-.758	-.753	-.755	-.755	-.754	-.757	0.000	-.082	-.157	5.496	5.385	-.005	-.012	1.646	1.612
127	10.335	-1.963	-1.963	-1.964	-1.964	-1.963	-1.963	0.000	-8.698	-9.241	-2.588	-3.388	-.717	-.764	-.703	-.946
128	-8.642	-1.640	-1.640	-1.641	-1.641	-1.641	-1.640	0.000	-5.278	-5.534	-2.119	-2.497	-.436	-.458	-.591	-.707
129	-6.985	-1.343	-1.343	-1.343	-1.343	-1.343	-1.342	0.000	-2.432	-2.495	-1.373	-1.466	-.201	-.207	-.394	-.422
130	-5.845	-1.137	-1.137	-1.137	-1.137	-1.137	-1.136	0.000	-.647	-.641	-.671	-.662	-.054	-.053	-.200	-.197
131	-5.272	-1.018	-1.019	-1.019	-1.019	-1.019	-1.018	0.000	.336	.361	-.405	-.368	.028	.030	-.127	-.116
132	-4.911	-.910	-.911	-.911	-.910	-.911	-.911	0.000	.734	.729	.279	.273	.061	.061	.075	.074
133	-5.021	-.884	-.883	-.883	-.883	-.883	-.884	0.000	.890	.806	2.002	1.880	.076	.069	.593	.557
134	-5.342	-.889	-.885	-.887	-.887	-.886	-.888	0.000	.982	.794	4.781	4.507	.085	.069	1.439	1.358
135	-5.320	-.845	-.838	-.840	-.841	-.839	-.843	0.000	.724	.493	7.072	6.735	.064	.045	2.137	2.036
136	-9.711	-1.886	-1.886	-1.887	-1.887	-1.887	-1.886	0.000	-7.912	-8.405	-2.092	-2.818	-.653	-.694	-.565	-.785
137	-7.800	-1.556	-1.556	-1.556	-1.556	-1.556	-1.555	0.000	-4.445	-4.680	-1.208	-1.553	-.367	-.387	-.333	-.437
138	-6.445	-1.301	-1.301	-1.302	-1.302	-1.301	-1.301	0.000	-2.062	-2.154	-.535	-.671	-.170	-.178	-.152	-.193
139	-5.722	-1.138	-1.138	-1.138	-1.139	-1.138	-1.138	0.000	-.594	-.621	-.205	-.245	-.049	-.051	-.064	-.075
140	-5.209	-.987	-.987	-.987	-.987	-.987	-.987	0.000	.232	.221	.244	.229	.020	.019	.067	.063
141	-5.060	-.899	-.898	-.898	-.898	-.898	-.899	0.000	.619	.545	1.785	1.679	.053	.047	.528	.497
142	-5.292	-.884	-.881	-.882	-.882	-.882	-.884	0.000	.882	.707	4.374	4.120	.076	.062	1.315	1.239
143	-5.690	-.900	-.891	-.894	-.895	-.893	-.898	0.000	1.069	.764	8.082	7.637	.094	.068	2.452	2.318
144	-8.682	-1.790	-1.791	-1.792	-1.791	-1.791	-1.791	0.000	-6.604	-7.025	-1.047	-1.666	-.544	-.580	-.272	-.459
145	-7.172	-1.519	-1.519	-1.520	-1.520	-1.519	-1.519	0.000	-3.767	-3.991	-.304	-.632	-.311	-.329	-.075	-.174
146	-6.202	-1.285	-1.284	-1.285	-1.285	-1.285	-1.284	0.000	-1.885	-1.994	-.037	-.196	-.156	-.165	-.008	-.055
147	-5.596	-1.098	-1.097	-1.097	-1.098	-1.098	-1.097	0.000	-.638	-.685	.292	.224	-.052	-.056	.084	.064
148	-5.269	-.958	-.958	-.958	-.958	-.958	-.958	0.000	.082	.013	1.529	1.429	.008	.002	.451	.422
149	-5.323	-.903	-.901	-.901	-.901	-.901	-.903	0.000	.558	.409	3.612	3.396	.049	.037	1.082	1.017
150	-5.595	-.891	-.884	-.886	-.886	-.885	-.889	0.000	.945	.672	7.039	6.641	.083	.060	2.130	2.010
151	-7.992	-1.774	-1.775	-1.776	-1.775	-1.774	-1.774	0.000	-5.604	-5.976	-.029	-.573	-.462	-.493	.014	-.148
152	-6.938	-1.517	-1.517	-1.518	-1.518	-1.517	-1.517	0.000	-3.491	-3.714	.167	-.159	-.288	-.306	.059	-.038
153	-6.072	-1.247	-1.247	-1.247	-1.248	-1.247	-1.247	0.000	-1.857	-1.974	.422	.253	-.153	-.163	.126	.076
154	-5.592	-1.059	-1.058	-1.058	-1.058	-1.058	-1.058	0.000	-.758	-.842	1.325	1.204	-.062	-.069	.390	.355
155	-5.544	-.967	-.966	-.966	-.966	-.966	-.967	0.000	-.040	-.169	2.994	2.807	-.001	-.012	.891	.836
156	-5.600	-.914	-.910	-.911	-.911	-.910	-.913	0.000	.586	.365	5.379	5.057	.053	.034	1.619	1.523
157	-7.840	-1.808	-1.809	-1.811	-1.810	-1.809	-1.809	0.000	-5.257	-5.611	.416	-.101	-.433	-.463	.140	-.014
158	-6.769	-1.466	-1.465	-1.466	-1.466	-1.466	-1.465	0.000	-3.376	-3.586	.510	.203	-.278	-.296	.158	.067
159	-6.040	-1.205	-1.204	-1.204	-1.205	-1.204	-1.204	0.000	-1.899	-2.023	1.217	1.038	-.156	-.167	.360	.307
160	-5.831	-1.062	-1.061	-1.061	-1.062	-1.062	-1.061	0.000	-.905	-1.022	2.486	2.316	-.074	-.083	.735	.685
161	-5.798	-.990	-.988	-.988	-.989	-.988	-.990	0.000	-.087	-.254	3.905	3.662	-.004	-.018	1.165	1.093
162	-7.586	-1.726	-1.727	-1.728	-1.728	-1.727	-1.727	0.000	-5.022	-5.341	.610	.145	-.414	-.441	.193	.055
163	-6.668	-1.405	-1.405	-1.405	-1.406	-1.405	-1.404	0.000	-3.290	-3.478	1.220	.946	-.272	-.287	.363	.282
164	-6.214	-1.198	-1.197	-1.197	-1.198	-1.198	-1.196	0.000	-2.009	-2.138	2.165	1.977	-.166	-.176	.638	.583
165	-6.071	-1.085	-1.083	-1.083	-1.084	-1.084	-1.083	0.000	-1.004	-1.137	3.146	2.954	-.082	-.093	.931	.874
166	-7.404	-1.638	-1.638	-1.639	-1.639	-1.638	-1.638	0.000	-4.801	-5.065	1.273	.888	-.396	-.418	.382	.268
167	-6.852	-1.398	-1.399	-1.398	-1.399	-1.399	-1.397	0.000	-3.364	-3.533	2.153	1.906	-.278	-.292	.634	.562
168	-6.474	-1.212	-1.212	-1.211	-1.212	-1.213	-1.211	0.000	-2.131	-2.257	2.974	2.791	-.176	-.186	.874	.820
169	-7.666	-1.643	-1.643	-1.643	-1.644	-1.644	-1.642	0.000	-4.874	-5.096	2.287	1.964	-.403	-.421	.675	.579
170	-7.225	-1.432	-1.433	-1.431	-1.432	-1.434	-1.431	0.000	-3.532	-3.687	3.162	2.937	-.292	-.305	.928	.862
171	-8.233	-1.716	-1.718	-1.716	-1.717	-1.719	-1.715	0.000	-5.150	-5.349	3.501	3.212	-.426	-.443	1.028	.943

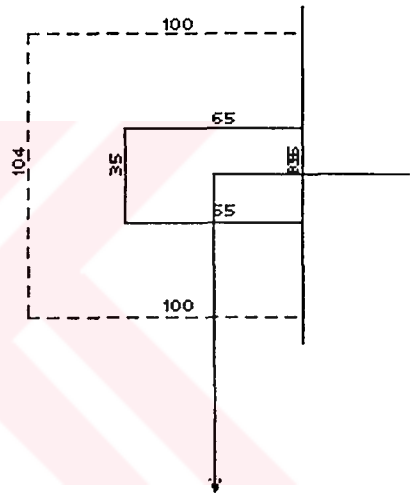
SB01 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = .9100 m² Ex = -33.75 cm Ey = 33.75 cm
Ix = .058629 m4 Iy = .058629 m4
Vd = 26.94 (t) Up = 130.00 cm D= 70 cm
Mx = .01 (tm) My = .17 (tm)
Xt= 16.25 cm Yt= 16.24 cm Vdq= 5.05 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 21.91 (t) < Vp= 84.41 (t) ZIM. YETERLI.
Vyd= 22.32 (t) < Vp= 84.41 (t) ZIM. YETERLI.



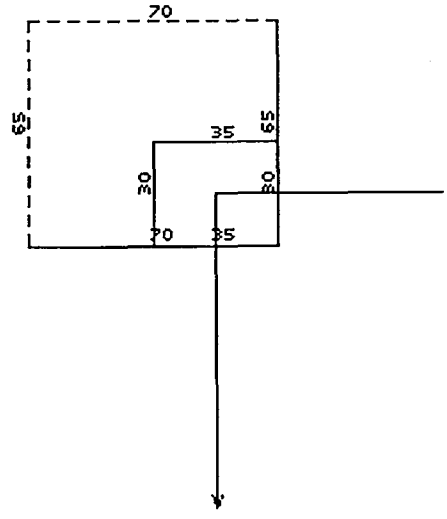
SB02 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 2.1350 m² Ex = -34.71 cm Ey = 0.00 cm
Ix = .294325 m4 Iy = .483416 m4
Vd =136.20 (t) Up = 305.00 cm D= 70 cm
Mx = 1.38 (tm) My = .49 (tm)
Xt= 32.79 cm Yt= 52.5 cm Vdq= 15.92 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 123.56 (t) < Vp= 198.04 (t) ZIM. YETERLI.
Vyd=121.41 (t) < Vp= 198.04 (t) ZIM. YETERLI.

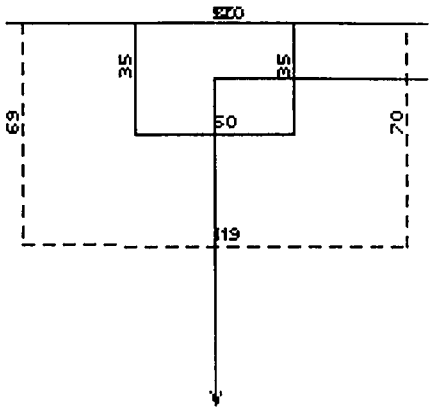


SB03 KOLONU RADYE ZIMBALAMA KONTROLU

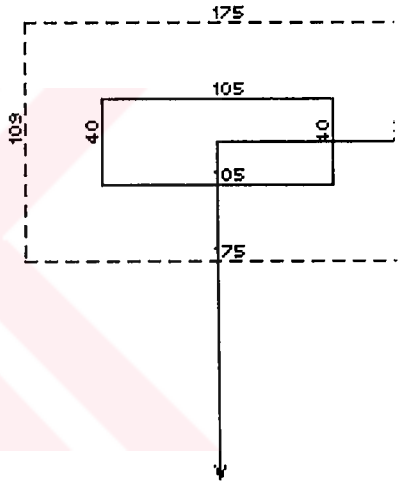
Ac = .9450 m² Ex = -34.35 cm Ey = -34.35 cm
Ix = .068918 m4 Iy = .059519 m4
Vd = 68.23 (t) Up = 135.00 cm D= 70 cm
Mx = .24 (tm) My = .28 (tm)
Xt= 18.15 cm Yt= 15.65 cm Vdq= 6.5 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 62.31 (t) < Vp= 87.66 (t) ZIM. YETERLI.
Vyd= 62.42 (t) < Vp= 87.66 (t) ZIM. YETERLI.



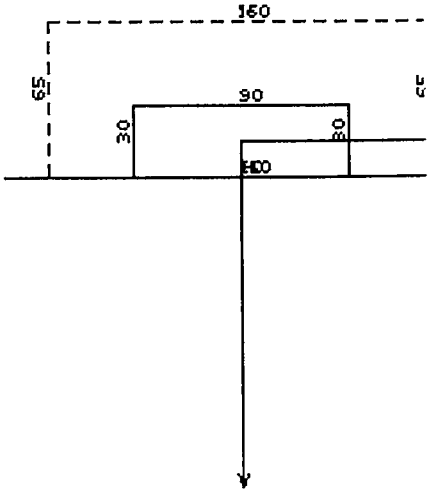
SB04 KOLONU RADYE ZIMBALAMA KONTROLU
Ac = 1.8200 m² Ex = 0.00 cm Ey = 33.65 cm
Ix = .487900 m4 Iy = .135441 m4
Vd = 54.17 (t) Up = 260.00 cm D= 70 cm
Mx = .05 (tm) My = .18 (tm)
Xt= 60 cm Yt= 18.84 cm Vdq= 10.91 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 43.37 (t) < Vp= 168.82 (t) ZIM. YETERLI.
Vyd= 43.73 (t) < Vp= 168.82 (t) ZIM. YETERLI.



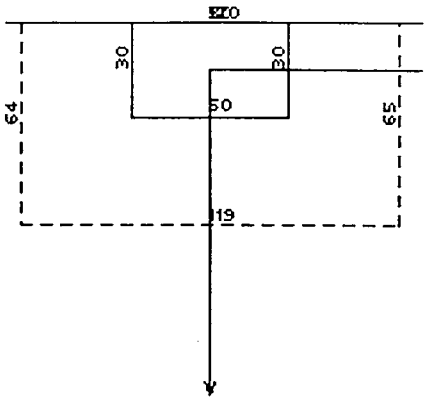
SB05 KOLONU RADYE ZIMBALAMA KONTROLU
Ac = 3.9900 m² Ex = 0.00 cm Ey = 0.00 cm
Ix = 1.904364 m4 Iy = .959292 m4
Vd =198.68 (t) Up = 570.00 cm D= 70 cm
Mx = 2.17 (tm) My = .66 (tm)
Xt= 87.5 cm Yt= 55 cm Vdq= 26.66 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 175.99 (t) < Vp= 370.11 (t) ZIM. YETERLI.
Vyd=173.53 (t) < Vp= 370.11 (t) ZIM. YETERLI.



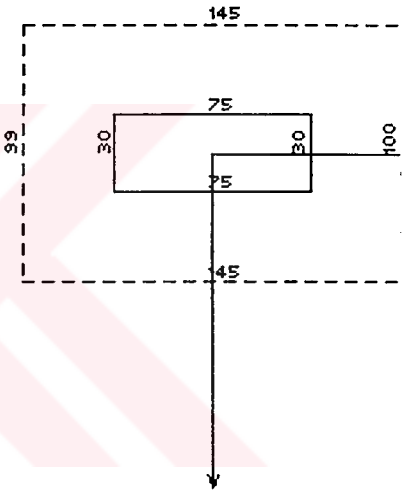
SB06 KOLONU RADYE ZIMBALAMA KONTROLU
Ac = 2.0300 m² Ex = 0.00 cm Ey = -35.43 cm
Ix = .867067 m4 Iy = .122229 m4
Vd =130.57 (t) Up = 290.00 cm D= 70 cm
Mx = .81 (tm) My = .49 (tm)
Xt= 80 cm Yt= 14.56 cm Vdq= 14.56 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 117.53 (t) < Vp= 188.30 (t) ZIM. YETERLI.
Vyd=117.19 (t) < Vp= 188.30 (t) ZIM. YETERLI.



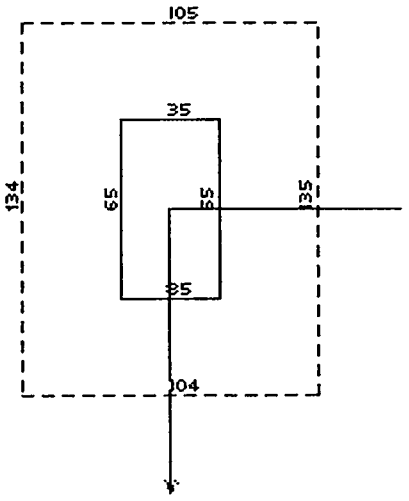
SB07 KOLONU RADYE ZIMBALAMA KONTROLU
Ac = 1.7500 m² Ex = 0.00 cm Ey = 33.10 cm
Ix = .462700 m4 Iy = .115335 m4
Vd = 88.04 (t) Up = 250.00 cm D= 70 cm
Mx = .83 (tm) My = .23 (tm)
Xt= 60 cm Yt= 16.9 cm Vdq= 7.83 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 82.10 (t) < Vp= 162.33 (t) ZIM. YETERLI.
Vyd= 80.80 (t) < Vp= 162.33 (t) ZIM. YETERLI.



SB08 KOLONU RADYE ZIMBALAMA KONTROLU
Ac = 3.4300 m² Ex = 0.00 cm Ey = 0.00 cm
Ix = 1.174440 m4 Iy = .681333 m4
Vd =146.64 (t) Up = 490.00 cm D= 70 cm
Mx = 2.88 (tm) My = .13 (tm)
Xt= 72.5 cm Yt= 50 cm Vdq= 17.22 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 135.52 (t) < Vp= 318.17 (t) ZIM. YETERLI.
Vyd=129.73 (t) < Vp= 318.17 (t) ZIM. YETERLI.

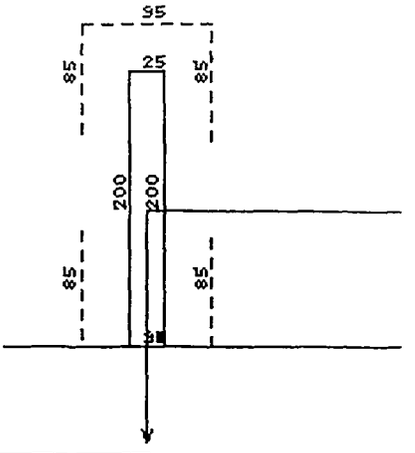


SB09 KOLONU RADYE ZIMBALAMA KONTROLU
Ac = 3.3600 m² Ex = 0.00 cm Ey = 0.00 cm
Ix = .716012 m4 Iy = 1.033987 m4
Vd =104.53 (t) Up = 480.00 cm D= 70 cm
Mx = .35 (tm) My = .58 (tm)
Xt= 52.5 cm Yt= 67.5 cm Vdq= 16.87 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 88.52 (t) < Vp= 311.67 (t) ZIM. YETERLI.
Vyd= 88.94 (t) < Vp= 311.67 (t) ZIM. YETERLI.



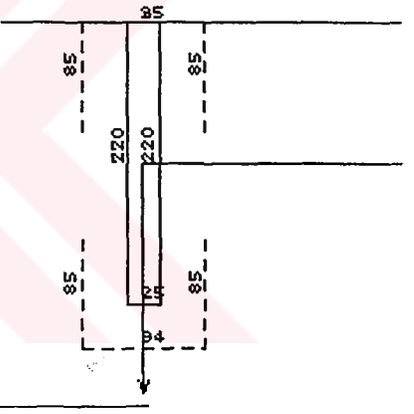
SB10 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 3.0450 m² Ex = 0.00 cm Ey = -43.16 cm
Ix = .614155 m4 Iy = 2.296837 m4
Vd =158.94 (t) Up = 435.00 cm D= 70 cm
Mx = .26 (tm) My = 5.99 (tm)
Xt= 47.5 cm Yt= 91.83 cm Vdq= 27.42 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 132.12 (t) < Vp= 282.45 (t) ZIM. YETERLI.
Vyd=138.80 (t) < Vp= 282.45 (t) ZIM. YETERLI.



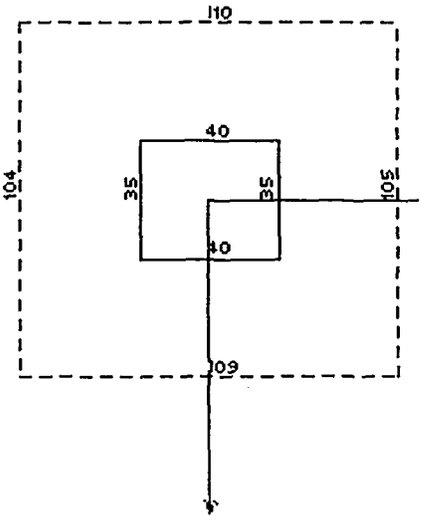
SB11 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 3.0450 m² Ex = 0.00 cm Ey = 45.34 cm
Ix = .614155 m4 Iy = 2.804980 m4
Vd =277.15 (t) Up = 435.00 cm D= 70 cm
Mx = .22 (tm) My = 6.27 (tm)
Xt= 47.5 cm Yt= 99.66 cm Vdq= 26.89 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 250.78 (t) < Vp= 282.45 (t) ZIM. YETERLI.
Vyd=257.05 (t) < Vp= 282.45 (t) ZIM. YETERLI.



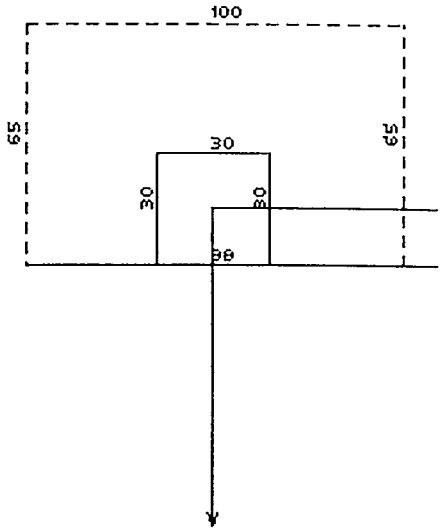
SB12 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 3.0100 m² Ex = 0.00 cm Ey = 0.00 cm
Ix = .662842 m4 Iy = .619544 m4
Vd = 93.19 (t) Up = 430.00 cm D= 70 cm
Mx = .27 (tm) My = .48 (tm)
Xt= 55 cm Yt= 52.5 cm Vdq= 13.69 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 80.18 (t) < Vp= 279.21 (t) ZIM. YETERLI.
Vyd= 80.71 (t) < Vp= 279.21 (t) ZIM. YETERLI.



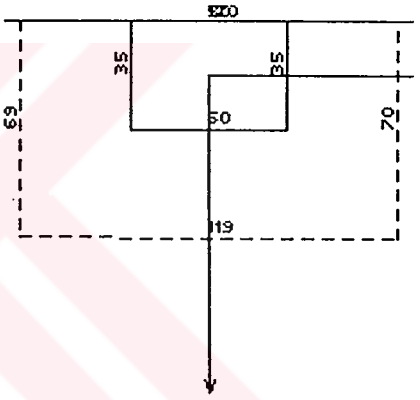
SB13 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 1.6100 m² Ex = 0.00 cm Ey = -31.63 cm
Ix = .314417 m4 Iy = .110989 m4
Vd = 46.82 (t) Up = 230.00 cm D= 70 cm
Mx = .02 (tm) My = .12 (tm)
Xt= 50 cm Yt= 18.37 cm Vdq= 7.87 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 39.00 (t) < Vp= 149.34 (t) ZIM. YETERLI.
Vyd= 39.27 (t) < Vp= 149.34 (t) ZIM. YETERLI.



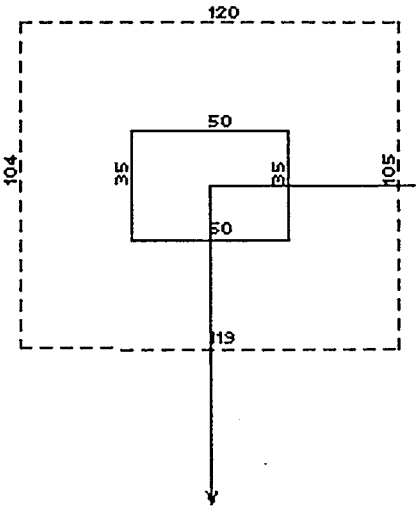
SB14 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 1.8200 m² Ex = 0.00 cm Ey = 33.65 cm
Ix = .487900 m4 Iy = .135441 m4
Vd =103.09 (t) Up = 260.00 cm D= 70 cm
Mx = .32 (tm) My = 1.21 (tm)
Xt= 60 cm Yt= 18.84 cm Vdq= 8.75 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 95.05 (t) < Vp= 168.82 (t) ZIM. YETERLI.
Vyd= 97.41 (t) < Vp= 168.82 (t) ZIM. YETERLI.



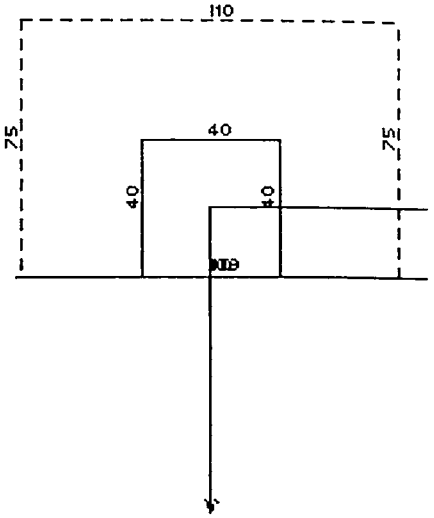
SB15 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 3.1500 m² Ex = 0.00 cm Ey = 0.00 cm
Ix = .799400 m4 Iy = .658131 m4
Vd =131.73 (t) Up = 450.00 cm D= 70 cm
Mx = .80 (tm) My = .72 (tm)
Xt= 60 cm Yt= 52.5 cm Vdq= 16.16 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 117.45 (t) < Vp= 292.19 (t) ZIM. YETERLI.
Vyd=117.36 (t) < Vp= 292.19 (t) ZIM. YETERLI.



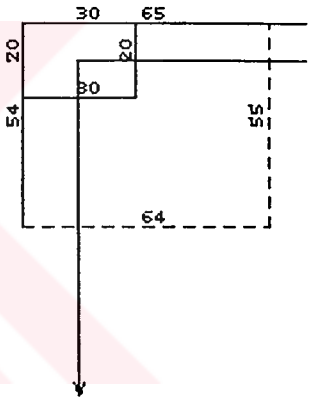
SB16 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 1.8200 m² Ex = 0.00 cm Ey = -33.37 cm
Ix = .426708 m4 Iy = .154564 m4
Vd = 48.89 (t) Up = 260.00 cm D= 70 cm
Mx = .01 (tm) My = .43 (tm)
Xt= 55 cm Yt= 21.63 cm Vdq= 12.14 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 36.77 (t) < Vp= 168.82 (t) ZIM. YETERLI.
Vyd= 37.83 (t) < Vp= 168.82 (t) ZIM. YETERLI.



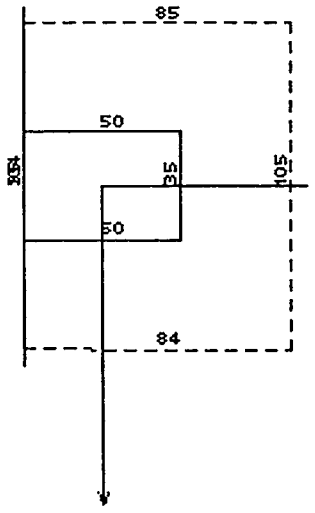
SB17 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = .8400 m² Ex = 32.40 cm Ey = 32.40 cm
Ix = .056626 m4 Iy = .041197 m4
Vd = 46.23 (t) Up = 120.00 cm D= 70 cm
Mx = .01 (tm) My = .06 (tm)
Xt= 17.59 cm Yt= 12.59 cm Vdq= 1.89 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 44.37 (t) < Vp= 77.92 (t) ZIM. YETERLI.
Vyd= 44.49 (t) < Vp= 77.92 (t) ZIM. YETERLI.



SB18 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = 1.9250 m² Ex = 33.73 cm Ey = 0.00 cm
Ix = .202309 m4 Iy = .425534 m4
Vd = 96.93 (t) Up = 275.00 cm D= 70 cm
Mx = .34 (tm) My = .32 (tm)
Xt= 26.27 cm Yt= 52.5 cm Vdq= 7.43 (t)
Vxd = Vd + (Mx . Xt / Ix) . Up . d - Vdq
Vxd= 90.34 (t) < Vp= 178.56 (t) ZIM. YETERLI.
Vyd= 90.26 (t) < Vp= 178.56 (t) ZIM. YETERLI.



SB19 KOLONU RADYE ZIMBALAMA KONTROLU

Ac = .9450 m² Ex = 34.35 cm Ey = -34.35 cm

Ix = .068918 m4 Iy = .059519 m4

Vd = 30.10 (t) Vp = 135.00 cm D= 70 cm

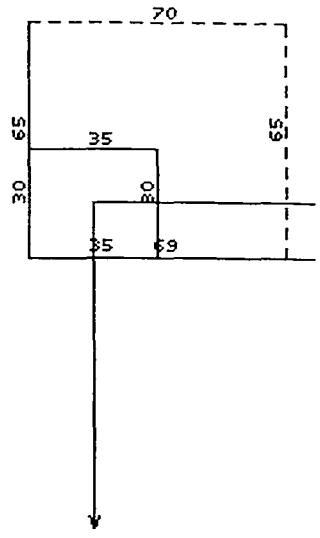
Mx = 0.00 (tm) My = .28 (tm)

Xt= 18.15 cm Yt= 15.65 cm Vdq= 4.96 (t)

Vxd = Vd + (Mx . Xt / Ix) . Vp . d - Vdq

Vxd= 25.14 (t) < Vp= 87.66 (t) ZIM. YETERLI.

Vyd= 25.84 (t) < Vp= 87.66 (t) ZIM. YETERLI.



EK - 16

GÜÇLENDİRİLEN BİNANIN ZEMİN SINIFI 4'E GÖRE STA4-CAD

ANALİZ SONUÇLARI

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. 22:15:25

©STA4-CAD PROGRAMI

ÇOK KATLI BETONARME YAPILARIN STATÝK ve BETONARME ANALÝZ PROGRAMI Ver.8.1 (code:GQS)

```
PROJE ÝSMÝ.....:TEZZ4
KAT ADEDI.....: 10
Bir kattaki KOLON SAYISI.....: 19
X yönü aks sayisi.....: 20
Y yönü aks sayisi.....: 8
DEPREM KATSAYISI.....(Ao)..: .4
       YAPI TÝPÝ KATSAYISI.....(R)..: 5.2
       YAPI ÖNEM KATSAYISI.....(I)..: 1
       ZEMÝN HAKÝM TÝTREÞÝM PERYODU.....(To)..: .2 - .9
       HAREKETLÝ YÜK KATSAYISI.....(n)..: .3
       SIFIR RÖLATÝF HAREKET YÜKSEKLÝ*Ý (m)..: 0
ZEMÝN EMNÝYET GERÝLMESÝ..... (t/m²)..: 14
ZEMÝN YATAK KATSAYISI..... (t/m3)..: 1000
BETONARME HESAP YÖNTEMÝ .....:TARIMA GÜCÜ YÖNTEMÝ (TS 500, 1984) (Deprem kontrolu ile betonarme hesabi)
BETONARME KESÝT DONATI HESAP YÖNTEMÝ .....:BRÜT KESÝTE GÖRE
DEPREM HESABI YÖNTEMÝ .....:MOD SÜPERPOZÝSYONU ÝLE DÝNAMÝK ANALÝZ
TEMEL ANALIZ OPSIYONU.....:TUM TEMEL DEPLASMANLARI DIKKATE ALINMASI
Zemin gerilmesi hareketli yük azaltma degeri.: 0.80
Zemin gerilmesi deprem azaltmasi.....: 0.50
Zemin gerilmesi rüzgar azaltmasi.....: 0.25
Kolonun oturdugu kiris tesir carpan.....: 1.50
Kiriþ & Kolon rijitlik bolgesi opsiyonu.....: Rijit davranis
Kiris uclarinda elastik ankastrelik opsiyonu : Elastik ankastre
```

BETON ve ÇELÝK MALZEME BÝLGÝLERÝ

		Kiriþ\Kolon	Döþeme	Temel
Beton dayanim gerilmesi (kg/cm²).:		200\ 160	160	180
Çelik akma gerilmesi (kg/cm²).:		4200	2200	4200
Çelik akma gerilmesi (kg/cm²).:	(etriye)	4200		4200

```
TARIMA GÜCÜ MALZEME KATSAYILARI :
          BETON .....:                1.50
          ÇELÝK .....:                1.15
TARIMA GÜCÜ YÜK KATSAYILARI :
          DAÝMÝ YÜK ÝÇÝN :            1.40
          HAREKETLÝ YÜK ÝÇÝN :        1.60
ELASTISITE MODULU (kg/cm²)
 BS16   E1=    270000    G1=   108000
 BS20   E2=    285000    G2=   114000
```

BETONARME HESAP YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.40	1.60	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00
1.40	0.00	0.00	0.00	0.00
1.00	1.00	0.00	1.00	0.00
1.00	1.00	1.00	1.00	0.00
0.90	0.00	0.00	1.00	0.00
1.00	1.30	0.00	0.00	1.30
1.00	1.30	1.00	0.00	1.30
0.90	0.00	0.00	0.00	1.30
0.90	0.00	0.90	0.00	1.30

CODE:TS500T.COD

ZEMIN GERILMESI YUK KOMBINASYONU

Olu yuk Cg	Hareketli yuk Cq	Zemin Cs	Deprem ± Ce	Ruzgar ± Cw
1.00	0.50	0.00	0.00	0.00
1.00	0.50	1.00	0.00	0.00
0.67	0.33	0.67	0.67	0.00
0.80	0.40	0.80	0.00	0.80

ZEMIN GERILMESI HAREKETLI YUK AZALTMA DEGERLERI

Kat :	1	2	3	4	5	6	7	8	9	10
Eksiltme % :	0	0	0	20	40	60	80	80	80	40

YAPI AKS BÝLGÝLERÝ

X yönü aks bilgileri

no	Ax	Bx
1	0.00	0.00
2	0.00	3.80
3	0.00	6.60
4	0.00	11.25
5	0.00	14.15
6	0.00	18.15
7	0.00	7.90
8	0.00	19.45
9	0.00	2.80
10	0.00	15.15
11	0.00	1.40
12	0.00	2.75
13	0.00	4.75
14	0.00	5.60
15	0.00	7.60
16	0.00	10.20
17	0.00	12.70
18	0.00	13.20
19	0.00	16.20
20	0.00	16.70

Y yönü aks bilgileri

no	Ay	By
1	0.00	0.00
2	0.00	3.20
3	0.00	3.75
4	0.00	4.80
5	0.00	6.00
6	0.00	8.00
7	0.00	2.05
8	0.00	6.15

1. KAT KOLONLARI AKS BÝLGÝLERÝ

Kolon no	X aksi	Y aksi	dx	dy	alt yük.	Kolon no	X aksi	Y aksi	dx	dy	alt yük.
101	6	1	0	-0	0.00	102	6	3	0	-0	0.00
103	6	6	0	0	0.00	104	5	1	-0	-0	0.00
105	5	3	-0	-0	0.00	106	5	6	-0	0	0.00
107	4	1	0	-0	0.00	108	4	2	0	-0	0.00
109	4	5	0	0	0.00	110	4	6	0	0	0.00
111	3	1	0	-0	0.00	112	3	4	0	0	0.00
113	3	6	0	0	0.00	114	2	1	0	-0	0.00
115	2	4	0	0	0.00	116	2	6	0	0	0.00
117	1	1	-0	-0	0.00	118	1	2	-0	-13	0.00
119	1	6	-0	0	0.00	120	0	0	0	0	0.00

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. 22:16:11

DEPREM RAPORU
Deprem yuku eksantirisitesi : 0.050
Dinamik Analiz min. deprem yuku orani ß : 1.0
DÜKTÝLÝTE KATSAYISI : 5

DÝNAMÝK ANALÝZ BÝLGÝLERÝ
SPECTURUM BÝLGÝSÝ

T (s)	Sa (m/s²) Ao.I.S(t)
0.00	4.000
0.20	10.000
0.90	10.000
1.00	9.192
1.10	8.516
1.20	7.944
1.30	7.452
1.40	7.024
1.50	6.644
1.60	6.312
1.70	6.012
1.80	5.744
1.90	5.500
2.00	5.280
2.10	5.076
2.20	4.892
2.30	4.720
2.40	4.564
2.50	4.416
2.60	4.280
2.70	4.152
2.80	4.032
2.90	3.920
3.00	3.816
3.10	3.716
3.20	3.624
3.30	3.536
3.40	3.452
3.50	3.372
3.60	3.300
0.00	0.000
5.00	2.800

YAPI PERYODLARI

mod	Tx (s)	Ty (s)	Tθ (s)
1	0.539938	0.809228	0.653193
2	0.139263	0.239673	0.168213
3	0.101787	0.110376	0.078245
4	0.048722	0.063389	0.057067
5	0.028531	0.041828	0.038133
6	0.019266	0.031080	0.026396
7	0.014511	0.024974	0.020543

X YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod	
1	0.0125	0.0345	0.0572	0.1722	0.2816	0.4248	0.5343	
2	0.0431	0.1028	0.1616	0.4078	0.4897	0.4388	0.1806	
3	0.0858	0.1738	0.2549	0.4840	0.2893	-0.1029	-0.4381	
4	0.1458	0.2338	0.3020	0.2665	-0.2668	-0.4166	0.0992	
5	0.2127	0.2502	0.2579	-0.1220	-0.4267	0.1694	0.3572	
6	0.2835	0.2175	0.1307	-0.3965	-0.0098	0.4096	-0.3476	
7	0.3556	0.1395	-0.0507	-0.3566	0.4026	-0.1678	-0.1367	
8	0.4272	0.0289	-0.2474	-0.0144	0.2412	-0.3758	0.4108	
9	0.4971	-0.0951	-0.4293	0.4396	-0.3508	0.2772	-0.2102	
10	0.5363	-0.8741	0.6948	-0.0779	0.0208	-0.0079	0.0036	
M %	68.91	10.51	8.14	4.88	2.73	2.15	1.66	= 98.98

ΣMxr=Σ[(Σm.Φ)²/Mr]= 1513.12 > 0.90 x Σm= 1375.80 (t) Dinamik kutle orani yeterli.

Y YÖNÜ DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod	
1	0.0148	0.0565	0.1191	0.2081	0.3375	0.4781	0.4432	
2	0.0501	0.1713	0.3050	0.4079	0.4353	0.3019	0.0074	
3	0.0971	0.2923	0.4137	0.3509	0.0868	-0.2741	-0.3870	
4	0.1597	0.3867	0.3210	-0.0633	-0.3819	-0.1967	0.3110	
5	0.2273	0.3963	0.0317	-0.3914	-0.1294	0.3765	0.0747	
6	0.2967	0.3050	-0.2738	-0.2398	0.3711	0.0173	-0.3884	
7	0.3643	0.1234	-0.3852	0.2047	0.1792	-0.3886	0.3277	
8	0.4264	-0.1132	-0.2058	0.3721	-0.3345	0.1642	0.0573	
9	0.4819	-0.3634	0.1856	0.0016	-0.1541	0.2599	-0.3504	
10	0.5252	-0.5676	0.5634	-0.5217	0.4701	-0.4229	0.4088	
M %	71.28	14.51	5.13	2.98	2.40	2.08	1.00	= 99.39

ΣMyr=Σ[(Σm.Φ)²/Mr]= 1519.29 > 0.90 x Σm= 1375.80 (t) Dinamik kutle orani yeterli.

BURULMA DÝNAMÝK ANALÝZ DEPLASMAN VEKTORLERI

Kat	1.mod	2.mod	3.mod	4.mod	5.mod	6.mod	7.mod
1	0.0138	0.0598	0.0761	0.0927	0.2533	0.4446	0.6010
2	0.0465	0.1748	0.1931	0.2108	0.4498	0.4858	0.2593
3	0.0906	0.2895	0.2607	0.2381	0.3181	0.0175	-0.3810
4	0.1510	0.3729	0.2024	0.0848	-0.2046	-0.4046	0.0459
5	0.2174	0.3685	0.0256	-0.1336	-0.3926	0.1002	0.3465
6	0.2868	0.2706	-0.1584	-0.2172	0.0000	0.3910	-0.3082
7	0.3567	0.0943	-0.2326	-0.0893	0.3776	-0.1466	-0.1286
8	0.4247	-0.1285	-0.1430	0.1351	0.1751	-0.3444	0.3781
9	0.4898	-0.3627	0.0693	0.2758	-0.3814	0.2870	-0.2130
10	0.5382	-0.6140	0.8619	-0.8460	0.3429	-0.1299	0.0660

YAPI BURULMA KUTLE ATALET MOMENTI Jmass=(Ix+Iy)/A

Kat	A (m²)	Ix (m4)	Iy (m4)	Xg (m)	Yg (m)	Jmass (m²)
1	133.63	677.53	3960.92	9.12	3.78	34.71

2	55.20	294.40	219.01	14.70	4.00	9.30
3	138.96	685.53	4442.29	9.49	3.79	36.90
4	138.96	685.53	4442.29	9.49	3.79	36.90
5	138.96	685.53	4442.29	9.49	3.79	36.90
6	138.96	685.53	4442.29	9.49	3.79	36.90
7	138.96	685.53	4442.29	9.49	3.79	36.90
8	138.96	685.53	4442.29	9.49	3.79	36.90
9	138.96	685.53	4442.29	9.49	3.79	36.90
10	87.94	426.60	1234.01	9.01	3.66	18.88

KAT ve DEPREM KUVVETLERI (t)
Deprem tepe yuku Ftx= 11.11 Fty= 16.65 (t)

								X YÖNÜ			Y YÖNÜ			
Kat no	H (m)	Wg	Wq	Xg (m)	Xr (m)	Yg (m)	Yr (m)	Dinamik Analiz	Esdeger dep.yön.	Minimum Dep.yükü	Dinamik Analiz	Esdeger dep.yön.	Minimum Dep.yükü	Kat tipi
1	2.50	154.48	34.17	9.11	8.90	3.79	3.38	2.464	5.300	3.471	2.560	5.197	3.493	NORMAL
2	5.00	95.54	13.71	12.26	8.89	4.15	3.40	3.360	6.413	4.734	3.695	6.288	5.042	NORMAL
3	7.50	162.57	32.34	9.39	8.88	3.87	3.38	9.556	16.630	13.464	10.805	16.304	14.744	NORMAL
4	10.40	166.69	32.34	9.37	8.86	3.87	3.36	14.610	23.611	20.583	16.196	23.149	22.100	NORMAL
5	13.30	165.04	32.38	9.40	8.87	3.87	3.33	19.765	29.914	27.846	21.137	29.328	28.841	NORMAL
6	16.20	163.61	32.40	9.39	8.86	3.87	3.33	25.256	36.140	35.582	26.251	35.432	35.821	NORMAL
7	19.10	162.31	32.41	9.36	8.84	3.87	3.37	31.062	42.292	43.762	31.731	41.464	43.298	NORMAL
8	22.00	162.31	32.41	9.36	8.84	3.87	3.37	37.618	48.714	52.997	38.228	47.759	52.163	NORMAL
9	24.90	144.42	32.43	9.31	8.84	3.85	3.37	38.136	49.402	53.727	41.245	48.435	56.279	NORMAL
10	27.40	65.31	13.36	9.03	8.80	3.82	4.02	26.837	35.558	37.809	23.593	40.620	32.193	NORMAL
						Toplam yapi		208.664	293.975	293.975	215.441	293.975	293.975	GENEL

Vt=W.A(t)/Ra(t)> 0,10. Ao.I.W 293.97 , 293.97 > 61.15
X Deprem kontrol: 1.00 x 293.975 = 293.975 > 208.664 >>> 293.975
Y Deprem kontrol: 1.00 x 293.975 = 293.975 > 215.441 >>> 293.975

Rüzgar kuvvetleri (t)

Kat no	X-yönü F	X-yönü ey m	Y-yönü F	Y-yönü ex m
1	1.200	9.075	2.723	4.000
2	1.200	9.075	2.723	4.000
3	1.200	9.725	2.918	4.000
4	2.227	9.725	5.415	4.000
5	2.227	9.725	5.415	4.000
6	2.227	9.725	5.415	4.000
7	2.227	9.725	5.415	4.000
8	3.062	9.725	7.445	4.000
9	3.062	9.725	7.445	4.000
10	2.640	8.975	4.076	4.000

Kat Deprem deplasmanlari

	X YÖNÜ				Y YÖNÜ			
Kat no	9. yükleme δx (m)	9. yükleme θz (rad)	10. yükleme δx (m)	10. yükleme θz (rad)	11. yükleme δy (m)	11. yükleme θz (rad)	12. yükleme δy (m)	12. yükleme θz (rad)
1	-.0006789	-.0000119	-.0006897	0.0000133	-.0017811	-.0000277	-.0018138	0.0000305
2	-.0023445	-.0000374	-.0023816	0.0000479	-.0059726	-.0000735	-.0061278	0.0001224
3	-.0046618	-.0000701	-.0047356	0.0000960	-.0115597	-.0001440	-.0118583	0.0002367
4	-.0079171	-.0001170	-.0080406	0.0001604	-.0190387	-.0002751	-.0194561	0.0003583
5	-.0115496	-.0001719	-.0117288	0.0002284	-.0271467	-.0004313	-.0276601	0.0004791
6	-.0153973	-.0002324	-.0156326	0.0002979	-.0355098	-.0006026	-.0361015	0.0005983
7	-.0193344	-.0002931	-.0196210	0.0003696	-.0437211	-.0007866	-.0443619	0.0007080
8	-.0232507	-.0003511	-.0235882	0.0004420	-.0513477	-.0009726	-.0520130	0.0008088
9	-.0270880	-.0004073	-.0274744	0.0005126	-.0582258	-.0011560	-.0588975	0.0009016
10	-.0298728	-.0004669	-.0302066	0.0005625	-.0636415	-.0013609	-.0643135	0.0009121

Deprem yapi salinimi: x= 0.00109 y= 0.00232

DEPREM PERDELERI TABAN MOMENT KONTROLU
Perde taban momenti

Perde	Mx	ΣMxk	=	ΣMxr	My	ΣMyk	=	ΣMyr
SB07	4.28	221.42		225.70	304.67	505.97		810.64
SB10	2.81	76.30		79.10	325.72	271.88		597.60
SB11	3.26	118.71		121.97	283.17	541.66		824.83
SB13	4.30	181.71		186.00	304.61	422.63		727.24
PB03	866.16			866.16	12.16			12.16
PB10	868.90			868.90	9.92			9.92
TOPLAM	1749.69			2347.82	1240.26			2982.40

kat deprem momenti (tm)

kat	Fx	Fx . H	Fy	Fy . H	
1	3.47	8.68	3.49	8.73	
2	4.73	23.67	5.04	25.21	
3	13.46	100.98	14.74	110.58	
4	20.58	214.06	22.10	229.84	
5	27.85	370.36	28.84	383.59	
6	35.58	576.43	35.82	580.29	
7	43.76	835.85	43.30	826.99	
8	53.00	1165.94	52.16	1147.59	
9	53.73	1337.81	56.28	1401.36	
10	37.81	1035.96	32.19	882.09	
		5669.73		5596.28	

X yonu αm = 2347.82 / 5669.73 = 0.41
Y yonu αm = 2982.40 / 5596.28 = 0.53
Toplam 21 kolondan, 6 adedi perde olarak kullanilmistir.

YUKSEK SUNEKLI YAPILARDA; R=7 olmalidir.
NORMAL SUNEKLI KARMA YAPILARDA; R=4+1.5x 0.41x(6-4)= 5.242 olmalidir.

DEPREMDE YAPI DUZENSIZLIKLERININ KONTROLU
A1,B2 duzensizliklerinin kontrolu
X YÖNÜ max(di/hi)=0.0035, 0.02/R = 0.0038
1. kat X dust = 0.0006789 + 0.0000119 x (0.10 - 3.38)= 0.0006800 (S 117)
1. kat X dalt = 0.0006789 + 0.0000119 x (7.85 - 3.38)= 0.0005851 (S 103)
2. kat X dust = 0.0023445 + 0.0000374 x (0.10 - 3.40) - 0.0006800 = 0.0015821
2. kat X dalt = 0.0023445 + 0.0000374 x (7.85 - 3.40) - 0.0005851 = 0.0015373

Kat	X dust(m)	X dalt(m)	X ort	nbi	nki	X dep/h	θi	kat tipi
1	0.0006800	0.0005851	0.0006326	1.08	0.41	0.00027	0.00132	Normal kat
2	0.0015821	0.0015373	0.0015597	1.01	0.72	0.00063	0.00293	Normal kat
3	0.0022093	0.0021384	0.0021738	1.02	0.71	0.00088	0.00385	Normal kat
4	0.0031015	0.0030140	0.0030577	1.01	0.89	0.00107	0.00423	Normal kat
5	0.0034533	0.0033797	0.0034165	1.01	0.94	0.00119	0.00429	Normal kat
6	0.0036524	0.0035861	0.0036193	1.01	0.98	0.00126	0.00413	Normal kat
7	0.0037410	0.0036605	0.0037007	1.01	1.00	0.00129	0.00385	Normal kat
8	0.0037266	0.0036390	0.0036828	1.01	1.02	0.00129	0.00348	Normal kat
9	0.0036534	0.0035665	0.0036100	1.01	1.42	0.00126	0.00304	Normal kat
10	0.0025897	0.0025065	0.0025481	1.02	0.00	0.00104	0.00187	Normal kat

Y YÖNÜ

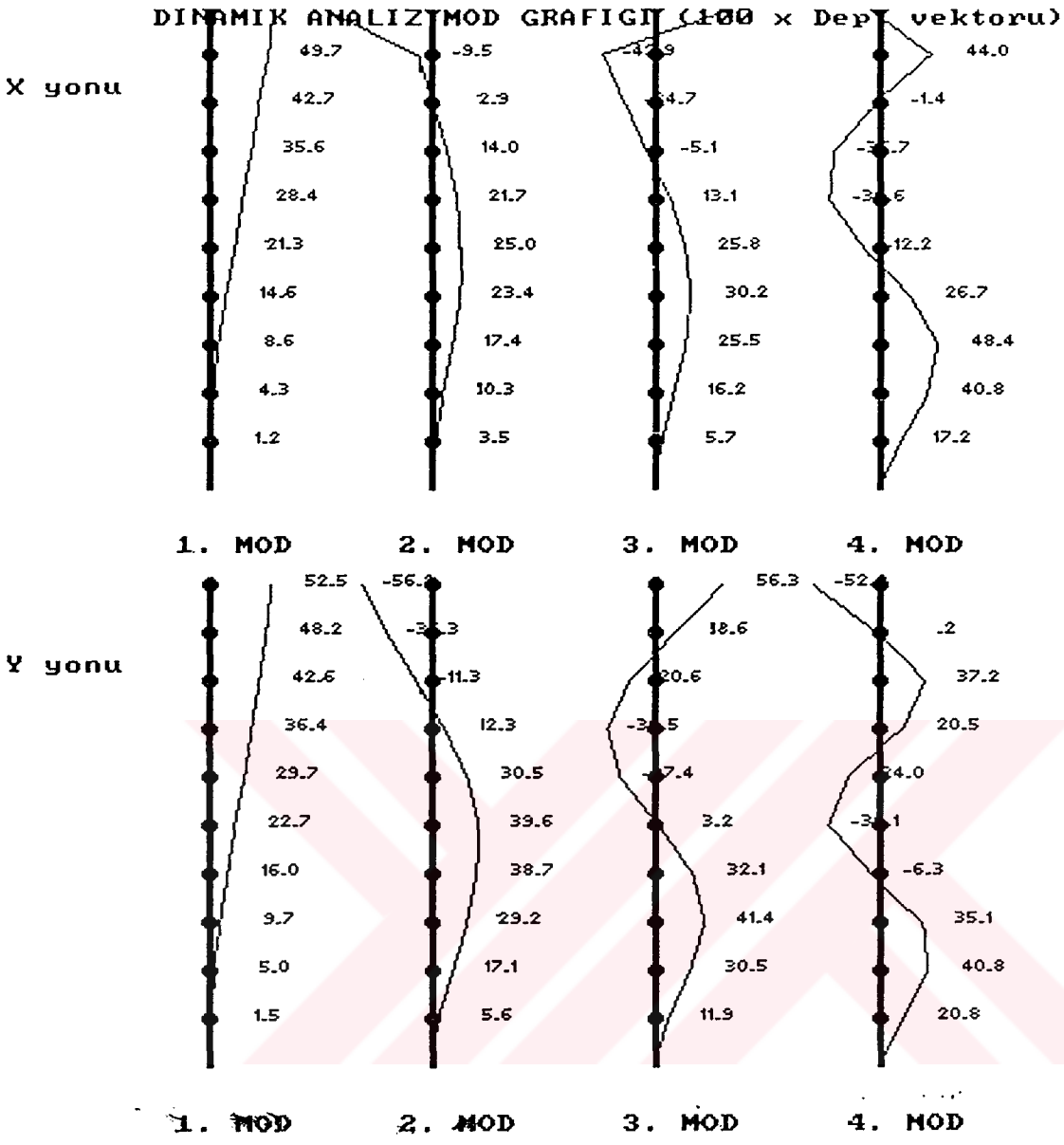
Kat	Y dsol(m)	Y dsag(m)	Y ort	nbi	nki	Y dep/h	θi	kat tipi
1	0.0015387	0.0020330	0.0017858	1.14	0.43	0.00081	0.00371	Normal kat
2	0.0037920	0.0046090	0.0042005	1.10	0.75	0.00184	0.00789	Normal kat
3	0.0049719	0.0062334	0.0056026	1.11	0.75	0.00249	0.00993	Normal kat
4	0.0063388	0.0086824	0.0075106	1.16	0.92	0.00299	0.01045	Normal kat
5	0.0067419	0.0095412	0.0081416	1.17	0.97	0.00329	0.01034	Normal kat
6	0.0068640	0.0099407	0.0084023	1.18	1.02	0.00343	0.00977	Normal kat
7	0.0066123	0.0099145	0.0082634	1.20	1.08	0.00342	0.00879	Normal kat
8	0.0060002	0.0093387	0.0076695	1.22	1.11	0.00322	0.00744	Normal kat
9	0.0052793	0.0085715	0.0069254	1.24	1.26	0.00296	0.00603	Normal kat
10	0.0044118	0.0065840	0.0054979	1.20	0.00	0.00263	0.00474	Normal kat

TDY 6.3.2.1 A1 burulma duzensizligi: 1.2< nbi= 1.238 <2 , dinamik analizle cozulmustur
TDY 6.3.2.1 B2 duzensizligi saglanmaktadir.
TDY 6.20 kosulu saglanmaktadir. 0.0034 < 0.0035
TDY 6.21 kosulu saglanmaktadir. max θi= .0104 < 0.12

B1-Dusey dogrultudaki duzensizliklerinin kontrolu

Kat	Aw	Agx	Agy	ΣAex	ΣAey	ncix	nciy	ACIKLAMA
1	2.73	0.00	2.00	2.73	4.73	1.10	1.05	Duzenli
2	2.49	0.00	2.00	2.49	4.49	1.09	1.05	Duzenli
3	2.28	0.00	2.00	2.28	4.28	1.20	1.10	Duzenli
4	1.89	0.00	2.00	1.89	3.89	1.20	1.09	Duzenli
5	1.58	0.00	2.00	1.58	3.59	1.23	1.09	Duzenli
6	1.29	0.00	2.00	1.29	3.29	1.33	1.11	Duzenli
7	0.97	0.00	2.00	0.97	2.97	1.00	1.00	Duzenli
8	0.97	0.00	2.00	0.97	2.97	1.33	1.09	Duzenli
9	0.73	0.00	2.00	0.73	2.73	1.84	1.14	Duzenli
10	0.39	0.00	2.00	0.39	2.39	1.00	1.00	ust kat

A4 duzensizligi bulunmamistir.


DINAMIK ANALIZ MOD GRAFIGI (100 x Dep. vektoru)
X yonu
49.7
42.7
35.6
28.4
21.3
14.6
8.6
4.3
1.2
-9.5
2.9
14.0
21.7
25.0
23.4
17.4
10.3
3.5
-5.1
13.1
25.8
30.2
25.5
16.2
5.7
44.0
-1.4
12.2
26.7
48.4
40.8
17.2
1. MOD
2. MOD
3. MOD
4. MOD
Y yonu
52.5
48.2
42.6
36.4
29.7
22.7
16.0
9.7
5.0
1.5
-11.3
12.3
30.5
39.6
38.7
29.2
17.1
5.6
18.6
20.6
3.2
32.1
41.4
30.5
11.9
56.3
.2
37.2
20.5
-6.3
35.1
40.8
20.8
1. MOD
2. MOD
3. MOD
4. MOD

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S418	N	17.07	3.85			Material:E1			0.00	-9.47	-7.81	6.61	10.24	-.60	-.50	.82	1.32
Ust	Mx	.06	.02	.01	.01	.01	.01	.02	0.00	-.59	-.69	.12	-.11	-.04	-.04	.02	-.01
Alt	Mx	.06	.02	.02	.01	.01	.02	.02	0.00	-.62	-.73	.12	-.12	-.04	-.04	.02	-.01
Ust	My	.02	-.02	0.00	-.03	-.02	.01	-.04	0.00	-.89	-.14	3.51	5.17	-.06	-.02	.44	.68
Alt	My	.02	-.02	-.02	-.01	0.00	-.01	-.05	0.00	-.88	-.13	3.52	5.19	-.06	-.02	.44	.68
S318	N	23.68	5.23			Material:E1			0.00	-13.11	-10.77	9.96	15.12	-.83	-.69	1.25	1.97
Ust	Mx	.02	.01	.01	0.00	.01	.01	0.00	0.00	-.55	-.65	.09	-.13	-.03	-.04	.02	-.01
Alt	Mx	-.03	0.00	0.00	0.00	.01	0.00	-.01	0.00	-.52	-.61	.09	-.11	-.03	-.04	.02	-.01
Ust	My	.04	-.01	-.02	0.00	.02	-.04	-.03	0.00	-.81	-.09	3.54	5.14	-.06	-.01	.46	.68
Alt	My	.05	-.01	0.00	-.02	0.00	-.04	0.00	0.00	-.77	-.08	3.44	4.98	-.05	-.01	.44	.66
S218	N	30.90	6.69			Material:E1			0.00	-16.92	-13.95	13.03	19.61	-1.08	-.90	1.65	2.57
Ust	Mx	-.15	-.02	-.01	-.01	.01	-.03	-.03	0.00	-.77	-.91	.10	-.22	-.05	-.06	.02	-.02
Alt	Mx	-.10	-.01	0.00	-.01	0.00	-.03	0.00	0.00	-.80	-.91	.10	-.16	-.05	-.05	.02	-.02
Ust	My	.18	-.02	.04	-.09	-.09	-.07	.06	0.00	-2.42	-.14	11.91	17.06	-.17	-.03	1.58	2.31
Alt	My	.07	-.04	-.06	-.01	-.13	0.00	0.00	0.00	-2.29	-.09	11.50	16.45	-.16	-.03	1.52	2.23
S118	N	38.32	8.20			Material:E1			0.00	-20.44	-16.99	15.37	23.03	-1.30	-1.09	1.96	3.04
Ust	Mx	-.19	-.03	0.00	-.03	-.03	-.04	0.00	0.00	-.54	-.65	.05	-.21	-.03	-.04	.01	-.02
Alt	Mx	-.31	-.05	-.03	-.03	-.05	-.03	-.03	0.00	-1.00	-1.11	.10	-.14	-.06	-.07	.02	-.02
Ust	My	.01	-.06	-.09	.01	-.09	.05	-.12	0.00	-2.10	.06	11.78	16.68	-.16	-.02	1.62	2.34
Alt	My	-.04	-.06	0.00	-.09	-.01	-.01	-.15	0.00	-2.08	.11	11.98	16.94	-.15	-.02	1.65	2.37
SA18	N	45.86	9.76			Material:E1			0.00	-23.48	-19.54	17.71	26.49	-1.50	-1.26	2.29	3.53
Ust	Mx	-.58	-.12	-.07	-.05	-.11	-.03	-.10	0.00	-.17	-.27	-.02	-.25	-.01	-.02	0.00	-.03
Alt	Mx	-.22	-.06	-.03	-.03	-.04	-.02	-.05	0.00	-.96	-.99	.07	0.00	-.06	-.06	.01	0.00
Ust	My	.03	-.03	.09	-.13	.11	-.08	-.12	0.00	-1.31	.10	8.07	11.28	-.10	-.01	1.14	1.61
Alt	My	-.04	-.01	-.02	.01	.07	-.07	-.02	0.00	-.18	.03	1.13	1.60	-.01	0.00	.14	.20
SZ18	N	46.80	9.76			Material:E1			0.00	-23.48	-19.54	17.71	26.49	-1.50	-1.26	2.29	3.53
Ust	Mx	.22	.06	.03	.03	.04	.02	.05	0.00	.96	.99	-.07	0.00	.06	.06	-.01	0.00
Alt	Mx	.33	.14	.06	.08	.09	.06	.14	0.00	-1.59	-1.66	.08	-.10	-.10	-.11	.02	-.01
Ust	My	.04	.01	.02	-.01	-.07	.07	.02	0.00	.18	-.03	-1.13	-1.60	.01	0.00	-.14	-.20
Alt	My	.03	-.02	.09	-.12	-.14	.12	-.02	0.00	-.38	.16	3.47	4.71	-.03	0.00	.52	.71
SB18	N	54.69	12.67			Material:E1			0.00	-24.83	-20.56	19.45	28.98	-1.59	-1.33	2.54	3.90
Ust	Mx	.36	.17	.07	.10	.10	.07	.16	0.00	.92	.88	-.02	-.12	.06	.05	0.00	-.02
Alt	Mx	.16	.08	.03	.04	.04	.03	.08	0.00	-2.69	-2.77	.14	-.05	-.18	-.19	.03	0.00
Ust	My	.17	-.04	.27	-.32	-.30	.27	-.08	0.00	-1.13	.05	7.00	9.72	-.09	-.01	1.05	1.47
Alt	My	-.02	-.05	.11	-.17	-.16	.11	-.06	0.00	-.93	.37	8.20	11.18	-.08	.01	1.23	1.69
S619	N	.78	.16			Material:E1			0.00	-.73	-.70	-.42	-.43	-.05	-.04	-.05	-.06
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.02	.01	-.01	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	.01	-.01	0.00	0.00	0.00	0.00
Ust	My	.22	.07	.02	.04	.02	.05	.05	0.00	-.22	-.01	.47	.93	-.02	0.00	.05	.12
Alt	My	.19	.05	.03	.02	.03	.05	.03	0.00	-.21	-.01	.36	.78	-.01	0.00	.04	.10
S519	N	1.81	.35			Material:E1			0.00	-2.27	-2.12	-1.19	-1.02	-.14	-.13	-.15	-.14
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.04	.01	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.03	.01	-.01	0.00	0.00	0.00	0.00
Ust	My	.15	.04	.03	.01	.04	.03	.01	0.00	-.19	0.00	.43	.84	-.01	0.00	.05	.11
Alt	My	.15	.04	.01	.03	.04	.01	.02	0.00	-.19	-.01	.40	.81	-.01	0.00	.04	.10
S419	N	2.77	.53			Material:E1			0.00	-5.07	-4.61	-2.28	-1.43	-.31	-.28	-.31	-.22
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.04	0.00	0.00	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.05	0.00	-.01	0.00	0.00	0.00	0.00
Ust	My	.14	.04	.01	.03	.03	.01	.04	0.00	-.20	0.00	.54	.98	-.01	0.00	.06	.12
Alt	My	.13	.04	.02	.01	.01	.02	.04	0.00	-.20	-.01	.51	.94	-.01	0.00	.06	.12
S319	N	4.62	.86			Material:E1			0.00	-10.86	-9.75	-4.38	-2.13	-.65	-.59	-.62	-.35
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.06	-.07	.02	0.00	0.00	0.00	0.00	0.00
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.14	-.14	0.00	0.00	-.01	-.01	0.00	0.00
Ust	My	.14	.04	.03	.01	.01	.04	.03	0.00	-.26	-.01	.73	1.28	-.02	0.00	.09	.17
Alt	My	.12	.04	.01	.02	.02	.04	.01	0.00	-.27	-.02	.74	1.31	-.02	0.00	.09	.17
S219	N	6.73	1.22			Material:E1			0.00	-19.48	-17.41	-7.25	-2.84	-1.17	-1.05	-1.07	-.51
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.07	-.09	.02	-.02	-.01	-.01	0.00	0.00
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.36	-.35	-.02	.02	-.02	-.02	0.00	0.00
Ust	My	.12	.04	.01	.03	.04	.02	.01	0.00	-.31	-.02	.92	1.57	-.02	0.00	.12	.21
Alt	My	.10	.03	.02	.01	.04	.01	.02	0.00	-.31	-.02	.96	1.63	-.02	0.00	.12	.22
S119	N	9.81	1.74			Material:E1			0.00	-33.58	-29.94	-12.00	-4.01	-2.07	-1.85	-1.84	-.76
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.07	-.10	.01	-.05	-.01	-.01	0.00	-.01
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.58	-.54	-.11	-.04	-.04	-.03	-.02	-.01
Ust	My	.17	.06	.05	.01	.04	.01	.07	0.00	-.53	-.01	1.83	3.01	-.04	-.01	.24	.42
Alt	My	.13	.06	.02	.04	.02	.03	.06	0.00	-.54	0.00	2.03	3.26	-.04	-.01	.27	.45
SA19	N	12.98	2.25			Material:E1			0.00	-50.44	-44.83	-16.19	-3.63	-3.17	-2.83	-2.58	-.81
Ust	Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.11	.04	.19	.05	0.00	0.00	.03	.01
Alt	Mx	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.87	-.81	0.00	.13	-.06	-.05	0.00	.01
Ust	My	.11	.05	-.03	.07	-.03	.07	.06	0.00	-.54	.05	1.78	3.13	-.04	0.00	.24	.44
Alt	My	-.07	-.02	-.01	-.01	-.04	.01	-.02	0.00	-.27	.12	.37	1.24	-.02	0.00	.03	.15
SZ19	N	14.00	2.33			Material:E1			0.00	-63.56	-56.08	-16.36	.58	-4.08	-3.61	-2.73	-.26
Ust	Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.25	.19	.09	-.05	.01	.01	.02	0.00
Alt	Mx	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.15	-1.03	.03	.31	-.08	-.07	0.00	.04
Ust	My	.02	.01	0.00	.02	.04	-.02	.01	0.00	-.08	.06	-.44	-.11	-.01	0.00	-.07	-.01
Alt	My	.10	.06	-.01	.07	.08	-.02	.06	0.00	-.26	.11	1.26	2.12	-.02	0.00	.18	.31
SB19	N	17.63	3.02			Material:E1			0.00	-84.76	-74.46	-20.84	2.60	-5.54	-4.87	-3.57	-.08
Ust	Mx	.02	.01	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.08	0.00	-.44	.08	.07	.01	-.05
Alt	Mx	-.02	-.01	0.00	-.01	-.01	-.01	0.00	0.00	-2.41	-2.08	-.37	.39	-.17	-.14	-.08	.04
Ust	My	.28	.13	-.02	.15	.14	-.01	.13	0.00	-.30	-.04	.86	1.44	-.02	-.01	.13	.22
Alt	My	.09	.05	-.01	.07	.06	-.01	.05	0.00	-.32	.13	2.58	3.61	-.03	0.00	.39	.55

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S601 N	.74	.18			Material:E1			0.00	.72	.74	.07	.04	.04	.05	.02	.01
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.01	-.01	.01	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	0.00	-.01	.01	0.00	0.00	0.00	0.00
Ust My	-.25	-.10	-.06	-.03	-.08	-.07	-.04	0.00	-.04	-.23	.86	.46	0.00	-.01	.12	.07
Alt My	-.20	-.08	-.03	-.04	-.06	-.04	-.05	0.00	-.04	-.20	.70	.34	0.00	-.01	.10	.05
S501 N	1.69	.37			Material:E1			0.00	2.17	2.27	.15	.25	.13	.14	.03	.03
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.03	-.01	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.02	-.01	.01	0.00	0.00	0.00	0.00
Ust My	-.15	-.06	-.01	-.04	-.03	-.02	-.05	0.00	-.03	-.18	.71	.37	0.00	-.01	.11	.06
Alt My	-.15	-.06	-.04	-.02	-.02	-.04	-.05	0.00	-.03	-.19	.68	.34	0.00	-.01	.10	.05
S401 N	2.57	.55			Material:E1			0.00	4.62	4.98	.06	.72	.27	.29	.01	.08
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.03	-.01	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.05	-.04	0.00	.01	0.00	0.00	0.00	0.00
Ust My	-.14	-.06	-.04	-.02	-.02	-.05	-.03	0.00	-.03	-.19	.82	.46	0.00	-.01	.12	.07
Alt My	-.12	-.05	-.01	-.03	-.03	-.05	-.02	0.00	-.03	-.20	.82	.44	0.00	-.01	.12	.07
S301 N	4.22	.87			Material:E1			0.00	9.80	10.71	.06	1.92	.57	.62	-.01	.21
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.03	-.02	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.09	-.08	0.00	.01	-.01	0.00	0.00	0.00
Ust My	-.21	-.09	-.02	-.06	-.09	-.05	-.03	0.00	-.06	-.38	1.66	.95	0.00	-.02	.25	.15
Alt My	-.21	-.08	-.05	-.02	-.08	-.02	-.06	0.00	-.06	-.39	1.73	.99	0.00	-.02	.26	.15
S201 N	5.28	1.06			Material:E1			0.00	15.10	16.59	.20	3.40	.89	.97	-.02	.39
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.02	-.02	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.12	-.12	.01	.01	-.01	-.01	0.00	0.00
Ust My	-.20	-.08	-.05	-.02	-.04	-.03	-.08	0.00	-.07	-.38	1.68	.97	0.00	-.02	.26	.16
Alt My	-.20	-.07	-.02	-.05	-.02	-.05	-.07	0.00	-.06	-.38	1.77	1.05	0.00	-.02	.27	.16
S101 N	7.85	1.53			Material:E1			0.00	26.67	29.43	.18	6.27	1.59	1.76	-.10	.72
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.05	-.03	-.03	0.00	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.30	-.31	.07	.04	-.02	-.02	.01	.01
Ust My	-.19	-.08	-.01	-.06	-.02	-.09	-.04	0.00	-.09	-.44	1.91	1.12	0.00	-.02	.30	.19
Alt My	-.15	-.07	-.05	-.02	-.04	-.07	-.01	0.00	-.08	-.45	2.11	1.28	0.00	-.02	.33	.21
SA01 N	10.56	2.01			Material:E1			0.00	40.36	44.73	1.06	10.86	2.45	2.72	-.08	1.31
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.04	.08	-.13	-.05	0.00	0.00	-.02	-.01
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.47	-.50	.03	-.03	-.03	-.03	.01	0.00
Ust My	-.26	-.12	-.11	-.01	-.14	-.07	-.02	0.00	-.19	-.77	3.18	1.86	-.01	-.04	.51	.32
Alt My	-.30	-.11	-.04	-.07	-.11	-.03	-.07	0.00	-.15	-.77	3.68	2.26	0.00	-.04	.58	.37
SZ01 N	14.03	2.59			Material:E1			0.00	59.20	65.96	3.04	18.33	3.66	4.08	.07	2.30
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.23	.29	-.14	0.00	.01	.01	-.02	0.00
Alt Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.07	-1.18	.03	-.23	-.07	-.08	.01	-.03
Ust My	-.34	-.11	-.01	-.10	-.06	-.03	-.12	0.00	-.11	-.59	2.64	1.52	0.00	-.03	.44	.27
Alt My	-.28	-.09	-.05	-.04	-.02	-.06	-.09	0.00	-.05	-.63	3.71	2.38	0.00	-.03	.60	.40
SB01 N	15.31	2.73			Material:E1			0.00	68.11	76.20	3.27	21.70	4.27	4.79	.02	2.76
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.71	.83	-.06	.20	.04	.05	-.01	.02
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-1.53	.27	-.16	-.09	-.10	.05	-.02
Ust My	-.12	-.05	-.07	.03	.01	-.07	-.03	0.00	-.04	-.20	.70	.33	0.00	-.01	.13	.07
Alt My	-.07	-.02	-.03	.01	.01	-.03	-.02	0.00	.08	-.24	2.63	1.89	.01	-.01	.43	.32
S602 N	5.67	2.65			Material:E1			0.00	2.54	3.05	-2.51	-1.41	.15	.18	-.36	-.21
Ust Mx	-.06	-.08	-.04	-.04	-.05	-.06	-.04	0.00	-.61	-.55	-.14	-.02	-.04	-.03	-.02	-.01
Alt Mx	-.04	-.08	-.03	-.04	-.05	-.05	-.04	0.00	-.57	-.52	-.13	-.02	-.04	-.03	-.02	0.00
Ust My	-.38	-.10	-.01	-.08	.01	-.10	-.09	0.00	-.18	-.65	2.95	1.93	-.01	-.04	.42	.28
Alt My	-.38	-.10	-.06	-.03	-.02	-.12	-.04	0.00	-.18	-.65	2.95	1.94	-.01	-.04	.42	.28
S502 N	12.94	5.06			Material:E1			0.00	5.92	7.05	-6.32	-3.87	.35	.42	-.91	-.57
Ust Mx	-.06	-.14	-.06	-.07	-.09	-.09	-.08	0.00	-1.08	-.99	-.23	-.03	-.07	-.06	-.04	-.01
Alt Mx	-.08	-.14	-.06	-.07	-.09	-.09	-.09	0.00	-1.07	-.98	-.22	-.02	-.07	-.06	-.03	-.01
Ust My	-.45	-.12	-.08	-.03	-.10	-.10	-.01	0.00	-.21	-.80	4.02	2.73	-.01	-.04	.58	.40
Alt My	-.44	-.11	-.02	-.08	-.12	-.04	-.03	0.00	-.21	-.80	4.02	2.73	-.01	-.04	.58	.40
S402 N	20.69	7.70			Material:E1			0.00	9.73	11.50	-10.67	-6.81	.58	.69	-1.53	-1.00
Ust Mx	-.06	-.12	-.05	-.06	-.07	-.08	-.07	0.00	-1.06	-.98	-.20	-.02	-.07	-.06	-.03	-.01
Alt Mx	-.03	-.09	-.04	-.05	-.05	-.07	-.06	0.00	-1.05	-.98	-.18	-.01	-.07	-.06	-.03	-.01
Ust My	-.35	-.08	0.00	-.07	-.07	.02	-.09	0.00	-.19	-.75	4.08	2.83	-.01	-.04	.59	.41
Alt My	-.29	-.06	-.05	-.01	-.01	0.00	-.10	0.00	-.18	-.72	3.94	2.74	-.01	-.04	.57	.40
S302 N	28.96	10.51			Material:E1			0.00	14.56	17.08	-16.13	-10.60	.87	1.03	-2.32	-1.56
Ust Mx	.10	-.12	-.05	-.06	-.07	-.09	-.05	0.00	-2.25	-2.09	-.37	-.02	-.14	-.13	-.06	-.01
Alt Mx	.16	-.07	-.02	-.03	-.06	-.04	-.02	0.00	-2.00	-1.87	-.30	-.01	-.12	-.12	-.05	-.01
Ust My	-.81	-.16	-.17	.05	.15	-.20	-.21	0.00	-.61	-2.46	14.06	9.91	-.02	-.13	2.05	1.47
Alt My	-.78	-.16	.03	-.16	.05	-.29	-.02	0.00	-.56	-2.31	13.31	9.39	-.02	-.13	1.94	1.39
S202 N	37.67	13.44			Material:E1			0.00	20.44	23.71	-21.98	-14.76	1.23	1.43	-3.19	-2.18
Ust Mx	.25	-.09	-.03	-.05	-.10	-.01	-.05	0.00	-3.25	-3.05	-.48	-.05	-.20	-.19	-.08	-.02
Alt Mx	0.00	-.16	-.07	-.07	-.10	-.05	-.13	0.00	-3.29	-3.12	-.39	-.01	-.20	-.19	-.06	-.01
Ust My	-.86	-.20	.06	-.24	-.24	-.25	.14	0.00	-.64	-2.61	15.36	10.94	-.02	-.14	2.29	1.66
Alt My	-.79	-.18	-.19	.03	-.34	-.01	.04	0.00	-.60	-2.53	15.21	10.84	-.02	-.14	2.27	1.64
S102 N	46.90	16.59			Material:E1			0.00	26.83	30.81	-27.70	-18.87	1.62	1.87	-4.06	-2.82
Ust Mx	.03	-.16	-.08	-.07	-.04	-.10	-.16	0.00	-3.09	-2.94	-.41	-.06	-.20	-.19	-.07	-.02
Alt Mx	.38	-.01	0.00	-.01	.05	-.05	-.01	0.00	-3.40	-3.26	-.28	.02	-.21	-.21	-.05	0.00
Ust My	-.69	-.16	-.23	.10	-.22	.18	-.23	0.00	-.60	-2.44	14.79	10.61	-.02	-.13	2.27	1.66
Alt My	-.61	-.13	.04	-.15	.02	.07	-.32	0.00	-.51	-2.35	14.86	10.69	-.01	-.13	2.28	1.67
SA02 N	55.84	19.79			Material:E1			0.00	33.08	37.66	-32.58	-22.38	2.02	2.30	-4.82	-3.38
Ust Mx	.62	.06	.05	.02	.09	-.07	.11	0.00	-3.05	-2.90	-.38	-.03	-.20	-.19	-.06	-.01
Alt Mx	-.35	-.19	-.08	-.10	-.13	-.15	-.07	0.00	-4.36	-4.24	-.18	.09	-.28	-.27	-.03	.01
Ust My	-.36	-.05	.27	-.30	.35	-.13	-.28	0.00	-.63	-2.68	17.08	12.40	-.02	-.15	2.68	1.98
Alt My	-.06	.04	.04	.02	.24	-.13	.01	0.00	-.50	-2.50	16.85	12.28	-.01	-.14	2.63	1.95
SZ02 N	62.82	20.99			Material:E1			0.00	38.30	43.30	-36.13	-24.95	2.35	2.66	-5.39	-3.80
Ust Mx	-.47	-.16	-.08	-.07	-.15	-.06	-.11	0.00	-1.37	-1.27	-.23	-.02	-.10	-.09	-.04	-.01
Alt Mx	.52	.19	.10	.10	.13	.17	.09	0.00	-4.90	-4.82	-.06	.14	-.32	-.31	-.01	.02
Ust My	.31	.13	-.13	.28	-.03	-.03	.36	0.00	-.51	-2.31	15.24	11.11	-.01	-.13	2.45	1.81
Alt My	.11	.06	.10	-.02	-.16	.13	.17	0.00	-.36	-2.20	15.95	11.73	0.00	-.12	2.54	1.90
SB02 N	70.20	22.39			Material:E1			0.00	41.78	47.29	-40.85	-28.49	2.57	2.92	-6.16	-4.38
Ust Mx	1.63	.56	.28	.28	.42	.42	.30	0.00	.90	.96	-.25	-.11	.05	.05	-.04	-.02
Alt Mx	.69	.24	.13	.12	.18	.18	.13	0.00	-7.27	-7.21	.05	.18	-.49	-.49	0.00	.02
Ust My	-.09	-.05	.27	-.31	-.24	.23	-.07	0.00	-.29	-.74	3.74	2.70	-.01	-.04	.64	.47
Alt My	-.09	-.02	.13	-.15	-.11	.11	-.04	0.00	.19	-.84	9.61	7.24	.03	-.04	1.58	1.21
S603 N	3.60	1.29			Material:E1			0.00	.49	.61	-1.17	-.93	.03	.04	-.17	-.13
Ust Mx	-.13	-.10	-.04	-.05	-.05	-.07	-.06	0.00	-1.12	-.96	-.16	.19	-.07	-.06	-.03	.02
Alt Mx	-.11	-.10	-.04	-.05	-.05	-.07	-.06	0.00	-1.10	-.94	-.17	.18	-.07	-.06	-.03	.02
Ust My	.27	.22	.09	.13	.10	.19	.14	0.00	.15	-.23	2.44	1.62	.01	-.01	.35	.24
Alt My	.26	.21	.13	.08	.13	.19	.10	0.00	.15	-.22	2.37	1.57	.01	-.01	.34	.23
S503 N	8.70	2.54			Material:E1			0.00	1.64	1.88	-3.08	-2.56	.10	.11	-.43	-.36
Ust Mx	-.10	-.10	-.04	-.05	-.05	-.07	-.06	0.00	-1.12	-.96	-.18	.18	-.07	-.06	-.03	.02
Alt Mx	-.11	-.10	-.04	-.05	-.05	-.07	-.06	0.00	-1.13	-.97	-.19	.18	-.07	-.06	-.03	.02
Ust My	.25	.19	.12	.07	.17	.13	.07	0.00	.16	-.20	2.52	1.72	.01	-.01	.36	.25
Alt My	.24	.18	.08	.11	.17	.09	.10	0.00	.17	-.19	2.50	1.70	.01	-.01	.36	.25
S403 N	13.49	3.70			Material:E1			0.00	2.97	3.29	-5.07	-4.36	.18	.20	-.71	-.61
Ust Mx	-.11	-.09	-.04	-.05	-.05	-.06	-.05	0.00	-1.17	-1.00	-.21	.18	-.07	-.06	-.04	.02
Alt Mx	-.10	-.08	-.04	-.04	-.04	-.06	-.05	0.00	-1.18	-1.00	-.21	.18	-.07	-.06	-.04	.02
Ust My	.19	.16	.06	.10	.12	.06	.14	0.00	.20	-.17	2.68	1.88	.02	-.01	.39	.27
Alt My	.16	.14	.09	.05	.07	.08	.13	0.00	.20	-.16	2.70	1.88	.02	-.01	.39	.28
S303 N	17.59	4.60			Material:E1			0.00	5.34	5.70	-8.06	-7.26	.33	.35	-1.12	-1.01
Ust Mx	-.17	-.13	-.06	-.07	-.08	-.10	-.08	0.00	-2.20	-1.86	-.40	.34	-.14	-.12	-.07	.03
Alt Mx	-.17	-.12	-.05	-.07	-.07	-.09	-.07	0.00	-2.16	-1.83	-.39	.33	-.14	-.12	-.07	.03
Ust My	.15	.15	.10	.05	.05	.14	.11	0.00	.27	-.18	3.46	2.45	.02	-.01	.51	.36
Alt My	.15	.14	.05	.09	.08	.14	.06	0.00	.27	-.19	3.50	2.48	.02	-.01	.51	.37
S203 N	21.39	5.41			Material:E1			0.00	9.01	9.41	-12.46	-11.57	.55	.58	-1.74	-1.62
Ust Mx	-.29	-.18	-.08	-.10	-.11	-.12	-.11	0.00	-3.28	-2.78	-.61	.51	-.21	-.18	-.11	.05
Alt Mx	-.29	-.17	-.08	-.09	-.11	-.11	-.11	0.00	-3.23	-2.74	-.60	.49	-.21	-.18	-.11	.04
Ust My	.18	.16	.05	.10	.15	.11	.05	0.00	.30	-.21	4.09	2.93	.02	-.01	.61	.44
Alt My	.17	.15	.10	.05	.16	.06	.08	0.00	.30	-.21	4.11	2.95	.02	-.01	.61	.45

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
K03 N	29.76	7.16			Material:E1			0.00	17.50	17.90	-22.54	-21.67	1.09	1.11	-3.22	-3.10
Ust Mx	-.20	-.14	-.05	-.08	-.08	-.10	-.09	0.00	-3.62	-3.07	-.47	.79	-.24	-.20	-.10	.09
Alt Mx	-.20	-.13	-.05	-.07	-.08	-.09	-.08	0.00	-3.65	-3.10	-.45	.80	-.24	-.21	-.10	.09
Ust My	.12	.16	0.00	.16	0.00	.18	.15	0.00	.44	-.33	6.54	4.77	.04	-.01	1.02	.76
Alt My	.05	.12	.06	.06	.04	.15	.05	0.00	.40	-.35	6.39	4.68	.03	-.01	1.00	.74
K03 N	33.99	7.84			Material:E1			0.00	22.17	22.61	-28.87	-27.90	1.39	1.42	-4.18	-4.04
Ust Mx	-.01	-.08	-.03	-.04	-.05	-.05	-.05	0.00	-2.93	-2.48	-.31	.72	-.20	-.17	-.07	.08
Alt Mx	.12	-.05	-.01	-.03	-.03	-.02	-.03	0.00	-3.09	-2.63	-.30	.75	-.21	-.18	-.07	.09
Ust My	.23	.13	.13	0.00	.17	.09	0.00	0.00	.38	-.29	5.74	4.20	.03	-.01	.92	.68
Alt My	.47	.17	.05	.13	.20	.03	.12	0.00	.30	-.31	5.30	3.90	.03	-.01	.84	.63
K03 N	38.35	8.51			Material:E1			0.00	25.39	25.65	-31.29	-30.73	1.61	1.62	-4.54	-4.47
Ust Mx	.31	.01	.01	0.00	0.00	.02	0.00	0.00	-1.43	-1.21	-.28	.24	-.10	-.08	-.06	.03
Alt Mx	.14	0.00	.01	0.00	0.00	.01	0.00	0.00	-1.99	-1.70	-.30	.37	-.14	-.12	-.06	.04
Ust My	.51	.15	-.04	.19	.15	-.03	.17	0.00	.08	0.00	.61	.42	.01	0.00	.11	.08
Alt My	.23	.07	-.02	.09	.07	-.01	.08	0.00	.15	-.16	2.80	2.10	.01	-.01	.46	.35
K04 N	3.33	.96			Material:E1			0.00	2.90	3.17	1.65	2.21	.19	.21	.21	.29
Ust Mx	.14	.04	.01	.01	.01	.02	.02	0.00	-1.13	-1.31	.15	-.19	-.08	-.09	.02	-.02
Alt Mx	.09	.02	.01	0.00	0.00	.01	.01	0.00	-.75	-.88	.12	-.11	-.06	-.06	.02	-.01
Ust My	-.51	-.15	-.07	-.07	-.08	-.12	-.08	0.00	.24	.12	1.77	1.56	.02	.01	.24	.21
Alt My	-.44	-.14	-.09	-.04	-.09	-.12	-.06	0.00	.15	.07	1.35	1.22	.01	0.00	.18	.16
K04 N	.93	.17			Material:E1			0.00	.47	.51	.76	.93	.03	.03	.09	.12
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.03	-.01	.01	0.00	0.00	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.01	-.01	.01	0.00	0.00	0.00	0.00
Ust My	-.21	-.07	-.05	-.02	-.06	-.05	-.03	0.00	.02	.01	.57	.55	0.00	0.00	.08	.08
Alt My	-.17	-.06	-.02	-.04	-.05	-.03	-.04	0.00	.02	.02	.43	.44	0.00	0.00	.06	.06
K04 N	2.65	.44			Material:E1			0.00	.17	.12	2.67	2.75	.02	.01	.34	.37
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.10	-.09	-.03	0.00	-.01	-.01	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.08	-.06	-.02	.03	-.01	0.00	0.00	0.00
Ust My	-.30	-.10	-.02	-.08	-.06	-.04	-.11	0.00	.04	.09	1.09	1.19	0.00	0.00	.15	.16
Alt My	-.32	-.11	-.07	-.03	-.03	-.08	-.10	0.00	.04	.08	1.02	1.10	0.00	0.00	.14	.15
K04 N	3.89	.61			Material:E1			0.00	-1.84	-2.27	4.68	3.96	-.09	-.12	.63	.56
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.11	-.10	-.03	0.00	-.01	-.01	0.00	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.14	-.13	0.00	.03	-.01	-.01	0.00	0.00
Ust My	-.29	-.10	-.07	-.03	-.04	-.10	-.06	0.00	.06	.08	1.32	1.38	0.00	0.00	.18	.19
Alt My	-.26	-.09	-.03	-.07	-.06	-.09	-.03	0.00	.06	.08	1.30	1.35	0.00	0.00	.17	.18
K04 N	6.05	.93			Material:E1			0.00	-6.13	-7.33	8.27	5.85	-.33	-.40	1.16	.87
Ust Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.12	-.09	-.06	-.01	-.01	-.01	-.01	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.23	-.22	0.00	.03	-.01	-.01	0.00	0.00
Ust My	-.38	-.15	-.03	-.11	-.15	-.09	-.05	0.00	.12	.16	2.40	2.48	.01	.01	.33	.35
Alt My	-.40	-.14	-.10	-.04	-.13	-.04	-.10	0.00	.12	.14	2.51	2.55	.01	.01	.34	.35
K04 N	8.92	1.36			Material:E1			0.00	-13.65	-16.13	13.49	8.20	-.76	-.91	1.95	1.27
Ust Mx	-.01	-.01	0.00	0.00	0.00	-.01	0.00	0.00	-.18	-.13	-.10	0.00	-.01	-.01	-.01	0.00
Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.52	-.52	.02	.04	-.03	-.03	0.00	.01
Ust My	-.46	-.16	-.12	-.03	-.09	-.06	-.17	0.00	.16	.18	2.94	2.98	.01	.01	.42	.43
Alt My	-.44	-.15	-.04	-.11	-.04	-.10	-.15	0.00	.16	.15	3.18	3.16	.01	.01	.45	.45
K04 N	14.00	2.12			Material:E1			0.00	-28.18	-33.08	23.09	12.30	-1.64	-1.93	3.46	1.99
Ust Mx	-.04	-.01	-.01	-.01	-.01	-.01	-.01	0.00	-.31	-.22	-.18	.02	-.03	-.02	-.03	0.00
Alt Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-1.60	.32	.21	-.10	-.10	.05	.03
Ust My	-.47	-.17	-.03	-.14	-.05	-.19	-.10	0.00	.20	.21	3.61	3.63	.01	.01	.54	.54
Alt My	-.43	-.16	-.11	-.04	-.10	-.17	-.04	0.00	.20	.15	4.08	3.99	.01	.01	.60	.58
K04 N	18.01	2.74			Material:E1			0.00	-42.68	-50.06	30.06	13.51	-2.55	-3.01	4.63	2.30
Ust Mx	-.04	-.02	-.01	-.01	-.02	-.01	-.01	0.00	.12	.30	-.73	-.34	0.00	.01	-.11	-.06
Alt Mx	-.01	.01	0.00	0.00	0.00	.01	0.00	0.00	-2.73	-2.90	.18	-.21	-.17	-.18	.04	-.02
Ust My	-.50	-.19	-.15	-.03	-.20	-.11	-.05	0.00	.20	.26	3.65	3.79	.01	.02	.55	.57
Alt My	-.55	-.19	-.05	-.14	-.19	-.04	-.14	0.00	.19	.17	4.54	4.49	.01	.01	.68	.67
K04 N	22.98	3.57			Material:E1			0.00	-61.56	-72.25	36.47	12.23	-3.78	-4.45	5.79	2.25
Ust Mx	-.04	-.02	-.01	-.01	-.01	-.02	-.01	0.00	.90	1.16	-.61	-.03	.04	.06	-.10	-.03
Alt Mx	0.00	.01	.01	0.00	0.00	.01	.01	0.00	-4.92	-5.44	.13	-1.08	-.31	-.35	.05	-.14
Ust My	-.41	-.17	0.00	-.16	-.11	-.03	-.20	0.00	.17	.23	2.76	2.90	.01	.01	.43	.45
Alt My	-.23	-.13	-.08	-.05	-.03	-.09	-.14	0.00	.15	.07	4.36	4.18	.01	.01	.67	.64
K04 N	28.79	4.43			Material:E1			0.00	-80.79	-94.98	44.83	12.49	-5.05	-5.97	7.25	2.43
Ust Mx	-.02	-.02	-.01	-.01	-.01	-.02	-.01	0.00	3.53	4.11	-.34	.97	.22	.25	-.08	.12
Alt Mx	0.00	.01	.01	0.00	.01	.01	.01	0.00	-6.96	-7.93	1.39	-.86	-.46	-.53	.27	-.09
Ust My	.02	-.08	-.16	.08	.06	-.15	-.07	0.00	.11	.19	.76	.94	.01	.01	.13	.16
Alt My	-.03	-.04	-.08	.04	.03	-.07	-.04	0.00	.17	-.12	5.40	4.73	.01	0.00	.87	.77
K05 N	4.69	1.18			Material:E1			0.00	.03	-.22	.57	.01	.01	-.01	.09	.01
Ust Mx	-.08	-.02	-.01	-.01	-.02	-.02	0.00	0.00	-1.30	-1.28	-.17	-.12	-.09	-.09	-.02	-.02
Alt Mx	-.35	-.13	-.05	-.08	-.09	-.09	-.08	0.00	-1.06	-.92	-.33	-.03	-.08	-.08	-.05	-.01
Ust My	-.79	-.09	-.03	-.05	-.04	0.00	-.13	0.00	1.00	.40	6.89	5.74	.07	.03	.95	.79
Alt My	-.82	-.10	.08	-.17	.06	-.02	-.21	0.00	.99	.39	6.74	5.60	.07	.03	.93	.77
K05 N	14.69	3.88			Material:E1			0.00	-1.41	-1.55	-2.28	-2.60	-.08	-.09	-.30	-.35
Ust Mx	-.67	-.22	-.10	-.12	-.12	-.17	-.14	0.00	-1.66	-1.41	-.36	.17	-.10	-.09	-.06	.01
Alt Mx	-.66	-.20	-.09	-.10	-.11	-.15	-.12	0.00	-1.41	-1.20	-.31	.14	-.09	-.07	-.05	.01
Ust My	-1.03	-.11	.06	-.16	.14	-.15	-.18	0.00	1.14	.39	8.88	7.23	.08	.03	1.24	1.01
Alt My	-1.00	-.11	-.12	.03	.06	-.24	-.01	0.00	1.11	.36	8.73	7.11	.08	.03	1.22	.99
K05 N	25.16	6.38			Material:E1			0.00	-3.45	-3.38	-5.72	-5.59	-.21	-.20	-.78	-.76
Ust Mx	-1.58	-.44	-.21	-.21	-.25	-.34	-.26	0.00	-3.64	-3.15	-.77	.28	-.23	-.20	-.13	.02
Alt Mx	-1.12	-.32	-.14	-.16	-.19	-.23	-.18	0.00	-3.25	-2.82	-.67	.28	-.20	-.18	-.11	.02
Ust My	-1.33	-.15	-.20	.08	-.19	-.23	.16	0.00	1.61	.48	14.25	11.77	.11	.04	2.00	1.65
Alt My	-1.25	-.13	.07	-.18	-.29	.01	.06	0.00	1.57	.46	13.93	11.50	.11	.04	1.95	1.61
K05 N	35.98	8.94			Material:E1			0.00	-5.89	-5.70	-8.71	-8.30	-.36	-.35	-1.19	-1.14
Ust Mx	-.82	-.23	-.09	-.12	-.16	-.13	-.14	0.00	-2.70	-2.38	-.52	.19	-.17	-.15	-.09	.01
Alt Mx	-1.02	-.26	-.12	-.14	-.19	-.15	-.18	0.00	-2.49	-2.22	-.42	.19	-.15	-.14	-.07	.01
Ust My	-1.09	-.10	.10	-.18	-.17	.18	-.18	0.00	1.56	.49	14.77	12.40	.11	.04	2.08	1.75
Alt My	-1.06	-.09	-.14	.07	.04	.08	-.28	0.00	1.53	.46	14.69	12.32	.10	.04	2.07	1.74
K05 N	47.04	11.53			Material:E1			0.00	-9.32	-9.00	-12.11	-11.40	-.57	-.55	-1.67	-1.57
Ust Mx	-2.23	-.57	-.28	-.28	-.36	-.34	-.42	0.00	-3.90	-3.52	-.67	.18	-.24	-.22	-.11	.01
Alt Mx	-1.73	-.45	-.22	-.22	-.23	-.31	-.34	0.00	-3.69	-3.41	-.41	.21	-.22	-.21	-.07	.01
Ust My	-.99	-.06	-.20	.16	.27	-.16	-.21	0.00	1.86	.61	18.11	15.31	.13	.05	2.58	2.19
Alt My	-.71	-.01	.11	-.11	.19	-.24	.07	0.00	1.67	.51	16.70	14.12	.11	.04	2.37	2.01
K05 N	59.19	14.30			Material:E1			0.00	-13.81	-13.35	-15.35	-14.33	-.85	-.82	-2.14	-2.00
Ust Mx	-1.71	-.48	-.22	-.24	-.18	-.43	-.32	0.00	-4.08	-3.72	-.75	.06	-.26	-.24	-.13	-.01
Alt Mx	-.87	-.24	-.10	-.12	-.12	-.25	-.08	0.00	-6.07	-5.72	-.46	.34	-.37	-.34	-.08	.03
Ust My	-.83	.03	.33	-.28	-.13	-.25	.47	0.00	2.60	.83	26.50	22.52	.18	.07	3.88	3.31
Alt My	-.97	-.01	-.20	.20	-.36	.13	.24	0.00	2.37	.65	25.54	21.68	.16	.06	3.71	3.17
K05 N	71.52	17.11			Material:E1			0.00	-19.01	-18.39	-18.56	-17.19	-1.18	-1.14	-2.61	-2.42
Ust Mx	-.60	-.16	-.07	-.08	-.19	-.11	0.00	0.00	-2.75	-2.51	-.63	-.09	-.19	-.18	-.10	-.02
Alt Mx	-1.29	-.29	-.14	-.14	-.27	-.13	-.18	0.00	-7.48	-7.28	-.18	.28	-.46	-.45	-.04	.03
Ust My	-.69	0.00	-.30	.31	-.24	.45	-.18	0.00	1.91	.55	21.07	17.99	.14	.05	3.19	2.73
Alt My	-.31	.09	.21	-.11	.16	.34	-.30	0.00	1.69	.29	21.04	17.86	.12	.03	3.14	2.68
K05 N	84.08	19.96			Material:E1			0.00	-24.02	-23.33	-20.70	-19.15	-1.50	-1.46	-2.94	-2.72
Ust Mx	-1.30	-.29	-.14	-.14	-.19	-.05	-.31	0.00	-.01	.16	-.59	-.20	-.02	-.01	-.09	-.04
Alt Mx	.89	.27	.14	.13	.31	.17	.07	0.00	-10.20	-10.03	.05	.44	-.63	-.62	0.00	.05
Ust My	.22	.27	.58	-.30	.80	-.06	-.18	0.00	2.17	.64	25.93	22.41	.16	.06	4.00	3.47
Alt My	-.02	.23	-.23	.48	.50	-.45	.43	0.00	1.87	.16	27.54	23.63	.14	.03	4.20	3.62
K05 N	97.35	23.54			Material:E1			0.00	-28.30	-27.56	-22.20	-20.53	-1.78	-1.73	-3.17	-2.93
Ust Mx	.88	.27	.14	.14	.31	.06	.18	0.00	3.68	3.75	-.49	-.33	.20	.21	-.07	-.05
Alt Mx	-1.70	-.28	-.14	-.14	-.20	-.27	-.08	0.00	-15.93	-15.81	.31	.58	-1.03	-1.02	.04	.08
Ust My	-.10	.14	-.45	.59	-.08	-.31	.67	0.00	1.33	.49	14.96	13.03	.10	.04	2.39	2.08
Alt My	-.09	.11	.17	-.05	-.29	.21	.31	0.00	1.19	-.09	21.73	18.76	.09	.01	3.39	2.94
K05 N	108.43	26.38			Material:E1			0.00	-31.49	-30.70	-23.20	-21.44	-1.99	-1.94	-3.33	-3.07
Ust Mx	-3.41	-.69	-.35	-.34	-.58	-.53	-.27	0.00	11.32	11.37	-.65	-.54	.71	.72	-.10	-.08
Alt Mx	-1.34	-.27	-.12	-.15	-.23	-.21	-.10	0.00	-29.99	-29.79	.42	.87	-2.02	-2.01	.05	.12
Ust My	.05	.06	.63	-.57	-.40	.58	-.06	0.00	.71	.39	4.89	4.15	.05	.03	.84	.72
Alt My	-.11	.01	.29	-.27	-.19	.27	-.04	0.00	.72	-.50	18.07	15.26	.06	-.02	2.94	2.49

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S208 N	24.35	6.40			Material:E1			0.00	-5.40	-5.35	-25.93	-25.89	-.33	-.33	-3.30	-3.31
Ust Mx	2.10	.85	.22	.63	.19	.86	.65	0.00	-4.33	-4.43	.33	.11	-.27	-.28	.05	.02
Alt Mx	2.02	.81	.48	.32	.44	.84	.33	0.00	-4.14	-4.23	.32	.13	-.26	-.26	.05	.02
Ust My	-.68	-.26	-.12	-.15	-.18	-.21	-.16	0.00	.76	.36	18.05	17.14	.05	.03	2.60	2.47
Alt My	-.63	-.24	-.14	-.11	-.18	-.18	-.14	0.00	.71	.30	18.09	17.17	.05	.02	2.61	2.48
S108 N	31.65	8.34			Material:E1			0.00	-7.01	-6.91	-40.25	-40.04	-.43	-.43	-5.47	-5.45
Ust Mx	3.34	1.31	.99	.32	1.26	1.02	.33	0.00	-5.26	-5.39	.38	.07	-.33	-.34	.06	.02
Alt Mx	3.05	1.20	.53	.66	1.15	.55	.69	0.00	-5.59	-5.73	.44	.13	-.35	-.36	.07	.03
Ust My	-.58	-.24	-.15	-.10	-.20	-.15	-.16	0.00	.75	.34	20.94	19.99	.05	.03	3.10	2.96
Alt My	-.50	-.21	-.10	-.12	-.16	-.12	-.16	0.00	.67	.25	20.96	20.00	.05	.02	3.11	2.97
SA08 N	39.28	10.48			Material:E1			0.00	-8.58	-8.57	-52.34	-52.29	-.53	-.53	-7.42	-7.42
Ust Mx	3.27	1.27	.09	1.17	1.16	.07	1.29	0.00	-3.70	-3.84	.18	-.13	-.24	-.25	.03	-.01
Alt Mx	1.34	.53	.13	.39	.40	.07	.58	0.00	-3.73	-3.82	.15	-.05	-.23	-.24	.03	0.00
Ust My	-.38	-.18	-.06	-.13	-.12	-.12	-.15	0.00	.70	.34	24.50	23.66	.05	.02	3.71	3.59
Alt My	-.30	-.13	-.08	-.07	-.09	-.11	-.09	0.00	.60	.23	24.07	23.23	.04	.02	3.65	3.52
SZ08 N	42.79	10.80			Material:E1			0.00	-9.91	-10.04	-64.19	-64.41	-.61	-.62	-9.39	-9.41
Ust Mx	1.02	.59	.20	.19	.22	.49	.07	0.00	.89	.86	-.26	-.33	.05	.05	-.03	-.05
Alt Mx	2.41	.95	.18	.76	.81	.95	.12	0.00	-6.36	-6.57	.22	-.27	-.41	-.42	.04	-.03
Ust My	-.22	-.11	-.07	-.05	-.10	-.11	-.04	0.00	.54	.28	20.73	20.12	.04	.02	3.22	3.12
Alt My	-.29	-.13	-.04	-.10	-.13	-.10	-.06	0.00	.44	.16	20.89	20.24	.03	.01	3.24	3.14
SB08 N	51.59	13.65			Material:E1			0.00	-10.79	-10.90	-74.44	-74.61	-.67	-.68	-11.11	-11.11
Ust Mx	3.36	1.30	.14	1.16	1.20	1.23	.16	0.00	.72	.61	.04	-.22	.04	.03	.01	-.03
Alt Mx	1.38	.54	.06	.48	.50	.51	.07	0.00	-9.51	-9.73	.45	-.05	-.64	-.65	.08	0.00
Ust My	-.19	-.10	0.00	-.11	-.11	-.06	-.05	0.00	.29	.14	9.15	8.80	.02	.01	1.46	1.40
Alt My	-.14	-.06	-.01	-.05	-.05	-.03	-.03	0.00	.15	-.02	8.97	8.60	.01	0.00	1.43	1.37
SÇ09 N	1.69	.07			Material:E1			0.00	-.41	-.46	-3.06	-3.02	-.02	-.02	-.44	-.43
Ust Mx	-.06	-.02	-.01	-.01	-.01	-.02	-.02	0.00	-1.56	-1.40	.05	.36	-.11	-.10	0.00	.04
Alt Mx	-.02	0.00	-.01	.01	.01	-.02	0.00	0.00	-1.45	-1.30	.02	.32	-.10	-.09	0.00	.04
Ust My	.27	.14	.06	.07	.09	.08	.10	0.00	-.11	-.22	2.99	2.78	-.01	-.01	.41	.38
Alt My	.26	.14	.06	.07	.09	.08	.10	0.00	-.11	-.22	2.90	2.69	-.01	-.01	.39	.37
S609 N	5.71	1.09			Material:E1			0.00	-.51	-.63	-5.07	-5.14	-.02	-.03	-.74	-.75
Ust Mx	.11	.10	.04	.06	.08	.02	.09	0.00	-3.33	-3.06	.21	.78	-.21	-.19	.02	.10
Alt Mx	.09	.09	.06	.03	.04	.04	.10	0.00	-3.24	-2.98	.20	.77	-.20	-.19	.02	.09
Ust My	.79	.44	.19	.23	.27	.26	.29	0.00	-.37	-.70	9.49	8.80	-.02	-.04	1.30	1.20
Alt My	.75	.42	.20	.19	.26	.26	.26	0.00	-.37	-.69	9.32	8.64	-.02	-.04	1.27	1.18
S509 N	9.43	1.99			Material:E1			0.00	-.55	-.73	-5.47	-5.74	-.03	-.04	-.82	-.86
Ust Mx	.07	.08	.05	.02	.01	.07	.06	0.00	-3.20	-2.93	.18	.76	-.20	-.18	.01	.09
Alt Mx	.06	.08	.03	.05	.03	.08	.03	0.00	-3.18	-2.92	.19	.77	-.20	-.18	.01	.09
Ust My	.66	.39	.19	.17	.25	.24	.23	0.00	-.35	-.66	10.23	9.54	-.02	-.04	1.41	1.31
Alt My	.63	.38	.16	.19	.25	.22	.23	0.00	-.35	-.67	10.27	9.57	-.02	-.04	1.41	1.32
S409 N	13.77	3.05			Material:E1			0.00	-.52	-.78	-4.17	-4.67	-.03	-.04	-.68	-.74
Ust Mx	.08	.08	.03	.05	.07	.06	.01	0.00	-3.08	-2.82	.17	.74	-.19	-.18	.01	.09
Alt Mx	.10	.08	.05	.03	.09	.03	.03	0.00	-3.00	-2.74	.16	.73	-.19	-.17	.01	.09
Ust My	.49	.33	.14	.17	.22	.18	.21	0.00	-.31	-.62	10.94	10.26	-.02	-.04	1.52	1.42
Alt My	.39	.30	.14	.13	.18	.17	.20	0.00	-.30	-.61	10.79	10.10	-.02	-.03	1.49	1.40
S309 N	18.62	4.15			Material:E1			0.00	-.24	-.60	-2.66	-3.39	-.01	-.03	-.51	-.61
Ust Mx	.20	.15	.10	.04	.12	.02	.13	0.00	-5.33	-4.87	.29	1.32	-.33	-.31	.02	.16
Alt Mx	.14	.13	.05	.07	.06	.04	.14	0.00	-5.13	-4.68	.26	1.26	-.32	-.29	.01	.15
Ust My	.38	.41	.20	.17	.23	.25	.26	0.00	-.44	-.93	19.11	18.00	-.02	-.05	2.68	2.53
Alt My	.24	.35	.14	.18	.21	.22	.21	0.00	-.41	-.88	18.16	17.10	-.02	-.05	2.55	2.40
S209 N	24.40	5.47			Material:E1			0.00	.24	-.24	-.23	-1.26	.02	-.01	-.18	-.31
Ust Mx	.11	.13	.03	.09	.01	.12	.12	0.00	-5.60	-5.11	.28	1.40	-.35	-.32	.01	.17
Alt Mx	.11	.13	.06	.06	.04	.13	.06	0.00	-5.55	-5.06	.25	1.36	-.35	-.32	.01	.17
Ust My	.19	.50	.18	.27	.34	.31	.25	0.00	-.63	-1.40	31.84	30.09	-.03	-.08	4.58	4.33
Alt My	.13	.45	.21	.19	.33	.24	.24	0.00	-.61	-1.36	30.40	28.71	-.03	-.08	4.36	4.12
S109 N	30.60	6.85			Material:E1			0.00	.98	.28	6.13	4.58	.07	.02	.80	.59
Ust Mx	.14	.13	.09	.04	.10	.12	.02	0.00	-5.03	-4.57	.24	1.28	-.32	-.29	.01	.16
Alt Mx	.13	.12	.06	.05	.12	.07	.05	0.00	-5.07	-4.62	.20	1.23	-.32	-.30	0.00	.15
Ust My	-.09	.38	.19	.14	.29	.15	.23	0.00	-.59	-1.33	32.07	30.39	-.03	-.08	4.75	4.51
Alt My	-.41	.26	.07	.16	.17	.10	.19	0.00	-.51	-1.26	30.78	29.06	-.02	-.07	4.53	4.28
SA09 N	37.42	8.45			Material:E1			0.00	1.72	.93	10.16	8.36	.12	.07	1.50	1.25
Ust Mx	.01	.10	.05	.04	.10	.03	.06	0.00	-4.50	-4.05	.20	1.22	-.29	-.26	0.00	.15
Alt Mx	-.15	.03	.04	-.01	.02	.03	.01	0.00	-3.94	-3.54	-.02	.90	-.26	-.23	-.03	.11
Ust My	-.75	.28	-.01	.25	.14	.14	.21	0.00	-.65	-1.37	42.72	41.05	-.03	-.08	6.47	6.22
Alt My	-.44	.29	.10	.16	.18	.18	.15	0.00	-.63	-1.40	42.41	40.64	-.03	-.08	6.37	6.11
SZ09 N	42.51	9.29			Material:E1			0.00	.26	-.46	16.60	14.96	.02	-.02	2.57	2.33
Ust Mx	-.25	.01	.06	-.05	-.06	.09	-.01	0.00	-2.57	-2.21	-.17	.65	-.18	-.15	-.05	.08
Alt Mx	-.07	.08	.08	0.00	0.00	.13	.03	0.00	-4.66	-4.21	.01	1.03	-.31	-.28	-.03	.13
Ust My	-.11	.24	.11	.10	.24	.15	.05	0.00	-.32	-.69	28.80	27.93	-.02	-.04	4.49	4.35
Alt My	-.53	.13	-.03	.14	.19	.02	.01	0.00	-.36	-.92	37.26	35.97	-.02	-.05	5.73	5.53
SB09 N	48.63	11.14			Material:E1			0.00	.96	.14	20.61	18.73	.07	.02	3.28	3.00
Ust Mx	.15	.12	.06	.05	.05	.12	.06	0.00	-1.36	-1.21	.07	.42	-.10	-.08	0.00	.05
Alt Mx	.06	.05	.03	.02	.02	.05	.03	0.00	-3.37	-3.12	-.10	.48	-.23	-.21	-.03	.06
Ust My	-.47	.03	-.13	.14	.12	-.08	-.01	0.00	0.00	-.28	9.80	9.14	0.00	-.02	1.62	1.52
Alt My	-.46	-.03	-.08	.05	.04	-.06	-.04	0.00	.05	-.58	27.60	26.12	.01	-.03	4.41	4.17
SÇ10 N	8.89	1.52			Material:E2			0.00	.70	.99	-5.99	-5.55	.03	.05	-.80	-.74
Ust Mx	-2.58	-.63	-.27	-.35	-.37	-.42	-.46	0.00	-5.81	-4.88	-1.36	.47	-.42	-.36	-.21	.04
Alt Mx	-2.20	-.48	-.26	-.22	-.31	-.33	-.32	0.00	-3.87	-3.14	-1.38	-.03	-.31	-.26	-.20	-.02
Ust My	2.88	1.31	.63	.60	.85	.76	.85	0.00	-2.40	-2.85	16.90	16.18	-.15	-.18	2.27	2.18
Alt My	-.19	.40	.12	.25	.25	.06	.44	0.00	.10	-.88	-19.17	-16.18	.07	-.03	-3.05	-2.54
S610 N	19.90	3.16			Material:E2			0.00	-.04	.72	-15.83	-14.47	-.03	.02	-2.13	-1.95
Ust Mx	-1.47	-.18	-.11	-.05	-.11	-.15	-.08	0.00	-4.76	-4.36	.05	1.04	-.26	-.24	-.02	.12
Alt Mx	-1.53	-.23	-.09	-.14	-.18	-.13	-.13	0.00	-4.64	-4.16	-.22	.86	-.28	-.25	-.06	.10
Ust My	2.25	.96	.38	.51	.47	.77	.54	0.00	-2.71	-2.25	39.44	35.46	-.23	-.16	5.79	5.15
Alt My	.77	.89	.51	.32	.84	.38	.44	0.00	-2.40	-2.59	-35.90	-36.50	-.15	-.16	-5.23	-5.31
S510 N	30.62	4.82			Material:E2			0.00	-1.62	-.25	-29.45	-26.70	-.13	-.04	-3.99	-3.62
Ust Mx	-1.60	-.28	-.11	-.17	-.20	-.14	-.21	0.00	-4.96	-4.36	-.51	.80	-.32	-.28	-.10	.08
Alt Mx	-1.61	-.27	-.16	-.11	-.16	-.16	-.22	0.00	-4.95	-4.37	-.42	.84	-.31	-.28	-.09	.09
Ust My	1.06	.44	.18	.22	-.01	.52	.29	0.00	-.41	-.73	60.08	59.54	-.02	-.04	8.52	8.44
Alt My	.01	.71	.30	.37	.45	.25	.62	0.00	-2.73	-3.35	-22.77	-23.67	-.16	-.20	-3.54	-3.65
S410 N	40.94	6.38			Material:E2			0.00	-3.99	-1.87	-45.34	-40.91	-.27	-.14	-6.18	-5.58
Ust Mx	-1.45	-.24	-.15	-.09	-.11	-.18	-.18	0.00	-5.33	-4.70	-.40	1.00	-.33	-.29	-.09	.11
Alt Mx	-1.32	-.22	-.09	-.13	-.12	-.19	-.13	0.00	-5.56	-4.90	-.40	1.06	-.35	-.31	-.09	.12
Ust My	1.19	.42	.12	.27	.35	.34	.08	0.00	-.05	.06	50.12	49.89	-.01	0.00	7.28	7.24
Alt My	-.84	.62	.36	.22	.34	.46	.35	0.00	-2.70	-4.28	8.27	5.08	-.15	-.25	.19	-.22
S310 N	50.53	7.81			Material:E2			0.00	-7.74	-4.60	-64.66	-57.96	-.51	-.32	-8.88	-7.96
Ust Mx	-1.22	-.20	-.07	-.13	-.15	-.16	-.10	0.00	-5.58	-4.90	-.35	1.17	-.35	-.31	-.08	.13
Alt Mx	-1.31	-.22	-.13	-.09	-.18	-.13	-.13	0.00	-5.84	-5.14	-.38	1.20	-.37	-.32	-.09	.13
Ust My	1.39	.33	.15	.15	.16	.10	.33	0.00	-.02	1.05	22.19	24.23	-.01	.05	4.03	4.27
Alt My	-1.39	.52	.20	.28	.40	.27	.29	0.00	-2.46	-4.15	34.54	31.04	-.15	-.24	3.30	2.88
S210 N	60.26	9.28			Material:E2			0.00	-12.24	-7.83	-90.80	-81.23	-.80	-.53	-12.63	-11.30
Ust Mx	-1.25	-.21	-.13	-.08	-.15	-.11	-.16	0.00	-5.38	-4.72	-.31	1.18	-.34	-.30	-.08	.13
Alt Mx	-1.15	-.19	-.08	-.11	-.11	-.12	-.16	0.00	-5.89	-5.18	-.32	1.27	-.37	-.33	-.08	.14
Ust My	1.51	.28	.08	.19	.09	.32	.12	0.00	-.13	.98	.68	2.85	-.01	.05	1.69	1.93
Alt My	-1.58	.40	.24	.12	.26	.22	.25	0.00	-2.01	-4.28	58.72	53.83	-.11	-.24	6.64	6.03
S110 N	68.98	10.54			Material:E2			0.00	-16.88	-11.11	-122.19	-109.50	-1.11	-.75	-17.26	-15.48
Ust Mx	-.90	-.15	-.05	-.09	-.07	-.12	-.11	0.00	-4.72	-4.14	-.18	1.14	-.31	-.27	-.06	.13
Alt Mx	-.81	-.13	-.08	-.05	-.08	-.12	-.07	0.00	-5.18	-4.57	-.29	1.12	-.33	-.29	-.08	.13
Ust My	1.17	.23	.11	.09	.22	.08	.11	0.00	-.28	1.35	-20.44	-17.02	-.02	.06	-1.05	-.65
Alt My	-2.46	.15	.02	.12	.10	.06	.11	0.00	-1.49	-6.03	89.59	79.41	-.05	-.33	12.00	10.58
SA10 N	76.63	11.61			Material:E2			0.00	-21.27	-14.24	-154.97	-139.42	-1.40	-.96	-22.24	-20.04
Ust Mx	-.77	-.12	-.08	-.04	-.10	-.09	-.05	0.00	-3.81	-3.31	.11	1.24	-.25	-.22	-.01	.16
Alt Mx	-.80	-.13	-.05	-.08	-.12	-.06	-.09	0.00	-4.75	-4.16	-.08	1.26	-.31	-.27	-.05	.15
Ust My	1.67	.28	.08	.17	.10	.17	.24	0.00	-.34	3.68	-51.66	-42.68	-.06	.18	-6.30	-5.06
Alt My	-2.41	-.01	.01	-.01	-.02	-.04	.04	0.00	-2.52	-5.69	130.06	122.91	-.13	-.32	18.47	17.48

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SB10 N	89.44	13.04			Material:E2			0.00	-28.15	-19.30	-207.21	-187.45	-1.88	-1.32	-30.43	-27.57
Ust Mx	-.34	-.04	-.05	0.00	0.00	-.04	-.04	0.00	-.51	-.42	-.09	.13	-.04	-.03	-.02	.02
Alt Mx	-.19	-.03	-.02	0.00	-.01	-.03	-.02	0.00	-2.81	-2.47	-.30	.47	-.19	-.17	-.07	.05
Ust My	1.67	.34	.15	.15	.19	.19	.21	0.00	1.31	4.19	-194.99	-188.42	.05	.23	-29.33	-28.37
Alt My	-3.54	-.57	-.34	-.18	-.21	-.38	-.46	0.00	1.04	-6.54	325.72	308.23	.18	-.34	51.85	49.08
SÇ11 N	13.55	2.96			Material:E2			0.00	-1.78	-1.42	15.28	15.87	-.12	-.09	2.05	2.13
Ust Mx	1.91	.37	.28	.12	.27	.29	.24	0.00	-9.04	-10.37	2.98	.35	-.62	-.71	.46	.09
Alt Mx	2.13	.39	.20	.22	.15	.37	.33	0.00	-7.22	-8.38	2.45	.23	-.51	-.59	.37	.07
Ust My	-5.46	-1.46	-.48	-.91	-.59	-1.28	-.92	0.00	.96	3.22	48.97	53.20	.03	.18	6.52	7.09
Alt My	-.01	.10	-.08	.17	-.07	.16	.10	0.00	-2.68	-1.94	-24.05	-27.35	-.23	-.14	-3.03	-3.58
S611 N	31.62	5.92			Material:E2			0.00	-2.94	-2.18	29.52	30.88	-.20	-.15	3.96	4.14
Ust Mx	2.31	.57	.27	.34	.29	.51	.41	0.00	-8.26	-9.27	1.69	-.59	-.48	-.54	.29	-.03
Alt Mx	2.17	.53	.33	.24	.35	.51	.27	0.00	-8.21	-9.24	1.85	-.43	-.49	-.55	.31	-.01
Ust My	-1.42	-.69	-.38	-.23	-.56	-.32	-.33	0.00	3.82	5.24	70.93	78.58	.28	.32	9.26	10.41
Alt My	-.85	-.23	.01	-.22	.23	-.37	-.28	0.00	.86	.89	-16.19	-15.92	.06	.06	-2.57	-2.54
S511 N	48.95	8.79			Material:E2			0.00	-3.11	-1.80	46.89	49.49	-.21	-.13	6.28	6.63
Ust Mx	2.00	.48	.30	.21	.41	.39	.21	0.00	-8.56	-9.66	2.06	-.36	-.52	-.58	.34	0.00
Alt Mx	1.95	.47	.22	.28	.43	.28	.29	0.00	-8.57	-9.67	2.14	-.28	-.52	-.58	.35	.01
Ust My	-.04	-.36	-.13	-.16	-.28	.01	-.32	0.00	.84	3.19	72.63	77.62	.03	.17	10.10	10.80
Alt My	-1.41	-.34	-.23	-.09	-.25	-.51	.11	0.00	.31	.68	-3.83	-3.37	.01	.04	-.93	-.89
S411 N	66.17	11.64			Material:E2			0.00	-2.44	-.35	67.36	71.68	-.18	-.05	9.04	9.63
Ust Mx	1.71	.40	.19	.25	.30	.21	.35	0.00	-8.85	-9.98	2.22	-.30	-.53	-.60	.37	.01
Alt Mx	1.51	.36	.25	.14	.17	.26	.35	0.00	-9.05	-10.19	2.36	-.17	-.54	-.61	.39	.03
Ust My	.70	-.22	-.18	.04	-.07	-.13	-.10	0.00	1.38	3.70	69.51	75.04	.07	.21	9.77	10.56
Alt My	-1.77	-.37	-.11	-.26	-.40	-.05	-.28	0.00	-.48	.39	26.16	27.80	-.03	.02	2.66	2.83
S311 N	82.32	14.28			Material:E2			0.00	-.60	2.55	90.96	97.68	-.08	.11	12.25	13.18
Ust Mx	1.30	.30	.21	.12	.11	.32	.24	0.00	-9.00	-10.13	2.33	-.21	-.54	-.61	.39	.03
Alt Mx	1.29	.30	.13	.20	.18	.35	.13	0.00	-9.21	-10.36	2.47	-.11	-.55	-.63	.41	.04
Ust My	1.92	-.04	.04	.01	-.10	.11	.08	0.00	2.08	4.24	47.61	52.76	.10	.24	7.39	8.17
Alt My	-1.69	-.32	-.24	-.09	.02	-.35	-.33	0.00	-2.03	.10	51.68	56.15	-.13	-.02	5.70	6.24
S211 N	98.16	16.82			Material:E2			0.00	2.25	6.71	116.38	126.08	.08	.36	15.78	17.13
Ust Mx	.99	.22	.09	.15	.22	.21	.05	0.00	-8.71	-9.81	2.36	-.13	-.53	-.60	.39	.04
Alt Mx	.71	.15	.14	.03	.21	.06	.08	0.00	-9.07	-10.49	2.48	-.05	-.55	-.62	.41	.05
Ust My	2.71	.14	.02	.21	.23	.21	.03	0.00	3.38	4.47	25.88	28.67	.19	.27	5.08	5.58
Alt My	-1.35	-.23	-.08	-.16	-.23	-.33	.08	0.00	-2.38	.38	72.14	78.10	-.16	-.01	8.54	9.27
S111 N	112.76	19.02			Material:E2			0.00	5.81	11.78	143.40	156.56	.29	.66	19.63	21.49
Ust Mx	.47	.07	.10	-.01	.09	-.03	.13	0.00	-8.30	-9.35	2.21	-.18	-.52	-.58	.38	.03
Alt Mx	.54	.09	.02	.09	.01	.05	.17	0.00	-9.07	-10.18	2.36	-.16	-.56	-.63	.40	.03
Ust My	3.56	.39	.23	.24	.32	.19	.43	0.00	3.55	4.11	6.72	8.32	.20	.25	2.73	3.10
Alt My	-1.55	-.27	-.21	-.06	-.27	-.06	-.21	0.00	-2.91	-.04	95.84	102.16	-.20	-.04	12.65	13.47
SA11 N	126.74	21.13			Material:E2			0.00	9.20	16.68	168.49	185.11	.49	.96	23.29	25.66
Ust Mx	.42	.07	-.03	.11	-.07	.10	.14	0.00	-4.89	-5.52	1.12	-.31	-.31	-.35	.20	-.02
Alt Mx	.15	.04	.02	.02	-.03	.06	.05	0.00	-1.60	-1.77	.36	-.02	-.10	-.11	.06	.01
Ust My	4.36	.64	.30	.39	.35	.64	.40	0.00	3.55	3.91	-23.55	-22.46	.20	.25	-2.08	-1.80
Alt My	-2.64	-.46	-.28	-.20	-.27	-.45	-.25	0.00	-4.17	.27	101.60	111.65	-.30	-.03	13.90	15.30
SZ11 N	129.86	21.13			Material:E2			0.00	9.20	16.68	168.49	185.11	.49	.96	23.29	25.66
Ust Mx	-.15	-.04	-.02	-.02	.03	-.06	-.05	0.00	1.60	1.77	-.36	.02	.10	.11	-.06	-.01
Alt Mx	-.16	-.07	-.10	.04	.07	-.13	-.05	0.00	-2.95	-3.32	.41	-.44	-.19	-.21	.08	-.05
Ust My	2.64	.46	.28	.20	.27	.45	.25	0.00	4.17	-.27	-101.60	-111.65	.30	.03	-13.90	-15.30
Alt My	-1.16	-.25	-.21	-.05	-.18	-.35	.01	0.00	-6.19	4.16	198.75	222.46	-.51	.16	29.36	32.91
SB11 N	142.30	22.83			Material:E2			0.00	9.40	17.53	181.35	199.47	.50	1.01	25.26	27.86
Ust Mx	-.12	-.07	-.13	.06	.06	-.15	-.04	0.00	-1.95	-2.25	.58	-.09	-.13	-.15	.11	0.00
Alt Mx	-.06	-.03	-.06	.03	.03	-.07	-.02	0.00	-3.26	-3.65	.62	-.29	-.21	-.24	.12	-.03
Ust My	5.06	1.03	.55	.51	.58	.65	.89	0.00	6.21	-2.46	-163.57	-183.40	.49	-.07	-23.97	-26.93
Alt My	-3.81	-.84	-.49	-.37	-.46	-.61	-.65	0.00	-8.28	4.09	283.17	311.66	-.69	.15	44.04	48.48
SÇ12 N	.64	.29			Material:E1			0.00	-1.13	-1.24	-.69	-1.01	-.07	-.07	-.09	-.14
Ust Mx	.29	.12	.06	.06	.06	.11	.08	0.00	-.87	-.83	-.29	-.22	-.06	-.06	-.04	-.03
Alt Mx	.34	.11	.07	.05	.06	.10	.06	0.00	-.81	-.76	-.30	-.20	-.06	-.05	-.04	-.03
Ust My	.06	.01	0.00	.01	.01	.01	.01	0.00	-.01	.12	3.18	3.42	0.00	.01	.42	.46
Alt My	.06	.01	.01	.01	.01	.01	.01	0.00	0.00	.13	3.25	3.50	0.00	.01	.43	.47
S612 N	2.63	.32			Material:E1			0.00	-.36	-.59	-1.82	-2.40	-.02	-.03	-.25	-.33
Ust Mx	.32	.09	.05	.04	.06	.07	.05	0.00	-.79	-.75	-.18	-.09	-.05	-.05	-.03	-.01
Alt Mx	.31	.08	.04	.05	.07	.06	.05	0.00	-.79	-.75	-.18	-.08	-.05	-.05	-.03	-.01
Ust My	.03	0.00	0.00	0.00	.01	0.00	0.00	0.00	.02	.12	2.77	2.98	0.00	.01	.37	.40
Alt My	.03	0.00	0.00	0.00	0.00	0.00	.01	0.00	.01	.12	2.80	3.02	0.00	.01	.37	.40
S512 N	5.44	1.00			Material:E1			0.00	.97	.63	-1.83	-2.62	.06	.04	-.26	-.38
Ust Mx	.70	.19	.09	.11	.14	.11	.14	0.00	-1.97	-1.87	-.40	-.19	-.12	-.12	-.06	-.03
Alt Mx	.67	.18	.11	.08	.12	.12	.15	0.00	-1.95	-1.85	-.39	-.18	-.12	-.11	-.06	-.03
Ust My	.04	0.00	0.00	.01	0.00	0.00	.01	0.00	.02	.29	7.60	8.19	0.00	.02	1.02	1.10
Alt My	.04	0.00	0.00	0.00	0.00	0.00	.01	0.00	.01	.28	7.65	8.25	0.00	.01	1.03	1.11
S412 N	8.72	1.77			Material:E1			0.00	2.76	2.32	-.40	-1.38	.17	.15	-.08	-.22
Ust Mx	.60	.16	.10	.07	.09	.13	.12	0.00	-1.98	-1.89	-.36	-.14	-.12	-.12	-.05	-.02
Alt Mx	.56	.15	.07	.09	.09	.13	.09	0.00	-2.01	-1.91	-.34	-.12	-.12	-.12	-.05	-.02
Ust My	.03	-.01	0.00	0.00	0.00	0.00	0.00	0.00	-.01	.28	8.28	8.93	0.00	.01	1.12	1.21
Alt My	0.00	-.01	-.01	0.00	0.00	0.00	-.01	0.00	-.02	.27	8.33	8.99	0.00	.01	1.13	1.22
S312 N	12.23	2.52			Material:E1			0.00	4.77	4.22	1.10	-.12	.30	.26	.12	-.06
Ust Mx	.61	.16	.08	.09	.13	.13	.08	0.00	-2.34	-2.23	-.35	-.10	-.15	-.14	-.05	-.02
Alt Mx	.60	.16	.10	.07	.13	.11	.09	0.00	-2.33	-2.22	-.31	-.07	-.14	-.14	-.05	-.01
Ust My	0.00	-.03	-.02	0.00	0.00	-.02	-.01	0.00	-.06	.47	14.49	15.67	-.01	.02	1.99	2.16
Alt My	0.00	-.03	-.01	0.00	-.01	-.02	0.00	0.00	-.08	.45	14.38	15.56	-.01	.02	1.98	2.15
S212 N	16.84	3.53			Material:E1			0.00	7.52	6.89	3.98	2.59	.47	.43	.52	.32
Ust Mx	.81	.21	.13	.08	.16	.11	.17	0.00	-3.68	-3.51	-.42	-.04	-.23	-.22	-.07	-.01
Alt Mx	.63	.16	.07	.10	.09	.09	.15	0.00	-3.75	-3.58	-.37	.02	-.23	-.22	-.06	-.01
Ust My	0.00	-.04	-.01	-.01	-.02	-.02	-.01	0.00	-.09	.53	16.37	17.76	-.01	.03	2.30	2.50
Alt My	-.05	-.05	-.02	-.01	-.03	-.02	-.02	0.00	-.11	.49	16.10	17.48	-.01	.02	2.27	2.47
S112 N	21.58	4.49			Material:E1			0.00	11.89	11.22	7.94	6.46	.74	.70	1.12	.91
Ust Mx	.57	.13	.05	.09	.04	.12	.12	0.00	-3.95	-3.78	-.31	.07	-.25	-.24	-.05	0.00
Alt Mx	.64	.15	.10	.06	.07	.15	.09	0.00	-4.14	-3.97	-.27	.11	-.26	-.25	-.05	.01
Ust My	-.07	-.08	-.04	-.02	-.04	-.04	-.04	0.00	-.17	.74	23.15	25.23	-.02	.04	3.36	3.67
Alt My	-.06	-.07	-.04	-.02	-.03	-.04	-.04	0.00	-.22	.70	23.07	25.17	-.02	.03	3.35	3.67
SA12 N	27.79	5.88			Material:E1			0.00	16.65	16.01	13.15	11.77	1.04	1.00	1.92	1.73
Ust Mx	.97	.22	.17	.05	.15	.22	.07	0.00	-3.36	-3.23	-.19	.10	-.22	-.21	-.03	.01
Alt Mx	.64	.14	.07	.06	.11	.12	.05	0.00	-.93	-.90	-.02	.04	-.06	-.05	0.00	0.00
Ust My	.04	-.04	-.01	-.02	-.01	-.03	-.02	0.00	-.12	.51	14.81	16.26	-.01	.03	2.19	2.40
Alt My	-.02	-.01	0.00	0.00	0.00	-.01	0.00	0.00	-.03	.05	2.12	2.30	0.00	0.00	.28	.31
SZ12 N	28.66	5.88			Material:E1			0.00	16.65	16.01	13.15	11.77	1.04	1.00	1.92	1.73
Ust Mx	.52	.09	.04	.05	.04	.05	.09	0.00	.93	.90	.02	-.04	.06	.05	0.00	0.00
Alt Mx	.54	.09	.09	0.00	0.00	.06	.13	0.00	-2.14	-2.06	-.04	.15	-.14	-.14	-.01	.02
Ust My	.02	.01	0.00	0.00	0.00	.01	0.00	0.00	.03	-.05	-2.12	-2.30	0.00	0.00	-.28	-.31
Alt My	-.01	-.02	-.01	-.02	-.02	-.01	-.02	0.00	-.13	.21	7.08	7.87	-.01	.01	1.09	1.22
SB12 N	35.58	7.52			Material:E1			0.00	19.42	18.86	16.65	15.46	1.23	1.20	2.50	2.34
Ust Mx	.47	.08	.13	-.04	-.03	.07	.14	0.00	-2.16	-2.05	-.19	.07	-.15	-.14	-.03	.01
Alt Mx	.21	.03	.06	-.02	-.02	.03	.06	0.00	-3.16	-3.04	-.11	.16	-.21	-.21	-.02	.02
Ust My	.05	-.03	-.01	-.02	-.02	0.00	-.03	0.00	-.11	.33	10.44	11.46	-.01	.02	1.62	1.78
Alt My	-.03	-.03	-.01	-.02	-.02	-.01	-.02	0.00	-.17	.22	9.04	9.94	-.02	.01	1.40	1.54
SÇ13 N	11.32	1.74			Material:E2			0.00	.56	.08	-11.44	-12.18	.04	.01	-1.52	-1.61
Ust Mx	-2.03	-.44	-.18	-.26	-.30	-.29	-.27	0.00	-12.55	-10.85	-1.66	1.78	-.87	-.76	-.29	.18
Alt Mx	-1.77	-.50	-.26	-.23	-.43	-.31	-.25	0.00	-11.27	-9.64	-2.32	.92	-.79	-.69	-.38	.07
Ust My	8.89	1.94	.82	1.14	1.10	1.50	1.31	0.00	-1.24	.28	40.35	42.95	-.10	0.00	5.38	5.72
Alt My	5.26	1.61	.87	.69	1.15	1.16	.81	0.00	-4.32	-4.16	-31.54	-36.23	-.33	-.27	-4.01	-4.75
S613 N	22.89	4.22			Material:E2			0.00	11.84	9.58	-17.69	-22.18	.76	.62	-2.25	-2.86
Ust Mx	-1.20	-.34	-.18	-.12	-.27	-.18	-.16	0.00	-11.90	-10.63	-1.19	1.66	-.72	-.64	-.23	.16
Alt Mx	-1.27	-.36	-.13	-.20	-.25	-.14	-.26	0.00	-11.95	-10.62	-1.35	1.58	-.74	-.66	-.25	.15
Ust My	1.29	.25	.27	.03	.32	.16	.12	0.00	2.61	3.48	65.60	72.29	.21	.22	8.54	9.55
Alt My	2.41	.91	.36	.52	.91	.16	.71	0.00	-.87	-1.51	-23.96	-25.02	-.04	-.08	-3.63	-3.78

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON STATÝK HESAP SONUÇLARI

Kolon	GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S413 N	45.08	9.06		Material:E2				0.00	37.25	30.84	-43.42	-57.11	2.37	1.97	-5.48	-7.36
Ust Mx	-1.18	-.34	-.19	-.12	-.17	-.30	-.16	0.00	-12.48	-11.04	-1.45	1.77	-.78	-.69	-.27	.17
Alt Mx	-1.17	-.33	-.12	-.19	-.25	-.25	-.12	0.00	-12.55	-11.10	-1.41	1.81	-.79	-.70	-.27	.18
Ust My	3.68	.87	.55	.35	.53	.88	.40	0.00	-.76	.92	63.39	67.53	-.06	.04	8.94	9.54
Alt My	.68	.61	.20	.39	.50	.55	.13	0.00	-2.73	-2.58	18.26	18.31	-.17	-.16	1.57	1.52
S313 N	55.88	11.41		Material:E2				0.00	50.11	41.40	-62.78	-81.62	3.18	2.64	-8.02	-10.62
Ust Mx	-1.06	-.30	-.11	-.17	-.27	-.15	-.14	0.00	-12.34	-10.92	-1.28	1.91	-.78	-.69	-.25	.20
Alt Mx	-1.01	-.29	-.17	-.10	-.22	-.10	-.21	0.00	-12.53	-11.10	-1.26	1.95	-.79	-.70	-.25	.20
Ust My	4.09	.87	.30	.62	.76	.53	.56	0.00	-.17	1.33	39.96	43.65	-.03	.07	6.37	6.94
Alt My	-.26	.40	.31	.05	.41	-.05	.38	0.00	-4.27	-2.78	44.35	47.38	-.27	-.19	4.67	5.00
S213 N	65.86	13.54		Material:E2				0.00	62.37	51.25	-86.24	-110.56	3.96	3.28	-11.20	-14.59
Ust Mx	-.92	-.26	-.15	-.09	-.12	-.12	-.24	0.00	-11.68	-10.34	-1.13	1.88	-.74	-.66	-.23	.20
Alt Mx	-.93	-.26	-.08	-.16	-.08	-.20	-.20	0.00	-11.86	-10.51	-1.12	1.91	-.75	-.67	-.23	.20
Ust My	3.86	.76	.54	.29	.43	.55	.68	0.00	1.32	1.77	18.18	19.54	.06	.11	4.05	4.35
Alt My	-.79	.21	-.01	.19	-.13	.25	.26	0.00	-4.47	-2.27	65.34	70.04	-.28	-.17	7.55	8.10
S113 N	75.60	15.57		Material:E2				0.00	73.46	59.88	-113.43	-143.38	4.69	3.85	-15.05	-19.26
Ust Mx	-.87	-.25	-.08	-.15	-.11	-.23	-.12	0.00	-10.69	-9.47	-.92	1.85	-.69	-.61	-.20	.20
Alt Mx	-.86	-.24	-.15	-.08	-.18	-.20	-.07	0.00	-11.48	-10.19	-.99	1.95	-.74	-.66	-.22	.21
Ust My	3.82	.74	.25	.55	.45	.71	.45	0.00	1.64	1.63	-.28	.04	.08	.10	1.80	1.99
Alt My	-2.09	-.12	.04	-.17	.04	-.02	-.27	0.00	-4.69	-2.29	92.31	97.55	-.31	-.17	12.13	12.80
SA13 N	84.17	17.43		Material:E2				0.00	82.50	66.56	-140.96	-176.31	5.29	4.30	-19.07	-24.09
Ust Mx	-.50	-.14	-.13	0.00	-.17	-.09	0.00	0.00	-6.19	-5.48	-.30	1.32	-.40	-.36	-.08	.16
Alt Mx	-.10	-.01	-.01	0.00	-.05	.01	.02	0.00	-1.66	-1.49	-.11	.27	-.10	-.09	-.03	.03
Ust My	4.01	.76	.61	.21	.68	.58	.37	0.00	2.38	2.35	-30.52	-30.30	.13	.15	-3.01	-2.85
Alt My	-2.59	-.45	-.28	-.20	-.24	-.47	-.23	0.00	-4.21	.20	101.27	111.22	-.30	-.04	13.81	15.20
SZ13 N	87.30	17.43		Material:E2				0.00	82.50	66.56	-140.96	-176.31	5.29	4.30	-19.07	-24.09
Ust Mx	.10	.01	.01	0.00	.05	-.01	-.02	0.00	1.66	1.49	.11	-.27	.10	.09	.03	-.03
Alt Mx	-.21	-.10	-.10	0.00	.01	-.12	-.09	0.00	-4.30	-3.81	-.18	.95	-.29	-.26	-.05	.12
Ust My	2.59	.45	.28	.20	.24	.47	.23	0.00	4.21	-.20	-101.27	-111.22	.30	.04	-13.81	-15.20
Alt My	-2.91	-.48	-.16	-.34	-.43	-.25	-.31	0.00	-6.78	3.56	198.58	222.27	-.55	.12	29.33	32.89
SB13 N	94.53	19.12		Material:E2				0.00	86.71	69.52	-155.65	-193.91	5.58	4.51	-21.34	-26.81
Ust Mx	-.28	-.13	-.14	.01	0.00	-.15	-.10	0.00	-3.56	-3.12	-.37	.63	-.24	-.21	-.08	.07
Alt Mx	-.16	-.07	-.07	0.00	-.01	-.08	-.05	0.00	-4.30	-3.80	-.43	.72	-.29	-.26	-.10	.08
Ust My	3.24	.81	.64	.20	.33	.79	.57	0.00	5.68	-3.30	-166.68	-187.23	.46	-.12	-24.39	-27.45
Alt My	-4.24	-.92	-.51	-.43	-.52	-.63	-.73	0.00	-8.95	4.30	304.61	335.12	-.74	.15	47.42	52.18
SÇ14 N	2.02	.65		Material:E1				0.00	-1.33	-1.24	2.16	2.38	-.10	-.09	.29	.32
Ust Mx	.51	.12	.07	.05	.08	.10	.07	0.00	-.91	-1.09	.50	.14	-.06	-.07	.07	.03
Alt Mx	.44	.11	.06	.04	.07	.08	.05	0.00	-.97	-1.16	.49	.13	-.07	-.08	.07	.02
Ust My	-.52	-.18	-.10	-.09	-.11	-.16	-.10	0.00	-.19	.05	1.44	1.91	-.01	0.00	.19	.25
Alt My	-.57	-.20	-.14	-.05	-.15	-.18	-.07	0.00	-.20	.02	1.24	1.67	-.01	0.00	.16	.22
S614 N	6.32	1.67		Material:E1				0.00	-2.41	-2.31	4.93	5.21	-.17	-.17	.67	.71
Ust Mx	.30	.08	.05	.03	.06	.05	.04	0.00	-1.05	-1.21	.35	0.00	-.06	-.07	.06	.01
Alt Mx	.30	.07	.04	.04	.05	.04	.05	0.00	-1.04	-1.19	.35	.01	-.06	-.07	.06	.01
Ust My	-.48	-.16	-.10	-.06	-.15	-.11	-.07	0.00	-.14	.01	1.01	1.35	-.01	0.00	.13	.18
Alt My	-.47	-.16	-.06	-.10	-.14	-.07	-.10	0.00	-.14	.01	.99	1.32	-.01	0.00	.13	.17
S514 N	12.46	2.73		Material:E1				0.00	-3.70	-3.49	8.17	8.68	-.25	-.23	1.11	1.18
Ust Mx	.90	.21	.10	.10	.11	.14	.15	0.00	-3.37	-3.88	1.12	-.01	-.20	-.23	.18	.02
Alt Mx	.83	.19	.11	.07	.10	.15	.12	0.00	-3.30	-3.80	1.10	0.00	-.20	-.23	.18	.02
Ust My	-.66	-.22	-.08	-.14	-.14	-.10	-.21	0.00	-.22	.02	1.72	2.24	-.02	0.00	.22	.30
Alt My	-.64	-.22	-.14	-.08	-.09	-.15	-.20	0.00	-.21	.02	1.68	2.20	-.02	0.00	.22	.29
S414 N	18.80	3.84		Material:E1				0.00	-5.61	-5.30	12.17	12.89	-.36	-.34	1.66	1.76
Ust Mx	.71	.16	.10	.05	.10	.13	.07	0.00	-3.12	-3.59	1.02	-.03	-.19	-.22	.16	.02
Alt Mx	.69	.15	.07	.08	.12	.11	.06	0.00	-3.03	-3.49	1.00	-.02	-.18	-.21	.16	.02
Ust My	-.61	-.20	-.13	-.07	-.09	-.20	-.13	0.00	-.21	.02	1.86	2.39	-.02	0.00	.24	.32
Alt My	-.60	-.20	-.08	-.13	-.13	-.19	-.08	0.00	-.21	.02	1.83	2.34	-.02	0.00	.24	.31
S314 N	25.90	5.09		Material:E1				0.00	-8.40	-8.04	16.87	17.68	-.53	-.51	2.31	2.43
Ust Mx	1.21	.26	.11	.14	.23	.13	.14	0.00	-6.31	-7.25	1.98	-.13	-.38	-.44	.32	.03
Alt Mx	.96	.21	.14	.06	.15	.09	.16	0.00	-6.11	-7.01	1.91	-.12	-.37	-.42	.31	.03
Ust My	-.66	-.23	-.08	-.15	-.22	-.15	-.08	0.00	-.27	.03	2.37	3.02	-.02	0.00	.31	.41
Alt My	-.56	-.20	-.13	-.07	-.20	-.08	-.13	0.00	-.26	.02	2.25	2.87	-.02	0.00	.30	.38
S214 N	33.78	6.49		Material:E1				0.00	-11.70	-11.27	22.14	23.11	-.74	-.71	3.05	3.19
Ust Mx	.87	.18	.14	.03	.06	.11	.16	0.00	-6.45	-7.40	1.89	-.26	-.39	-.45	.32	.01
Alt Mx	.93	.19	.09	.10	.07	.18	.12	0.00	-6.26	-7.18	1.81	-.26	-.38	-.44	.30	.01
Ust My	-.82	-.30	-.23	-.07	-.20	-.09	-.32	0.00	-.40	.06	3.79	4.82	-.03	0.00	.52	.67
Alt My	-.81	-.28	-.10	-.19	-.09	-.19	-.29	0.00	-.38	.06	3.72	4.72	-.03	0.00	.50	.65
S114 N	41.98	7.91		Material:E1				0.00	-14.44	-13.78	27.87	29.36	-.91	-.87	3.86	4.07
Ust Mx	1.24	.24	.08	.15	.13	.28	.04	0.00	-9.40	-10.82	2.50	-.73	-.58	-.67	.44	-.04
Alt Mx	.72	.13	.12	0.00	.14	.11	-.02	0.00	-9.54	-10.96	2.53	-.69	-.59	-.68	.44	-.03
Ust My	-.79	-.28	-.05	-.23	-.06	-.31	-.19	0.00	-.35	.12	4.02	5.09	-.03	0.00	.57	.73
Alt My	-.66	-.25	-.16	-.09	-.15	-.26	-.09	0.00	-.36	.12	4.20	5.29	-.03	0.00	.59	.75
SA14 N	50.46	9.40		Material:E1				0.00	-16.83	-15.89	33.50	35.60	-1.07	-1.01	4.66	4.96
Ust Mx	.09	-.01	.11	-.13	.13	-.09	-.07	0.00	-5.20	-6.01	1.04	-.82	-.33	-.38	.19	-.08
Alt Mx	.10	.04	.02	.02	.08	-.03	.02	0.00	-1.64	-1.86	.43	-.05	-.10	-.11	.07	.01
Ust My	-.08	-.11	-.23	.11	-.24	-.12	.14	0.00	-.29	.15	3.82	4.82	-.02	0.00	.55	.70
Alt My	.66	.15	.07	.08	-.01	.12	.19	0.00	-.10	.05	1.41	1.74	-.01	0.00	.19	.24
SZ14 N	51.55	9.40		Material:E1				0.00	-16.83	-15.89	33.50	35.60	-1.07	-1.01	4.66	4.96
Ust Mx	-.10	-.04	-.02	-.02	-.08	.03	-.02	0.00	1.64	1.86	-.43	.05	.10	.11	-.07	-.01
Alt Mx	-.22	-.09	.03	-.13	-.15	.06	-.11	0.00	-2.97	-3.42	.25	-.79	-.19	-.22	.06	-.10
Ust My	.84	.15	.08	.07	.20	.09	.01	0.00	.10	-.05	-1.41	-1.74	.01	0.00	-.19	-.24
Alt My	-.37	-.27	-.32	.05	.09	-.32	-.31	0.00	-.24	.14	3.73	4.60	-.02	.01	.55	.68
SB14 N	60.35	11.64		Material:E1				0.00	-16.71	-15.49	35.76	38.50	-1.06	-.99	4.99	5.39
Ust Mx	-.32	-.15	.07	-.22	-.19	.06	-.18	0.00	-1.99	-2.35	.51	-.33	-.13	-.16	.10	-.03
Alt Mx	-.14	-.06	.04	-.10	-.08	.03	-.07	0.00	-4.71	-5.42	.93	-.71	-.31	-.36	.18	-.07
Ust My	-1.14	-.51	-.54	.03	-.01	-.55	-.47	0.00	-.18	.01	1.70	2.13	-.01	0.00	.27	.34
Alt My	-.62	-.26	-.27	.01	-.01	-.28	-.24	0.00	-.31	.17	5.06	6.17	-.03	.01	.78	.95
SÇ15 N	1.44	.40		Material:E1				0.00	1.21	.83	-1.63	-2.50	.07	.05	-.21	-.33
Ust Mx	.47	.13	.08	.06	.09	.09	.08	0.00	-.99	-.97	-.37	-.34	-.07	-.07	-.05	-.05
Alt Mx	.44	.13	.07	.06	.08	.09	.09	0.00	-.94	-.93	-.34	-.33	-.07	-.07	-.05	-.05
Ust My	.43	.13	.07	.05	.08	.11	.05	0.00	.28	.49	1.92	2.32	.01	.03	.25	.31
Alt My	.51	.15	.11	.03	.13	.12	.04	0.00	.33	.54	1.96	2.36	.02	.03	.26	.31
S615 N	8.65	2.32		Material:E1				0.00	1.53	1.10	-.93	-1.89	.08	.06	-.12	-.26
Ust Mx	.59	.19	.10	.10	.11	.14	.14	0.00	-1.68	-1.70	-.33	-.38	-.10	-.10	-.04	-.05
Alt Mx	.56	.18	.11	.08	.10	.14	.12	0.00	-1.61	-1.63	-.32	-.37	-.10	-.10	-.04	-.05
Ust My	.56	.16	.11	.05	.16	.09	.07	0.00	.43	.65	2.33	2.79	.02	.04	.30	.37
Alt My	.53	.16	.06	.09	.13	.06	.11	0.00	.43	.64	2.32	2.79	.02	.04	.30	.37
S515 N	15.28	3.96		Material:E1				0.00	1.08	.88	1.93	1.45	.06	.04	.24	.17
Ust Mx	1.00	.32	.19	.14	.20	.27	.17	0.00	-3.26	-3.29	-.63	-.72	-.20	-.20	-.09	-.10
Alt Mx	.91	.29	.14	.16	.22	.22	.15	0.00	-3.17	-3.21	-.60	-.68	-.19	-.20	-.08	-.09
Ust My	1.10	.33	.11	.21	.16	.15	.31	0.00	.95	1.47	5.99	7.13	.05	.09	.79	.95
Alt My	1.05	.31	.20	.10	.10	.23	.27	0.00	.94	1.44	5.90	7.02	.05	.08	.78	.93
S415 N	22.08	5.67		Material:E1				0.00	.15	.21	6.04	6.14	0.00	0.00	.78	.79
Ust Mx	.77	.24	.12	.13	.20	.14	.16	0.00	-3.02	-3.04	-.55	-.60	-.18	-.19	-.08	-.08
Alt Mx	.75	.23	.15	.10	.17	.13	.19	0.00	-2.95	-2.96	-.51	-.55	-.18	-.18	-.07	-.08
Ust My	.95	.28	.19	.08	.12	.29	.13	0.00	.90	1.41	6.40	7.54	.05	.08	.85	1.01
Alt My	.91	.27	.09	.17	.20	.24	.07	0.00	.89	1.40	6.41	7.55	.05	.08	.85	1.01
S315 N	29.57	7.59		Material:E1				0.00	-1.10	-.72	11.34	12.16	-.08	-.05	1.49	1.60
Ust Mx	.88	.28	.18	.10	.14	.19	.25	0.00	-4.29	-4.30	-.70	-.72	-.26	-.26	-.10	-.10
Alt Mx	.67	.22	.10	.13	.09	.20	.17	0.00	-4.29	-4.29	-.66	-.64	-.26	-.26	-.09	-.09
Ust My	.95	.28	.08	.19	.29	.13	.11	0.00	1.01	1.62	7.80	9.17	.06	.09	1.06	1.25
Alt My	.88	.26	.18	.07	.24	.06	.20	0.00	.99	1.60	7.85	9.22	.06	.09	1.06	1.26
S215 N	37.01	9.50		Material:E1				0.00	-2.84	-2.15	17.20	18.71	-.19	-.14	2.30	2.51
Ust Mx	.58	.19	.08	.11	.12	.20	.07	0.00	-3.56	-3.55	-.51	-.47	-.22	-.22	-.07	-.07
Alt Mx	.70	.22	.15	.08	.20	.18	.08	0.00	-3.38	-3.35	-.41	-.34	-.21	-.21	-.06	-.05
Ust My	.63	.19	.15	.03	.07	.06	.23	0.00	.91	1.47	7.37	8.64	.05	.09	1.02	1.20
Alt My	.47	.14	.03	.10	-.01	.12	.16	0.00	.82	1.37	7.11	8.34	.05	.08	.98	1.16

FİRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON STATİK HESAP SONUÇLARI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SA15	N	55.13	14.13			Material:E1			0.00	-9.46	-7.74	33.41	37.30	-.62	-.51	4.65	5.21
Ust	Mx	-.51	-.15	-.21	.07	-.22	-.19	.13	0.00	-3.27	-3.25	-.37	-.32	-.21	-.21	-.05	-.04
Alt	Mx	.03	.01	0.00	.01	-.06	-.01	.08	0.00	-1.17	-1.15	-.01	.04	-.07	-.07	0.00	0.00
Ust	My	.30	.06	.30	-.25	.35	-.02	-.23	0.00	1.21	2.11	11.43	13.49	.07	.12	1.67	1.98
Alt	My	-.11	-.02	-.03	.01	.15	-.11	-.08	0.00	.10	.25	1.79	2.12	.01	.01	.23	.28
SZ15	N	56.23	14.13			Material:E1			0.00	-9.46	-7.74	33.41	37.30	-.62	-.51	4.65	5.21
Ust	Mx	-.03	-.01	0.00	-.01	.06	.01	-.08	0.00	1.17	1.15	.01	-.04	.07	.07	0.00	0.00
Alt	Mx	-.44	-.12	-.11	0.00	.04	-.09	-.18	0.00	-3.38	-3.31	-.09	.08	-.22	-.22	-.02	.01
Ust	My	.11	.02	.03	-.01	-.15	.11	.08	0.00	-.10	-.25	-1.79	-2.12	-.01	-.01	-.23	-.28
Alt	My	.35	.07	.25	-.19	-.25	.29	.08	0.00	.12	.64	5.93	7.12	0.00	.04	.90	1.08
SB15	N	66.32	18.03			Material:E1			0.00	-11.68	-9.66	37.55	42.15	-.77	-.64	5.30	5.97
Ust	Mx	-.70	-.19	-.20	.01	.02	-.16	-.24	0.00	-1.98	-1.96	-.34	-.28	-.14	-.14	-.05	-.04
Alt	Mx	-.34	-.09	-.09	0.00	0.00	-.08	-.11	0.00	-5.02	-4.89	-.19	.12	-.34	-.33	-.04	.01
Ust	My	.65	.13	.44	-.32	-.28	.44	.09	0.00	.64	1.15	6.86	8.05	.03	.07	1.06	1.25
Alt	My	.23	.04	.20	-.16	-.14	.19	.03	0.00	.05	.74	8.11	9.70	-.01	.04	1.24	1.49
SC16	N	3.54	1.09			Material:E1			0.00	-3.44	-2.97	-1.87	-.88	-.23	-.20	-.27	-.14
Ust	Mx	-.09	-.04	-.02	-.02	-.03	-.01	-.03	0.00	-1.21	-1.00	-.76	-.36	-.09	-.08	-.11	-.06
Alt	Mx	-.07	-.04	-.01	-.02	-.03	-.01	-.02	0.00	-.83	-.67	-.61	-.32	-.06	-.05	-.09	-.05
Ust	My	.61	.20	.10	.10	.12	.13	.14	0.00	.35	.44	.99	1.13	.02	.03	.13	.15
Alt	My	.51	.17	.07	.10	.09	.11	.13	0.00	.24	.31	.80	.90	.01	.02	.11	.12
S616	N	1.18	.25			Material:E1			0.00	-.83	-.73	-.72	-.42	-.05	-.05	-.11	-.06
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.05	.01	-.02	0.00	0.00	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	-.02	.02	-.02	0.00	0.00	0.00	0.00
Ust	My	.47	.16	.06	.09	.07	.12	.11	0.00	.19	.22	1.16	1.22	.01	.01	.15	.16
Alt	My	.41	.14	.08	.05	.08	.12	.07	0.00	.19	.19	.97	.97	.01	.01	.13	.13
S516	N	2.65	.49			Material:E1			0.00	-.57	-.57	-1.58	-1.37	-.04	-.04	-.24	-.19
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.10	-.11	.01	-.02	-.01	-.01	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.07	-.09	.02	-.03	0.00	-.01	0.00	0.00
Ust	My	.41	.14	.09	.05	.11	.10	.05	0.00	.25	.23	1.42	1.38	.02	.01	.19	.19
Alt	My	.41	.14	.05	.08	.12	.07	.08	0.00	.25	.24	1.34	1.31	.02	.01	.18	.18
S416	N	3.83	.68			Material:E1			0.00	1.73	1.30	-2.07	-2.78	.09	.07	-.29	-.36
Ust	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.11	-.12	.01	-.02	-.01	-.01	0.00	0.00
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.13	-.14	0.00	-.03	-.01	-.01	0.00	0.00
Ust	My	.38	.13	.05	.08	.09	.05	.11	0.00	.25	.25	1.64	1.64	.02	.02	.22	.22
Alt	My	.34	.12	.08	.04	.06	.07	.11	0.00	.25	.25	1.56	1.55	.02	.02	.21	.21
S316	N	7.10	1.22			Material:E1			0.00	7.26	5.80	-3.61	-6.50	.41	.33	-.47	-.81
Ust	Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.19	-.23	.06	-.03	-.01	-.01	.01	0.00
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.41	-.43	.01	-.02	-.02	-.02	0.00	0.00
Ust	My	.55	.21	.14	.06	.07	.18	.15	0.00	.49	.51	3.27	3.32	.03	.03	.46	.46
Alt	My	.47	.19	.06	.12	.10	.18	.08	0.00	.44	.48	3.23	3.29	.03	.03	.44	.45
S216	N	10.16	1.72			Material:E1			0.00	15.97	13.09	-4.96	-11.08	.93	.77	-.59	-1.36
Ust	Mx	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.17	-.24	.07	-.08	-.01	-.02	.01	-.01
Alt	Mx	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.68	-.68	0.00	-.01	-.04	-.04	0.00	0.00
Ust	My	.65	.25	.07	.18	.23	.19	.07	0.00	.68	.73	4.78	4.90	.04	.04	.69	.70
Alt	My	.61	.24	.16	.07	.23	.11	.13	0.00	.60	.69	5.00	5.20	.04	.04	.70	.73
S116	N	13.84	2.31			Material:E1			0.00	29.65	24.60	-6.32	-17.43	1.81	1.51	-.64	-2.14
Ust	Mx	.02	0.00	0.00	0.00	0.00	.01	0.00	0.00	-.24	-.33	.05	-.14	-.02	-.02	.01	-.02
Alt	Mx	-.02	-.01	0.00	0.00	0.00	0.00	-.01	0.00	-1.35	-1.31	-.22	-.12	-.08	-.08	-.04	-.02
Ust	My	.61	.25	.20	.05	.19	.08	.22	0.00	.72	.85	5.57	5.87	.04	.05	.82	.87
Alt	My	.45	.23	.09	.13	.10	.13	.21	0.00	.66	.88	6.34	6.85	.04	.05	.92	.99
SA16	N	17.83	2.99			Material:E1			0.00	46.14	38.41	-9.45	-26.78	2.92	2.44	-.92	-3.37
Ust	Mx	.04	.01	.01	0.00	.01	.01	0.00	0.00	.17	0.00	.42	.05	.01	0.00	.07	.02
Alt	Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.81	-1.73	.03	.21	-.11	-.11	0.00	.02
Ust	My	.32	.20	-.01	.21	-.01	.21	.19	0.00	.86	.79	5.15	5.02	.05	.05	.79	.77
Alt	My	-.09	0.00	0.00	-.01	-.06	.05	0.00	0.00	.34	-.03	1.92	1.07	.03	0.00	.29	.15
SZ16	N	21.01	3.26			Material:E1			0.00	70.90	59.47	-10.61	-36.53	4.61	3.88	-.84	-4.63
Ust	Mx	.08	.01	.01	.01	.01	.01	.01	0.00	.83	.58	.32	-.24	.04	.03	.06	-.02
Alt	Mx	-.03	-.01	0.00	-.01	-.01	-.01	-.01	0.00	-3.59	-3.26	.12	.89	-.24	-.22	0.00	.12
Ust	My	0.00	.02	.01	.01	.08	-.04	.01	0.00	.25	-.27	-1.07	-2.26	.02	-.01	-.11	-.29
Alt	My	.15	.14	-.02	.15	.18	-.03	.12	0.00	.19	.27	4.39	4.57	.01	.02	.67	.70
SB16	N	23.73	3.84			Material:E1			0.00	86.58	72.56	-11.06	-43.05	5.74	4.84	-.74	-5.52
Ust	Mx	.05	.01	.01	0.00	.01	.01	0.00	0.00	2.46	2.07	0.00	-.88	.16	.13	.02	-.11
Alt	Mx	-.03	-.01	0.00	-.01	-.01	-.01	-.01	0.00	-4.76	-4.12	-.72	.76	-.33	-.29	-.15	.09
Ust	My	.43	.26	-.02	.28	.27	.01	.23	0.00	.44	.44	2.05	2.05	.03	.03	.34	.35
Alt	My	.11	.10	-.02	.12	.11	-.01	.09	0.00	-.09	.43	6.72	7.93	-.01	.02	1.04	1.23
S617	N	2.86	.74			Material:E1			0.00	-.27	-.22	.74	.86	-.02	-.01	.10	.11
Ust	Mx	-.08	-.01	0.00	-.01	0.00	-.01	-.01	0.00	-1.01	-1.18	.28	-.08	-.06	-.07	.05	0.00
Alt	Mx	-.08	-.01	0.00	-.02	0.00	-.01	-.02	0.00	-.98	-1.14	.26	-.09	-.06	-.07	.04	-.01
Ust	My	-.15	-.08	-.04	-.04	-.06	-.06	-.05	0.00	-.25	.16	1.52	2.42	-.02	.01	.18	.31
Alt	My	-.15	-.08	-.03	-.06	-.06	-.05	-.06	0.00	-.24	.17	1.49	2.37	-.02	.01	.18	.30
S517	N	7.05	1.50			Material:E1			0.00	-1.29	-1.11	2.29	2.69	-.08	-.07	.30	.35
Ust	Mx	-.07	0.00	.01	-.01	.01	0.00	-.01	0.00	-.97	-1.13	.23	-.13	-.06	-.07	.04	-.01
Alt	Mx	-.06	0.00	0.00	0.00	.01	0.00	-.01	0.00	-.97	-1.14	.23	-.14	-.06	-.07	.04	-.01
Ust	My	-.13	-.07	-.03	-.05	-.04	-.05	-.07	0.00	-.22	.19	1.71	2.61	-.02	.01	.21	.34
Alt	My	-.13	-.07	-.04	-.04	-.03	-.06	-.06	0.00	-.21	.20	1.70	2.60	-.02	.01	.21	.34
S417	N	10.94	2.17			Material:E1			0.00	-2.48	-2.18	4.09	4.75	-.16	-.14	.54	.63
Ust	Mx	-.03	.01	0.00	0.00	.01	0.00	0.00	0.00	-.99	-1.16	.20	-.18	-.06	-.07	.04	-.02
Alt	Mx	-.02	.01	.01	0.00	.01	0.00	0.00	0.00	-1.00	-1.17	.20	-.19	-.06	-.07	.04	-.02
Ust	My	-.11	-.06	-.04	-.03	-.03	-.07	-.04	0.00	-.19	.22	1.90	2.82	-.02	.01	.24	.37
Alt	My	-.11	-.06	-.02	-.05	-.05	-.06	-.03	0.00	-.18	.23	1.89	2.80	-.02	.01	.24	.36
S317	N	14.53	2.77			Material:E1			0.00	-3.73	-3.40	5.78	6.51	-.23	-.21	.76	.87
Ust	Mx	-.01	.01	.01	0.00	.01	.01	0.00	0.00	-.98	-1.15	.16	-.22	-.06	-.07	.03	-.02
Alt	Mx	-.01	.01	.01	0.00	.01	.01	0.00	0.00	-.97	-1.14	.16	-.23	-.06	-.07	.03	-.02
Ust	My	-.08	-.05	-.02	-.04	-.05	-.04	-.03	0.00	-.15	.26	2.00	2.91	-.01	.01	.26	.39
Alt	My	-.08	-.05	-.03	-.03	-.05	-.03	-.04	0.00	-.14	.27	2.02	2.93	-.01	.01	.26	.39
S217	N	17.87	3.32			Material:E1			0.00	-5.66	-5.11	9.17	10.40	-.36	-.32	1.23	1.40
Ust	Mx	-.02	.02	.01	0.00	.02	.01	0.00	0.00	-1.71	-2.01	.23	-.45	-.10	-.12	.05	-.05
Alt	Mx	-.02	.02	.01	0.00	.01	.01	0.00	0.00	-1.70	-1.99	.22	-.44	-.10	-.12	.05	-.05
Ust	My	-.06	-.05	-.03	-.03	-.03	-.03	-.06	0.00	-.13	.36	2.54	3.65	-.01	.02	.34	.50
Alt	My	-.07	-.05	-.02	-.04	-.02	-.04	-.05	0.00	-.14	.36	2.58	3.69	-.01	.02	.34	.50
S117	N	21.04	3.82			Material:E1			0.00	-8.92	-8.02	14.44	16.47	-.56	-.51	1.98	2.26
Ust	Mx	.02	.03	.03	0.00	.02	.02	.02	0.00	-2.53	-2.98	.25	-.76	-.16	-.18	.06	-.09
Alt	Mx	.08	.04	.03	.01	.02	.03	.02	0.00	-2.58	-3.03	.27	-.75	-.16	-.19	.06	-.09
Ust	My	-.04	-.05	-.01	-.04	-.02	-.05	-.03	0.00	-.12	.43	2.95	4.19	-.01	.02	.40	.59
Alt	My	-.04	-.05	-.03	-.03	-.04	-.05	-.02	0.00	-.12	.43	2.98	4.22	-.01	.02	.41	.59
SA17	N	23.96	4.25			Material:E1			0.00	-11.87	-10.77	18.79	21.26	-.75	-.69	2.61	2.96
Ust	Mx	.09	.03	.01	.01	.01	.03	.01	0.00	-1.28	-1.51	.04	-.49	-.08	-.09	.02	-.06
Alt	Mx	.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.24	-.28	.03	-.05	-.01	-.02	.01	0.00
Ust	My	0.00	-.02	-.02	0.00	-.03	-.01	0.00	0.00	-.04	.24	1.59	2.23	-.01	.01	.22	.32
Alt	My	0.00	0.00	0.00	0.00	-.01	.01	.01	0.00	-.01	.03	.21	.30	0.00	0.00	.03	.04
SZ17	N	24.34	4.25			Material:E1			0.00	-11.87	-10.77	18.79	21.26	-.75	-.69	2.61	2.96
Ust	Mx	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.24	.28	-.03	.05	.01	.02	-.01	0.00
Alt	Mx	0.00	.02	.01	.01	.01	.01	.01	0.00	-.59	-.70	.04	-.19	-.04	-.05	.01	-.02
Ust	My	0.00	0.00	0.00	0.00	.01	-.01	-.01	0.00	.01	-.03	-.21	-.30	0.00	0.00	-.03	-.04
Alt	My	-.03	-.02	-.02	.01	.01	-.03	-.02	0.00	-.03	.08	.66	.91	0.00	0.00	.10	.14
SB17	N	27.65	5.04			Material:E1			0.00	-13.15	-12.00	20.74	23.34	-.84	-.77	2.92	3.29
Ust	Mx	.01	.03	.01	.01	.02	.02	.02	0.00	-.74	-.88	.07	-.26	-.05	-.06	.02	-.03
Alt	Mx	.01	.02	.01	.01	.01	.01	.01	0.00	-.84	-.98	.12	-.20	-.05	-.06	.03	-.02
Ust	My	-.04	-.03	-.04	.01	.01	-.04	-.03	0.00	-.02	.13	.93	1.29	0.00	.01	.14	.20
Alt	My	-.03	-.02	-.02	0.00	0.00	-.02	-.02	0.00	-.06	.10	1.00	1.37	-.01	.01	.15	.21
S618	N	4.73	1.34			Material:E1			0.00	-2.87	-2.40	1.51	2.54	-.18	-.15	.18	.32
Ust	Mx	-.04	-.01	0.00	-.01	0.00	-.01	-.01	0.00	-.33	-.39	.10	-.03	-.02	-.02	.02	0.00
Alt	Mx	-.03	-.01	0.00	-.01	0.00	-.01	-.01	0.00	-.27	-.32	.08	-.03	-.02	-.02	.01	0.00
Ust	My	.03	-.01	0.00	-.03	.01	-.03	-.02	0.00	-.63	-.14	1.82	2.90	-.04	-.01	.22	.37
Alt	My	.03	-.01	-.01	-.01	0.00	-.04	0.00	0.00	-.62	-.13	1.83	2.90	-.04	-.01	.22	.37

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S601	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	0.00	-.01	.01	0.00	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	.01	-.01	0.00	0.00	0.00	0.00
	Tyu	-.15	-.06	-.03	-.03	-.05	-.04	-.03	0.00	-.03	-.15	.53	.27	0.00	-.01	.08	.04
	Tya	.15	.06	.03	.03	.05	.04	.03	0.00	.03	.15	-.53	-.27	0.00	.01	-.08	-.04
S501	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.02	-.01	0.00	0.00	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	.02	.01	0.00	0.00	0.00	0.00	0.00
	Tyu	-.10	-.04	-.02	-.02	-.02	-.02	-.04	0.00	-.02	-.13	.48	.25	0.00	-.01	.07	.04
	Tya	.10	.04	.02	.02	.02	.02	.04	0.00	.02	.13	-.48	-.25	0.00	.01	-.07	-.04
S401	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.03	-.03	0.00	.01	0.00	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.03	.03	0.00	-.01	0.00	0.00	0.00	0.00
	Tyu	-.09	-.04	-.02	-.02	-.02	-.03	-.02	0.00	-.02	-.14	.57	.31	0.00	-.01	.08	.05
	Tya	.09	.04	.02	.02	.02	.03	.02	0.00	.02	.14	-.57	-.31	0.00	.01	-.08	-.05
S301	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.04	-.04	-.01	0.00	0.00	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.04	.04	.01	0.00	0.00	0.00	0.00	0.00
	Tyu	-.14	-.06	-.03	-.03	-.06	-.03	-.03	0.00	-.04	-.27	1.17	.67	0.00	-.01	.17	.10
	Tya	.14	.06	.03	.03	.06	.03	.03	0.00	.04	.27	-1.17	-.67	0.00	.01	-.17	-.10
S201	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.05	-.05	0.00	0.00	0.00	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.05	0.00	0.00	0.00	0.00	0.00	0.00
	Tyu	-.14	-.05	-.03	-.02	-.02	-.03	-.05	0.00	-.04	-.26	1.19	.70	0.00	-.01	.18	.11
	Tya	.14	.05	.03	.02	.02	.03	.05	0.00	.04	.26	-1.19	-.70	0.00	.01	-.18	-.11
S101	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.12	-.12	.01	.02	-.01	-.01	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.12	.12	-.01	-.02	.01	.01	0.00	0.00
	Tyu	-.12	-.05	-.02	-.03	-.02	-.05	-.02	0.00	-.06	-.30	1.39	.83	0.00	-.02	.22	.14
	Tya	.12	.05	.02	.03	.02	.05	.02	0.00	.06	.30	-1.39	-.83	0.00	.02	-.22	-.14
SA01	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.17	-.17	-.04	-.03	-.01	-.01	-.01	-.01
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.17	.17	.04	.03	.01	.01	.01	.01
	Tyu	-.22	-.10	-.06	-.03	-.10	-.04	-.04	0.00	-.13	-.61	2.74	1.65	0.00	-.03	.44	.27
	Tya	.22	.10	.06	.03	.10	.04	.04	0.00	.13	.61	-2.74	-1.65	0.00	.03	-.44	-.27
SZ01	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.34	-.36	-.05	-.09	-.02	-.02	-.01	-.01
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.34	.36	.05	.09	.02	.02	.01	.01
	Tyu	-.25	-.08	-.03	-.05	-.03	-.04	-.09	0.00	-.06	-.49	2.54	1.56	0.00	-.03	.41	.27
	Tya	.25	.08	.03	.05	.03	.04	.09	0.00	.06	.49	-2.54	-1.56	0.00	.03	-.41	-.27
SB01	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.25	-.28	.08	.01	-.02	-.02	.02	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.25	.28	-.08	-.01	.02	.02	-.02	0.00
	Tyu	-.07	-.03	-.04	.02	.01	-.04	-.02	0.00	.02	-.17	1.33	.89	0.00	-.01	.22	.15
	Tya	.07	.03	.04	-.02	-.01	.04	.02	0.00	-.02	.17	-1.33	-.89	0.00	.01	-.22	-.15
S602	Txu	-.03	-.05	-.02	-.03	-.04	-.04	-.03	0.00	-.41	-.37	-.09	-.01	-.03	-.02	-.01	0.00
	Txa	.03	.05	.02	.03	.04	.04	.03	0.00	.41	.37	.09	.01	.03	.02	.01	0.00
	Tyu	-.26	-.07	-.02	-.04	0.00	-.07	-.04	0.00	-.13	-.45	2.03	1.33	0.00	-.02	.29	.19
	Tya	.26	.07	.02	.04	0.00	.07	.04	0.00	.13	.45	-2.03	-1.33	0.00	.02	-.29	-.19
S502	Txu	-.05	-.10	-.04	-.05	-.06	-.06	-.06	0.00	-.74	-.68	-.15	-.02	-.05	-.04	-.02	-.01
	Txa	.05	.10	.04	.05	.06	.06	.06	0.00	.74	.68	.15	.02	.05	.04	.02	.01
	Tyu	-.31	-.08	-.03	-.04	-.08	-.05	-.01	0.00	-.15	-.55	2.77	1.88	-.01	-.03	.40	.27
	Tya	.31	.08	.03	.04	.08	.05	.01	0.00	.15	.55	-2.77	-1.88	.01	.03	-.40	-.27
S402	Txu	-.03	-.07	-.03	-.04	-.04	-.05	-.04	0.00	-.73	-.68	-.13	-.01	-.05	-.04	-.02	0.00
	Txa	.03	.07	.03	.04	.04	.05	.04	0.00	.73	.68	.13	.01	.05	.04	.02	0.00
	Tyu	-.22	-.05	-.02	-.03	-.03	.01	-.06	0.00	-.13	-.51	2.76	1.92	0.00	-.03	.40	.28
	Tya	.22	.05	.02	.03	.03	-.01	.06	0.00	.13	.51	-2.76	-1.92	0.00	.03	-.40	-.28
S302	Txu	.09	-.06	-.03	-.03	-.04	-.04	-.02	0.00	-1.47	-1.37	-.23	-.01	-.09	-.08	-.04	-.01
	Txa	-.09	.06	.03	.03	.04	.04	.02	0.00	1.47	1.37	.23	.01	.09	.08	.04	.01
	Tyu	-.55	-.11	-.05	-.04	.07	-.17	-.08	0.00	-.40	-1.65	9.44	6.65	-.01	-.09	1.38	.99
	Tya	.55	.11	.05	.04	-.07	.17	.08	0.00	.40	1.65	-9.44	-6.65	.01	.09	-1.38	-.99
S202	Txu	.09	-.09	-.04	-.04	-.07	-.02	-.06	0.00	-2.25	-2.13	-.30	-.02	-.14	-.13	-.05	-.01
	Txa	-.09	.09	.04	.04	.07	.02	.06	0.00	2.25	2.13	.30	.02	.14	.13	.05	.01
	Tyu	-.57	-.13	-.04	-.07	-.20	-.09	.06	0.00	-.43	-1.77	10.54	7.51	-.01	-.10	1.57	1.14
	Tya	.57	.13	.04	.07	.20	.09	-.06	0.00	.43	1.77	-10.54	-7.51	.01	.10	-1.57	-1.14
S102	Txu	.14	-.06	-.03	-.03	0.00	-.05	-.06	0.00	-2.24	-2.14	-.24	-.01	-.14	-.14	-.04	-.01
	Txa	-.14	.06	.03	.03	0.00	.05	.06	0.00	2.24	2.14	.24	.01	.14	.14	.04	.01
	Tyu	-.45	-.10	-.07	-.02	-.07	.09	-.19	0.00	-.38	-1.65	10.22	7.34	-.01	-.09	1.57	1.15
	Tya	.45	.10	.07	.02	.07	-.09	.19	0.00	.38	1.65	-10.22	-7.34	.01	.09	-1.57	-1.15
SA02	Txu	.11	-.05	-.01	-.03	-.02	-.09	.02	0.00	-2.96	-2.85	-.22	.02	-.19	-.18	-.04	0.00
	Txa	-.11	.05	.01	.03	.02	.09	-.02	0.00	2.96	2.85	.22	-.02	.19	.18	.04	0.00
	Tyu	-.17	-.01	.13	-.12	.24	-.11	-.11	0.00	-.45	-2.07	13.57	9.87	-.01	-.11	2.12	1.57
	Tya	.17	.01	-.13	.12	-.24	.11	.11	0.00	.45	2.07	-13.57	-9.87	.01	.11	-2.12	-1.57
SZ02	Txu	.02	.01	.01	.01	-.01	.05	-.01	0.00	-2.51	-2.44	-.12	.05	-.17	-.16	-.02	0.00
	Txa	-.02	-.01	-.01	-.01	.01	-.05	.01	0.00	2.51	2.44	.12	-.05	.17	.16	.02	0.00
	Tyu	.17	.08	-.01	.10	-.08	.04	.21	0.00	-.35	-1.81	12.48	9.14	0.00	-.10	1.99	1.49
	Tya	-.17	-.08	.01	-.10	.08	-.04	-.21	0.00	.35	1.81	-12.48	-9.14	0.00	.10	-1.99	-1.49
SB02	Txu	.93	.32	.16	.16	.24	.24	.17	0.00	-2.55	-2.50	-.08	.03	-.18	-.17	-.01	0.00
	Txa	-.93	-.32	-.16	-.16	-.24	-.24	-.17	0.00	2.55	2.50	.08	-.03	.18	.17	.01	0.00
	Tyu	-.07	-.03	.16	-.18	-.14	.14	-.04	0.00	-.04	-.63	5.34	3.98	.01	-.03	.89	.67
	Tya	.07	.03	-.16	.18	.14	-.14	.04	0.00	.04	.63	-5.34	-3.98	-.01	.03	-.89	-.67
S603	Txu	-.08	-.07	-.03	-.04	-.04	-.05	-.04	0.00	-.77	-.66	-.11	.13	-.05	-.04	-.02	.01
	Txa	.08	.07	.03	.04	.04	.05	.04	0.00	.77	.66	.11	-.13	.05	.04	.02	-.01
	Tyu	.18	.15	.08	.07	.08	.13	.08	0.00	.10	-.16	1.66	1.10	.01	-.01	.24	.16
	Tya	-.18	-.15	-.08	-.07	-.08	-.13	-.08	0.00	-.10	.16	-1.66	-1.10	-.01	.01	-.24	-.16
S503	Txu	-.07	-.07	-.03	-.04	-.04	-.05	-.04	0.00	-.78	-.66	-.13	.12	-.05	-.04	-.02	.01
	Txa	.07	.07	.03	.04	.04	.05	.04	0.00	.78	.66	.13	-.12	.05	.04	.02	-.01
	Tyu	.17	.13	.07	.06	.12	.08	.06	0.00	.11	-.14	1.73	1.18	.01	-.01	.25	.17
	Tya	-.17	-.13	-.07	-.06	-.12	-.08	-.06	0.00	-.11	.14	-1.73	-1.18	-.01	.01	-.25	-.17
S403	Txu	-.07	-.06	-.03	-.03	-.03	-.04	-.04	0.00	-.81	-.69	-.15	.12	-.05	-.04	-.03	.01
	Txa	.07	.06	.03	.03	.03	.04	.04	0.00	.81	.69	.15	-.12	.05	.04	.03	-.01
	Tyu	.12	.10	.05	.05	.07	.05	.09	0.00	.14	-.11	1.86	1.30	.01	0.00	.27	.19
	Tya	-.12	-.10	-.05	-.05	-.07	-.05	-.09	0.00	-.14	.11	-1.86	-1.30	-.01	0.00	-.27	-.19
S303	Txu	-.12	-.09	-.04	-.05	-.05	-.06	-.05	0.00	-1.50	-1.27	-.27	.23	-.09	-.08	-.05	.02
	Txa	.12	.09	.04	.05	.05	.06	.05	0.00	1.50	1.27	.27	-.23	.09	.08	.05	-.02
	Tyu	.10	.10	.05	.05	.05	.10	.06	0.00	.19	-.13	2.40	1.70	.01	0.00	.35	.25
	Tya	-.10	-.10	-.05	-.05	-.05	-.10	-.06	0.00	-.19	.13	-2.40	-1.70	-.01	0.00	-.35	-.25
S203	Txu	-.20	-.12	-.05	-.06	-.08	-.08	-.08	0.00	-2.24	-1.91	-.42	.34	-.14	-.12	-.08	.03
	Txa	.20	.12	.05	.06	.08	.08	.08	0.00	2.24	1.91	.42	-.34	.14	.12	.08	-.03
	Tyu	.12	.11	.05	.05	.11	.06	.04	0.00	.21	-.15	2.82	2.03	.02	-.01	.42	.31
	Tya	-.12	-.11	-.05	-.05	-.11	-.06	-.04	0.00	-.21	.15	-2.82	-2.03	-.02	.01	-.42	-.31
S103	Txu	-.15	-.09	-.04	-.05	-.05	-.06	-.06	0.00	-1.95	-1.65	-.35	.32	-.13	-.11	-.07	.03
	Txa	.15	.09	.04	.05	.05	.06	.06	0.00	1.95	1.65	.35	-.32	.13	.11	.07	-.03
	Tyu	.09	.08	.05	.04	.05	.03	.09	0.00	.17	-.13	2.48	1.79	.01	0.00	.38	.28
	Tya	-.09	-.08	-.05	-.04	-.05	-.03	-.09	0.00	-.17	.13	-2.48	-1.79	-.01	0.00	-.38	-.28
SA03	Txu	-.16	-.11	-.04	-.06	-.06	-.08	-.07	0.00	-2.91	-2.47	-.37	.64	-.19	-.16	-.08	.07
	Txa	.16	.11	.04	.06	.06	.08	.07	0.00	2.91	2.47	.37	-.64	.19	.16	.08	-.07
	Tyu	.07	.11	.03	.09	.01	.13	.08	0.00	.34	-.27	5.17	3.78	.03	-.01	.81	.60
	Tya	-.07	-.11	-.03	-.09	-.01	-.13	-.08	0.00	-.34	.27	-5.17	-3.78	-.03	.01	-.81	-.60
SZ03	Txu	.04	-.05	-.02	-.03	-.03	-.03	-.03	0.00	-2.41	-2.05	-.25	.59	-.16	-.14	-.06	.07
	Txa	-.04	.05	.02	.03	.03	.03	.03	0.00	2.41	2.05	.25	-.59	.16	.14	.06	-.07
	Tyu	.28	.12	.07	.05	.15	.05	.05	0.00	.27	-.24	4.42	3.24	.02	-.01	.70	.52
	Tya	-.28	-.12	-.07	-.05	-.15	-.05	-.05	0.00	-.27	.24	-4.42	-3.24	-.02	.01	-.70	-.52
SB03	Txu	.18	0.00	.01	0.00	0.00	.01	0.00	0.00	-1.37	-1.16	-.23	.24	-.09	-.08	-.05	.03
	Txa	-.18	0.00	-.01	0.00	0.00	-.01	0.00	0.00	1.37	1.16	.23	-.24	.09	.08	.05	-.03
	Tyu	.30	.09	-.02	.11	.09	-.02	.10	0.00	.09	-.06	1.36	1.01	.01	0.00	.23	.17
	Tya	-.30	-.09	.02	-.11	-.09	.02	-.10	0.00	-.09	.06	-1.36	-1.01	-.01	0.00	-.23	-.17
SÇ04	Txu	.09	.02	.01	.01	0.00	.01	.01	0.00	-.75	-.87	.11	-.12	-.05	-.06	.02	-.01
	Txa	-.09	-.02	-.01	-.01	0.00	-.01	-.01	0.00	.75	.87	-.11	.12	.05	.06	-.02	.01
	Tyu	-.38	-.12	-.06	-.05	-.07	-.10	-.06	0.00	.16	.07	1.25	1.11	.01	.01	.17	.15
	Tya	.38	.12	.06	.05	.07	.10	.06	0.00	-.16	-.07	-1.25	-1.11	-.01	-.01	-.17	-.15
S604	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.01	-.01	.01	0.00	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	.01	.01	-.01	0.00	0.00	0.00	0.00
	Tyu	-.13	-.05	-.02	-.02	-.04	-.03	-.02	0.00	.01	.01	.34	.34	0.00	0.00	.05	.05

FŸRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S404	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.09	-.08	-.01	.01	-.01	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.09	.08	.01	-.01	.01	0.00	0.00	0.00
	Tyu	-.19	-.07	-.03	-.03	-.03	-.07	-.03	0.00	.04	.06	.90	.94	0.00	0.00	.12	.13
	Tya	.19	.07	.03	.03	.03	.07	.03	0.00	-.04	-.06	-.90	-.94	0.00	0.00	-.12	-.13
S304	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.12	-.11	-.02	.01	-.01	-.01	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.12	.11	.02	-.01	.01	.01	0.00	0.00
	Tyu	-.27	-.10	-.04	-.05	-.10	-.04	-.05	0.00	.09	.10	1.69	1.74	.01	.01	.23	.24
	Tya	.27	.10	.04	.05	.10	.04	.05	0.00	-.09	-.10	-1.69	-1.74	-.01	-.01	-.23	-.24
S2ρ4	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.24	-.22	-.02	.02	-.01	-.01	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.24	.22	.02	-.02	.01	.01	0.00	0.00
	Tyu	-.31	-.11	-.06	-.05	-.04	-.06	-.11	0.00	.11	.11	2.11	2.12	.01	.01	.30	.30
	Tya	.31	.11	.06	.05	.04	.06	.11	0.00	-.11	-.11	-2.11	-2.12	-.01	-.01	-.30	-.30
S104	Txu	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.64	-.63	.05	.08	-.04	-.04	.01	.01
	Txa	.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.64	.63	-.05	-.08	.04	.04	-.01	-.01
	Tyu	-.31	-.11	-.05	-.06	-.05	-.12	-.05	0.00	.14	.13	2.65	2.63	.01	.01	.39	.39
	Tya	.31	.11	.05	.06	.05	.12	.05	0.00	-.14	-.13	-2.65	-2.63	-.01	-.01	-.39	-.39
SA04	Txu	-.02	0.00	0.00	0.00	-.01	0.00	0.00	0.00	-1.04	-1.04	-.22	-.22	-.07	-.07	-.03	-.03
	Txa	.02	0.00	0.00	0.00	.01	0.00	0.00	0.00	1.04	1.04	.22	.22	.07	.07	.03	.03
	Tyu	-.42	-.15	-.08	-.07	-.16	-.06	-.08	0.00	.15	.17	3.27	3.31	.01	.01	.49	.50
	Tya	.42	.15	.08	.07	.16	.06	.08	0.00	-.15	-.17	-3.27	-3.31	-.01	-.01	-.49	-.50
SZ04	Txu	-.02	0.00	0.00	0.00	0.00	-.01	0.00	0.00	-1.61	-1.71	-.19	-.44	-.11	-.12	-.02	-.07
	Txa	.02	0.00	0.00	0.00	0.00	.01	0.00	0.00	1.61	1.71	.19	.44	.11	.12	.02	.07
	Tyu	-.26	-.12	-.03	-.09	-.06	-.05	-.14	0.00	.13	.12	2.85	2.83	.01	.01	.44	.44
	Tya	.26	.12	.03	.09	.06	.05	.14	0.00	-.13	-.12	-2.85	-2.83	-.01	-.01	-.44	-.44
SB04	Txu	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-1.53	.42	.05	-.10	-.11	.08	.01
	Txa	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	1.53	-.42	-.05	.10	.11	-.08	-.01
	Tyu	-.01	-.05	-.10	.05	.03	-.09	-.04	0.00	.11	.03	2.46	2.27	.01	0.00	.40	.37
	Tya	.01	.05	.10	-.05	-.03	.09	.04	0.00	-.11	-.03	-2.46	-2.27	-.01	0.00	-.40	-.37
SÇ05	Txu	-.17	-.06	-.03	-.04	-.04	-.05	-.03	0.00	-.95	-.88	-.20	-.06	-.07	-.07	-.03	-.01
	Txa	.17	.06	.03	.04	.04	.05	.03	0.00	.95	.88	.20	.06	.07	.07	.03	.01
	Tyu	-.65	-.08	.02	-.09	.01	-.01	-.13	0.00	.79	.31	5.45	4.54	.06	.02	.75	.63
	Tya	.65	.08	-.02	.09	-.01	.01	.13	0.00	-.79	-.31	-5.45	-4.54	-.06	-.02	-.75	-.63
S605	Txu	-.46	-.14	-.06	-.08	-.08	-.11	-.09	0.00	-1.06	-.90	-.23	.11	-.07	-.06	-.04	.01
	Txa	.46	.14	.06	.08	.08	.11	.09	0.00	1.06	.90	.23	-.11	.07	.06	.04	-.01
	Tyu	-.70	-.08	-.02	-.04	.07	-.13	-.07	0.00	.78	.26	6.07	4.94	.05	.02	.85	.69
	Tya	.70	.08	.02	.04	-.07	.13	.07	0.00	-.78	-.26	-6.07	-4.94	-.05	-.02	-.85	-.69
S505	Txu	-.93	-.26	-.12	-.13	-.15	-.20	-.15	0.00	-2.37	-2.06	-.50	.20	-.15	-.13	-.08	.01
	Txa	.93	.26	.12	.13	.15	.20	.15	0.00	2.37	2.06	.50	-.20	.15	.13	.08	-.01
	Tyu	-.89	-.09	-.05	-.03	-.16	-.08	.08	0.00	1.10	.32	9.72	8.03	.08	.03	1.36	1.13
	Tya	.89	.09	.05	.03	.16	.08	-.08	0.00	-1.10	-.32	-9.72	-8.03	-.08	-.03	-1.36	-1.13
S405	Txu	-.63	-.17	-.07	-.09	-.12	-.10	-.11	0.00	-1.79	-1.58	-.32	.13	-.11	-.10	-.06	.01
	Txa	.63	.17	.07	.09	.12	.10	.11	0.00	1.79	1.58	.32	-.13	.11	.10	.06	-.01
	Tyu	-.74	-.07	-.02	-.04	-.04	.09	-.16	0.00	1.07	.33	10.16	8.53	.07	.03	1.43	1.20
	Tya	.74	.07	.02	.04	.04	-.09	.16	0.00	-1.07	-.33	-10.16	-8.53	-.07	-.03	-1.43	-1.20
S305	Txu	-1.36	-.35	-.17	-.17	-.20	-.22	-.26	0.00	-2.62	-2.39	-.37	.13	-.16	-.15	-.06	.01
	Txa	1.36	.35	.17	.17	.20	.22	.26	0.00	2.62	2.39	.37	-.13	.16	.15	.06	-.01
	Tyu	-.59	-.02	-.03	.02	.16	-.14	-.05	0.00	1.22	.39	12.00	10.15	.08	.03	1.71	1.45
	Tya	.59	.02	.03	-.02	-.16	.14	.05	0.00	-1.22	-.39	-12.00	-10.15	-.08	-.03	-1.71	-1.45
S205	Txu	-.89	-.25	-.11	-.13	-.11	-.24	-.13	0.00	-3.50	-3.25	-.42	.14	-.22	-.20	-.07	.01
	Txa	.89	.25	.11	.13	.11	.24	.13	0.00	3.50	3.25	.42	-.14	.22	.20	.07	-.01
	Tyu	-.62	0.00	.04	-.03	-.17	-.04	.25	0.00	1.71	.51	17.95	15.24	.12	.04	2.62	2.23
	Tya	.62	0.00	-.04	.03	.17	.04	-.25	0.00	-1.71	-.51	-17.95	-15.24	-.12	-.04	-2.62	-2.23
S105	Txu	-.65	-.16	-.08	-.08	-.16	-.08	-.06	0.00	-3.53	-3.38	-.28	.06	-.23	-.22	-.05	0.00
	Txa	.65	.16	.08	.08	.16	.08	.06	0.00	3.53	3.38	.28	-.06	.23	.22	.05	0.00
	Tyu	-.34	.03	-.03	.07	-.03	.27	-.16	0.00	1.24	.29	14.52	12.36	.09	.03	2.18	1.87
	Tya	.34	-.03	.03	-.07	.03	-.27	.16	0.00	-1.24	-.29	-14.52	-12.36	-.09	-.03	-2.18	-1.87
SA05	Txu	-.16	-.01	0.00	0.00	.05	.05	-.10	0.00	-4.09	-3.95	-.22	.10	-.26	-.25	-.04	.01
	Txa	.16	.01	0.00	0.00	-.05	-.05	.10	0.00	4.09	3.95	.22	-.10	.26	.25	.04	-.01
	Tyu	.08	.20	.14	.07	.52	-.21	.10	0.00	1.62	.32	21.38	18.41	.12	.03	3.28	2.84
	Tya	-.08	-.20	-.14	-.07	-.52	.21	-.10	0.00	-1.62	-.32	-21.38	-18.41	-.12	-.03	-3.28	-2.84
SZ05	Txu	-.33	-.01	0.00	0.00	.04	-.09	.04	0.00	-4.90	-4.82	-.07	.10	-.33	-.32	-.01	.01
	Txa	.33	.01	0.00	0.00	-.04	.09	-.04	0.00	4.90	4.82	.07	-.10	.33	.32	.01	-.01
	Tyu	-.08	.10	-.11	.22	-.15	-.04	.40	0.00	1.01	.16	14.67	12.72	.08	.02	2.31	2.01
	Tya	.08	-.10	.11	-.22	.15	.04	-.40	0.00	-1.01	-.16	-14.67	-12.72	-.08	-.02	-2.31	-2.01
SB05	Txu	-1.90	-.39	-.19	-.19	-.33	-.30	-.15	0.00	-7.47	-7.37	-.09	.13	-.52	-.52	-.02	.01
	Txa	1.90	.39	.19	.19	.33	.30	.15	0.00	7.47	7.37	.09	-.13	.52	.52	.02	-.01
	Tyu	-.02	.03	.37	-.34	-.24	.34	-.04	0.00	.57	-.05	9.19	7.76	.05	0.00	1.51	1.28
	Tya	.02	-.03	-.37	.34	.24	-.34	.04	0.00	-.57	.05	-9.19	-7.76	-.05	0.00	-1.51	-1.28
SÇ06	Txu	-.38	-.10	-.05	-.06	-.07	-.06	-.07	0.00	-.92	-.72	-.36	.04	-.07	-.05	-.06	0.00
	Txa	.38	.10	.05	.06	.07	.06	.07	0.00	.92	.72	.36	-.04	.07	.05	.06	0.00
	Tyu	.18	.10	.03	.06	.04	.06	.09	0.00	.24	.04	1.78	1.40	.02	.01	.25	.19
	Tya	-.18	-.10	-.03	-.06	-.04	-.06	-.09	0.00	-.24	-.04	-1.78	-1.40	-.02	-.01	-.25	-.19
S606	Txu	-.27	-.07	-.03	-.04	-.04	-.05	-.05	0.00	-.86	-.71	-.18	.16	-.05	-.04	-.03	.01
	Txa	.27	.07	.03	.04	.04	.05	.05	0.00	.86	.71	.18	-.16	.05	.04	.03	-.01
	Tyu	.28	.13	.06	.07	.05	.12	.08	0.00	.22	.01	1.94	1.50	.02	0.00	.27	.21
	Tya	-.28	-.13	-.06	-.07	-.05	-.12	-.08	0.00	-.22	-.01	-1.94	-1.50	-.02	0.00	-.27	-.21
S506	Txu	-.91	-.22	-.10	-.12	-.14	-.16	-.14	0.00	-3.12	-2.58	-.61	.58	-.20	-.16	-.11	.06
	Txa	.91	.22	.10	.12	.14	.16	.14	0.00	3.12	2.58	.61	-.58	.20	.16	.11	-.06
	Tyu	.53	.25	.13	.11	.25	.15	.10	0.00	.46	0.00	4.87	3.85	.03	0.00	.69	.54
	Tya	-.53	-.25	-.13	-.11	-.25	-.15	-.10	0.00	-.46	0.00	-4.87	-3.85	-.03	0.00	-.69	-.54
S406	Txu	-.71	-.17	-.07	-.09	-.11	-.10	-.11	0.00	-2.58	-2.13	-.49	.50	-.16	-.14	-.09	.05
	Txa	.71	.17	.07	.09	.11	.10	.11	0.00	2.58	2.13	.49	-.50	.16	.14	.09	-.05
	Tyu	.45	.20	.09	.11	.12	.07	.21	0.00	.37	-.04	4.69	3.78	.03	0.00	.66	.54
	Tya	-.45	-.20	-.09	-.11	-.12	-.07	-.21	0.00	-.37	.04	-4.69	-3.78	-.03	0.00	-.66	-.54
S306	Txu	-1.90	-.46	-.21	-.24	-.26	-.31	-.32	0.00	-8.20	-6.82	-1.39	1.69	-.52	-.43	-.26	.17
	Txa	1.90	.46	.21	.24	.26	.31	.32	0.00	8.20	6.82	1.39	-1.69	.52	.43	.26	-.17
	Tyu	.55	.25	.14	.11	.09	.27	.14	0.00	.52	-.10	7.35	5.97	.04	0.00	1.05	.86
	Tya	-.55	-.25	-.14	-.11	-.09	-.27	-.14	0.00	-.52	.10	-7.35	-5.97	-.04	0.00	-1.05	-.86
S206	Txu	-.96	-.24	-.10	-.13	-.15	-.20	-.13	0.00	-6.48	-5.41	-1.01	1.40	-.41	-.35	-.20	.14
	Txa	.96	.24	.10	.13	.15	.20	.13	0.00	6.48	5.41	1.01	-1.40	.41	.35	.20	-.14
	Tyu	.47	.20	.09	.11	.24	.11	.06	0.00	.44	-.12	7.07	5.80	.03	0.00	1.04	.86
	Tya	-.47	-.20	-.09	-.11	-.24	-.11	-.06	0.00	-.44	.12	-7.07	-5.80	-.03	0.00	-1.04	-.86
S106	Txu	-1.48	-.31	-.16	-.15	-.23	-.19	-.19	0.00	-7.85	-6.58	-1.25	1.63	-.51	-.43	-.25	.17
	Txa	1.48	.31	.16	.15	.23	.19	.19	0.00	7.85	6.58	1.25	-1.63	.51	.43	.25	-.17
	Tyu	.51	.20	.12	.08	.12	.05	.24	0.00	.39	-.18	7.40	6.10	.03	-.01	1.12	.93
	Tya	-.51	-.20	-.12	-.08	-.12	-.05	-.24	0.00	-.39	.18	-7.40	-6.10	-.03	.01	-1.12	-.93
SA06	Txu	-1.42	-.29	-.12	-.17	-.15	-.17	-.26	0.00	-10.87	-9.13	-.82	3.16	-.71	-.60	-.22	.37
	Txa	1.42	.29	.12	.17	.15	.17	.26	0.00	10.87	9.13	.82	-3.16	.71	.60	.22	-.37
	Tyu	.71	.24	.10	.14	.07	.30	.12	0.00	.41	-.24	9.17	7.68	.03	-.01	1.41	1.19
	Tya	-.71	-.24	-.10	-.14	-.07	-.30	-.12	0.00	-.41	.24	-9.17	-7.68	-.03	.01	-1.41	-1.19
SZ06	Txu	-.58	-.10	-.05	-.05	-.04	-.13	-.03	0.00	-9.08	-7.64	-.34	2.98	-.61	-.52	-.13	.37
	Txa	.58	.10	.05	.05	.04	.13	.03	0.00	9.08	7.64	.34	-2.98	.61	.52	.13	-.37
	Tyu	.70	.24	.17	.08	.28	.13	.07	0.00	.29	-.18	6.91	5.85	.02	-.01	1.09	.93
	Tya	-.70	-.24	-.17	-.08	-.28	-.13	-.07	0.00	-.29	.18	-6.91	-5.85	-.02	.01	-1.09	-.93
SB06	Txu	-.78	-.12	-.05	-.07	-.12	-.10	-.02	0.00	-6.55	-5.52	-1.46	.92	-.47	-.39	-.29	.09
	Txa	.78	.12	.05	.07	.12	.10	.02	0.00	6.55	5.52	1.46	-.92	.47	.39	.29	-.09
	Tyu	.30	.12	-.06	.19	.14	-.05	.16	0.00	.16	-.10	3.70	3.10	.01	0.00	.61	.51
	Tya	-.30	-.12	.06	-.19	-.14	.05	-.16	0.00	-.16	.10	-3.70	-3.10	-.01	0.00	-.61	-.51
SÇ07	Txu	1.13	.31	.10	.19	.24	.15	.18	0.00	-10.20	-11.51	1.55	-1.08	-.68	-.76	.26	-.10
	Txa	-1.13	-.31	-.10	-.19	-.24	-.15	-.18	0.00	10.20	11.51	-1.55	1.08	.68	.76	-.26	.10
	Tyu	-4.03	-1.60	-.80	-.77	-1.15	-.96	-1.03	0.00	2.24	1.37	.65	.99	.17	.10	-.12	-.03
	Tya	4.03	1.60	.80	.77	1.15	.96	1.03	0.00	-2.24	-1.37	-.65	-.99	-.17	-.10	.12	.03
S607	Txu	1.51	.55	.26	.27	.36	.27	.44	0.00	-9.11	-10.16	1.10	-1.24	-.54	-.61	.21	-.12
	Txa	-1.51	-.55	-.26	-.27	-.36	-.27	-.44	0.00	9.11	10.16	-1.10	1.24	.54	.61	-.21	.12
	Tyu	-1.00	-.71	-.30	-.40	-.32	-.48	-.61	0.00	.21	.11	4.21	2.32	-.01	0.00	.58	.29

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S407	Txu	1.27	.45	.20	.23	.36	.30	.20	0.00	-9.02	-10.14	1.09	-1.39	-.54	-.61	.21	-.14
	Txa	-1.27	-.45	-.20	-.23	-.36	-.30	-.20	0.00	9.02	10.14	-1.09	1.39	.54	.61	-.21	.14
	Tyu	-1.02	-.79	-.38	-.40	-.56	-.38	-.63	0.00	1.31	.56	28.31	26.59	.09	.04	3.69	3.47
	Tya	1.02	.79	.38	.40	.56	.38	.63	0.00	-1.31	-.56	-28.31	-26.59	-.09	-.04	-3.69	-3.47
S307	Txu	1.16	.40	.20	.18	.27	.18	.32	0.00	-8.56	-9.66	.96	-1.49	-.52	-.59	.19	-.15
	Txa	-1.16	-.40	-.20	-.18	-.27	-.18	-.32	0.00	8.56	9.66	-.96	1.49	.52	.59	-.19	.15
	Tyu	-.53	-.68	-.34	-.34	-.37	-.53	-.47	0.00	1.48	.99	30.27	29.13	.09	.07	4.03	3.88
	Tya	.53	.68	.34	.34	.37	.53	.47	0.00	-1.48	-.99	-30.27	-29.13	-.09	-.07	-4.03	-3.88
S207	Txu	1.00	.34	.15	.18	.14	.27	.25	0.00	-7.78	-8.80	.84	-1.47	-.47	-.54	.17	-.16
	Txa	-1.00	-.34	-.15	-.18	-.14	-.27	-.25	0.00	7.78	8.80	-.84	1.47	.47	.54	-.17	.16
	Tyu	.18	-.50	-.24	-.27	-.42	-.33	-.26	0.00	1.53	.86	32.18	30.63	.10	.06	4.57	4.36
	Tya	-.18	.50	.24	.27	.42	.33	.26	0.00	-1.53	-.86	-32.18	-30.63	-.10	-.06	-4.57	-4.36
S107	Txu	.90	.30	.16	.13	.21	.23	.13	0.00	-6.86	-7.78	.70	-1.40	-.42	-.48	.15	-.15
	Txa	-.90	-.30	-.16	-.13	-.21	-.23	-.13	0.00	6.86	7.78	-.70	1.40	.42	.48	-.15	.15
	Tyu	.51	-.35	-.16	-.20	-.29	-.18	-.25	0.00	1.38	.21	36.62	33.91	.10	.03	5.70	5.29
	Tya	-.51	.35	.16	.20	.29	.18	.25	0.00	-1.38	-.21	-36.62	-33.91	-.10	-.03	-5.70	-5.29
SA07	Txu	.38	.17	.09	.07	.14	.08	.09	0.00	-5.21	-6.02	.31	-1.54	-.32	-.38	.09	-.18
	Txa	-.38	-.17	-.09	-.07	-.14	-.08	-.09	0.00	5.21	6.02	-.31	1.54	.32	.38	-.09	.18
	Tyu	.59	-.34	-.08	-.28	-.27	-.18	-.26	0.00	.74	.89	44.46	44.75	.05	.05	6.91	6.95
	Tya	-.59	.34	.08	.28	.27	.18	.26	0.00	-.74	-.89	-44.46	-44.75	-.05	-.05	-6.91	-6.95
SZ07	Txu	.18	.10	.07	.02	.01	.09	.06	0.00	-4.10	-4.75	.13	-1.37	-.26	-.31	.06	-.17
	Txa	-.18	-.10	-.07	-.02	-.01	-.09	-.06	0.00	4.10	4.75	-.13	1.37	.26	.31	-.06	.17
	Tyu	.59	-.22	-.01	-.23	-.25	-.06	-.16	0.00	.99	.76	56.71	56.13	.07	.05	9.14	9.02
	Tya	-.59	.22	.01	.23	.25	.06	.16	0.00	-.99	-.76	-56.71	-56.13	-.07	-.05	-9.14	-9.02
SB07	Txu	.36	.11	.07	.04	.04	.10	.07	0.00	-3.32	-3.77	.28	-.74	-.22	-.25	.07	-.09
	Txa	-.36	-.11	-.07	-.04	-.04	-.10	-.07	0.00	3.32	3.77	-.28	.74	.22	.25	-.07	.09
	Tyu	.41	-.04	.02	-.06	-.08	0.00	-.01	0.00	1.30	-.44	52.67	48.63	.11	-.01	9.02	8.35
	Tya	-.41	.04	-.02	.06	.08	0.00	.01	0.00	-1.30	.44	-52.67	-48.63	-.11	.01	-9.02	-8.35
SÇ08	Txu	.25	.09	.03	.06	.10	.03	.06	0.00	-.87	-.87	.06	.06	-.06	-.06	.01	.01
	Txa	-.25	-.09	-.03	-.06	-.10	-.03	-.06	0.00	.87	.87	-.06	-.06	.06	.06	-.01	-.01
	Tyu	-.32	-.09	-.04	-.05	-.06	-.06	-.07	0.00	.16	.07	2.20	2.03	.01	.01	.30	.28
	Tya	.32	.09	.04	.05	.06	.06	.07	0.00	-.16	-.07	-2.20	-2.03	-.01	-.01	-.30	-.28
S608	Txu	.41	.17	.08	.09	.10	.08	.17	0.00	-1.05	-1.06	.09	.07	-.06	-.06	.01	.01
	Txa	-.41	-.17	-.08	-.09	-.10	-.08	-.17	0.00	1.05	1.06	-.09	-.07	.06	.06	-.01	-.01
	Tyu	-.26	-.08	-.04	-.04	-.05	-.06	-.06	0.00	.13	.06	1.99	1.83	.01	0.00	.27	.25
	Tya	.26	.08	.04	.04	.05	.06	.06	0.00	-.13	-.06	-1.99	-1.83	-.01	0.00	-.27	-.25
S508	Txu	.76	.32	.16	.16	.14	.32	.17	0.00	-2.04	-2.07	.18	.13	-.13	-.13	.03	.02
	Txa	-.76	-.32	-.16	-.16	-.14	-.32	-.17	0.00	2.04	2.07	-.18	-.13	.13	.13	-.03	-.02
	Tyu	-.51	-.16	-.08	-.08	-.11	-.12	-.10	0.00	.29	.13	5.17	4.82	.02	.01	.71	.66
	Tya	.51	.16	.08	.08	.11	.12	.10	0.00	-.29	-.13	-5.17	-4.82	-.02	-.01	-.71	-.66
S408	Txu	.71	.29	.14	.15	.30	.16	.12	0.00	-1.84	-1.87	.16	.10	-.11	-.11	.02	.02
	Txa	-.71	-.29	-.14	-.15	-.30	-.16	-.12	0.00	1.84	1.87	-.16	-.10	.11	.11	-.02	-.02
	Tyu	-.39	-.13	-.07	-.07	-.09	-.08	-.09	0.00	.29	.13	5.56	5.22	.02	.01	.77	.72
	Tya	.39	.13	.07	.07	.09	.08	.09	0.00	-.29	-.13	-5.56	-5.22	-.02	-.01	-.77	-.72
S308	Txu	1.19	.49	.26	.22	.27	.20	.49	0.00	-2.79	-2.83	.22	.12	-.17	-.17	.03	.02
	Txa	-1.19	-.49	-.26	-.22	-.27	-.20	-.49	0.00	2.79	2.83	-.22	-.12	.17	.17	-.03	-.02
	Tyu	-.53	-.19	-.10	-.10	-.12	-.14	-.14	0.00	.52	.25	11.24	10.63	.03	.02	1.58	1.49
	Tya	.53	.19	.10	.10	.12	.14	.14	0.00	-.52	-.25	-11.24	-10.63	-.03	-.02	-1.58	-1.49
S208	Txu	1.42	.57	.24	.33	.22	.58	.34	0.00	-2.92	-2.98	.23	.08	-.18	-.18	.04	.01
	Txa	-1.42	-.57	-.24	-.33	-.22	-.58	-.34	0.00	2.92	2.98	-.23	-.08	.18	.18	-.04	-.01
	Tyu	-.45	-.17	-.09	-.09	-.12	-.13	-.11	0.00	.51	.23	12.46	11.83	.03	.02	1.79	1.70
	Tya	.45	.17	.09	.09	.12	.13	.11	0.00	-.51	-.23	-12.46	-11.83	-.03	-.02	-1.79	-1.70
S108	Txu	2.21	.87	.52	.34	.83	.54	.35	0.00	-3.74	-3.83	.28	.07	-.24	-.24	.05	.01
	Txa	-2.21	-.87	-.52	-.34	-.83	-.54	-.35	0.00	3.74	3.83	-.28	-.07	.24	.24	-.05	-.01
	Tyu	-.37	-.15	-.09	-.08	-.12	-.09	-.11	0.00	.49	.20	14.45	13.79	.03	.02	2.14	2.04
	Tya	.37	.15	.09	.08	.12	.09	.11	0.00	-.49	-.20	-14.45	-13.79	-.03	-.02	-2.14	-2.04
SA08	Txu	1.85	.72	.09	.62	.62	.06	.75	0.00	-2.97	-3.06	.13	-.07	-.19	-.19	.02	-.01
	Txa	-1.85	-.72	-.09	-.62	-.62	-.06	-.75	0.00	2.97	3.06	-.13	.07	.19	.19	-.02	.01
	Tyu	-.27	-.12	-.06	-.08	-.08	-.09	-.10	0.00	.52	.23	19.43	18.76	.04	.02	2.94	2.84
	Tya	.27	.12	.06	.08	.08	.09	.10	0.00	-.52	-.23	-19.43	-18.76	-.04	-.02	-2.94	-2.84
SZ08	Txu	1.37	.54	.15	.38	.41	.58	.08	0.00	-2.19	-2.29	-.01	-.24	-.14	-.15	0.00	-.03
	Txa	-1.37	-.54	-.15	-.38	-.41	-.58	-.08	0.00	2.19	2.29	.01	.24	.14	.15	0.00	.03
	Tyu	-.20	-.10	-.05	-.06	-.09	-.08	-.04	0.00	.39	.18	16.65	16.15	.03	.01	2.58	2.50
	Tya	.20	.10	.05	.06	.09	.08	.04	0.00	-.39	-.18	-16.65	-16.15	-.03	-.01	-2.58	-2.50
SB08	Txu	1.90	.74	.08	.65	.68	.70	.09	0.00	-3.52	-3.65	.20	-.10	-.24	-.25	.04	-.01
	Txa	-1.90	-.74	-.08	-.65	-.68	-.70	-.09	0.00	3.52	3.65	-.20	.10	.24	.25	-.04	.01
	Tyu	-.13	-.06	0.00	-.06	-.06	-.04	-.03	0.00	.17	.05	7.25	6.96	.01	0.00	1.16	1.11
	Tya	.13	.06	0.00	.06	.06	.04	.03	0.00	-.17	-.05	-7.25	-6.96	-.01	0.00	-1.16	-1.11
SÇ09	Txu	-.03	-.01	-.01	0.00	0.00	-.02	-.01	0.00	-1.21	-1.08	.03	.27	-.08	-.08	0.00	.03
	Txa	.03	.01	.01	0.00	0.00	.02	.01	0.00	1.21	1.08	-.03	-.27	.08	.08	0.00	-.03
	Tyu	.21	.11	.05	.06	.07	.06	.08	0.00	-.09	-.18	2.35	2.19	0.00	-.01	.32	.30
	Tya	-.21	-.11	-.05	-.06	-.07	-.06	-.08	0.00	.09	.18	-2.35	-2.19	0.00	.01	-.32	-.30
S609	Txu	.07	.07	.03	.03	.04	.02	.07	0.00	-2.27	-2.08	.14	.54	-.14	-.13	.01	.07
	Txa	-.07	-.07	-.03	-.03	-.04	-.02	-.07	0.00	2.27	2.08	-.14	-.54	.14	.13	-.01	-.07
	Tyu	.53	.30	.13	.14	.18	.18	.19	0.00	-.25	-.48	6.49	6.01	-.01	-.03	.89	.82
	Tya	-.53	-.30	-.13	-.14	-.18	-.18	-.19	0.00	.25	.48	-6.49	-6.01	.01	.03	-.89	-.82
S509	Txu	.05	.05	.03	.02	.02	.05	.03	0.00	-2.20	-2.02	.13	.53	-.14	-.13	.01	.06
	Txa	-.05	-.05	-.03	-.02	-.02	-.05	-.03	0.00	2.20	2.02	-.13	-.53	.14	.13	-.01	-.06
	Tyu	.45	.26	.12	.13	.17	.16	.16	0.00	-.24	-.46	7.07	6.59	-.01	-.03	.97	.91
	Tya	-.45	-.26	-.12	-.13	-.17	-.16	-.16	0.00	.24	.46	-7.07	-6.59	.01	.03	-.97	-.91
S409	Txu	.06	.06	.02	.03	.06	.03	.02	0.00	-2.10	-1.92	.11	.51	-.13	-.12	.01	.06
	Txa	-.06	-.06	-.02	-.03	-.06	-.03	-.02	0.00	2.10	1.92	-.11	-.51	.13	.12	-.01	-.06
	Tyu	.30	.22	.10	.10	.14	.12	.14	0.00	-.21	-.42	7.49	7.02	-.01	-.02	1.04	.97
	Tya	-.30	-.22	-.10	-.10	-.14	-.12	-.14	0.00	.21	.42	-7.49	-7.02	.01	.02	-1.04	-.97
S309	Txu	.12	.10	.05	.04	.06	.02	.09	0.00	-3.61	-3.29	.19	.89	-.23	-.21	.01	.11
	Txa	-.12	-.10	-.05	-.04	-.06	-.02	-.09	0.00	3.61	3.29	-.19	-.89	.23	.21	-.01	-.11
	Tyu	.21	.26	.12	.12	.15	.16	.16	0.00	-.29	-.63	12.85	12.11	-.02	-.04	1.80	1.70
	Tya	-.21	-.26	-.12	-.12	-.15	-.16	-.16	0.00	.29	.63	-12.85	-12.11	.02	.04	-1.80	-1.70
S209	Txu	.08	.09	.03	.05	.02	.09	.06	0.00	-3.85	-3.51	.19	.95	-.24	-.22	.01	.12
	Txa	-.08	-.09	-.03	-.05	-.02	-.09	-.06	0.00	3.85	3.51	-.19	-.95	.24	.22	-.01	-.12
	Tyu	.11	.33	.13	.16	.23	.19	.17	0.00	-.43	-.95	21.46	20.28	-.02	-.05	3.08	2.91
	Tya	-.11	-.33	-.13	-.16	-.23	-.19	-.17	0.00	.43	.95	-21.46	-20.28	.02	.05	-3.08	-2.91
S109	Txu	.09	.09	.05	.03	.08	.07	.02	0.00	-3.48	-3.17	.15	.87	-.22	-.20	0.00	.11
	Txa	-.09	-.09	-.05	-.03	-.08	-.07	-.02	0.00	3.48	3.17	-.15	-.87	.22	.20	0.00	-.11
	Tyu	-.17	.22	.09	.10	.16	.09	.14	0.00	-.38	-.89	21.67	20.50	-.02	-.05	3.20	3.03
	Tya	.17	-.22	-.09	-.10	-.16	-.09	-.14	0.00	.38	.89	-21.67	-20.50	.02	.05	-3.20	-3.03
SA09	Txu	-.05	.05	.03	.01	.05	.02	.03	0.00	-3.38	-3.04	.07	.85	-.22	-.20	-.01	.11
	Txa	.05	-.05	-.03	-.01	-.05	-.02	-.03	0.00	3.38	3.04	-.07	-.85	.22	.20	.01	-.11
	Tyu	-.48	.23	.04	.16	.13	.13	.15	0.00	-.51	-1.11	34.05	32.68	-.03	-.06	5.13	4.93
	Tya	.48	-.23	-.04	-.16	-.13	-.13	-.15	0.00	.51	1.11	-34.05	-32.68	.03	.06	-5.13	-4.93
SZ09	Txu	-.13	.04	.05	-.02	-.02	.09	.01	0.00	-2.89	-2.57	-.06	.67	-.19	-.17	-.03	.08
	Txa	.13	-.04	-.05	.02	.02	-.09	-.01	0.00	2.89	2.57	.06	-.67	.19	.17	.03	-.08
	Tyu	-.26	.15	.03	.10	.17	.07	.02	0.00	-.27	-.65	26.42	25.56	-.01	-.04	4.09	3.95
	Tya	.26	-.15	-.03	-.10	-.17	-.07	-.02	0.00	.27	.65	-26.42	-25.56	.01	.04	-4.09	-3.95
SB09	Txu	.08	.07	.04	.03	.03	.07	.03	0.00	-1.89	-1.73	-.01	.36	-.13	-.12	-.01	.05
	Txa	-.08	-.07	-.04	-.03	-.03	-.07	-.03	0.00	1.89	1.73	.01	-.36	.13	.12	.01	-.05
	Tyu	-.37	0.00	-.08	.08	.06	-.05	-.02	0.00	.02	-.34	14.96	14.11	.01	-.02	2.41	2.28
	Tya	.37	0.00	.08	-.08	-.06	.05	.02	0.00	-.02	.34	-14.96	-14.11	-.01	.02	-2.41	-2.28
SÇ10	Txu	-1.91	-.44	-.21	-.23	-.27	-.30	-.31	0.00	-3.87	-3.21	-1.09	.17	-.29	-.25	-.17	.01
	Txa	1.91	.44	.21	.23	.27	.30	.31	0.00	3.87	3.21	1.09	-.17	.29	.25	.17	-.01
	Tyu	1.07	.68	.30	.34	.44	.33	.52	0.00	-.92	-1.49	-.91	0.00	-.03	-.08	-.31	-.15
	Tya	-1.07	-.68	-.30	-.34	-.44	-.33	-.52	0.00	.92	1.49	.91	0.00	.03	.08	.31	.15
S610	Txu	-1.03	-.14	-.07	-.06	-.10	-.10	-.07	0.00	-3.24	-2.94	-.06	.66	-.19	-.17	-.03	.07
	Txa	1.03	.14	.07	.06	.10	.10	.07	0.00	3.24	2.94	.06	-.66	.19	.17	.03	-.07
	Tyu	1.04	.64	.31	.28	.45	.40	.34	0.00	-1.76	-1.67	1.22	-.36	-.13	-.11	.19	-.06

	Txa															
	Tyu	-2	-.54	-.22	-.30	-.26	-.45	-.33	0.00	-.69	.51	9.97	10.34	-.08	.02	1.40	1.41
	Tya	2.19	.54	.22	.30	.26	.45	.33	0.00	.69	-.51	-9.97	-10.34	.08	-.02	-1.40	-1.41
S611	Txu	1.54	.38	.21	.20	.22	.35	.23	0.00	-5.68	-6.38	1.22	-.35	-.33	-.37	.21	-.01
	Txa	-1.54	-.38	-.21	-.20	-.22	-.35	-.23	0.00	5.68	6.38	-1.22	.35	.33	.37	-.21	.01
	Tyu	-.78	-.32	-.13	-.15	-.11	-.24	-.21	0.00	1.61	2.11	18.88	21.61	.11	.13	2.31	2.71
	Tya	.78	.32	.13	.15	.11	.24	.21	0.00	-1.61	-2.11	-18.88	-21.61	-.11	-.13	-2.31	-2.71
S511	Txu	1.36	.33	.18	.17	.29	.23	.17	0.00	-5.91	-6.67	1.45	-.22	-.36	-.40	.24	.01
	Txa	-1.36	-.33	-.18	-.17	-.29	-.23	-.17	0.00	5.91	6.67	-1.45	.22	.36	.40	-.24	-.01
	Tyu	-.50	-.24	-.13	-.09	-.18	-.17	-.07	0.00	.40	1.33	23.72	25.60	.01	.07	3.16	3.42
	Tya	.50	.24	.13	.09	.18	.17	.07	0.00	-.40	-1.33	-23.72	-25.60	-.01	-.07	-3.16	-3.42
S411	Txu	1.11	.26	.15	.13	.16	.16	.24	0.00	-6.17	-6.96	1.58	-.16	-.37	-.42	.26	.02
	Txa	-1.11	-.26	-.15	-.13	-.16	-.16	-.24	0.00	6.17	6.96	-1.58	.16	.37	.42	-.26	-.02
	Tyu	-.37	-.21	-.10	-.08	-.16	-.06	-.13	0.00	.31	1.41	32.99	35.46	.01	.08	4.28	4.62
	Tya	.37	.21	.10	.08	.16	.06	.13	0.00	-.31	-1.41	-32.99	-35.46	-.01	-.08	-4.28	-4.62
S311	Txu	.89	.21	.12	.11	.10	.23	.13	0.00	-6.28	-7.07	1.65	-.11	-.38	-.43	.27	.02
	Txa	-.89	-.21	-.12	-.11	-.10	-.23	-.13	0.00	6.28	7.07	-1.65	.11	.38	.43	-.27	-.02
	Tyu	.08	-.12	-.07	-.03	-.03	-.08	-.09	0.00	.02	1.49	34.24	37.55	-.01	.08	4.52	4.97
	Tya	-.08	.12	.07	.03	.03	.08	.09	0.00	-.02	-1.49	-34.24	-37.55	.01	-.08	-4.52	-4.97
S211	Txu	.59	.13	.08	.06	.15	.09	.04	0.00	-6.13	-6.90	1.67	-.06	-.37	-.42	.28	.03
	Txa	-.59	-.13	-.08	-.06	-.15	-.09	-.04	0.00	6.13	6.90	-1.67	.06	.37	.42	-.28	-.03
	Tyu	.47	-.03	-.02	.02	0.00	-.04	.04	0.00	.35	1.67	33.80	36.82	.01	.09	4.69	5.12
	Tya	-.47	.03	.02	-.02	0.00	.04	-.04	0.00	-.35	-1.67	-33.80	-36.82	-.01	-.09	-4.69	-5.12
S111	Txu	.35	.06	.04	.03	.03	.01	.10	0.00	-5.99	-6.74	1.58	-.12	-.37	-.42	.27	.02
	Txa	-.35	-.06	-.04	-.03	-.03	-.01	-.10	0.00	5.99	6.74	-1.58	.12	.37	.42	-.27	-.02
	Tyu	.70	.04	.01	.06	.02	.05	.08	0.00	.22	1.40	35.36	38.10	0.00	.08	5.30	5.71
	Tya	-.70	-.04	-.01	-.06	-.02	-.05	-.08	0.00	-.22	-1.40	-35.36	-38.10	0.00	-.08	-5.30	-5.71
SA11	Txu	.23	.04	0.00	.05	-.04	.06	.08	0.00	-2.59	-2.91	.59	-.13	-.16	-.18	.10	0.00
	Txa	-.23	-.04	0.00	-.05	.04	-.06	-.08	0.00	2.59	2.91	-.59	.13	.16	.18	-.10	0.00
	Tyu	.69	.07	.01	.08	.03	.07	.06	0.00	-.25	1.67	31.22	35.68	-.04	.09	4.73	5.40
	Tya	-.69	-.07	-.01	-.08	-.03	-.07	-.06	0.00	.25	-1.67	-31.22	-35.68	.04	-.09	-4.73	-5.40
SZ11	Txu	-.12	-.04	-.05	.01	.04	-.08	-.04	0.00	-.54	-.62	.02	-.17	-.04	-.04	.01	-.02
	Txa	.12	.04	.05	-.01	-.04	.08	.04	0.00	.54	.62	-.02	.17	.04	.04	-.01	.02
	Tyu	.59	.08	.03	.06	.04	.04	.10	0.00	-.81	1.55	38.86	44.33	-.08	.08	6.18	7.05
	Tya	-.59	-.08	-.03	-.06	-.04	-.04	-.10	0.00	.81	-1.55	-38.86	-44.33	.08	-.08	-6.18	-7.05
SB11	Txu	-.07	-.04	-.08	.04	.04	-.09	-.02	0.00	-2.08	-2.36	.48	-.15	-.14	-.16	.09	-.01
	Txa	.07	.04	.08	-.04	-.04	.09	.02	0.00	2.08	2.36	-.48	.15	.14	.16	-.09	.01
	Tyu	.50	.07	.03	.06	.05	.02	.09	0.00	-.83	.65	47.84	51.30	-.08	.03	8.03	8.62
	Tya	-.50	-.07	-.03	-.06	-.05	-.02	-.09	0.00	.83	-.65	-47.84	-51.30	.08	-.03	-8.03	-8.62
SÇ12	Txu	.25	.09	.05	.04	.05	.08	.06	0.00	-.67	-.64	-.24	-.17	-.05	-.05	-.03	-.02
	Txa	-.25	-.09	-.05	-.04	-.05	-.08	-.06	0.00	.67	.64	.24	.17	.05	.05	.03	.02
	Tyu	.05	.01	0.00	.01	.01	.01	.01	0.00	0.00	.10	2.57	2.77	0.00	.01	.34	.37
	Tya	-.05	-.01	0.00	-.01	-.01	-.01	-.01	0.00	0.00	-.10	-2.57	-2.77	0.00	-.01	-.34	-.37
S612	Txu	.22	.06	.03	.03	.05	.04	.03	0.00	-.55	-.52	-.12	-.06	-.03	-.03	-.02	-.01
	Txa	-.22	-.06	-.03	-.03	-.05	-.04	-.03	0.00	.55	.52	.12	.06	.03	.03	.02	.01
	Tyu	.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.08	1.92	2.07	0.00	0.00	.26	.28
	Tya	-.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.01	-.08	-1.92	-2.07	0.00	0.00	-.26	-.28
S512	Txu	.47	.13	.07	.06	.09	.08	.10	0.00	-1.35	-1.28	-.27	-.13	-.08	-.08	-.04	-.02
	Txa	-.47	-.13	-.07	-.06	-.09	-.08	-.10	0.00	1.35	1.28	.27	.13	.08	.08	.04	.02
	Tyu	.03	0.00	0.00	0.00	0.00	0.00	.01	0.00	.01	.20	5.26	5.67	0.00	.01	.70	.76
	Tya	-.03	0.00	0.00	0.00	0.00	0.00	-.01	0.00	-.01	-.20	-5.26	-5.67	0.00	-.01	-.70	-.76
S412	Txu	.40	.11	.06	.05	.06	.09	.07	0.00	-1.38	-1.31	-.24	-.09	-.08	-.08	-.04	-.02
	Txa	-.40	-.11	-.06	-.05	-.06	-.09	-.07	0.00	1.38	1.31	.24	.09	.08	.08	.04	.02
	Tyu	.01	-.01	0.00	0.00	0.00	0.00	0.00	0.00	-.01	.19	5.73	6.18	0.00	.01	.77	.84
	Tya	-.01	.01	0.00	0.00	0.00	0.00	0.00	0.00	.01	-.19	-5.73	-6.18	0.00	-.01	-.77	-.84
S312	Txu	.42	.11	.06	.06	.09	.08	.06	0.00	-1.61	-1.53	-.23	-.06	-.10	-.10	-.04	-.01
	Txa	-.42	-.11	-.06	-.06	-.09	-.08	-.06	0.00	1.61	1.53	.23	.06	.10	.10	.04	.01
	Tyu	0.00	-.02	-.01	0.00	0.00	-.01	0.00	0.00	-.05	.31	9.95	10.77	-.01	.02	1.37	1.48
	Tya	0.00	.02	.01	0.00	0.00	.01	0.00	0.00	.05	-.31	-9.95	-10.77	.01	-.02	-1.37	-1.48
S212	Txu	.49	.13	.07	.06	.08	.07	.11	0.00	-2.56	-2.44	-.27	-.01	-.16	-.15	-.04	-.01
	Txa	-.49	-.13	-.07	-.06	-.08	-.07	-.11	0.00	2.56	2.44	.27	.01	.16	.15	.04	.01
	Tyu	-.02	-.03	-.01	-.01	-.02	-.02	-.01	0.00	-.07	.35	11.20	12.15	-.01	.02	1.58	1.72
	Tya	.02	.03	.01	.01	.02	.02	.01	0.00	.07	-.35	-11.20	-12.15	.01	-.02	-1.58	-1.72
S112	Txu	.42	.10	.05	.05	.04	.09	.07	0.00	-2.79	-2.67	-.20	.06	-.18	-.17	-.03	0.00
	Txa	-.42	-.10	-.05	-.05	-.04	-.09	-.07	0.00	2.79	2.67	.20	-.06	.18	.17	.03	0.00
	Tyu	-.05	-.05	-.03	-.01	-.03	-.03	-.03	0.00	-.13	.50	15.94	17.38	-.02	.02	2.31	2.53
	Tya	.05	.05	.03	.01	.03	.03	.03	0.00	.13	-.50	-15.94	-17.38	.02	-.02	-2.31	-2.53
SA12	Txu	.64	.14	.10	.05	.10	.13	.05	0.00	-1.71	-1.65	-.09	.06	-.11	-.11	-.02	.01
	Txa	-.64	-.14	-.10	-.05	-.10	-.13	-.05	0.00	1.71	1.65	.09	-.06	.11	.11	.02	-.01
	Tyu	.01	-.02	-.01	-.01	0.00	-.01	-.01	0.00	-.06	.22	6.77	7.42	-.01	.01	.99	1.08
	Tya	-.01	.02	.01	.01	0.00	.01	.01	0.00	.06	-.22	-6.77	-7.42	.01	-.01	-.99	-1.08
SZ12	Txu	.42	.07	.05	.02	.02	.04	.09	0.00	-.49	-.46	-.01	.05	-.03	-.03	0.00	.01
	Txa	-.42	-.07	-.05	-.02	-.02	-.04	-.09	0.00	.49	.46	.01	-.05	.03	.03	0.00	-.01
	Tyu	.01	-.01	0.00	-.01	-.01	0.00	-.01	0.00	-.04	.07	1.98	2.23	0.00	0.00	.32	.36
	Tya	-.01	.01	0.00	.01	.01	0.00	.01	0.00	.04	-.07	-1.98	-2.23	0.00	0.00	-.32	-.36
SB12	Txu	.27	.05	.08	-.03	-.02	.04	.08	0.00	-2.13	-2.03	-.12	.09	-.14	-.14	-.02	.01
	Txa	-.27	-.05	-.08	.03	.02	-.04	-.08	0.00	2.13	2.03	.12	-.09	.14	.14	.02	-.01
	Tyu	.01	-.02	-.01	-.01	-.02	-.01	-.02	0.00	-.11	.22	7.79	8.56	-.01	.01	1.21	1.33
	Tya	-.01	.02	.01	.01	.02	.01	.02	0.00	.11	-.22	-7.79	-8.56	.01	-.01	-1.21	-1.33
SÇ13	Txu	-1.52	-.38	-.18	-.19	-.29	-.24	-.21	0.00	-9.53	-8.20	-1.59	1.08	-.66	-.58	-.27	.10
	Txa	1.52	.38	.18	.19	.29	.24	.21	0.00	9.53	8.20	1.59	-1.08	.66	.58	.27	-.10
	Tyu	5.66	1.42	.68	.73	.90	1.06	.85	0.00	-2.22	-1.55	3.53	2.69	-.17	-.11	.55	.39
	Tya	-5.66	-1.42	-.68	-.73	-.90	-1.06	-.85	0.00	2.22	1.55	-3.53	-2.69	.17	.11	-.55	-.39
S613	Txu	-.85	-.24	-.11	-.11	-.18	-.11	-.14	0.00	-8.22	-7.33	-.88	1.12	-.50	-.45	-.17	.11
	Txa	.85	.24	.11	.11	.18	.11	.14	0.00	8.22	7.33	.88	-1.12	.50	.45	.17	-.11
	Tyu	1.28	.40	.22	.19	.43	.11	.28	0.00	.60	.68	14.36	16.30	.06	.05	1.69	1.99

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S413	Txu	-.81	-.23	-.11	-.11	-.14	-.19	-.10	0.00	-8.63	-7.63	-.98	1.23	-.54	-.48	-.19	.12
	Txa	.81	.23	.11	.11	.14	.19	.10	0.00	8.63	7.63	.98	-1.23	.54	.48	.19	-.12
	Tyu	1.50	.51	.26	.26	.35	.49	.18	0.00	-1.20	-.57	28.16	29.60	-.08	-.04	3.62	3.81
	Tya	-1.50	-.51	-.26	-.26	-.35	-.49	-.18	0.00	1.20	.57	-28.16	-29.60	.08	.04	-3.62	-3.81
S313	Txu	-.71	-.20	-.10	-.09	-.17	-.08	-.12	0.00	-8.58	-7.59	-.88	1.33	-.54	-.48	-.17	.14
	Txa	.71	.20	.10	.09	.17	.08	.12	0.00	8.58	7.59	.88	-1.33	.54	.48	.17	-.14
	Tyu	1.32	.44	.21	.23	.40	.16	.32	0.00	-1.53	-.50	29.07	31.39	-.10	-.04	3.81	4.12
	Tya	-1.32	-.44	-.21	-.23	-.40	-.16	-.32	0.00	1.53	.50	-29.07	-31.39	.10	.04	-3.81	-4.12
S213	Txu	-.64	-.18	-.08	-.09	-.07	-.11	-.15	0.00	-8.12	-7.19	-.78	1.31	-.51	-.46	-.16	.14
	Txa	.64	.18	.08	.09	.07	.11	.15	0.00	8.12	7.19	.78	-1.31	.51	.46	.16	-.14
	Tyu	1.06	.33	.18	.17	.10	.28	.32	0.00	-1.09	-.17	28.80	30.89	-.08	-.02	4.00	4.29
	Tya	-1.06	-.33	-.18	-.17	-.10	-.28	-.32	0.00	1.09	.17	-28.80	-30.89	.08	.02	-4.00	-4.29
S113	Txu	-.60	-.17	-.08	-.08	-.10	-.15	-.06	0.00	-7.65	-6.78	-.66	1.31	-.49	-.44	-.14	.14
	Txa	.60	.17	.08	.08	.10	.15	.06	0.00	7.65	6.78	.66	-1.31	.49	.44	.14	-.14
	Tyu	.60	.21	.10	.13	.17	.24	.06	0.00	-1.05	-.23	31.73	33.65	-.08	-.02	4.80	5.10
	Tya	-.60	-.21	-.10	-.13	-.17	-.24	-.06	0.00	1.05	.23	-31.73	-33.65	.08	.02	-4.80	-5.10
SA13	Txu	-.24	-.06	-.05	0.00	-.09	-.03	.01	0.00	-3.14	-2.79	-.17	.64	-.20	-.18	-.04	.07
	Txa	.24	.06	.05	0.00	.09	.03	-.01	0.00	3.14	2.79	.17	-.64	.20	.18	.04	-.07
	Tyu	.57	.12	.13	0.00	.17	.04	.05	0.00	-.73	1.02	28.30	32.37	-.07	.05	4.32	4.94
	Tya	-.57	-.12	-.13	0.00	-.17	-.04	-.05	0.00	.73	-1.02	-28.30	-32.37	.07	-.05	-4.32	-4.94
SZ13	Txu	-.05	-.04	-.04	0.00	.02	-.05	-.04	0.00	-1.06	-.93	-.03	.27	-.07	-.07	-.01	.04
	Txa	.05	.04	.04	0.00	-.02	.05	.04	0.00	1.06	.93	.03	-.27	.07	.07	.01	-.04
	Tyu	-.13	-.01	.05	-.06	-.07	.09	-.03	0.00	-1.03	1.34	38.92	44.42	-.10	.06	6.21	7.08
	Tya	.13	.01	-.05	.06	.07	-.09	.03	0.00	1.03	-1.34	-38.92	-44.42	.10	-.06	-6.21	-7.08
SB13	Txu	-.18	-.08	-.08	0.00	0.00	-.09	-.06	0.00	-3.14	-2.77	-.32	.54	-.21	-.19	-.07	.06
	Txa	.18	.08	.08	0.00	0.00	.09	.06	0.00	3.14	2.77	.32	-.54	.21	.19	.07	-.06
	Tyu	-.40	-.04	.05	-.09	-.08	.06	-.06	0.00	-1.31	.40	55.17	59.16	-.11	.01	9.21	9.89
	Tya	.40	.04	-.05	.09	.08	-.06	.06	0.00	1.31	-.40	-55.17	-59.16	.11	-.01	-9.21	-9.89
SC14	Txu	.38	.09	.05	.04	.06	.07	.05	0.00	-.76	-.90	.40	.11	-.05	-.06	.06	.02
	Txa	-.38	-.09	-.05	-.04	-.06	-.07	-.05	0.00	.76	.90	-.40	-.11	.05	.06	-.06	-.02
	Tyu	-.44	-.15	-.10	-.06	-.11	-.14	-.07	0.00	-.16	.03	1.07	1.43	-.01	0.00	.14	.19
	Tya	.44	.15	.10	.06	.11	.14	.07	0.00	.16	-.03	-1.07	-1.43	.01	0.00	-.14	-.19
S614	Txu	.21	.05	.03	.02	.04	.03	.03	0.00	-.72	-.83	.24	0.00	-.04	-.05	.04	.01
	Txa	-.21	-.05	-.03	-.02	-.04	-.03	-.03	0.00	.72	.83	-.24	0.00	.04	.05	-.04	-.01
	Tyu	-.33	-.11	-.06	-.05	-.10	-.06	-.06	0.00	-.10	.01	.69	.92	-.01	0.00	.09	.12
	Tya	.33	.11	.06	.05	.10	.06	.06	0.00	.10	-.01	-.69	-.92	.01	0.00	-.09	-.12
S514	Txu	.60	.14	.07	.06	.07	.10	.09	0.00	-2.30	-2.65	.76	0.00	-.14	-.16	.12	.02
	Txa	-.60	-.14	-.07	-.06	-.07	-.10	-.09	0.00	2.30	2.65	-.76	0.00	.14	.16	-.12	-.02
	Tyu	-.45	-.15	-.08	-.08	-.08	-.09	-.14	0.00	-.15	.01	1.17	1.53	-.01	0.00	.15	.20
	Tya	.45	.15	.08	.08	.08	.09	.14	0.00	.15	-.01	-1.17	-1.53	.01	0.00	-.15	-.20
S414	Txu	.48	.11	.06	.04	.08	.08	.05	0.00	-2.12	-2.44	.69	-.02	-.13	-.15	.11	.01
	Txa	-.48	-.11	-.06	-.04	-.08	-.08	-.05	0.00	2.12	2.44	-.69	.02	.13	.15	-.11	-.01
	Tyu	-.42	-.14	-.07	-.07	-.08	-.13	-.07	0.00	-.15	.01	1.27	1.63	-.01	0.00	.17	.22
	Tya	.42	.14	.07	.07	.08	.13	.07	0.00	.15	-.01	-1.27	-1.63	.01	0.00	-.17	-.22
S314	Txu	.75	.16	.09	.07	.13	.07	.10	0.00	-4.28	-4.92	1.34	-.09	-.26	-.30	.22	.02
	Txa	-.75	-.16	-.09	-.07	-.13	-.07	-.10	0.00	4.28	4.92	-1.34	.09	.26	.30	-.22	-.02
	Tyu	-.42	-.15	-.07	-.08	-.15	-.08	-.07	0.00	-.18	.01	1.59	2.03	-.01	0.00	.21	.27
	Tya	.42	.15	.07	.08	.15	.08	.07	0.00	.18	-.01	-1.59	-2.03	.01	0.00	-.21	-.27
S214	Txu	.62	.13	.08	.05	.05	.10	.10	0.00	-4.38	-5.03	1.27	-.18	-.27	-.31	.21	.01
	Txa	-.62	-.13	-.08	-.05	-.05	-.10	-.10	0.00	4.38	5.03	-1.27	.18	.27	.31	-.21	-.01
	Tyu	-.56	-.20	-.11	-.09	-.10	-.10	-.21	0.00	-.27	.04	2.59	3.29	-.02	0.00	.35	.45
	Tya	.56	.20	.11	.09	.10	.10	.21	0.00	.27	-.04	-2.59	-3.29	.02	0.00	-.35	-.45
S114	Txu	.68	.13	.07	.05	.10	.14	.01	0.00	-6.53	-7.51	1.73	-.49	-.40	-.46	.30	-.02
	Txa	-.68	-.13	-.07	-.05	-.10	-.14	-.01	0.00	6.53	7.51	-1.73	.49	.40	.46	-.30	.02
	Tyu	-.50	-.18	-.07	-.11	-.07	-.20	-.10	0.00	-.25	.08	2.83	3.58	-.02	0.00	.40	.51
	Tya	.50	.18	.07	.11	.07	.20	.10	0.00	.25	-.08	-2.83	-3.58	.02	0.00	-.40	-.51
SA14	Txu	.07	.01	.05	-.04	.08	-.05	-.02	0.00	-2.74	-3.15	.59	-.35	-.17	-.20	.11	-.03
	Txa	-.07	-.01	-.05	.04	-.08	.05	.02	0.00	2.74	3.15	-.59	.35	.17	.20	-.11	.03
	Tyu	.23	.02	-.06	.08	-.10	0.00	.13	0.00	-.16	.08	2.09	2.62	-.01	0.00	.30	.37
	Tya	-.23	-.02	.06	-.08	.10	0.00	-.13	0.00	.16	-.08	-2.09	-2.62	.01	0.00	-.30	-.37
SZ14	Txu	-.13	-.05	.01	-.06	-.09	.04	-.05	0.00	-.53	-.63	-.07	-.29	-.04	-.04	0.00	-.04
	Txa	.13	.05	-.01	.06	.09	-.04	.05	0.00	.53	.63	.07	.29	.04	.04	0.00	.04
	Tyu	.19	-.05	-.10	.05	.12	-.09	-.12	0.00	-.06	.04	.93	1.14	0.00	0.00	.14	.18
	Tya	-.19	.05	.10	-.05	-.12	.09	.12	0.00	.06	-.04	-.93	-1.14	0.00	0.00	-.14	-.18
SB14	Txu	-.18	-.09	.04	-.13	-.11	.04	-.10	0.00	-2.68	-3.11	.58	-.41	-.18	-.21	.11	-.04
	Txa	.18	.09	-.04	.13	.11	-.04	.10	0.00	2.68	3.11	-.58	.41	.18	.21	-.11	.04
	Tyu	-.70	-.31	-.33	.01	-.01	-.33	-.28	0.00	-.20	.07	2.70	3.32	-.02	0.00	.42	.51
	Tya	.70	.31	.33	-.01	.01	.33	.28	0.00	.20	-.07	-2.70	-3.32	.02	0.00	-.42	-.51
SC15	Txu	.36	.11	.06	.05	.07	.07	.07	0.00	-.77	-.76	.28	-.27	-.05	-.05	-.04	-.04
	Txa	-.36	-.11	-.06	-.05	-.07	-.07	-.07	0.00	.77	.76	.28	.27	.05	.05	.04	.04
	Tyu	.37	.11	.07	.03	.08	.09	.04	0.00	.24	.41	1.55	1.87	.01	.02	.20	.25
	Tya	-.37	-.11	-.07	-.03	-.08	-.09	-.04	0.00	-.24	-.41	-1.55	-1.87	-.01	-.02	-.20	-.25
S615	Txu	.40	.13	.07	.06	.07	.10	.09	0.00	-1.13	-1.15	-.22	-.26	-.07	-.07	-.03	-.04
	Txa	-.40	-.13	-.07	-.06	-.07	-.10	-.09	0.00	1.13	1.15	.22	.26	.07	.07	.03	.04
	Tyu	.38	.11	.06	.05	.10	.05	.06	0.00	.30	.44	1.60	1.92	.02	.03	.21	.25
	Tya	-.38	-.11	-.06	-.05	-.10	-.05	-.06	0.00	-.30	-.44	-1.60	-1.92	-.02	-.03	-.21	-.25
S515	Txu	.66	.21	.11	.10	.15	.17	.11	0.00	-2.22	-2.24	-.43	-.48	-.14	-.14	-.06	-.07
	Txa	-.66	-.21	-.11	-.10	-.15	-.17	-.11	0.00	2.22	2.24	.43	.48	.14	.14	.06	.07
	Tyu	.74	.22	.10	.11	.09	.13	.20	0.00	.65	1.00	4.10	4.88	.04	.06	.54	.65
	Tya	-.74	-.22	-.10	-.11	-.09	-.13	-.20	0.00	-.65	-1.00	-4.10	-4.88	-.04	-.06	-.54	-.65
S415	Txu	.53	.16	.09	.08	.13	.09	.12	0.00	-2.06	-2.07	-.37	-.40	-.13	-.13	-.05	-.05
	Txa	-.53	-.16	-.09	-.08	-.13	-.09	-.12	0.00	2.06	2.07	.37	.40	.13	.13	.05	.05
	Tyu	.64	.19	.09	.09	.11	.18	.07	0.00	.62	.97	4.42	5.20	.03	.06	.59	.70
	Tya	-.64	-.19	-.09	-.09	-.11	-.18	-.07	0.00	-.62	-.97	-4.42	-5.20	-.03	-.06	-.59	-.70
S315	Txu	.54	.17	.10	.08	.08	.13	.14	0.00	-2.96	-2.96	-.47	-.47	-.18	-.18	-.07	-.07
	Txa	-.54	-.17	-.10	-.08	-.08	-.13	-.14	0.00	2.96	2.96	.47	.47	.18	.18	.07	.07
	Tyu	.63	.19	.09	.09	.18	.07	.11	0.00	.69	1.11	5.40	6.34	.04	.06	.73	.86
	Tya	-.63	-.19	-.09	-.09	-.18	-.07	-.11	0.00	-.69	-1.11	-5.40	-6.34	-.04	-.06	-.73	-.86
S215	Txu	.44	.14	.08	.07	.11	.13	.05	0.00	-2.39	-2.38	-.32	-.28	-.15	-.15	-.05	-.04
	Txa	-.44	-.14	-.08	-.07	-.11	-.13	-.05	0.00	2.39	2.38	.32	.28	.15	.15	.05	.04
	Tyu	.38	.11	.06	.04	.02	.06	.13	0.00	.60	.98	4.99	5.86	.03	.06	.69	.82
	Tya	-.38	-.11	-.06	-.04	-.02	-.06	-.13	0.00	-.60	-.98	-4.99	-5.86	-.03	-.06	-.69	-.82
S115	Txu	.73	.23	.16	.08	.24	.09	.15	0.00	-5.52	-5.46	-.56	-.41	-.35	-.35	-.08	-.06
	Txa	-.73	-.23	-.16	-.08	-.24	-.09	-.15	0.00	5.52	5.46	.56	.41	.35	.35	.08	.06
	Tyu	.34	.09	.01	.07	.01	.17	-.02	0.00	1.03	1.82	9.98	11.77	.06	.11	1.43	1.69
	Tya	-.34	-.09	-.01	-.07	-.01	-.17	.02	0.00	-1.03	-1.82	-9.98	-11.77	-.06	-.11	-1.43	-1.69
SA15	Txu	-.19	-.06	-.09	.03	-.11	-.08	.09	0.00	-1.77	-1.76	-.15	-.11	-.11	-.11	-.02	-.02
	Txa	.19	.06	.09	-.03	.11	.08	-.09	0.00	1.77	1.76	.15	.11	.11	.11	.02	.02
	Tyu	.07	.01	.11	-.10	.20	-.05	-.12	0.00	.53	.95	5.29	6.24	.03	.06	.76	.90
	Tya	-.07	-.01	-.11	.10	-.20	.05	.12	0.00	-.53	-.95	-5.29	-6.24	-.03	-.06	-.76	-.90
SZ15	Txu	-.19	-.05	-.04	-.01	.04	-.03	-.11	0.00	-.89	-.87	-.03	.02	-.06	-.06	-.01	0.00
	Txa	.19	.05	.04	.01	-.04	.03	.11	0.00	.89	.87	.03	-.02	.06	.06	.01	0.00
	Tyu	.18	.04	.11	-.08	-.16	.16	.07	0.00	.01	.15	1.66	2.00	0.00	.01	.27	.32
	Tya	-.18	-.04	-.11	.08	.16	-.16	-.07	0.00	-.01	-.15	-1.66	-2.00	0.00	-.01	-.27	-.32
SB15	Txu	-.42	-.12	-.12	.01	.01	-.10	-.14	0.00	-2.80	-2.74	-.21	-.07	-.19	-.19	-.03	-.01
	Txa	.42	.12	.12	-.01	-.01	.10	.14	0.00	2.80	2.74	.21	.07	.19	.19	.03	.01
	Tyu	.35	.07	.26	-.19	-.17	.25	.04	0.00	.27	.76	5.99	7.10	.01	.04	.92	1.10
	Tya	-.35	-.07	-.26	.19	.17	-.25	-.04	0.00	-.27	-.76	-5.99	-7.10	-.01	-.04	-.92	-1.10
SC16	Txu	-.06	-.03	-.01	-.01	-.02	-.01	-.02	0.00	-.82	-.67	-.55	-.27	-.06	-.05	-.08	-.04
	Txa	.06	.03	.01	.01	.02	.01	.02	0.00	.82	.67	.55	.27	.06	.05	.08	.04
	Tyu	.45	.15	.06	.08	.09	.10	.10	0.00	.23	.30	.72	.81	.01	.02	.10	.11
	Tya	-.45	-.15	-.06	-.08	-.09	-.10	-.10	0.00	-.23	-.30	-.72	-.81	-.01	-.02	-.10	-.11
S616	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.02	-.02	.01	-.01	0.00	0.00	0.00	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	.02	-.01	.01	0.00	0.00	0.00	0.00
	Tyu	.30	.10	.05	.05	.05	.08	.06	0.00	.13	.14	.73	.76	.01	.01	.10	.10

FÝRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

KOLON KESME KUVVETLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
S119	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.22	-.22	-.03	-.03	-.01	-.01	-.01	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.22	.22	.03	.03	.01	.01	.01	0.00
	Tyu	.10	.04	.02	.01	.02	.01	.04	0.00	-.37	0.00	1.33	2.16	-.03	0.00	.18	.30
	Tya	-.10	-.04	-.02	-.01	-.02	-.01	-.04	0.00	.37	0.00	-1.33	-2.16	.03	0.00	-.18	-.30
SA19	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.30	-.31	.08	.07	-.02	-.02	.01	.01
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.30	.31	-.08	-.07	.02	.02	-.01	-.01
	Tyu	.02	.01	-.01	.02	-.03	.03	.02	0.00	-.32	.07	.86	1.75	-.02	0.00	.11	.24
	Tya	-.02	-.01	.01	-.02	.03	-.03	-.02	0.00	.32	-.07	-.86	-1.75	.02	0.00	-.11	-.24
SZ19	Txu	-.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.36	-.34	.05	.10	-.03	-.02	.01	.02
	Txa	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.36	.34	-.05	-.10	.03	.02	-.01	-.02
	Tyu	.05	.03	-.01	.03	.05	-.02	.03	0.00	-.14	.07	.33	.80	-.01	0.00	.04	.12
	Tya	-.05	-.03	.01	-.03	-.05	.02	-.03	0.00	.14	-.07	-.33	-.80	.01	0.00	-.04	-.12
SB19	Txu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.46	-.40	-.15	-.02	-.03	-.03	-.03	0.00
	Txa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.46	.40	.15	.02	.03	.03	.03	0.00
	Tyu	.15	.07	-.01	.09	.08	-.01	.07	0.00	-.25	.03	1.37	2.02	-.02	0.00	.21	.31
	Tya	-.15	-.07	.01	-.09	-.08	.01	-.07	0.00	.25	-.03	-1.37	-2.02	.02	0.00	-.21	-.31

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

PERDE-KIRIS STATYK HESAP SONUÇLARI

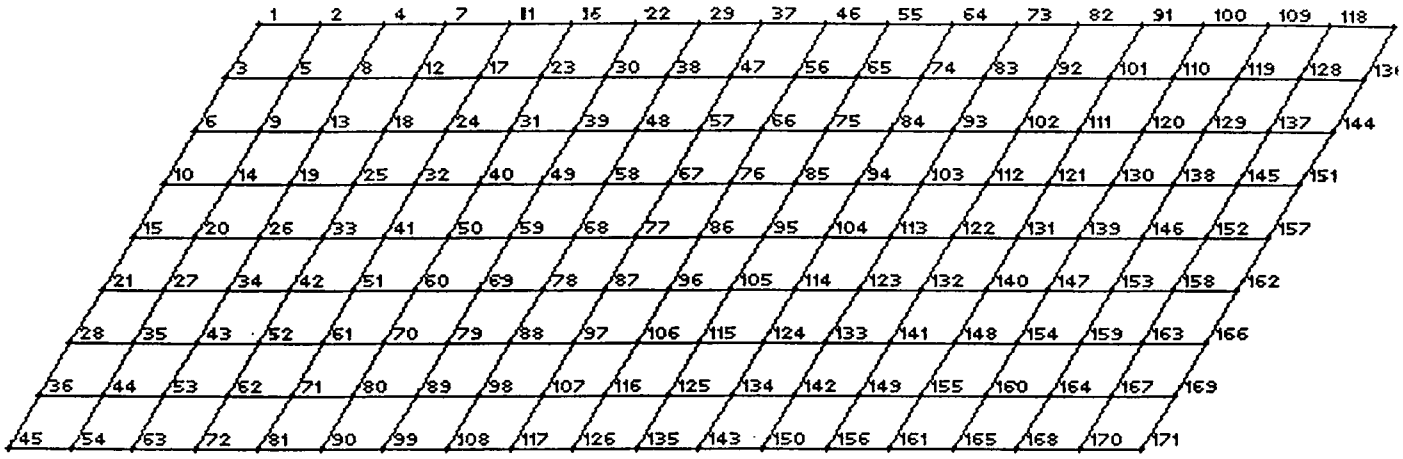
Kolon	GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
PKB03 N	141.26	23.51			Material:E1			0.00	124.63	128.33	123.49	131.91	7.84	8.08	17.57	18.82
Ust Mx	-2.82	-2.83	-1.91	-1.47	-2.12	-2.78	-1.85	0.00	604.58	687.40	-72.56	115.59	37.18	42.40	-14.46	12.89
Alt Mx	2.56	2.40	1.80	1.10	1.71	1.90	2.19	0.00	-911.75	-1046.85	189.61	-120.68	-58.91	-67.98	36.15	-11.97
Ust My	-.28	-.21	-.36	.15	.10	-.34	-.17	0.00	.04	-.32	2.97	2.12	.01	-.02	.53	.39
Alt My	-.22	-.11	-.18	.08	.05	-.17	-.09	0.00	.40	-.76	12.80	10.12	.04	-.04	2.10	1.67
PKB10 N	127.24	21.23			Material:E1			0.00	-107.08	-102.87	-107.71	-98.31	-6.78	-6.52	-15.55	-14.19
Ust Mx	9.54	2.13	1.48	1.17	1.76	2.06	1.48	0.00	599.92	519.39	16.62	-166.32	38.60	33.52	6.43	-20.16
Alt Mx	-9.75	-3.05	-1.32	-2.21	-2.63	-2.51	-1.93	0.00	-914.63	-783.72	-131.29	169.38	-62.25	-53.47	-27.61	19.01
Ust My	.90	.47	-.05	.52	.50	-.02	.45	0.00	-.26	.28	3.66	4.90	-.02	.01	.57	.77
Alt My	.29	.20	-.05	.24	.23	-.04	.19	0.00	-.70	.61	10.45	13.47	-.06	.03	1.59	2.06
PKZ03 N	130.52	22.20			Material:E1			0.00	104.46	106.04	116.90	120.43	6.53	6.62	16.62	17.12
Ust Mx	-1.35	-2.79	-1.98	-1.30	-1.77	-3.16	-1.64	0.00	442.27	497.33	-109.12	13.96	26.23	29.52	-18.33	-1.49
Alt Mx	2.93	2.69	1.89	1.25	1.84	2.48	1.98	0.00	-756.05	-864.29	92.95	-154.40	-47.36	-54.36	19.21	-17.71
Ust My	-1.48	-.55	-.01	-.52	-.33	-.11	-.62	0.00	.03	-.96	10.22	7.92	.02	-.05	1.66	1.30
Alt My	-.99	-.42	-.27	-.14	-.08	-.30	-.43	0.00	.16	-1.36	16.18	12.69	.03	-.07	2.55	2.02
PKZ14 N	117.32	18.92			Material:E1			0.00	-107.63	-102.81	-101.49	-90.75	-6.78	-6.48	-14.56	-13.03
Ust Mx	12.20	2.46	1.39	1.53	1.79	2.05	2.01	0.00	441.17	385.50	55.90	-68.63	27.22	23.88	10.88	-6.21
Alt Mx	-14.26	-3.41	-1.67	-2.15	-2.84	-2.53	-2.27	0.00	-758.67	-654.17	-37.62	201.20	-49.89	-43.13	-11.20	24.45
Ust My	0.00	.03	.02	.01	.14	-.09	.02	0.00	.09	-.17	-3.74	-4.30	.01	-.01	-.51	-.58
Alt My	.48	.33	-.06	.38	.42	-.10	.32	0.00	-.65	.67	9.14	12.18	-.06	.03	1.33	1.80
PKA03 N	119.43	20.50			Material:E1			0.00	96.65	98.24	103.13	106.65	5.99	6.09	14.50	14.99
Ust Mx	-3.69	-3.79	-2.11	-2.13	-3.16	-2.51	-2.81	0.00	335.58	375.12	-144.23	-58.34	19.39	21.66	-22.19	-11.14
Alt Mx	5.61	3.67	2.07	1.94	2.33	3.30	2.39	0.00	-629.73	-714.60	116.64	-75.75	-38.41	-43.71	21.35	-6.33
Ust My	-1.65	-.70	-.63	-.04	-.79	-.42	-.14	0.00	-.15	-1.69	15.73	12.20	.01	-.09	2.48	1.95
Alt My	-1.89	-.68	-.18	-.48	-.67	-.16	-.47	0.00	-.03	-1.89	19.34	15.08	.02	-.10	2.98	2.35
PKA10 N	112.86	19.28			Material:E1			0.00	-95.98	-93.00	-102.83	-96.28	-6.00	-5.82	-14.64	-13.74
Ust Mx	8.13	1.70	1.47	.77	1.71	1.65	1.14	0.00	312.15	273.20	84.00	-.66	18.61	16.38	13.70	2.78
Alt Mx	-10.42	-2.56	-1.32	-1.71	-1.95	-2.06	-2.05	0.00	-604.93	-525.17	-55.70	125.14	-38.58	-33.59	-12.49	13.54
Ust My	.56	.30	-.07	.36	-.09	.36	.31	0.00	-.50	.87	9.08	12.21	-.05	.04	1.31	1.78
Alt My	-.22	-.04	-.02	-.03	-.15	.08	-.03	0.00	-.33	.29	2.96	4.36	-.03	.01	.37	.57
PK103 N	107.09	18.63			Material:E1			0.00	84.79	86.30	86.37	89.66	5.22	5.31	12.01	12.44
Ust Mx	-5.40	-4.19	-2.50	-2.17	-3.82	-3.10	-2.41	0.00	219.13	244.32	-77.00	-25.27	11.90	13.21	-10.77	-5.12
Alt Mx	6.20	4.09	2.14	2.20	2.91	2.80	2.99	0.00	-515.18	-581.69	162.28	13.74	-30.80	-34.84	26.63	6.00
Ust My	-2.03	-.80	-.10	-.67	-.19	-.89	-.46	0.00	-.04	-1.89	17.91	13.69	.02	-.10	2.77	2.15
Alt My	-1.70	-.70	-.51	-.15	-.47	-.73	-.13	0.00	.01	-2.10	20.29	15.51	.02	-.11	3.07	2.37
PK110 N	101.33	17.47			Material:E1			0.00	-85.48	-82.45	-87.96	-81.37	-5.31	-5.13	-12.40	-11.51
Ust Mx	7.00	1.21	.47	1.25	.74	1.67	1.04	0.00	190.00	166.08	20.19	-28.87	10.45	9.21	2.81	-2.53
Alt Mx	-13.28	-3.60	-1.97	-2.04	-2.45	-2.95	-2.62	0.00	-494.23	-430.32	-108.20	34.65	-30.81	-26.93	-18.97	.91
Ust My	1.49	.58	.49	.07	.45	.11	.55	0.00	-1.04	1.11	14.20	19.11	-.09	.05	2.01	2.73
Alt My	1.06	.51	.16	.33	.17	.29	.51	0.00	-1.20	1.20	16.38	21.84	-.10	.05	2.27	3.07
PK203 N	94.50	16.75			Material:E1			0.00	69.38	70.50	71.09	73.50	4.27	4.33	9.79	10.11
Ust Mx	-1.98	-3.57	-2.19	-1.92	-2.80	-3.10	-2.30	0.00	123.29	137.73	-63.77	-37.39	6.45	7.16	-8.37	-6.06
Alt Mx	7.94	4.66	2.54	2.36	3.94	3.05	2.81	0.00	-408.72	-460.69	112.07	-1.26	-23.54	-26.54	17.47	2.81
Ust My	-2.81	-1.02	-.78	-.20	-.56	-.34	-1.06	0.00	0.00	-2.12	20.47	15.66	.02	-.11	3.07	2.38
Alt My	-2.68	-.95	-.21	-.70	-.21	-.69	-.91	0.00	.07	-2.25	22.10	16.88	.03	-.12	3.23	2.49
PK210 N	88.26	15.49			Material:E1			0.00	-72.90	-69.91	-70.98	-64.54	-4.52	-4.34	-9.91	-9.04
Ust Mx	3.73	.90	.83	.57	.73	.88	1.19	0.00	102.65	89.11	10.44	-14.31	5.41	4.73	1.01	-1.18
Alt Mx	-12.91	-3.45	-1.98	-1.81	-2.50	-2.57	-2.50	0.00	-376.51	-327.90	-60.73	45.41	-22.48	-19.68	-10.26	3.49
Ust My	1.94	.68	.12	.53	.65	.52	.14	0.00	-1.23	1.02	14.37	19.46	-.10	.04	1.96	2.69
Alt My	1.71	.62	.46	.14	.65	.19	.34	0.00	-1.43	.95	15.23	20.59	-.11	.03	2.02	2.78
PK303 N	77.30	13.99			Material:E1			0.00	53.49	54.56	52.20	54.50	3.29	3.36	7.11	7.42
Ust Mx	.62	-2.67	-1.87	-1.32	-2.37	-1.92	-2.08	0.00	38.65	41.29	-52.42	-52.85	1.99	2.10	-6.50	-7.38
Alt Mx	6.79	4.49	2.51	2.20	3.43	3.50	2.50	0.00	-285.33	-322.55	89.76	11.48	-16.08	-18.17	13.24	3.68
Ust My	-2.84	-1.16	-.22	-.88	-1.16	-.68	-.37	0.00	.02	-2.12	20.54	15.74	.02	-.11	2.99	2.32
Alt My	-2.97	-1.10	-.78	-.27	-1.01	-.31	-.77	0.00	.01	-2.30	21.54	16.38	.02	-.12	3.09	2.36
PK310 N	73.42	13.16			Material:E1			0.00	-58.53	-55.93	-54.79	-49.23	-3.63	-3.47	-7.60	-6.85
Ust Mx	4.17	.82	.27	.99	.94	1.08	.49	0.00	29.58	26.24	6.25	4.78	1.51	1.35	.22	.77
Alt Mx	-12.07	-3.62	-1.71	-2.18	-2.51	-2.97	-2.30	0.00	-264.59	-229.66	-44.87	28.66	-15.42	-13.46	-7.00	1.97
Ust My	2.73	.91	.66	.20	.24	.83	.66	0.00	-1.12	1.18	14.91	20.07	-.09	.05	1.97	2.70
Alt My	2.27	.79	.20	.55	.43	.80	.27	0.00	-1.39	1.02	14.95	20.33	-.11	.04	1.93	2.69
PK403 N	59.28	10.99			Material:E1			0.00	40.27	41.34	35.74	38.03	2.49	2.55	4.83	5.14
Ust Mx	2.49	-1.54	-1.17	-.82	-2.06	-.96	-.95	0.00	-28.70	-36.25	-18.81	-41.53	-1.55	-1.96	-1.70	-5.15
Alt Mx	6.43	3.98	2.22	1.92	2.71	2.88	2.69	0.00	-178.34	-200.64	75.42	31.79	-10.12	-11.39	10.58	5.53
Ust My	-3.79	-1.41	-1.00	-.34	-.49	-1.40	-.79	0.00	-.03	-2.14	19.66	14.96	.02	-.11	2.81	2.16
Alt My	-3.29	-1.28	-.31	-.91	-.88	-1.20	-.36	0.00	-.10	-2.29	19.33	14.49	.01	-.12	2.74	2.07
PK410 N	57.76	10.61			Material:E1			0.00	-43.79	-41.76	-39.79	-35.47	-2.73	-2.61	-5.50	-4.91
Ust Mx	-.94	-.53	.02	-.16	-.39	.22	-.12	0.00	-41.17	-33.47	-18.32	4.60	-2.38	-1.96	-3.40	.06
Alt Mx	-11.94	-3.66	-2.07	-1.79	-2.10	-3.05	-2.56	0.00	-169.58	-147.61	-40.87	2.17	-9.96	-8.71	-5.83	-.84
Ust My	3.76	1.18	.34	.79	.83	.41	1.01	0.00	-1.02	1.32	15.21	20.42	-.09	.06	1.97	2.69
Alt My	3.35	1.08	.73	.30	.42	.62	1.02	0.00	-1.05	1.25	14.22	19.32	-.09	.05	1.81	2.52
PK503 N	39.66	7.66			Material:E1			0.00	26.68	27.52	21.79	23.57	1.66	1.71	2.93	3.17
Ust Mx	4.47	-.56	-.87	-.09	-1.11	-.75	-.05	0.00	-63.13	-74.23	-3.85	-33.95	-3.66	-4.28	.55	-3.84
Alt Mx	6.03	3.18	1.87	1.38	2.74	1.60	2.16	0.00	-82.52	-90.10	37.36	26.98	-4.96	-5.44	4.87	3.94
Ust My	-3.89	-1.40	-.30	-1.04	-.76	-.49	-1.41	0.00	-.07	-1.92	16.75	12.66	.01	-.10	2.39	1.82
Alt My	-4.11	-1.44	-.97	-.40	-.41	-1.04	-1.28	0.00	-.18	-2.11	15.69	11.48	.01	-.11	2.22	1.64
PK510 N	38.67	7.41			Material:E1			0.00	-29.08	-27.49	-24.30	-20.95	-1.83	-1.73	-3.36	-2.91
Ust Mx	-4.65	-1.35	-.85	-.16	-.58	-.75	-.70	0.00	-66.49	-55.97	-20.04	8.68	-3.97	-3.38	-3.79	.40
Alt Mx	-9.34	-2.89	-1.19	-1.83	-2.08	-1.83	-2.12	0.00	-75.55	-68.04	-14.81	-4.45	-4.72	-4.24	-1.79	-.84
Ust My	3.93	1.20	.82	.33	1.04	.87	.37	0.00	-.89	1.21	12.77	17.40	-.08	.05	1.63	2.28
Alt My	3.94	1.22	.37	.79	1.12	.52	.69	0.00	-.93	1.20	11.83	16.49	-.08	.05	1.49	2.14
PK603 N	19.88	4.18			Material:E1			0.00	14.18	14.89	9.89	11.45	.89	.94	1.31	1.53
Ust Mx	11.38	2.24	.74	1.10	.67	1.73	1.28	0.00	-62.24	-69.18	5.48	-7.63	-3.79	-4.23	.87	-.81
Alt Mx	3.75	2.19	1.30	.91	2.22	1.45	.75	0.00	-19.30	-18.34	16.74	26.47	-1.27	-1.26	1.49	3.25
Ust My	-6.81	-2.51	-1.68	-.71	-2.09	-1.80	-.89	0.00	-.36	-3.09	21.08	15.15	0.00	-.16	2.99	2.16
Alt My	-5.30	-1.93	-.63	-1.20	-1.57	-.87	-1.22	0.00	-.27	-2.44	15.89	11.22	0.00	-.13	2.24	1.60
PK610 N	19.36	4.11			Material:E1			0.00	-15.65	-14.43	-11.20	-8.60	-1.00	-.93	-1.57	-1.21
Ust Mx	-13.38	-4.10	-1.78	-2.00	-2.22	-2.41	-2.93	0.00	-62.35	-55.28	-20.20	-6.89	-3.97	-3.52	-2.89	-1.18
Alt Mx	-6.22	-2.31	-1.38	-.97	-1.83	-1.96	-.91	0.00	-17.10	-17.67	-5.37	-14.19	-1.23	-1.21	.04	-1.58
Ust My	5.88	1.90	.60	1.21	.72	1.50	1.41	0.00	-1.39	1.38	13.78	19.85	-.11	.06	1.71	2.56
Alt My	4.90	1.55	.94	.53	.86	1.36	.74	0.00	-1.11	1.16	10.58	15.51	-.09	.05	1.30	1.99

FYRMA : EMKA YAPI MUHENDISLIK LTD. STI. Dosya :TEZITQ.ST4

TEMELLERE GELEN KOLON YUKLERI

Kolon		GGGGGG	QQQQQQ	Q_Q_Q_	_Q_Q_Q	QQ_QQ_	_QQ_QQ	Q_QQ_Q	Zemin	Dep.+X	Dep.-X	Dep.+Y	Dep.-Y	Ruz.+X	Ruz.-X	Ruz.+Y	Ruz.-Y
SB01	N	85.94	13.84	(azaltma	Nq=	14.49x	.955 =	13.84)	0.00	130.43	140.37	65.01	87.65	8.19	8.83	8.80	12.17
	Alt Mx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-1.53	.27	-.16	-.09	-.10	.05	-.02
	Alt My	-.07	-.02	-.03	.01	.01	-.03	-.02	0.00	.08	-.24	2.63	1.89	.01	-.01	.43	.32
SB02	N	70.20	17.91	(azaltma	Nq=	22.39x	.800 =	17.91)	0.00	41.78	47.29	-40.85	-28.49	2.57	2.92	-6.16	-4.38
	Alt Mx	.69	.24	.13	.12	.18	.18	.13	0.00	-7.27	-7.21	.05	.18	-.49	-.49	0.00	.02
	Alt My	-.09	-.02	.13	-.15	-.11	.11	-.04	0.00	.19	-.84	9.61	7.24	.03	-.04	1.58	1.21
SB03	N	38.35	6.81	(azaltma	Nq=	8.51x	.800 =	6.81)	0.00	25.39	25.65	-31.29	-30.73	1.61	1.62	-4.54	-4.47
	Alt Mx	.14	0.00	.01	0.00	0.00	.01	0.00	0.00	-1.59	-1.70	-.30	.37	-.14	-.12	-.06	.04
	Alt My	.23	.07	-.02	.09	.07	-.01	.08	0.00	.15	-.16	2.80	2.10	.01	-.01	.46	.35
SB04	N	99.42	15.41	(azaltma	Nq=	16.19x	.952 =	15.41)	0.00	-18.47	-30.82	106.57	78.44	-1.13	-1.93	16.04	11.85
	Alt Mx	0.00	.01	.01	0.00	.01	.01	.01	0.00	-6.96	-7.93	1.39	-.86	-.46	-.53	.27	-.09
	Alt My	-.03	-.04	-.08	.04	.03	-.07	-.04	0.00	.17	-.12	5.40	4.73	.01	0.00	.87	.77
SB05	N	108.43	21.10	(azaltma	Nq=	26.38x	.800 =	21.10)	0.00	-31.49	-30.70	-23.20	-21.44	-1.99	-1.94	-3.33	-3.07
	Alt Mx	-1.34	-.27	-.12	-.15	-.23	-.21	-.10	0.00	-29.99	-29.79	.42	.87	-2.02	-2.01	.05	.12
	Alt My	-.11	.01	.29	-.27	-.19	.27	-.04	0.00	.72	-.50	18.07	15.26	.06	-.02	2.94	2.49
SB06	N	76.39	10.47	(azaltma	Nq=	13.08x	.800 =	10.47)	0.00	14.28	17.86	-74.77	-66.68	.86	1.09	-10.98	-9.80
	Alt Mx	-.68	-.13	-.05	-.08	-.12	-.11	-.04	0.00	-18.89	-16.17	-2.88	3.38	-1.31	-1.12	-.60	.38
	Alt My	.22	.10	-.05	.15	.11	-.04	.13	0.00	.22	-.25	6.89	5.80	.02	-.01	1.12	.95
SB07	N	123.90	19.32	(azaltma	Nq=	24.15x	.800 =	19.32)	0.00	-67.84	-83.01	243.30	209.33	-4.09	-5.05	36.12	31.22
	Alt Mx	.29	.09	.06	.03	.03	.08	.06	0.00	-4.28	-4.81	.45	-.77	-.28	-.32	.10	-.09
	Alt My	-3.08	-.52	-.30	-.18	-.21	-.34	-.41	0.00	1.00	-6.03	304.67	288.47	.16	-.32	48.45	45.88
SB08	N	51.59	10.92	(azaltma	Nq=	13.65x	.800 =	10.92)	0.00	-10.79	-10.90	-74.44	-74.61	-.67	-.68	-11.11	-11.11
	Alt Mx	1.38	.54	.06	.48	.50	.51	.07	0.00	-9.51	-9.73	.45	-.05	-.64	-.65	.08	0.00
	Alt My	-.14	-.06	-.01	-.05	-.05	-.03	-.03	0.00	.15	-.02	8.97	8.60	.01	0.00	1.43	1.37
SB09	N	48.63	8.91	(azaltma	Nq=	11.14x	.800 =	8.91)	0.00	.96	.14	20.61	18.73	.07	.02	3.28	3.00
	Alt Mx	.06	.05	.03	.02	.02	.05	.03	0.00	-3.37	-3.12	-.10	.48	-.23	-.21	-.03	.06
	Alt My	-.46	-.03	-.08	.05	.04	-.06	-.04	0.00	.05	-.58	27.60	26.12	.01	-.03	4.41	4.17
SB10	N	89.44	10.43	(azaltma	Nq=	13.04x	.800 =	10.43)	0.00	-28.15	-19.30	-207.21	-187.45	-1.88	-1.32	-30.43	-27.57
	Alt Mx	-.19	-.03	-.02	0.00	-.01	-.03	-.02	0.00	-2.81	-2.47	-.30	.47	-.19	-.17	-.07	.05
	Alt My	-3.54	-.57	-.34	-.18	-.21	-.38	-.46	0.00	1.04	-6.54	325.72	308.23	.18	-.34	51.85	49.08
SB11	N	142.30	18.26	(azaltma	Nq=	22.83x	.800 =	18.26)	0.00	9.40	17.53	181.35	199.47	.50	1.01	25.26	27.86
	Alt Mx	-.06	-.03	-.06	.03	.03	-.07	-.02	0.00	-3.26	-3.65	.62	-.29	-.21	-.24	.12	-.03
	Alt My	-3.81	-.84	-.49	-.37	-.46	-.61	-.65	0.00	-8.28	4.09	283.17	311.66	-.69	.15	44.04	48.48
SB12	N	35.58	6.01	(azaltma	Nq=	7.52x	.800 =	6.01)	0.00	19.42	18.86	16.65	15.46	1.23	1.20	2.50	2.34
	Alt Mx	.21	.03	.06	-.02	-.02	.03	.06	0.00	-3.16	-3.04	-.11	.16	-.21	-.21	-.02	.02
	Alt My	-.03	-.03	-.01	-.02	-.02	-.01	-.02	0.00	-.17	.22	9.04	9.94	-.02	.01	1.40	1.54
SB13	N	94.53	15.30	(azaltma	Nq=	19.12x	.800 =	15.30)	0.00	86.71	69.52	-155.65	-193.91	5.58	4.51	-21.34	-26.81
	Alt Mx	-.16	-.07	-.07	0.00	-.01	-.08	-.05	0.00	-4.30	-3.80	-.43	.72	-.29	-.26	-.10	.08
	Alt My	-4.24	-.92	-.51	-.43	-.52	-.63	-.73	0.00	-8.95	4.30	304.61	335.12	-.74	.15	47.42	52.18
SB14	N	60.35	9.31	(azaltma	Nq=	11.64x	.800 =	9.31)	0.00	-16.71	-15.49	35.76	38.50	-1.06	-.99	4.99	5.39
	Alt Mx	-.14	-.06	.04	-.10	-.08	.03	-.07	0.00	-4.71	-5.42	.93	-.71	-.31	-.36	.18	-.07
	Alt My	-.62	-.26	-.27	.01	-.01	-.28	-.24	0.00	-.31	.17	5.06	6.17	-.03	.01	.78	.95
SB15	N	66.32	14.42	(azaltma	Nq=	18.03x	.800 =	14.42)	0.00	-11.68	-9.66	37.55	42.15	-.77	-.64	5.30	5.97
	Alt Mx	-.34	-.09	-.09	0.00	0.00	-.08	-.11	0.00	-5.02	-4.89	-.19	.12	-.34	-.33	-.04	.01
	Alt My	.23	.04	.20	-.16	-.14	.19	.03	0.00	.05	.74	8.11	9.70	-.01	.04	1.24	1.49
SB16	N	87.35	13.52	(azaltma	Nq=	14.45x	.936 =	13.52)	0.00	33.04	21.12	-64.91	-92.20	2.35	1.58	-8.52	-12.62
	Alt Mx	-.03	-.01	0.00	-.01	-.01	-.01	-.01	0.00	-4.76	-4.12	-.72	.76	-.33	-.29	-.15	.09
	Alt My	.11	.10	-.02	.12	.11	-.01	.09	0.00	-.09	.43	6.72	7.93	-.01	.02	1.04	1.23
SB17	N	27.65	4.04	(azaltma	Nq=	5.04x	.800 =	4.04)	0.00	-13.15	-12.00	20.74	23.34	-.84	-.77	2.92	3.29
	Alt Mx	.01	.02	.01	.01	.01	.01	.01	0.00	-.84	-.98	.12	-.20	-.05	-.06	.03	-.02
	Alt My	-.03	-.02	-.02	0.00	0.00	-.02	-.02	0.00	-.06	.10	1.00	1.37	-.01	.01	.15	.21
SB18	N	54.69	10.14	(azaltma	Nq=	12.67x	.800 =	10.14)	0.00	-24.83	-20.56	19.45	28.98	-1.59	-1.33	2.54	3.90
	Alt Mx	.16	.08	.03	.04	.04	.03	.08	0.00	-2.69	-2.77	.14	-.05	-.18	-.19	.03	0.00
	Alt My	-.02	-.05	.11	-.17	-.16	.11	-.06	0.00	-.93	.37	8.20	11.18	-.08	.01	1.23	1.69
SB19	N	81.25	12.96	(azaltma	Nq=	13.63x	.950 =	12.96)	0.00	-138.29	-125.89	-74.70	-46.56	-8.93	-8.13	-11.35	-7.18
	Alt Mx	-.02	-.01	0.00	-.01	-.01	-.01	0.00	0.00	-2.41	-2.08	-.37	.39	-.17	-.14	-.08	.04
	Alt My	.09	.05	-.01	.07	.06	-.01	.05	0.00	-.32	.13	2.58	3.61	-.03	0.00	.39	.55
TOPLAM	N	1442.	239.														

STA4-CAD TEZITQ FEA RADYE PLAK ANALIZI



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RADYE TEMELERIN SONLU ELEMANLARLA ANALIZI

BETONARME HESAP YÖNTEMÝ .....:TARIMA GÜCÜ YÖNTEMÝ (TS 500, 1984) (Süneklilik kontrolu ile betonarme hesabi)

BETON ve ÇELÝK MALZEME BÝLGÝLERÝ
Beton dayanim gerilmesi (kg/cm²).: 180
Çelik akma gerilmesi (kg/cm²).: 4200

TARIMA GÜCÜ MALZEME KATSAYILARI :
BETON .....: 1.50
ÇELÝK .....: 1.15

YÜK KOMBÝNASYON PARAMETRESÝ

Cg	Cq	Cs	Ce	Cw
1.40	1.60	0.00	0.00	0.00
1.40	1.60	1.60	0.00	0.00
1.40	0.00	0.00	0.00	0.00
1.00	1.00	0.00	1.00	0.00
1.00	1.00	1.00	1.00	0.00
0.90	0.00	0.00	1.00	0.00
1.00	1.30	0.00	0.00	1.30
1.00	1.30	1.00	0.00	1.30
0.90	0.00	0.00	0.00	1.30
0.90	0.00	0.90	0.00	1.30

STATÝK ANALÝZ YÜK KOMBÝNASYON NOTASYONLARI:
1. G+G+G+G+G : GENEL ÖLÜ YÜK
2. Q+Q+Q+Q+Q : 1. GENEL HAREKETLÝ YÜK
3. Q+o+Q+o+Q : 2. HAREKETLÝ YÜK
4. o+Q+o+Q+o : 3. HAREKETLÝ YÜK
5. Q+Q+o+Q+Q : 4. HAREKETLÝ YÜK
6. o+Q+Q+o+Q : 5. HAREKETLÝ YÜK
7. Q+o+Q+Q+o : 6. HAREKETLÝ YÜK
8. Gz : Yatay zemin itkisi
9. Ex + %5 x ey : X yönü deprem + %5 eksantrisite
10. Ex - %5 x ey : X yönü deprem - %5 eksantrisite
11. Ey + %5 x ex : Y yönü deprem + %5 eksantrisite
12. Ey - %5 x ex : Y yönü deprem - %5 eksantrisite
13. Wx + %5 x ey : X yönü rüzgar + %5 eksantrisite
14. Wx - %5 x ey : X yönü rüzgar - %5 eksantrisite
15. Wy + %5 x ex : Y yönü rüzgar + %5 eksantrisite
16. Wy - %5 x ex : Y yönü rüzgar - %5 eksantrisite

MESH BILGILERI

Mesh no	I	J	K	L	Mesh no	I	J	K	L	Mesh no	I	J	K	L
1	1	2	5	3	2	2	4	8	5	3	4	7	12	8
4	7	11	17	12	5	11	16	23	17	6	16	22	30	23
7	22	29	38	30	8	29	37	47	38	9	37	46	56	47
10	46	55	65	56	11	55	64	74	65	12	64	73	83	74
13	73	82	92	83	14	82	91	101	92	15	91	100	110	101
16	100	109	119	110	17	109	118	128	119	18	118	127	136	128
19	3	5	9	6	20	5	8	13	9	21	8	12	18	13
22	12	17	24	18	23	17	23	31	24	24	23	30	39	31
25	30	38	48	39	26	38	47	57	48	27	47	56	66	57
28	56	65	75	66	29	65	74	84	75	30	74	83	93	84
31	83	92	102	93	32	92	101	111	102	33	101	110	120	111
34	110	119	129	120	35	119	128	137	129	36	128	136	144	137
37	6	9	14	10	38	9	13	19	14	39	13	18	25	19
40	18	24	32	25	41	24	31	40	32	42	31	39	49	40
43	39	48	58	49	44	48	57	67	58	45	57	66	76	67
46	66	75	85	76	47	75	84	94	85	48	84	93	103	94
49	93	102	112	103	50	102	111	121	112	51	111	120	130	121
52	120	129	138	130	53	129	137	145	138	54	137	144	151	145
55	10	14	20	15	56	14	19	26	20	57	19	25	33	26
58	25	32	41	33	59	32	40	50	41	60	40	49	59	50
61	49	58	68	59	62	58	67	77	68	63	67	76	86	77
64	76	85	95	86	65	85	94	104	95	66	94	103	113	104
67	103	112	122	113	68	112	121	131	122	69	121	130	139	131
70	130	138	146	139	71	138	145	152	146	72	145	151	157	152
73	15	20	27	21	74	20	26	34	27	75	26	33	42	34
76	33	41	51	42	77	41	50	60	51	78	50	59	69	60
79	59	68	78	69	80	68	77	87	78	81	77	86	96	87
82	86	95	105	96	83	95	104	114	105	84	104	113	123	114
85	113	122	132	123	86	122	131	140	132	87	131	139	147	140
88	139	146	153	147	89	146	152	158	153	90	152	157	162	158
91	21	27	35	28	92	27	34	43	35	93	34	42	52	43
94	42	51	61	52	95	51	60	70	61	96	60	69	79	70
97	69	78	88	79	98	78	87	97	88	99	87	96	106	97
100	96	105	115	106	101	105	114	124	115	102	114	123	133	124
103	123	132	141	133	104	132	140	148	141	105	140	147	154	148
106	147	153	159	154	107	153	158	163	159	108	158	162	166	163
109	28	35	44	36	110	35	43	53	44	111	43	52	62	53
112	52	61	71	62	113	61	70	80	71	114	70	79	89	80
115	79	88	98	89	116	88	97	107	98	117	97	106	116	107
118	106	115	125	116	119	115	124	134	125	120	124	133	142	134
121	133	141	149	142	122	141	148	155	149	123	148	154	160	155
124	154	159	164	160	125	159	163	167	164	126	163	166	169	167
127	36	44	54	45	128	44	53	63	54	129	53	62	72	63
130	62	71	81	72	131	71	80	90	81	132	80	89	99	90
133	89	98	108	99	134	98	107	117	108	135	107	116	126	117
136	116	125	135	126	137	125	134	143	135	138	134	142	150	143
139	142	149	156	150	140	149	155	161	156	141	155	160	165	161
142	160	164	168	165	143	164	167	170	168	144	167	169	171	170

NOKTA YUKLERI (t) - (m)

Nokta no	1 q	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w
1 Pz:	27.67	3.23	3.23	3.23	3.23	3.23	3.23	0.00	-13.05	-11.88	20.70	23.33	-.83	-.76	2.91	3.29
1 Mx:	-4.12	-.47	-.47	-.48	-.47	-.47	-.47	0.00	1.11	.80	-2.97	-3.68	.07	.05	-.41	-.51
1 My:	-2.77	-.34	-.34	-.32	-.32	-.34	-.34	0.00	1.24	1.29	-1.05	-.93	.08	.08	-.14	-.12
7 Pz:	30.07	3.70	3.70	3.70	3.70	3.70	3.70	0.00	-8.96	-8.42	18.09	19.31	-.57	-.54	2.53	2.71
7 Mx:	-.69	-.10	-.06	-.12	-.11	-.06	-.11	0.00	-2.38	-2.77	.12	-.78	-.16	-.18	.04	-.10
7 My:	-5.53	-.77	-.77	-.64	-.65	-.78	-.76	0.00	1.41	1.56	-.64	-.29	.09	.10	-.06	0.00
10 Pz:	54.69	8.11	8.11	8.11	8.11	8.11	8.11	0.00	-24.81	-20.55	19.46	29.00	-1.59	-1.33	2.54	3.90
10 Mx:	-13.46	-1.94	-1.99	-1.98	-1.98	-1.99	-1.94	0.00	3.47	2.32	-4.71	-7.28	.21	.14	-.61	-.98
10 My:	-13.69	-2.07	-1.91	-2.19	-2.18	-1.92	-2.09	0.00	5.31	5.54	3.35	3.96	.32	.35	.59	.72
11 Pz:	30.07	3.70	3.70	3.70	3.70	3.70	3.70	0.00	-8.96	-8.42	18.09	19.31	-.57	-.54	2.53	2.71
11 Mx:	-.69	-.10	-.06	-.12	-.11	-.06	-.11	0.00	-2.38	-2.77	.12	-.78	-.16	-.18	.04	-.10
11 My:	-5.53	-.77	-.77	-.64	-.65	-.78	-.76	0.00	1.41	1.56	-.64	-.29	.09	.10	-.06	0.00
22 Pz:	23.75	2.44	2.44	2.44	2.44	2.44	2.44	0.00	1.76	3.14	30.15	33.22	.10	.18	4.20	4.64
22 Mx:	1.85	.19	.18	.20	.20	.18	.19	0.00	-.45	-.41	2.47	2.54	-.03	-.03	.35	.36
22 My:	-.60	-.14	-.08	-.06	-.07	-.10	-.10	0.00	-1.33	.76	47.10	51.90	-.11	.03	7.32	8.07
29 Pz:	23.75	2.44	2.44	2.44	2.44	2.44	2.44	0.00	1.76	3.14	30.15	33.22	.10	.18	4.20	4.64
29 Mx:	1.85	.19	.18	.20	.20	.18	.19	0.00	-.45	-.41	2.47	2.54	-.03	-.03	.35	.36
29 My:	-.60	-.14	-.08	-.06	-.07	-.10	-.10	0.00	-1.33	.76	47.10	51.90	-.11	.03	7.32	8.07
30 Pz:	23.75	2.44	2.44	2.44	2.44	2.44	2.44	0.00	1.76	3.14	30.15	33.22	.10	.18	4.20	4.64
30 Mx:	1.85	.19	.18	.20	.20	.18	.19	0.00	-.45	-.41	2.47	2.54	-.03	-.03	.35	.36
30 My:	-.60	-.14	-.08	-.06	-.07	-.10	-.10	0.00	-1.33	.76	47.10	51.90	-.11	.03	7.32	8.07
38 Pz:	23.75	2.44	2.44	2.44	2.44	2.44	2.44	0.00	1.76	3.14	30.15	33.22	.10	.18	4.20	4.64
38 Mx:	1.85	.19	.18	.20	.20	.18	.19	0.00	-.45	-.41	2.47	2.54	-.03	-.03	.35	.36
38 My:	-.60	-.14	-.08	-.06	-.07	-.10	-.10	0.00	-1.33	.76	47.10	51.90	-.11	.03	7.32	8.07
39 Pz:	23.75	2.44	2.44	2.44	2.44	2.44	2.44	0.00	1.76	3.14	30.15	33.22	.10	.18	4.20	4.64
39 Mx:	1.85	.19	.18	.20	.20	.18	.19	0.00	-.45	-.41	2.47	2.54	-.03	-.03	.35	.36
39 My:	-.60	-.14	-.08	-.06	-.07	-.10	-.10	0.00	-1.33	.76	47.10	51.90	-.11	.03	7.32	8.07
45 Pz:	43.10	6.98	6.98	6.98	6.98	6.98	6.98	0.00	-106.23	-95.13	-42.16	-16.93	-6.90	-6.18	-6.64	-2.89
45 Mx:	-6.07	-.98	-.97	-.98	-.98	-.98	-.98	0.00	14.35	12.87	5.68	2.30	.92	.83	.89	.40
45 My:	5.89	1.00	.92	1.01	1.01	.92	1.00	0.00	-15.66	-13.48	-2.65	2.31	-1.02	-.88	-.45	.30
48 Pz:	23.75	2.44	2.44	2.44	2.44	2.44	2.44	0.00	1.76	3.14	30.15	33.22	.10	.18	4.20	4.64
48 Mx:	1.85	.19	.18	.20	.20	.18	.19	0.00	-.45	-.41	2.47	2.54	-.03	-.03	.35	.36
48 My:	-.60	-.14	-.08	-.06	-.07	-.10	-.10	0.00	-1.33	.76	47.10	51.90	-.11	.03	7.32	8.07
51 Pz:	66.33	11.54	11.54	11.54	11.54	11.54	11.54	0.00	-11.60	-9.57	37.51	42.13	-.77	-.64	5.29	5.97
51 Mx:	31.65	5.47	5.47	5.57	5.57	5.49	5.46	0.00	-10.65	-9.54	17.91	20.43	-.71	-.64	2.52	2.89
51 My:	25.03	4.36	4.51	4.15	4.17	4.51	4.34	0.00	-4.27	-2.81	22.14	25.46	-.29	-.20	3.22	3.73
54 Pz:	25.45	4.25	4.25	4.25	4.25	4.25	4.25	0.00	-21.43	-20.60	-21.52	-19.66	-1.36	-1.30	-3.11	-2.84
54 Mx:	-2.97	-.50	-.50	-.50	-.50	-.50	-.50	0.00	2.02	1.99	2.44	2.37	.12	.12	.35	.34
54 My:	3.17	.54	.52	.54	.54	.52	.54	0.00	-2.72	-2.52	-2.15	-1.71	-.17	-.16	-.31	-.24
63 Pz:	25.45	4.25	4.25	4.25	4.25	4.25	4.25	0.00	-21.43	-20.60	-21.52	-19.66	-1.36	-1.30	-3.11	-2.84
63 Mx:	-2.97	-.50	-.50	-.50	-.50	-.50	-.50	0.00	2.02	1.99	2.44	2.37	.12	.12	.35	.34
63 My:	3.17	.54	.52	.54	.54	.52	.54	0.00	-2.72	-2.52	-2.15	-1.71	-.17	-.16	-.31	-.24
64 Pz:	41.28	5.15	5.15	5.15	5.15	5.15	5.15	0.00	-21.26	-26.12	81.03	70.16	-1.28	-1.58	12.01	10.45
64 Mx:	-1.30	-.14	-.15	-.17	-.16	-.14	-.15	0.00	-.42	-.40	-2.64	-2.60	-.03	-.03	-.38	-.38
64 My:	-.95	-.16	-.09	-.05	-.06	-.11	-.13	0.00	.20	-2.09	101.06	95.77	.05	-.11	16.07	15.23
69 Pz:	35.57	4.81	4.81	4.81	4.81	4.81	4.81	0.00	19.40	18.84	16.65	15.46	1.23	1.19	2.50	2.34
69 Mx:	-12.27	-1.65	-1.63	-1.71	-1.70	-1.66	-1.62	0.00	-10.03	-9.73	-5.93	-5.27	-.65	-.63	-.90	-.80
69 My:	13.27	1.77	1.79	1.78	1.78	1.79	1.78	0.00	7.09	7.28	15.24	15.71	.44	.46	2.33	2.42
72 Pz:	37.30	5.92	5.92	5.92	5.92	5.92	5.92	0.00	21.87	15.71	-27.18	-41.27	1.52	1.12	-3.50	-5.61
72 Mx:	-3.84	-.63	-.62	-.62	-.62	-.62	-.62	0.00	-3.48	-2.69	2.50	4.32	-.25	-.19	.30	.58
72 My:	5.59	.92	.85	.93	.93	.85	.92	0.00	5.86	4.93	.08	-2.05	.39	.33	.13	-.18
74 Pz:	41.28	5.15	5.15	5.15	5.15	5.15	5.15	0.00	-21.26	-26.12	81.03	70.16	-1.28	-1.58	12.01	10.45
74 Mx:	-1.30	-.14	-.15	-.17	-.16	-.14	-.15	0.00	-.42	-.40	-2.64	-2.60	-.03	-.03	-.38	-.38
74 My:	-.95	-.16	-.09	-.05	-.06	-.11	-.13	0.00	.20	-2.09	101.06	95.77	.05	-.11	16.07	15.23
79 Pz:	15.75	2.04	2.04	2.04	2.04	2.04	2.04	0.00	14.44	11.58	-25.95	-32.33	.93	.75	-3.56	-4.47
79 Mx:	1.20	.15	.15	.16	.16	.15	.15	0.00	.41	.27	-2.10	-2.41	.02	.02	-.29	-.34
79 My:	-.71	-.15	-.09	-.07	-.09	-.11	-.12	0.00	-1.45	.79	50.65	55.80	-.12	.03	7.88	8.69
81 Pz:	37.30	5.92	5.92	5.92	5.92	5.92	5.92	0.00	21.87	15.71	-27.18	-41.27	1.52	1.12	-3.50	-5.61
81 Mx:	-3.84	-.63	-.62	-.62	-.62	-.62	-.62	0.00	-3.48	-2.69	2.50	4.32	-.25	-.19	.30	.58
81 My:	5.59	.92	.85	.93	.93	.85	.92	0.00	5.86	4.93	.08	-2.05	.39	.33	.13	-.18
84 Pz:	41.28	5.15	5.15	5.15	5.15	5.15	5.15	0.00	-21.26	-26.12	81.03	70.16	-1.28	-1.58	12.01	10.45
84 Mx:	-1.30	-.14	-.15	-.17	-.16	-.14	-.15	0.00	-.42	-.40	-2.64	-2.60	-.03	-.03	-.38	-.38
84 My:	-.95	-.16	-.09	-.05	-.06	-.11	-.13	0.00	.20	-2.09	101.06	95.77	.05	-.11	16.07	15.23
88 Pz:	15.75	2.04	2.04	2.04	2.04	2.04	2.04	0.00	14.44	11.58	-25.95	-32.33	.93	.75	-3.56	-4.47
88 Mx:	1.20	.15	.15	.16	.16	.15	.15	0.00	.41	.27	-2.10	-2.41	.02	.02	-.29	-.34
88 My:	-.71	-.15	-.09	-.07	-.09	-.11	-.12	0.00	-1.45	.79	50.65	55.80	-.12	.03	7.88	8.69
89 Pz:	15.75	2.04	2.04	2.04	2.04	2.04	2.04	0.00	14.44	11.58	-25.95	-32.33	.93	.75	-3.56	-4.47
89 Mx:	1.20	.15	.15	.16	.16	.15	.15	0.00	.41	.27	-2.10	-2.41	.02	.02	-.29	-.34
89 My:	-.71	-.15	-.09	-.07	-.09	-.11	-.12	0.00	-1.45	.79	50.65	55.80	-.12	.03	7.88	8.69
91 Pz:	42.64	6.71	6.71	6.71	6.71	6.71	6.71	0.00	-16.86	-23.38	46.88	32.03	-1.05	-1.47	7.11	4.90
91 Mx:	3.66	.53	.53	.52	.53	.52	.53	0.00	-12.72	-14.72	5.94	1.36	-.81	-.94	.97	.28
91 My:	-6.00	-.94	-.98	-.90	-.91	-.97	-.94	0.00	4.17	5.29	-3.74	-1.19	.26	.33	-.55	-.17
94 Pz:	25.80	4.37	4.37	4.37	4.37	4.37	4.37	0.00	-5.25	-5.29	-37.15	-37.21	-.33	-.33	-5.54	-5.54
94 Mx:	6.26	1.22	.97	1.18	1.19	1.20	.98	0.00	-5.77	-5.87	-7.79	-8.02	-.38	-.39	-1.16	-1.19
94 My:	3.83	.63	.66	.63	.63	.64	.65	0.00	-.73	-.81	-1.15	-1.34	-.04	-.05	-.13	-.16
98 Pz:	15.75	2.04	2.04	2.04	2.04	2.04	2.04	0.00	14.44	11.58	-25.95	-32.33	.93	.75	-3.56	-4.47
98 Mx:	1.20	.15	.15	.16	.16	.15	.15	0.00	.41	.27	-2.10	-2.41	.02	.02	-.29	-.34
98 My:	-.71	-.15	-.09	-.07	-.09	-.11	-.12	0.00	-1.45	.79	50.65	55.80	-.12	.03	7.88	8.69
99 Pz:	15.75	2.04	2.04	2.04	2.04	2.04	2.04	0.00	14.44	11.58	-25.95	-32.33	.93	.75	-3.56	-4.47
99 Mx:	1.20	.15	.15	.16	.16	.15	.15	0.00	.41	.27	-2.10	-2.41	.02	.02	-.29	-.34
99 My:	-.71	-.15	-.09	-.07	-.09	-.11	-.12	0.00	-1.45	.79	50.65	55.80	-.12	.03	7.88	8.69
100 Pz:	42.64	6.71	6.71	6.71	6.71	6.71	6.71	0.00	-16.86	-23.38	46.88	32.03	-1.05	-1.47	7.11	4.90
100 Mx:	3.66	.53	.53	.52	.53	.52	.53	0.00	-12.72	-14.72	5.94	1.36	-.81	-.94	.97	.28
100 My:	-6.00	-.94	-.98	-.90	-.91	-.97	-.94	0.00	4.17	5.29	-3.74	-1.19	.26	.33	-.55	-.17
104 Pz:	25.80	4.37	4.37	4.37	4.37	4.37	4.37	0.00	-5.25	-5.29	-37.15	-37.21	-.33	-.33	-5.54	-5.54
104 Mx:	6.26	1.22	.97	1.18	1.19	1.20	.98	0.00	-5.77	-5.87	-7.79	-8.02	-.38	-.39	-1.16	-1.19
104 My:	3.83	.63	.66	.63	.63	.64	.65	0.00	-.73	-.81	-1.15	-1.34	-.04	-.05	-.13	-.16
108 Pz:	15.75	2.04	2.04	2.04	2.04	2.04	2.04	0.00	14.44	11.58	-25.95	-32.33	.93	.75	-3.56	-4.47
108 Mx:	1.20	.15	.15	.16	.16	.15	.15	0.00	.41	.27	-2.10	-2.41	.02	.02	-.29	-.34
108 My:	-.71	-.15	-.09	-.07	-.09	-.11	-.12	0.00	-1.45	.79	50.65	55.80	-.12	.03	7.88	8.69
109 Pz:	28.25	4.70	4.70	4.70	4.70	4.70	4.70	0.00	24.32	24.99	24.63	26.15	1.53	1.57	3.51	3.73
109 Mx:	.47	.08	.08	.08	.08	.08	.08	0.00	-.08	0.00	.34	.52	-.01	0.00	.04	.07
109 My:	-3.49	-.57	-.59	-.57	-.57	-.59	-.57	0.00	-3.08	-3.07	-2.54	-2.52	-.19	-.19	-.36	-.35
114 Pz:	24.31	3.56	3.56	3.56	3.56	3.56	3.56	0.00	.48	.08	10.27	9.34	.04	.01	1.63	1.49
114 Mx:	.41	.08	.07	.07	.07	.08	.07	0.00	-1.67	-1.55	.12	.39	-.11	-.11	.01	.05
114 My:	-4.50	-.64	-.67	-.60	-.61	-.66	-.64	0.00	-.07	-.31	11.91	11.36	0.00	-.02	1.90	1.81
118 Pz:	28.25	4.70	4.70	4.70	4.70	4.70	4.70	0.00	24.32	24.99	24.63	26.15	1.53	1.57	3.51	3.73
118 Mx:	.47	.08	.08	.08	.08	.08	.08	0.00	-.08	0.00	.34	.52	-.01	0.00	.04	.07
118 My:	-3.49	-.57	-.59	-.57	-.57	-.59	-.57	0.00	-3.08	-3.07	-2.54	-2.52	-.19	-.19	-.36	-.35
124 Pz:	54.13	6.35	6.35	6.35	6.35	6.35	6.35	0.00	-8.89	-6.36	-58.71	-53.09	-.59	-.43	-8.49	-7.68
124 Mx:	-.68	-.02	-.03	-.03	-.03	-.02	-.03	0.00	-2.29	-2.16	2.39	2.70	-.16	-.15	.34	.39
124 My:	-5.66	-.83	-.78	-.66	-.68	-.79	-.79	0.00	.17	-2.54	119.93	113.68	.05	-.14	19.10	18.10
127 Pz:	43.56	7.19	7.19	7.19	7.19	7.19	7.19	0.00	92.61	101.39	27.99	47.97	5.81	6.38	3.54	6.51
127 Mx:	2.75	.45	.45	.45	.45	.45	.45	0.00	8.74	9.83	1.10	3.59	.54	.61	.10	.47
127 My:	-5.83	-.97	-.99	-.93	-.94	-.99	-.96	0.00	-13.19	-14.70	-.47	-3.92	-.82	-.92	.06	-.46
131 Pz:	54.21	8.44	8.44	8.44	8.44	8.44	8.44	0.00	-15.79	-15.40	-11.59	-10.72	-1.00	-.97	-1.66	-1.54
131 Mx:	-3.56	-.59	-.51	-.52	-.57	-.56	-.50	0.00	-14.25	-14.18	.83	.98	-.96	-.96	.11	.14
131 My:	2.72	.44	.58	.30	.34	.57	.41	0.00	-.47	-1.05	8.38	7.03	-.02	-.06	1.37	1.16
134 Pz:	29.82	2.78	2.78	2.78	2.78	2.78	2.78	0.00	-9.37	-6.44	-68.98	-62.42	-.63	-.44	-10.13	-9.18
134 Mx:	-1.09	-.10	-.10	-.10	-.10	-.10	-.10	0.00	-.61	-.61	2.28	2.30	-.04	-.04	.33	.33
134 My:	-1.16	-.19	-.12	-.06	-.07	-.13	-.15	0.00	.24	-2.23	108.02	102.32	.05	-.12	17.19	16.29
139 Pz:	54.21	8.44	8.44	8.44	8.44	8.44	8.44	0.00	-15.79	-15.40	-11.59	-10.72	-1.00	-.97	-1.66	-1.54
139 Mx:	-3.56	-.59	-.51	-.52	-.57	-.56	-.50	0.00	-14.25	-14.18	.83	.98	-.96	-.96	.11	.14
139 My:	2.72	.44	.58	.30	.34	.57	.41	0.00	-.47	-1.05	8.38	7.03	-.02	-.06	1.37	1.16
143 Pz:	29.82	2.78	2.78	2.78	2.78	2.78	2.78	0.00	-9.37	-6.44	-68.98	-62.42	-.63	-.44	-10.13	-9.18

NOKTALARIN X YONU STATIK SONUCLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
1	-12.57	-1.49	-1.50	-1.51	-1.50	-1.50	-1.50	0.00	4.50	3.60	-7.20	-9.24	.29	.23	-.98	-1.28
2	12.28	1.75	1.75	1.75	1.75	1.74	1.75	0.00	-10.57	-9.56	2.26	4.54	-.68	-.62	.28	.61
3	1.91	.24	.24	.24	.24	.24	.24	0.00	-.97	-.84	.76	1.05	-.06	-.05	.10	.14
4	13.38	2.01	2.00	2.01	2.01	2.00	2.01	0.00	-13.41	-11.97	-.84	2.42	-.86	-.77	-.19	.29
5	8.57	1.22	1.21	1.21	1.21	1.21	1.21	0.00	-8.08	-7.32	2.80	4.54	-.52	-.47	.37	.62
6	2.26	.33	.35	.33	.33	.35	.33	0.00	-.73	-.46	1.14	1.76	-.05	-.03	.16	.25
7	-2.13	-.17	-.17	-.18	-.18	-.17	-.17	0.00	-6.70	-5.73	-.63	1.57	-.44	-.37	-.11	.21
8	12.14	1.69	1.69	1.69	1.69	1.69	1.69	0.00	-11.73	-10.37	4.75	7.81	-.76	-.67	.62	1.07
9	7.27	1.02	1.01	1.01	1.01	1.01	1.02	0.00	-8.10	-7.36	2.15	3.82	-.52	-.48	.28	.52
10	-19.52	-2.83	-2.89	-2.87	-2.87	-2.89	-2.83	0.00	5.46	3.81	-6.99	-10.68	.34	.24	-.91	-1.44
11	-6.36	-.50	-.50	-.51	-.51	-.50	-.50	0.00	-7.81	-6.54	-9.83	-6.98	-.51	-.43	-1.46	-1.04
12	5.87	1.11	1.10	1.11	1.11	1.10	1.11	0.00	-11.59	-10.13	-6.24	-2.95	-.75	-.66	-.96	-.48
13	12.08	1.75	1.74	1.74	1.74	1.74	1.75	0.00	-12.92	-11.52	1.85	5.00	-.83	-.75	.20	.66
14	11.11	1.62	1.61	1.61	1.61	1.61	1.62	0.00	-10.26	-9.13	2.02	4.57	-.66	-.59	.23	.60
15	4.29	.63	.63	.64	.64	.63	.63	0.00	-1.49	-1.23	.83	1.40	-.09	-.08	.10	.17
16	.42	.45	.46	.43	.44	.46	.44	0.00	-14.49	-12.10	-6.83	-1.45	-.94	-.79	-1.13	-.35
17	1.83	.59	.60	.58	.58	.60	.58	0.00	-11.81	-10.38	-8.32	-5.08	-.76	-.67	-1.27	-.80
18	10.12	1.55	1.55	1.55	1.55	1.55	1.55	0.00	-14.44	-12.84	-1.63	1.97	-.93	-.83	-.31	.21
19	12.73	1.84	1.83	1.83	1.83	1.83	1.84	0.00	-14.29	-12.74	.53	4.02	-.92	-.82	0.00	.51
20	7.04	1.04	1.03	1.03	1.03	1.03	1.04	0.00	-9.36	-8.46	-.74	1.31	-.61	-.55	-.16	.15
21	.01	.01	.01	.01	.01	.01	.01	0.00	-.65	-.61	-.49	-.41	-.04	-.04	-.07	-.06
22	-4.68	-.44	-.44	-.44	-.44	-.44	-.44	0.00	-9.54	-8.93	9.74	11.11	-.61	-.57	1.42	1.62
23	.94	.47	.48	.45	.46	.48	.46	0.00	-13.59	-11.57	-6.53	-1.98	-.88	-.75	-1.06	-.40
24	6.88	1.18	1.18	1.17	1.18	1.18	1.17	0.00	-14.84	-13.12	-3.40	.47	-.96	-.85	-.58	-.02
25	10.70	1.56	1.55	1.56	1.56	1.55	1.56	0.00	-16.27	-14.52	-2.12	1.81	-1.05	-.94	-.40	.18
26	12.53	1.82	1.82	1.82	1.82	1.82	1.83	0.00	-15.50	-13.79	-1.11	2.75	-1.00	-.89	-.25	.31
27	7.46	1.10	1.09	1.09	1.09	1.09	1.10	0.00	-9.57	-8.48	-.91	1.57	-.62	-.55	-.20	.17
28	-.38	-.06	-.06	-.06	-.06	-.06	-.06	0.00	1.50	1.34	.89	.53	.10	.09	.14	.08
29	.64	.37	.38	.39	.39	.38	.38	0.00	-17.62	-21.04	47.60	39.88	-1.08	-1.30	7.34	6.20
30	-4.94	-.38	-.37	-.39	-.39	-.37	-.38	0.00	-9.85	-8.87	.29	2.50	-.63	-.57	0.00	.32
31	2.39	.68	.68	.67	.68	.69	.68	0.00	-14.29	-12.39	-8.04	-3.77	-.92	-.80	-1.27	-.65
32	7.35	1.17	1.17	1.18	1.18	1.17	1.17	0.00	-17.28	-15.40	-3.29	.95	-1.11	-.99	-.57	.04
33	7.06	.93	.92	.92	.92	.92	.93	0.00	-17.26	-15.39	-5.98	-1.76	-1.11	-.99	-.96	-.34
34	10.04	1.45	1.44	1.45	1.45	1.44	1.45	0.00	-15.87	-14.01	-2.24	1.98	-1.03	-.91	-.43	.19
35	5.28	.74	.74	.74	.74	.74	.74	0.00	-8.60	-7.49	-.51	2.00	-.56	-.49	-.14	.23
36	5.39	.87	.87	.87	.87	.87	.87	0.00	-13.63	-12.20	-6.32	-3.06	-.88	-.79	-.98	-.50
37	10.53	1.73	1.75	1.76	1.75	1.74	1.74	0.00	-21.02	-25.06	47.08	37.97	-1.29	-1.55	7.31	5.98
38	-.25	.32	.33	.33	.33	.33	.33	0.00	-16.02	-18.59	28.28	22.50	-.99	-1.15	4.41	3.56
39	-7.94	-.38	-.37	-.38	-.38	-.37	-.38	0.00	-8.54	-7.90	-31.75	-30.29	-.55	-.50	-4.61	-4.40
40	1.87	.71	.71	.71	.71	.71	.71	0.00	-17.04	-14.95	-10.59	-5.89	-1.10	-.97	-1.65	-.96
41	2.74	.39	.37	.42	.41	.37	.39	0.00	-18.96	-17.06	-9.47	-5.19	-1.22	-1.10	-1.47	-.85
42	9.63	1.42	1.42	1.42	1.42	1.42	1.42	0.00	-20.59	-18.22	-4.91	.46	-1.34	-1.18	-.84	-.05
43	6.08	.81	.81	.81	.81	.81	.82	0.00	-16.13	-13.99	-1.39	3.47	-1.06	-.92	-.33	.39
44	-.62	-.23	-.23	-.23	-.23	-.23	-.23	0.00	-1.12	-.56	4.75	6.01	-.08	-.05	.64	.83
45	-30.63	-4.97	-4.96	-4.97	-4.97	-4.96	-4.97	0.00	73.94	66.41	38.07	20.97	4.79	4.30	5.87	3.34
46	8.20	1.05	1.05	1.06	1.06	1.05	1.05	0.00	-.99	-1.76	8.32	6.57	-.05	-.10	1.34	1.08
47	8.80	1.49	1.50	1.51	1.50	1.49	1.49	0.00	-17.01	-20.22	31.28	24.06	-1.04	-1.25	4.91	3.85
48	-4.62	.06	.07	.07	.07	.06	.06	0.00	-10.95	-12.71	-16.70	-20.66	-.68	-.79	-2.22	-2.79
49	-3.16	.27	.27	.26	.26	.27	.27	0.00	-9.05	-7.95	-32.85	-30.37	-.58	-.51	-4.81	-4.44
50	6.53	1.39	1.38	1.40	1.40	1.39	1.38	0.00	-20.17	-18.04	-4.35	.46	-1.30	-1.16	-.73	-.03
51	-6.59	-1.18	-1.18	-1.17	-1.17	-1.18	-1.18	0.00	-21.11	-19.04	-16.60	-11.92	-1.36	-1.23	-2.50	-1.81
52	2.00	.17	.17	.16	.16	.17	.17	0.00	-22.92	-19.95	-5.39	1.34	-1.50	-1.31	-.95	.05
53	.80	-.03	-.03	-.03	-.03	-.03	-.03	0.00	-13.15	-11.03	2.84	7.67	-.87	-.73	.28	.99
54	-2.29	-.54	-.54	-.54	-.54	-.54	-.54	0.00	-8.37	-6.70	4.41	8.21	-.56	-.45	.52	1.09
55	-4.69	-1.00	-1.00	-1.01	-1.01	-1.00	-1.00	0.00	18.86	22.04	-36.42	-29.25	1.16	1.36	-5.59	-4.55
56	7.75	.98	.98	.98	.98	.98	.98	0.00	-.44	-.97	5.93	4.73	-.02	-.06	.93	.75
57	8.29	1.37	1.37	1.38	1.37	1.37	1.37	0.00	-12.96	-15.00	17.61	13.03	-.80	-.93	2.78	2.11
58	-.80	.44	.44	.44	.44	.44	.44	0.00	-9.04	-9.94	-25.95	-27.96	-.56	-.62	-3.66	-3.95
59	-1.13	.38	.38	.38	.38	.38	.38	0.00	-19.67	-18.00	-5.74	-2.00	-1.26	-1.16	-.92	-.38
60	8.52	1.90	1.90	1.91	1.91	1.90	1.90	0.00	-28.01	-25.16	-.46	5.95	-1.80	-1.62	-.19	.74
61	6.21	1.11	1.13	1.10	1.10	1.13	1.11	0.00	-28.98	-25.59	-5.72	1.97	-1.88	-1.66	-.99	.14
62	-.14	-.11	-.11	-.11	-.11	-.11	-.11	0.00	-24.61	-20.93	2.34	10.70	-1.62	-1.38	.12	1.36
63	-4.00	-.87	-.87	-.87	-.87	-.87	-.87	0.00	-11.09	-8.82	6.51	11.69	-.75	-.60	.79	1.56
64	-23.90	-2.49	-2.53	-2.55	-2.54	-2.52	-2.51	0.00	36.25	43.32	-136.73	-120.83	2.20	2.65	-20.91	-18.58
65	-3.59	-.80	-.81	-.82	-.82	-.81	-.81	0.00	17.02	19.72	-29.85	-23.77	1.05	1.22	-4.62	-3.73
66	8.08	1.01	1.01	1.01	1.01	1.01	1.01	0.00	-.28	-.63	5.77	4.99	-.01	-.04	.86	.75
67	6.57	1.12	1.12	1.12	1.12	1.12	1.12	0.00	-11.28	-12.44	3.34	.73	-.70	-.78	.60	.22
68	.33	.36	.36	.35	.35	.36	.36	0.00	-15.23	-14.40	-3.28	-1.43	-.97	-.92	-.51	-.24
69	-5.39	-.20	-.20	-.20	-.20	-.20	-.20	0.00	-27.50	-24.83	23.12	29.10	-1.76	-1.60	3.21	4.07
70	11.74	2.46	2.45	2.48	2.48	2.46	2.46	0.00	-32.05	-28.98	-2.16	4.75	-2.06	-1.86	-.44	.57
71	2.72	.64	.65	.64	.64	.64	.64	0.00	-39.32	-34.11	1.84	13.66	-2.57	-2.24	-.02	1.73
72	-9.90	-1.64	-1.64	-1.64	-1.64	-1.64	-1.64	0.00	-38.64	-32.15	9.60	24.40	-2.57	-2.15	.98	3.19
73	11.08	2.81	2.80	2.80	2.81	2.81	2.81	0.00	25.46	27.84	-30.94	-25.60	1.58	1.73	-4.68	-3.91
74	-14.43	-1.38	-1.39	-1.40	-1.39	-1.39	-1.39	0.00	30.27	35.04	-69.43	-58.74	1.85	2.16	-10.52	-8.97
75	-1.31	-.55	-.55	-.56	-.56	-.55	-.55	0.00	14.55	16.15	-9.86	-6.25	.91	1.01	-1.56	-1.03
76	8.08	1.01	1.02	1.01	1.01	1.02	1.02	0.00	-.26	-.52	4.59	4.02	-.01	-.03	.67	.59
77	6.53	.95	.95	.95	.95	.95	.95	0.00	-8.16	-8.11	-.86	-.75	-.52	-.52	-.12	-.10
78	-.09	-.15	-.15	-.15	-.15	-.15	-.15	0.00	-16.52	-14.59	21.31	25.65	-1.07	-.95	2.97	3.60
79	.66	.72	.72	.73	.73	.72	.72	0.00	-28.26	-25.13	24.16	31.17	-1.81	-1.62	3.37	4.38
80	12.12	2.71	2.71	2.72	2.72	2.71	2.71	0.00	-40.46	-36.46	-3.44	5.56	-2.60	-2.35	-.66	.65
81	-7.24	-.93	-.93	-.93	-.93	-.93	-.93	0.00	-44.30	-37.53	9.62	25.04	-2.92	-2.48	.99	3.28
82	13.11	2.67	2.67	2.68	2.68	2.67	2.67	0.00	31.81	35.27	-8.65	-.82	1.99	2.22	-1.40	-.24
83	9.90	2.49	2.48	2.48	2.48	2.49	2.48	0.00	23.63	25.88	-25.82	-20.77	1.47	1.61	-3.94	-3.21
84	-10.67	-1.07	-1.07	-1.06	-1.06	-1.07	-1.07	0.00	25.55	28.67	-25.26	-18.29	1.58	1.77	-3.71	-2.71
85	.53	-.23	-.23	-.23	-.23	-.23	-.23	0.00	12.85	13.49	-.86	.60	.81	.85	-.17	.04
86	7.75	.99	.99	.99	.99	.99	.99	0.00	.41	.16	1.08	.53	.03	.01	.17	.09
87	5.49	.55	.56	.55	.55	.55	.55	0.00	-11.38	-10.18	-6.65	-3.96	-.74	-.66	-1.06	-.67
88	-4.53	-.80	-.79	-.80	-.80	-.79	-.79	0.00	-21.34	-18.17	11.05	18.15	-1.38	-1.18	1.36	2.39
89	6.12	1.70	1.70	1.71	1.71	1.70	1.70	0.00	-22.42	-20.45	-8.93	-4.54	-1.43	-1.30	-1.37	-.74
90	14.45	3.25	3.25	3.26	3.26	3.25	3.25	0.00	-43.12	-39.03	-4.69	4.51	-2.77	-2.51	-.84	.50
91	-4.01	-.37	-.36	-.35	-.35	-.36	-.36	0.00	33.14	38.09	3.88	15.16	2.09	2.41	.43	2.11
92	13.88	2.76	2.76	2.76	2.76	2.76	2.76	0.00	31.25	34.19	3.61	10.28	1.97	2.15	.40	1.39
93	10.56	2.47	2.46	2.47	2.47	2.47	2.46	0.00	21.17	23.09	-12.08	-7.78	1.32	1.44	-1.84	-1.22
94	-6.01	-.73	-.72	-.72	-.72	-.72	-.73	0.00	19.40	20.71	12.64	15.55	1.21	1.29	1.96	2.37
95	2.62	.24	.24	.24	.24	.24	.24	0.00	10.69	10.62	3.73	3.57	.68	.67	.52	.50
96	7.91	1.02	1.02	1.02	1.02	1.02	1.02	0.00	.93	.67	-2.46	-3.06	.06	.04	-.34	-.43
97	6.18	.48	.48	.47	.47	.48	.48	0.00	-11.71	-9.79	-19.86	-15.53	-.77	-.64	-3.09	-2.45
98	-1.24	-.51	-.52	-.53	-.53	-.52	-.51	0.00	-14.40	-11.51	-32.49	-26.01	-.94	-.76	-5.02	-4.07
99	7.57	1.90	1.90	1.91	1.91	1.90	1.90	0.00	-18.88	-17.38	-18.52	-15.20	-1.19	-1.10	-2.76	-2.30
100	-7.72	-.95	-.95	-.94	-.95	-.95	-.95	0.00	32.96	38.44	-10.43	2.04	2.07	2.42	-1.73	.12
101	4.98	1.24	1.24	1.25	1.24	1.24	1.24	0.00	35.61	40.20	-8.61	1.83	2.24	2.53	-1.48	.07
102	12.86	2.59	2.59	2.59	2.59	2.59	2.59	0.00	25.55	27.78	-1.23	3.82	1.60	1.75	-.31	.43
103	10.63	2.38	2.38	2.38	2.38	2.38	2.38	0.00	18.76	20.61	-7.82	-3.67	1.17	1.28	-1.20	-.61
104	-3.65	-.36	-.36	-.37	-.37	-.36	-.36	0.00	16.59	17.27	10.15	11.65	1.04	1.08	1.44	1.65
105	1.39	.21	.21	.21	.21	.21	.21	0.00	12.47	11.16	8.23	5.29	.81	.72	1.24	.81
106	8.18	1.04	1.04	1.04	1.04	1.04	1.04	0.00	.66	.46	-3.70	-4.15	.04	.03	-.54	-.61
107	5.18	.10	.10	.08	.09	.10	.10	0.00	-14.72	-11.81	-33.96	-27.41	-.97	-.78	-5.27	-4.31
108	-.58	-.56	-.57	-.59	-.59	-.57	-.57	0.00	-11.47	-8.42	-50.49	-43.66	-.76	-.56	-7.72	-6.72
109	-1.60	-.14	-.14	-.13	-.14	-.14	-.14	0.00	8.84	10.44	-5.17	-1.54	.56	.66	-.80	-.26
110	2.56	.67	.68	.68	.68	.67	.68	0.00	22.01	24.96	-4.58	2.12	1.38	1.57	-.80	.19
111	10.17	2.09	2.09	2.09	2.09	2.09	2.09	0.00	27.53	29.98	7.19	12.77	1.73	1.89	.92	1.75
112	12.55	2.52	2.51	2.51	2.52	2.52	2.51	0.00	25.25	27.18	-3.53	.85	1.59	1.72	-.63	.01
113	9.82	2.14	2.13	2.13	2.13	2.14	2.13	0.00	17.00	18.25	.04	2.84	1.06	1.14	-.06	.34
114	-4.01	-.17	-.17	-.19	-.19	-.17	-.17	0.00	14.45	14.55	-.68	-.43	.91	.92	-.34	-.29
115	2.45	.65	.65	.66	.66	.65	.65	0.00	11.58	9.79	16.27	12.26	.75	.64	2.47	1.89

NOKTALARIN X YONU STATIK SONUCLARI Mx (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
120	8.07	1.68	1.68	1.69	1.68	1.68	1.68	0.00	24.10	26.36	6.37	11.50	1.52	1.66	.82	1.58
121	9.96	2.17	2.17	2.17	2.18	2.17	2.17	0.00	24.62	25.53	27.22	29.29	1.56	1.62	3.92	4.22
122	13.43	2.62	2.62	2.62	2.62	2.62	2.62	0.00	20.75	22.26	-.72	2.68	1.31	1.40	-.18	.31
123	9.83	2.19	2.18	2.18	2.18	2.18	2.18	0.00	14.51	15.79	8.92	11.79	.91	.99	1.20	1.61
124	-12.01	-.78	-.79	-.79	-.78	-.78	-.78	0.00	16.99	15.73	26.52	23.72	1.09	1.01	3.75	3.35
125	-.55	.42	.42	.43	.43	.42	.42	0.00	13.37	10.53	33.38	27.01	.88	.70	5.12	4.19
126	7.80	.91	.91	.91	.91	.91	.91	0.00	-1.27	-1.17	-7.24	-7.00	-.08	-.08	-1.15	-1.11
127	-26.77	-4.42	-4.42	-4.42	-4.42	-4.42	-4.42	0.00	-57.87	-63.11	-31.01	-42.96	-3.63	-3.96	-4.22	-6.00
128	1.33	.32	.32	.33	.32	.32	.32	0.00	1.97	2.33	-2.68	-1.87	.13	.15	-.38	-.27
129	7.94	1.53	1.54	1.55	1.54	1.54	1.54	0.00	17.42	19.09	2.02	5.83	1.10	1.20	.22	.78
130	8.78	1.94	1.95	1.96	1.95	1.95	1.95	0.00	22.20	23.40	19.98	22.72	1.40	1.47	2.85	3.25
131	-.05	.47	.47	.47	.47	.47	.47	0.00	26.55	28.10	.96	4.48	1.67	1.77	.04	.56
132	11.80	2.40	2.39	2.39	2.40	2.40	2.39	0.00	22.10	23.41	2.49	5.44	1.40	1.48	.31	.74
133	8.23	1.82	1.81	1.81	1.81	1.82	1.81	0.00	15.14	15.96	12.93	14.77	.95	1.01	1.83	2.09
134	-10.95	-.31	-.30	-.29	-.29	-.30	-.31	0.00	18.87	16.20	68.58	62.59	1.23	1.06	10.28	9.40
135	-.78	.49	.49	.50	.50	.49	.49	0.00	14.25	10.88	38.88	31.32	.94	.73	5.95	4.84
136	4.69	.78	.78	.78	.78	.78	.78	0.00	10.46	11.47	4.67	6.96	.66	.72	.62	.97
137	6.66	1.22	1.23	1.23	1.23	1.23	1.23	0.00	10.31	11.25	.91	3.05	.65	.71	.09	.40
138	9.82	1.88	1.91	1.91	1.90	1.89	1.91	0.00	18.42	20.12	-3.49	.34	1.15	1.26	-.59	-.03
139	-.19	.42	.42	.43	.42	.42	.42	0.00	25.78	27.38	-.45	3.18	1.62	1.72	-.16	.37
140	5.64	1.18	1.17	1.17	1.17	1.17	1.17	0.00	24.29	26.58	-28.76	-23.60	1.53	1.67	-4.32	-3.57
141	10.58	2.15	2.14	2.14	2.15	2.15	2.14	0.00	18.77	19.88	.15	2.64	1.19	1.26	-.03	.33
142	7.11	1.72	1.72	1.72	1.72	1.72	1.71	0.00	14.03	14.74	25.19	26.78	.89	.93	3.70	3.93
143	-17.30	-.81	-.78	-.74	-.74	-.78	-.79	0.00	20.72	16.07	133.64	123.13	1.37	1.07	20.36	18.79
144	.22	.05	.05	.05	.05	.05	.05	0.00	-.37	-.44	-.39	-.54	-.02	-.03	-.05	-.08
145	10.01	1.84	1.85	1.86	1.85	1.85	1.85	0.00	15.93	17.11	7.69	10.39	1.00	1.08	1.05	1.45
146	13.33	2.46	2.47	2.47	2.47	2.47	2.47	0.00	18.56	20.08	-4.18	-.73	1.17	1.26	-.69	-.18
147	5.04	1.06	1.07	1.07	1.06	1.06	1.07	0.00	19.92	22.00	-24.55	-19.85	1.24	1.37	-3.70	-3.01
148	8.04	1.80	1.80	1.80	1.80	1.80	1.80	0.00	20.52	21.96	-10.75	-7.51	1.29	1.39	-1.65	-1.18
149	10.84	2.13	2.12	2.12	2.12	2.13	2.11	0.00	19.54	20.46	-6.33	-4.26	1.24	1.30	-1.01	-.71
150	8.22	1.94	1.94	1.94	1.95	1.94	1.93	0.00	13.77	14.58	29.02	30.85	.87	.92	4.24	4.50
151	-.95	-.19	-.20	-.20	-.19	-.19	-.20	0.00	-2.63	-2.85	-.28	-.78	-.17	-.18	-.02	-.10
152	3.82	.52	.53	.54	.53	.53	.54	0.00	8.21	8.72	.34	1.50	.52	.55	.01	.19
153	11.63	2.23	2.26	2.26	2.24	2.24	2.26	0.00	18.66	20.13	-5.02	-1.68	1.17	1.26	-.82	-.33
154	8.26	1.80	1.81	1.81	1.80	1.80	1.81	0.00	19.73	21.32	-14.00	-10.41	1.24	1.34	-2.14	-1.62
155	3.96	1.49	1.49	1.49	1.49	1.49	1.48	0.00	18.49	18.89	4.51	5.39	1.18	1.21	.63	.75
156	11.16	2.41	2.40	2.40	2.41	2.41	2.40	0.00	18.04	18.79	4.93	6.63	1.15	1.19	.63	.88
157	3.83	.60	.67	.67	.64	.64	.66	0.00	6.78	6.94	-1.11	-.76	.44	.45	-.17	-.12
158	5.82	.87	.89	.89	.88	.88	.89	0.00	5.68	6.13	-12.50	-11.47	.36	.39	-1.84	-1.69
159	10.56	1.96	1.97	1.97	1.96	1.96	1.97	0.00	15.94	17.27	-12.73	-9.73	1.00	1.08	-1.94	-1.50
160	4.73	1.58	1.59	1.59	1.58	1.58	1.59	0.00	14.93	16.19	-3.95	-1.08	.93	1.01	-.68	-.26
161	-4.70	.25	.24	.24	.24	.25	.24	0.00	14.33	15.10	-14.04	-12.31	.91	.96	-2.23	-1.97
162	.36	.08	.06	.06	.07	.07	.06	0.00	1.11	1.31	1.14	1.61	.07	.08	.15	.22
163	8.82	1.48	1.49	1.49	1.49	1.49	1.49	0.00	9.59	10.36	-9.05	-7.30	.60	.65	-1.37	-1.11
164	12.39	2.17	2.19	2.18	2.17	2.18	2.19	0.00	15.47	17.08	-21.27	-17.62	.96	1.06	-3.23	-2.69
165	-3.83	.29	.29	.28	.28	.29	.29	0.00	14.34	14.85	-11.34	-10.20	.91	.94	-1.77	-1.60
166	.09	.03	.03	.03	.03	.03	.03	0.00	.20	.19	-.39	-.41	.01	.01	-.05	-.06
167	8.86	1.52	1.52	1.53	1.52	1.52	1.53	0.00	10.25	11.03	-9.48	-7.73	.64	.69	-1.43	-1.18
168	14.30	2.72	2.73	2.73	2.72	2.73	2.73	0.00	17.28	18.66	-11.83	-8.70	1.08	1.17	-1.84	-1.37
169	3.54	.53	.53	.53	.53	.53	.53	0.00	1.84	2.00	-2.02	-1.65	.11	.12	-.30	-.25
170	13.62	2.30	2.31	2.30	2.30	2.31	2.31	0.00	13.46	14.51	-11.69	-9.32	.84	.91	-1.78	-1.43
171	-20.27	-2.89	-2.89	-2.88	-2.89	-2.90	-2.88	0.00	-8.46	-9.50	16.80	14.44	-.51	-.57	2.50	2.14

NOKTALARIN Y YONU STATIK SONUCLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
1	-9.321	-1.176	-1.186	-1.124	-1.125	-1.189	-1.176	0.000	5.003	4.913	-3.066	-3.248	.316	.312	-.399	-.415
2	1.523	.240	.240	.233	.233	.241	.240	0.000	-1.359	-1.268	-1.064	-.861	-.087	-.081	-.162	-.134
3	12.447	1.808	1.797	1.818	1.818	1.796	1.808	0.000	-11.096	-10.222	-2.008	-.036	-.714	-.658	-.334	-.046
4	2.659	.148	.155	.145	.147	.155	.147	0.000	.689	.526	7.952	7.578	.045	.034	1.149	1.093
5	8.542	1.287	1.278	1.302	1.302	1.278	1.288	0.000	-7.345	-6.796	-4.279	-3.037	-.472	-.437	-.643	-.460
6	14.245	2.054	2.033	2.069	2.068	2.033	2.055	0.000	-15.030	-14.158	-6.609	-4.634	-.965	-.910	-1.001	-.711
7	-17.936	-.755	-.793	-.740	-.745	-.792	-.751	0.000	-6.888	-5.842	-63.144	-60.758	-.448	-.379	-9.111	-8.751
8	5.273	1.083	1.074	1.090	1.090	1.074	1.084	0.000	-6.567	-6.074	-14.499	-13.380	-.422	-.390	-2.111	-1.945
9	12.294	1.808	1.779	1.836	1.834	1.780	1.811	0.000	-11.725	-11.212	-8.884	-7.725	-.750	-.717	-1.321	-1.152
10	-11.993	-1.896	-1.885	-1.889	-1.889	-1.885	-1.897	0.000	-4.743	-5.693	-16.772	-18.853	-.305	-.362	-2.338	-2.618
11	-20.237	-1.764	-1.759	-1.772	-1.770	-1.759	-1.766	0.000	-1.193	-.739	-41.299	-40.264	-.084	-.055	-5.950	-5.796
12	4.579	1.013	1.009	1.014	1.014	1.009	1.013	0.000	-5.201	-4.784	-16.612	-15.666	-.334	-.308	-2.414	-2.274
13	10.748	1.647	1.641	1.653	1.653	1.641	1.647	0.000	-9.217	-8.766	-10.822	-9.796	-.591	-.561	-1.582	-1.430
14	6.484	.868	.865	.867	.867	.865	.868	0.000	-11.384	-11.111	-10.021	-9.381	-.732	-.713	-1.445	-1.343
15	13.250	1.818	1.838	1.800	1.801	1.837	1.816	0.000	-17.967	-16.643	-4.730	-1.716	-1.159	-1.073	-.727	-.276
16	5.748	.554	.549	.559	.558	.549	.555	0.000	.126	0.000	12.404	12.113	.010	.002	1.798	1.755
17	2.817	.867	.861	.866	.866	.861	.867	0.000	-4.041	-3.580	-21.637	-20.585	-.261	-.231	-3.143	-2.986
18	10.734	1.703	1.699	1.705	1.705	1.700	1.703	0.000	-7.078	-6.716	-13.927	-13.102	-.453	-.430	-2.029	-1.907
19	11.479	1.612	1.610	1.615	1.615	1.610	1.612	0.000	-10.719	-10.277	-8.940	-7.934	-.686	-.657	-1.307	-1.156
20	9.027	1.164	1.199	1.141	1.143	1.198	1.162	0.000	-13.134	-12.256	-4.620	-2.609	-.846	-.788	-.680	-.373
21	15.055	2.035	2.048	2.022	2.023	2.047	2.034	0.000	-16.800	-15.161	2.955	6.665	-1.086	-.981	.348	.895
22	-13.519	-1.179	-1.174	-1.190	-1.188	-1.174	-1.182	0.000	-1.202	-.995	-35.640	-35.150	-.078	-.065	-5.156	-5.080
23	-.898	.196	.197	.192	.192	.197	.195	0.000	-3.716	-3.027	-12.020	-10.461	-.242	-.198	-1.774	-1.546
24	8.385	1.473	1.470	1.472	1.472	1.470	1.473	0.000	-4.343	-4.077	-21.010	-20.398	-.278	-.260	-3.050	-2.957
25	12.280	1.780	1.776	1.784	1.784	1.776	1.779	0.000	-8.325	-8.021	-11.183	-10.494	-.531	-.511	-1.630	-1.528
26	10.476	1.349	1.353	1.345	1.345	1.353	1.349	0.000	-11.246	-10.680	-4.954	-3.671	-.719	-.683	-.734	-.544
27	12.029	1.563	1.577	1.551	1.552	1.576	1.562	0.000	-12.711	-11.551	3.296	5.921	-.819	-.745	.424	.810
28	6.983	.719	.726	.710	.711	.725	.719	0.000	-4.634	-3.642	15.932	18.167	-.306	-.243	2.232	2.557
29	-11.340	-.917	-.920	-.921	-.921	-.920	-.918	0.000	-1.888	-2.764	-37.752	-39.695	-.111	-.166	-5.413	-5.688
30	-2.736	-.103	-.103	-.107	-.107	-.103	-.104	0.000	1.048	1.220	-17.990	-17.592	.065	.077	-2.613	-2.552
31	1.586	.799	.797	.792	.793	.798	.798	0.000	-.571	-.338	-39.343	-38.796	-.038	-.022	-5.698	-5.613
32	10.398	1.578	1.574	1.580	1.580	1.574	1.578	0.000	-5.135	-5.084	-17.194	-17.072	-.325	-.322	-2.489	-2.469
33	7.216	.788	.775	.805	.803	.775	.789	0.000	-8.335	-8.144	-6.662	-6.238	-.528	-.516	-.975	-.915
34	9.056	1.077	1.086	1.067	1.067	1.085	1.076	0.000	-9.693	-8.966	2.972	4.611	-.621	-.574	.399	.639
35	5.151	.456	.464	.446	.447	.463	.455	0.000	-2.944	-2.214	15.630	17.272	-.195	-.149	2.207	2.444
36	-12.605	-2.461	-2.458	-2.468	-2.468	-2.458	-2.462	0.000	23.571	22.511	36.844	34.421	1.508	1.439	5.328	4.960
37	2.441	.199	.199	.198	.198	.199	.199	0.000	.879	1.220	4.008	4.773	.052	.074	.534	.646
38	-1.718	-.009	-.009	-.005	-.005	-.009	-.008	0.000	-1.723	-2.854	-7.681	-10.220	-.098	-.169	-.987	-1.357
39	-2.767	.149	.146	.145	.145	.146	.148	0.000	3.952	3.455	-42.929	-44.024	.256	.225	-6.163	-6.316
40	5.880	1.165	1.158	1.164	1.164	1.158	1.164	0.000	.455	-.034	-39.461	-40.545	.034	.004	-5.679	-5.832
41	9.361	1.208	1.205	1.214	1.213	1.206	1.208	0.000	-6.792	-6.640	-3.446	-3.112	-.430	-.420	-.506	-.459
42	2.157	-.090	-.085	-.103	-.103	-.086	-.089	0.000	-6.722	-6.416	2.473	3.150	-.423	-.404	.351	.446
43	4.015	.300	.309	.290	.291	.308	.300	0.000	-3.238	-2.601	15.025	16.455	-.211	-.171	2.130	2.337
44	-12.792	-2.429	-2.424	-2.436	-2.435	-2.424	-2.430	0.000	23.451	22.259	35.614	32.893	1.503	1.425	5.164	4.753
45	-61.624	-10.425	-10.425	-10.433	-10.432	-10.423	-10.428	0.000	131.258	119.459	82.876	56.042	8.496	7.733	12.497	8.499
46	-.419	-.037	-.034	-.032	-.033	-.035	-.035	0.000	.005	-.127	2.900	2.598	.002	-.007	.485	.439
47	2.648	.462	.466	.471	.470	.465	.465	0.000	-6.118	-7.488	12.967	9.877	-.373	-.461	2.067	1.613
48	-2.184	.148	.143	.150	.150	.144	.148	0.000	2.518	.902	-35.825	-39.441	.176	.074	-5.029	-5.551
49	5.404	1.068	1.060	1.069	1.069	1.061	1.067	0.000	1.963	1.107	-40.776	-42.685	.133	.080	-5.844	-6.117
50	3.092	.197	.179	.217	.215	.180	.197	0.000	-5.415	-5.613	-6.892	-7.353	-.339	-.352	-1.009	-1.080
51	-8.164	-1.839	-1.837	-1.838	-1.838	-1.836	-1.840	0.000	-5.705	-5.628	3.829	3.977	-.356	-.351	.560	.576
52	5.532	.620	.641	.597	.599	.640	.618	0.000	-5.376	-4.593	17.513	19.270	-.348	-.298	2.498	2.753
53	-10.088	-1.911	-1.904	-1.918	-1.917	-1.904	-1.911	0.000	10.257	10.522	32.878	33.474	.642	.659	4.698	4.782
54	-40.325	-6.943	-6.940	-6.950	-6.949	-6.940	-6.945	0.000	58.935	55.249	62.247	53.877	3.780	3.542	9.099	7.853
55	1.870	.266	.253	.246	.248	.256	.259	0.000	-1.445	-1.346	-15.595	-15.351	-.095	-.087	-2.501	-2.453
56	2.412	.333	.337	.342	.341	.336	.336	0.000	-.268	-.900	1.129	-.300	-.010	-.051	.306	.093
57	.910	.455	.453	.461	.460	.453	.456	0.000	-.506	-2.124	-25.858	-29.488	-.016	-.119	-3.555	-4.082
58	5.138	1.027	1.022	1.026	1.026	1.023	1.026	0.000	3.325	2.477	-38.068	-39.962	.219	.166	-5.440	-5.712
59	8.242	1.032	1.029	1.037	1.037	1.029	1.032	0.000	-4.568	-4.641	-2.100	-2.267	-.288	-.293	-.305	-.331
60	3.130	.155	.158	.172	.171	.162	.151	0.000	-11.258	-10.133	35.545	38.055	-.723	-.653	5.084	5.443
61	5.581	.730	.737	.727	.728	.737	.730	0.000	-7.787	-6.927	21.230	23.147	-.498	-.445	3.032	3.305
62	-5.481	-1.050	-1.043	-1.055	-1.054	-1.043	-1.050	0.000	.225	1.335	29.329	31.842	-.005	.066	4.154	4.522
63	-33.659	-5.737	-5.732	-5.741	-5.741	-5.732	-5.738	0.000	31.705	31.029	54.835	53.316	2.005	1.961	7.878	7.652
64	-5.679	-.690	-.620	-.577	-.588	-.634	-.652	0.000	5.775	4.305	93.891	90.437	.388	.282	15.008	14.431
65	-.415	-.183	-.176	-.170	-.172	-.177	-.179	0.000	3.680	3.973	.709	1.353	.231	.249	.228	.315
66	4.082	.530	.534	.541	.539	.533	.533	0.000	.949	.016	-1.949	-4.060	.070	.010	-.080	-.393
67	4.259	.788	.785	.788	.788	.785	.788	0.000	3.935	2.923	-32.325	-34.593	.259	.195	-4.573	-4.901
68	6.696	.867	.865	.866	.866	.864	.866	0.000	-4.416	-4.452	-2.208	-2.300	-.279	-.281	-.337	-.352
69	-3.614	-.786	-.780	-.780	-.780	-.780	-.785	0.000	-15.537	-14.281	34.296	37.085	-.995	-.916	4.877	5.273
70	4.438	.782	.803	.767	.769	.801	.782	0.000	-14.749	-12.835	40.176	44.462	-.949	-.829	5.744	6.362
71	-.444	-.115	-.110	-.117	-.117	-.111	-.115	0.000	-5.052	-3.904	22.819	25.407	-.335	-.262	3.231	3.608
72	-32.402	-5.318	-5.314	-5.319	-5.318	-5.314	-5.318	0.000	-1.694	1.952	49.998	58.331	-.186	.050	6.940	8.185
73	-.297	-.092	-.105	-.113	-.111	-.102	-.099	0.000	.715	1.474	-22.245	-20.501	.038	.089	-3.516	-3.246
74	-1.532	-.118	-.108	-.100	-.102	-.110	-.112	0.000	4.770	5.152	-.186	.637	.295	.317	.163	.267
75	2.604	.111	.123	.136	.133	.122	.118	0.000	3.141	2.576	16.381	15.072	.206	.167	2.717	2.510
76	6.501	.754	.758	.760	.760	.757	.757	0.000	1.536	.710	-2.025	-3.895	.106	.053	-.143	-.419
77	7.882	.968	.970	.965	.966	.968	.969	0.000	-1.662	-1.809	.852	.517	-.104	-.113	.121	.072
78	2.247	.062	.071	.056	.057	.067	.066	0.000	-12.162	-10.955	36.527	39.220	-.783	-.707	5.192	5.579
79	.414	.040	.047	.042	.042	.046	.041	0.000	-11.293	-9.699	42.671	46.225	-.726	-.626	6.088	6.596
80	1.845	.560	.561	.560	.561	.560	.561	0.000	-11.705	-10.273	10.220	13.440	-.756	-.665	1.413	1.881
81	-26.767	-4.091	-4.087	-4.088	-4.088	-4.089	-4.089	0.000	-27.891	-21.446	44.869	59.549	-1.888	-1.472	6.070	8.254
82	5.861	.837	.843	.845	.845	.841	.840	0.000	-7.152	-9.083	24.341	19.949	-.443	-.568	3.728	3.072
83	4.073	.815	.822	.828	.827	.821	.819	0.000	2.573	2.463	2.364	2.087	.160	.151	.503	.451
84	-.076	.044	.053	.060	.059	.052	.049	0.000	6.285	6.724	-3.091	-2.145	.389	.415	-.265	-.144
85	5.071	.318	.328	.336	.334	.327	.323	0.000	2.766	1.817	20.106	17.936	.186	.123	3.226	2.896
86	7.954	.845	.847	.841	.841	.846	.846	0.000	-.497	-.808	2.955	2.251	-.029	-.048	.434	.331
87	4.223	.256	.261	.252	.252	.260	.257	0.000	-8.154	-7.303	33.640	35.542	-.526	-.472	4.767	5.042
88	-1.752	-.630	-.622	-.631	-.631	-.623	-.629	0.000	-9.754	-8.067	36.170	39.946	-.635	-.528	5.100	5.646
89	.945	.334	.336	.334	.334	.336	.335	0.000	-6.305	-5.566	17.395	19.035	-.401	-.355	2.493	2.725
90	4.902	.632	.631	.630	.630	.631	.631	0.000	9.426	7.829	-12.439	-16.058	.622	.520	-1.713	-2.247
91	-41.181	-5.896	-5.922	-5.928	-5.926	-5.915	-5.909	0.000	35.301	46.566	156.334	130.747	2.170	2.897	-23.611	-19.810
92	.071	.095	.096	.098	.098	.096	.096	0.000	6.287	7.829	-20.768	-17.282	.388	.486	-3.053	-2.541
93	7.296	1.166	1.179	1.192	1.189	1.177	1.173	0.000	3.226	2.689	20.547	19.289	.207	.170	3.332	3.128
94	5.451	.375	.381	.383	.383	.380	.377	0.000	2.623	1.920	23.674	22.060	.172	.126	3.656	3.410
95	7.507	.608	.614	.599	.601	.611	.609	0.000	1.290	.795	4.833	3.716	.087	.055	.707	.545
96	6.584	.620	.620	.609	.610	.619	.619	0.000	-3.481	-3.230	6.313	6.880	-.224	-.208	.776	.862
97	-.096	-.419	-.416	-.424	-.424	-.416	-.419	0.000	-11.306	-9.748	24.502	27.994	-.734	-.635	3.372	3.881
98	-1.847	-.501	-.500	-.504	-.504	-.500	-.502	0.000	-5.384	-4.233	7.223	9.808	-.354	-.281	.930	1.307
99	-6.741	-.578	-.576	-.572	-.572	-.577	-.576	0.000	-20.868	-17.843	32.846	39.642	-1.353	-1.162	4.609	5.595
100	-38.245	-5.960	-5.970	-5.972	-5.970	-5.968	-5.966	0.000	1.387	6.979	-91.226	-78.525	.062	-.422	-13.592	-11.709
101	-.052	.023	.021	.022	.022	.021	.022	0.000	2.893	4.271	-24.742	-21.625	.174	.263	-3.654	-3.196
102	9.478	1.479	1.485	1.490	1.488	1.484	1.483	0.000	3.385	3.197	9.255	8.808	.214	.200	1.483	1.408
103	9.370	1.286	1.296	1.304	1.303	1.295	1.290	0.000	3.040	2.401	26.123	24.642	.198	.154	4.092	3.859
104	6.074	.372	.374	.366	.368	.373	.371	0.000	2.083	1.750	12.641	11.876	.134	.112	1.877	1.763
105	7.665	.768	.763	.739	.742	.761	.765	0.000	-2.001	-1.671	-12.694	-11.927	-.133	-.109	-2.163	-2.037
106	3.742	.271	.267	.258	.259	.267	.268	0.000	-4.318	-3.850	3.317	4.380	-.280	-.249	.290	.452
107	1.053	-.129	-.132	-.139	-.138	-.131	-.130	0.000	-5.791	-4.596	-13.948	-11.255	-.382	-.305	-2.199	-1.801
108	-8.384	-1.218	-1.212	-1.212	-1.212	-1.213	-1.216	0.000	-13.648	-11.568	33.936	38.587	-.884	-.753	4.833	5.502
109	-35.112	-5.645	-5.651	-5.651	-5.649	-5.649	-5.648	0.000	-31.061	-30.480	-67.668	-66.374	-1.964	-1.928	-9.829	-9.646
110	-5.662	-.813	-.818	-.818	-.817	-.817	-.816	0.000	1.299	3.333	-41.465	-36.861	.071	.201	-6.152	-5.474
111	10.831	1.685	1.689	1.692	1.691	1.688	1.688	0.000	4.483	4.502	5.414	5.446	.283	.283	.849	.849
112	12.022	1.850	1.856	1.860	1.859	1.856	1.852	0.000	4.134	2.837	38.223	35.275	.273	.188	5.739	5.298
113	10.389	1.270	1.273	1.260	1.262	1.272	1.268	0.000	2.740	2.748	4.296	4.305	.173	.173	.606	.606
114	5.176	.408	.403	.390	.392	.404	.404	0.000	-.082	.123	-11.567	-11.088	-.009	.005	-1.890	-1.811
115	1.878	.127	.111	.100	.102	.114	.119	0.000	-.052	-.149	-13.660	-13.841	-.004	-.008	-2.316	-2.324

NOKTALARIN Y YONU STATIK SONUCLARI My (tm)

Nokta no	1 Mg	2 Mq	3 Mq	4 Mq	5 Mq	6 Mq	7 Mq	8 Mz	9 Me	10 Me	11 Me	12 Me	13 Mw	14 Mw	15 Mw	16 Mw
120	10.684	1.714	1.715	1.716	1.716	1.715	1.714	0.000	7.166	7.583	2.106	3.048	.452	.478	.306	.443
121	14.079	2.214	2.220	2.222	2.221	2.219	2.217	0.000	8.339	7.473	32.043	30.078	.534	.478	4.759	4.466
122	8.109	.938	.931	.926	.932	.936	.926	0.000	8.887	8.809	4.121	3.939	.569	.564	.586	.559
123	8.160	.860	.851	.827	.831	.853	.852	0.000	2.408	2.777	-20.311	-19.451	.146	.172	-3.270	-3.129
124	-4.166	-.460	-.469	-.480	-.478	-.468	-.465	0.000	1.575	1.267	-.081	-.735	.101	.083	-.262	-.342
125	-.099	.051	.041	.041	.041	.043	.046	0.000	1.610	1.024	-.847	-2.146	.108	.072	-.242	-.423
126	-.174	-.027	-.030	-.032	-.032	-.029	-.029	0.000	-.497	-.311	-3.309	-2.884	-.034	-.022	-.551	-.486
127	-60.158	-9.671	-9.667	-9.663	-9.665	-9.669	-9.666	0.000	116.833	125.994	-65.597	-86.497	-7.337	-7.931	-8.894	-12.020
128	-9.423	-1.390	-1.390	-1.388	-1.389	-1.390	-1.389	0.000	-17.689	-18.113	-30.758	-31.752	-1.115	-1.143	-4.407	-4.564
129	10.190	1.699	1.699	1.701	1.700	1.699	1.699	0.000	8.927	9.560	1.907	3.338	.562	.603	.251	.461
130	14.241	2.247	2.255	2.257	2.254	2.253	2.253	0.000	10.035	9.151	36.574	34.580	.643	.586	5.389	5.094
131	-3.740	-.957	-.961	-.965	-.961	-.957	-.965	0.000	12.873	12.624	6.224	5.660	.820	.804	.888	.806
132	7.036	.569	.563	.550	.553	.564	.563	0.000	6.041	7.203	-32.936	-30.303	.370	.446	-4.992	-4.599
133	5.171	.740	.724	.712	.714	.727	.732	0.000	.169	1.016	-19.337	-17.392	-.002	.055	-3.194	-2.892
134	.132	.222	.211	.202	.203	.213	.216	0.000	1.388	1.156	-2.484	-2.975	.089	.076	-.583	-.641
135	.902	.045	.058	.068	.066	.056	.052	0.000	-.818	-1.108	17.295	16.616	-.048	-.068	2.778	2.666
136	-8.293	-1.144	-1.142	-1.139	-1.141	-1.143	-1.142	0.000	-17.142	-17.554	-30.259	-31.228	-1.079	-1.107	-4.322	-4.478
137	10.380	1.782	1.783	1.785	1.784	1.783	1.784	0.000	10.906	11.793	.279	2.286	.686	.742	-.003	.292
138	16.036	2.662	2.670	2.671	2.668	2.666	2.669	0.000	20.045	20.080	41.085	41.188	1.268	1.271	5.961	5.982
139	-4.373	-1.088	-1.074	-1.079	-1.085	-1.080	-1.076	0.000	12.939	12.832	6.468	6.231	.812	.806	.913	.880
140	8.330	.725	.724	.714	.716	.725	.722	0.000	6.469	7.375	-28.508	-26.459	.401	.459	-4.276	-3.972
141	8.476	1.196	1.192	1.184	1.184	1.192	1.194	0.000	2.165	2.636	-9.300	-8.223	.129	.161	-1.518	-1.353
142	3.299	.589	.581	.578	.578	.582	.586	0.000	-.153	.361	-3.511	-2.334	-.018	.016	-.695	-.515
143	-2.138	-.021	-.093	-.150	-.139	-.078	-.060	0.000	3.740	5.884	101.889	-96.914	.205	.354	-16.319	-15.517
144	12.813	2.253	2.258	2.260	2.257	2.256	2.258	0.000	14.526	15.740	.054	2.802	.913	.991	-.053	.351
145	15.355	2.356	2.360	2.358	2.357	2.358	2.359	0.000	24.167	25.394	21.521	24.328	1.520	1.600	3.027	3.450
146	6.463	.544	.566	.561	.551	.556	.564	0.000	13.447	13.677	4.672	5.202	.845	.860	.638	.719
147	8.711	.745	.748	.739	.739	.747	.744	0.000	9.771	10.959	-33.679	-30.993	.608	.684	-5.016	-4.620
148	11.069	1.577	1.577	1.572	1.571	1.577	1.577	0.000	4.388	4.819	-8.058	-7.077	.272	.300	-1.267	-1.120
149	2.491	.839	.837	.839	.839	.838	.839	0.000	.928	.607	17.668	16.949	.063	.043	2.545	2.440
150	-.284	.018	.031	.043	.041	.029	.025	0.000	-.001	-.654	23.377	21.878	.010	-.034	3.698	3.464
151	21.194	3.489	3.495	3.495	3.492	3.492	3.495	0.000	34.537	36.377	35.091	39.300	2.173	2.293	4.953	5.587
152	.162	-1.006	-.997	-1.002	-1.004	-1.000	-1.001	0.000	9.381	9.014	9.865	9.071	.602	.580	1.407	1.302
153	4.016	-.255	-.249	-.260	-.259	-.250	-.256	0.000	3.916	4.439	-37.657	-36.481	.245	.279	-5.534	-5.363
154	11.811	1.661	1.663	1.657	1.659	1.664	1.658	0.000	6.549	6.898	-8.528	-7.741	.414	.436	-1.286	-1.171
155	4.875	1.309	1.309	1.313	1.311	1.308	1.312	0.000	2.327	2.121	20.606	20.145	.149	.136	3.003	2.936
156	4.044	.220	.219	.211	.209	.217	.222	0.000	-1.152	-.362	-22.375	-20.574	-.088	-.036	-3.400	-3.126
157	-10.957	-3.369	-3.388	-3.394	-3.382	-3.378	-3.391	0.000	2.844	1.749	16.970	14.556	.194	.128	2.456	2.123
158	6.867	.302	.307	.298	.300	.307	.299	0.000	3.912	3.663	-18.736	-19.307	.252	.236	-2.723	-2.809
159	11.522	1.582	1.587	1.577	1.580	1.588	1.577	0.000	7.592	7.970	-11.268	-10.419	.481	.504	-1.671	-1.549
160	5.705	1.422	1.425	1.428	1.428	1.425	1.422	0.000	4.214	3.790	23.129	22.166	.275	.247	3.426	3.281
161	-26.148	-.978	-.973	-.936	-.934	-.968	-.980	0.000	1.577	-2.675	142.656	133.013	.168	-.109	21.342	19.897
162	5.708	-.137	-.130	-.140	-.138	-.129	-.139	0.000	.971	.651	-33.352	-34.090	.070	.049	-4.837	-4.950
163	13.067	1.772	1.784	1.767	1.771	1.784	1.769	0.000	9.666	10.190	-14.862	-13.683	.610	.644	-2.203	-2.032
164	5.965	1.403	1.409	1.406	1.406	1.408	1.404	0.000	5.456	5.483	13.091	13.151	.347	.348	1.914	1.922
165	-24.900	-.525	-.522	-.489	-.505	-.533	-.497	0.000	-1.803	-2.989	102.366	99.707	-.110	-.185	15.028	14.646
166	16.497	2.309	2.324	2.307	2.309	2.323	2.309	0.000	13.119	13.892	-19.061	-17.320	.828	.877	-2.828	-2.575
167	9.165	1.438	1.468	1.429	1.436	1.466	1.433	0.000	6.825	7.381	-5.572	-4.311	.428	.464	-.860	-.673
168	3.423	.097	.099	.090	.095	.102	.090	0.000	.611	.643	-11.284	-11.218	.042	.044	-1.645	-1.639
169	14.198	2.239	2.261	2.235	2.238	2.259	2.237	0.000	12.045	12.927	-10.668	-8.677	.757	.814	-1.618	-1.326
170	2.734	.503	.478	.511	.506	.480	.507	0.000	2.275	2.208	1.472	1.314	.145	.140	.236	.209
171	-17.779	-2.690	-2.504	-2.740	-2.705	-2.520	-2.713	0.000	-12.495	-11.830	4.930	6.485	-.802	-.755	.559	.815

ANALIZ SONUCLARI

Nokta no	serbestlik θz	θx	θy	X m	Y m	Mxalt (tm)	Mxust (tm)	Myalt (tm)	Myust (tm)	Asax cm²	Asux cm²	Asay cm²	Asuy cm²
1	0	0	0	0.000	0.000	-23.321	0.000	-15.514	0.000	6.269	7.499	4.143	7.691
2	0	0	0	1.008	0.000	0.000	24.594	0.000	3.123	5.033	14.761	4.222	6.266
3	0	0	0	0.000	1.000	0.000	3.193	0.000	25.360	4.755	5.108	3.543	14.786
4	0	0	0	2.017	0.000	-1.366	28.808	-5.558	10.766	2.224	14.786	15.773	14.786
5	0	0	0	1.008	1.000	-.373	17.869	0.000	17.190	.431	14.503	1.656	14.786
6	0	0	0	0.000	2.000	0.000	4.366	-2.210	31.343	6.999	4.806	7.201	14.786
7	0	0	0	3.025	0.000	-9.009	4.785	-81.873	47.001	1.007	1.698	27.935	16.800
8	0	0	0	2.017	1.000	-.796	25.563	-9.753	20.862	1.732	15.227	4.646	14.786
9	0	0	0	1.008	2.000	-1.554	16.386	-.661	25.854	.672	14.633	1.521	15.061
10	0	0	0	0.000	3.000	-33.082	0.000	-32.743	8.059	6.733	6.950	9.479	14.786
11	0	0	0	4.033	0.000	-16.699	4.100	-63.308	23.086	1.509	1.162	29.568	18.760
12	0	0	0	3.025	1.000	-6.308	18.564	-12.491	22.206	5.080	14.786	16.612	18.632
13	0	0	0	2.017	2.000	-2.050	26.740	-1.149	23.223	2.000	16.076	2.586	15.584
14	0	0	0	1.008	3.000	-.265	22.992	-5.548	18.736	6.582	14.169	7.174	14.786
15	0	0	0	0.000	4.000	0.000	7.038	-6.042	33.054	7.436	5.051	9.584	15.980
16	0	0	0	5.042	0.000	-14.110	15.371	-7.230	18.711	12.285	8.399	22.323	14.786
17	0	0	0	4.033	1.000	-10.168	14.243	-19.102	25.321	8.872	12.298	15.733	14.786
18	0	0	0	3.025	2.000	-5.331	26.110	-4.266	26.366	4.649	15.961	5.062	16.672
19	0	0	0	2.017	3.000	-2.837	28.857	-.388	23.812	2.553	17.950	1.435	14.786
20	0	0	0	1.008	4.000	-3.029	17.442	-5.010	23.359	1.650	14.786	3.244	16.200
21	0	0	0	0.000	5.000	-.637	.668	-3.250	33.902	1.078	5.428	4.626	19.663
22	0	0	0	6.050	0.000	-16.237	6.896	-50.348	23.473	2.795	2.304	3.940	2.634
23	0	0	0	5.042	1.000	-12.741	15.012	-12.828	11.319	10.515	11.035	14.786	14.786
24	0	0	0	4.033	2.000	-8.644	22.893	-13.464	30.869	7.605	14.786	13.633	20.317
25	0	0	0	3.025	3.000	-6.637	28.524	-.131	25.248	5.860	17.608	2.304	15.700
26	0	0	0	2.017	4.000	-4.223	29.854	-1.817	23.075	4.464	16.792	1.685	14.786
27	0	0	0	1.008	5.000	-2.858	18.131	-1.885	26.317	2.746	12.882	3.895	16.446
28	0	0	0	0.000	6.000	-1.940	1.157	-11.883	25.877	3.035	7.350	14.786	17.700
29	0	0	0	7.058	0.000	-47.020	48.635	-51.956	29.489	3.910	4.330	3.530	2.085
30	0	0	0	6.050	1.000	-15.168	5.404	-20.834	15.528	2.724	1.939	3.447	2.429
31	0	0	0	5.042	2.000	-12.138	17.364	-37.915	41.729	14.738	14.786	19.255	23.199
32	0	0	0	4.033	3.000	-10.670	25.809	-7.835	29.172	9.416	15.424	9.228	19.852
33	0	0	0	3.025	4.000	-10.904	25.255	-1.841	16.356	8.142	18.011	1.361	14.786
34	0	0	0	2.017	5.000	-6.839	27.358	-1.543	19.835	5.881	16.967	3.659	14.786
35	0	0	0	1.008	6.000	-3.851	14.619	-12.636	22.886	4.194	10.187	14.786	15.562
36	0	0	0	0.000	7.000	-8.779	19.890	-51.917	25.500	21.110	14.786	61.590	25.623
37	0	0	0	8.067	0.000	-37.606	59.362	-2.576	7.414	17.836	28.706	14.153	11.374
38	0	0	0	7.058	1.000	-28.507	28.364	-11.947	8.674	3.366	3.396	3.306	2.591
39	0	0	0	6.050	2.000	-40.079	24.607	-46.646	41.533	3.102	2.268	4.467	4.484
40	0	0	0	5.042	3.000	-15.355	19.622	-35.253	47.590	14.606	15.692	16.040	23.989
41	0	0	0	4.033	4.000	-16.499	22.118	0.000	17.367	13.403	15.077	4.810	12.084
42	0	0	0	3.025	5.000	-11.920	31.647	-4.781	8.795	13.130	16.199	6.154	11.550
43	0	0	0	2.017	6.000	-10.663	23.021	-12.842	20.780	8.929	14.786	14.362	14.786
44	0	0	0	1.008	7.000	-6.861	5.457	-50.841	24.101	6.971	9.818	38.937	15.962
45	0	0	0	0.000	8.000	-109.542	46.369	-203.315	75.796	6.295	3.521	90.405	29.202
46	0	0	0	9.075	0.000	-.944	17.574	-3.356	2.523	14.786	20.505	3.972	6.372
47	0	0	0	8.067	1.000	-23.364	41.587	-10.584	16.087	14.786	22.933	8.741	10.961
48	0	0	0	7.058	2.000	-25.216	16.493	-41.482	37.475	3.205	3.005	3.967	3.981
49	0	0	0	6.050	3.000	-35.744	30.002	-37.821	49.158	18.458	15.671	20.550	27.045
50	0	0	0	5.042	4.000	-14.293	28.099	-4.570	10.662	14.429	16.570	12.341	17.091
51	0	0	0	4.033	5.000	-28.877	15.184	-15.708	0.000	14.786	18.911	12.134	14.786
52	0	0	0	3.025	6.000	-21.118	25.090	-14.291	25.443	14.786	18.461	14.644	14.786
53	0	0	0	2.017	7.000	-12.431	13.927	-45.479	24.395	11.713	12.324	34.029	15.668
54	0	0	0	1.008	8.000	-11.205	6.304	-109.522	25.955	5.252	2.408	85.541	25.455
55	0	0	0	10.083	0.000	-42.113	32.202	-13.912	17.731	44.439	33.653	20.196	18.494
56	0	0	0	9.075	1.000	0.000	14.663	0.000	3.925	9.544	14.916	3.017	5.604
57	0	0	0	8.067	2.000	-10.151	27.279	-28.669	30.860	10.673	15.616	14.786	17.352
58	0	0	0	7.058	3.000	-28.675	27.603	-35.338	46.126	14.786	14.786	19.154	24.911
59	0	0	0	6.050	4.000	-20.685	18.914	0.000	13.920	15.614	15.178	13.857	15.510
60	0	0	0	5.042	5.000	-20.345	38.434	-35.237	41.356	15.522	20.141	18.021	17.749
61	0	0	0	4.033	6.000	-23.389	36.321	-18.124	29.466	17.210	22.087	14.814	16.912
62	0	0	0	3.025	7.000	-24.865	24.477	-38.378	26.909	19.163	17.800	30.492	17.095
63	0	0	0	2.017	8.000	-16.564	8.083	-94.235	24.541	3.289	2.111	66.267	16.976
64	0	0	0	11.092	0.000	-163.175	115.220	-100.260	88.780	60.488	46.395	4.341	3.997
65	0	0	0	10.083	1.000	-34.257	26.616	-4.570	3.600	24.191	19.081	6.344	7.804
66	0	0	0	9.075	2.000	0.000	14.855	-.386	8.683	4.519	14.129	6.966	12.115
67	0	0	0	8.067	3.000	-6.528	20.139	-30.760	39.640	7.719	14.786	14.786	18.434
68	0	0	0	7.058	4.000	-14.929	15.924	0.000	12.014	14.786	14.786	11.909	16.430
69	0	0	0	6.050	5.000	-34.683	24.251	-41.485	33.832	17.273	18.342	21.238	23.842
70	0	0	0	5.042	6.000	-21.479	46.274	-40.467	49.703	16.312	28.695	20.027	24.705
71	0	0	0	4.033	7.000	-36.874	42.679	-25.969	25.007	22.324	26.772	24.948	17.344
72	0	0	0	3.025	8.000	-50.180	29.735	-96.052	29.169	4.355	3.023	61.781	19.110
73	0	0	0	12.100	0.000	-20.961	44.834	-22.654	21.978	40.775	46.559	23.863	25.243
74	0	0	0	11.092	1.000	-85.265	56.444	-6.801	3.773	52.242	36.369	2.862	2.666
75	0	0	0	10.083	2.000	-18.018	14.971	-14.037	19.120	14.786	14.786	6.675	10.396
76	0	0	0	9.075	3.000	0.000	13.681	0.000	11.156	3.151	12.344	7.561	14.786
77	0	0	0	8.067	4.000	-2.282	15.641	0.000	12.586	4.846	13.456	10.207	15.118
78	0	0	0	7.058	5.000	-25.894	25.569	-37.198	41.539	14.786	14.786	20.215	22.121
79	0	0	0	6.050	6.000	-30.575	32.555	-45.852	46.686	3.150	3.640	4.554	4.569
80	0	0	0	5.042	7.000	-29.553	55.294	-11.779	15.846	17.662	32.962	14.786	17.312
81	0	0	0	4.033	8.000	-52.472	37.790	-90.408	35.459	5.130	5.172	40.664	18.244
82	0	0	0	13.108	0.000	-23.470	51.053	-19.066	31.047	17.777	31.515	50.648	33.990
83	0	0	0	12.100	1.000	-16.962	38.271	0.000	7.473	21.048	31.517	10.483	13.739
84	0	0	0	11.092	2.000	-40.411	19.066	-6.793	6.709	24.959	18.653	1.458	2.129
85	0	0	0	10.083	3.000	-13.198	13.974	-15.543	25.512	10.967	11.727	7.837	14.786
86	0	0	0	9.075	4.000	0.000	12.430	0.000	12.491	1.687	11.138	.151	10.336
87	0	0	0	8.067	5.000	-6.440	17.422	-31.741	40.026	7.932	14.786	14.786	17.833
88	0	0	0	7.058	6.000	-26.683	17.262	-42.329	38.369	3.183	3.221	4.015	3.932
89	0	0	0	6.050	7.000	-16.919	30.253	-18.185	20.317	2.981	4.301	3.261	3.010
90	0	0	0	5.042	8.000	-30.114	60.842	-11.646	21.591	20.579	31.736	27.459	17.401
91	0	0	0	14.117	0.000	-42.471	34.481	-203.442	119.271	4.497	4.942	72.676	42.428
92	0	0	0	13.108	1.000	-21.699	50.835	-20.704	20.938	14.786	32.057	10.677	14.786
93	0	0	0	12.100	2.000	-13.587	36.129	-13.981	29.035	14.786	22.794	6.322	14.786
94	0	0	0	11.092	3.000	-27.451	15.297	-18.769	29.508	14.786	14.786	1.593	2.842
95	0	0	0	10.083	4.000	-8.330	13.544	0.000	12.953	8.784	11.137	4.575	14.786
96	0	0	0	9.075	5.000	0.000	12.706	-.954	14.084	2.818	11.477	6.374	14.786
97	0	0	0	8.067	6.000	-14.305	26.519	-28.515	27.908	12.626	14.786	15.100	16.908
98	0	0	0	7.058	7.000	-34.258	31.380	-12.158	8.146	3.839	4.065	3.236	2.725
99	0	0	0	6.050	8.000	-12.067	28.364	-46.962	33.575	3.346	5.123	3.777	3.218
100	0	0	0	15.125	0.000	-47.119	31.489	-135.442	56.806	3.760	3.117	91.932	46.350
101	0	0	0	14.117	1.000	-35.718	46.434	-24.789	24.712	18.862	27.646	43.739	30.346
102	0	0	0	13.108	2.000	-16.203	43.234	-.725	20.223	14.607	29.617	10.259	18.420
103	0	0	0	12.100	3.000	-11.045	33.622	-17.690	36.796	12.739	20.906	12.818	21.862
104	0	0	0	11.092	4.000	-21.287	13.982	-7.174	19.089	14.090	13.872	.793	2.302
105	0	0	0	10.083	5.000	-11.217	14.066	-5.795	21.127	8.503	11.585	4.135	13.388
106	0	0	0	9.075	6.000	0.000	13.373	-1.012	8.393	4.550	14.062	7.035	11.605
107	0	0	0	8.067	7.000	-29.295	39.249	-13.034	14.896	15.881	22.095	9.375	10.257
108	0	0	0	7.058	8.000	-51.656	49.969	-48.189	31.042	4.303	4.991	3.332	2.419
109	0	0	0	16.133	0.000	-12.175	8.998	-108.431	36.068	2.857	2.380	75.861	25.838
110	0	0	0	15.125	1.000	-22.651	28.201	-47.945	36.369	17.632	21.267	36.002	22.235
111	0	0	0	14.117	2.000	-20.826	42.242	0.000	17.969	14.786	28.785	7.262	17.139
112	0	0	0	13.108	3.000	-15.890	42.256	-27.403	52.104	12.098	27.126	10.930	23.552
113	0	0	0	12.100	4.000	-9.411	30.199	0.000	16.582	9.591	18.941	6.360	15.530
114	0	0	0	11.092	5.000	-18.743	10.939	-6.909	17.151	14.786	13.620	6.364	14.346
115	0	0	0	10.083	6.000	-14.058	19.378	-12.150	15.846	14.786	14.786	4.458	7.690

ZEMIN GERILMESI (t/m²)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w	max
1	11.303	1.308	1.314	1.303	1.304	1.314	1.307	0.000	-6.144	-5.435	7.963	9.556	-.396	-.351	1.109	1.339	14.782
2	10.609	1.201	1.206	1.197	1.198	1.206	1.200	0.000	-4.393	-3.932	7.405	8.441	-.283	-.253	1.041	1.191	13.504
3	10.987	1.327	1.332	1.322	1.323	1.332	1.326	0.000	-6.583	-5.833	5.888	7.576	-.424	-.377	.808	1.052	13.263
4	10.185	1.134	1.138	1.131	1.131	1.138	1.133	0.000	-2.916	-2.678	6.862	7.395	-.187	-.172	.975	1.051	12.479
5	10.428	1.227	1.232	1.224	1.225	1.232	1.227	0.000	-4.800	-4.301	5.647	6.767	-.309	-.277	.787	.948	12.285
6	10.969	1.390	1.393	1.386	1.386	1.393	1.389	0.000	-7.313	-6.498	3.719	5.553	-.471	-.420	.493	.759	13.117
7	10.121	1.119	1.122	1.117	1.118	1.122	1.119	0.000	-1.812	-1.751	6.393	6.527	-.115	-.112	.917	.936	11.847
8	10.047	1.152	1.155	1.150	1.150	1.155	1.151	0.000	-3.185	-2.920	5.545	6.141	-.204	-.188	.784	.870	11.562
9	10.415	1.280	1.283	1.277	1.278	1.283	1.279	0.000	-5.351	-4.807	3.720	4.943	-.344	-.310	.507	.684	11.697
10	11.356	1.510	1.511	1.508	1.509	1.511	1.510	0.000	-8.481	-7.585	1.290	3.309	-.546	-.489	.138	.432	14.232
11	10.195	1.117	1.119	1.117	1.117	1.119	1.117	0.000	-.895	-.982	6.273	6.074	-.056	-.061	.909	.879	11.725
12	9.952	1.115	1.118	1.114	1.114	1.117	1.115	0.000	-1.872	-1.803	5.648	5.800	-.119	-.115	.810	.831	11.246
13	9.977	1.186	1.189	1.184	1.185	1.188	1.186	0.000	-3.523	-3.232	3.873	4.528	-.226	-.208	.542	.637	11.165
14	10.654	1.370	1.371	1.369	1.369	1.371	1.370	0.000	-6.168	-5.571	1.506	2.849	-.397	-.359	.186	.381	12.128
15	11.757	1.629	1.628	1.630	1.630	1.628	1.629	0.000	-9.963	-8.983	-1.512	.697	-.642	-.579	-.269	.053	15.567
16	10.269	1.118	1.119	1.118	1.118	1.118	1.118	0.000	-.243	-.442	6.221	5.770	-.013	-.026	.908	.842	11.739
17	10.017	1.104	1.106	1.104	1.104	1.106	1.104	0.000	-.888	-.974	5.777	5.581	-.055	-.061	.837	.808	11.267
18	9.792	1.128	1.130	1.127	1.127	1.130	1.128	0.000	-2.008	-1.929	4.179	4.356	-.128	-.123	.598	.623	10.922
19	10.113	1.253	1.255	1.253	1.253	1.255	1.253	0.000	-4.025	-3.706	1.838	2.556	-.258	-.238	.248	.352	11.368
20	11.048	1.480	1.479	1.480	1.480	1.479	1.480	0.000	-7.264	-6.612	-1.009	.461	-.467	-.426	-.179	.035	13.195
21	12.374	1.775	1.773	1.777	1.777	1.773	1.776	0.000	11.907	10.810	-4.459	-1.981	-.767	-.697	-.698	-.335	17.372
22	10.301	1.121	1.122	1.122	1.122	1.122	1.122	0.000	-.039	-.278	6.085	5.543	0.000	-.015	.891	.812	11.672
23	10.136	1.107	1.108	1.107	1.107	1.108	1.108	0.000	-.256	-.451	5.858	5.417	-.014	-.027	.856	.791	11.402
24	9.827	1.104	1.105	1.103	1.103	1.105	1.104	0.000	-.887	-.972	4.581	4.387	-.055	-.061	.665	.636	10.932
25	9.856	1.178	1.180	1.178	1.178	1.180	1.178	0.000	-2.233	-2.146	2.272	2.466	-.142	-.137	.323	.351	11.035
26	10.485	1.353	1.354	1.354	1.354	1.353	1.353	0.000	-4.726	-4.381	-.479	.301	-.303	-.281	-.087	.027	11.839
27	11.671	1.619	1.617	1.620	1.620	1.617	1.619	0.000	-8.682	-7.957	-3.659	-2.023	-.558	-.512	-.563	-.324	14.649
28	13.400	1.975	1.972	1.978	1.977	1.972	1.975	0.000	14.316	13.054	-7.281	-4.429	-.922	-.841	-1.111	-.692	19.796
29	10.306	1.123	1.124	1.123	1.123	1.124	1.123	0.000	-.078	-.325	6.214	5.654	-.003	-.018	.911	.829	11.762
30	10.234	1.116	1.116	1.116	1.116	1.116	1.116	0.000	-.029	-.269	5.866	5.325	0.000	-.015	.860	.780	11.478
31	9.999	1.103	1.104	1.103	1.103	1.103	1.103	0.000	-.204	-.400	5.068	4.624	-.011	-.024	.742	.677	11.103
32	9.821	1.136	1.138	1.136	1.136	1.137	1.137	0.000	-.885	-.977	2.759	2.550	-.055	-.061	.403	.372	10.958
33	10.185	1.267	1.267	1.267	1.267	1.267	1.267	0.000	-2.564	-2.477	.046	.242	-.163	-.158	.002	.031	11.453
34	11.069	1.479	1.478	1.480	1.480	1.478	1.479	0.000	-5.628	-5.253	-2.924	-2.079	-.360	-.337	-.440	-.316	12.548
35	12.566	1.791	1.789	1.793	1.793	1.789	1.791	0.000	10.371	-9.550	-6.174	-4.319	-.666	-.614	-.929	-.656	16.486
36	14.576	2.186	2.183	2.189	2.189	2.183	2.186	0.000	16.756	15.310	-9.542	-6.269	-1.079	-.987	-1.444	-.962	22.348
37	10.453	1.149	1.150	1.150	1.150	1.150	1.150	0.000	-.639	-.992	7.972	7.173	-.037	-.060	1.180	1.063	13.050
38	10.242	1.117	1.118	1.118	1.118	1.118	1.118	0.000	-.059	-.306	5.922	5.363	-.001	-.017	.869	.787	11.522
39	10.154	1.110	1.111	1.110	1.110	1.111	1.111	0.000	.024	-.217	5.449	4.904	.004	-.012	.799	.719	11.265
40	9.918	1.117	1.118	1.117	1.117	1.118	1.117	0.000	-.043	-.253	3.300	2.825	-.001	-.014	.487	.418	11.036
41	10.057	1.206	1.206	1.205	1.205	1.206	1.206	0.000	-.883	-.997	.450	.193	-.055	-.062	.071	.033	11.264
42	10.682	1.373	1.372	1.373	1.373	1.372	1.373	0.000	-2.985	-2.909	-2.306	-2.134	-.190	-.185	-.336	-.310	12.056
43	11.826	1.622	1.620	1.624	1.624	1.620	1.622	0.000	-6.661	-6.254	-5.234	-4.313	-.426	-.400	-.773	-.638	13.450
44	13.524	1.962	1.960	1.964	1.964	1.960	1.962	0.000	11.999	11.076	-8.151	-6.064	-.771	-.712	-1.218	-.910	18.325
45	15.210	2.296	2.293	2.299	2.298	2.292	2.296	0.000	18.057	16.503	10.514	-6.995	-1.163	-1.064	-1.589	-1.070	23.710
46	10.905	1.225	1.227	1.228	1.227	1.227	1.226	0.000	-1.885	-2.479	11.514	10.173	-.113	-.151	1.725	1.528	15.765
47	10.307	1.135	1.136	1.136	1.136	1.136	1.135	0.000	-.538	-.863	6.843	6.108	-.031	-.052	1.011	.903	12.191
48	10.161	1.111	1.111	1.111	1.111	1.111	1.111	0.000	-.007	-.257	5.450	4.884	.002	-.014	.800	.717	11.272
49	10.025	1.110	1.111	1.110	1.110	1.111	1.111	0.000	.289	.025	3.775	3.178	.021	.004	.559	.471	11.136
50	9.983	1.156	1.156	1.156	1.155	1.156	1.156	0.000	.246	-.007	.636	.066	.018	.002	.105	.022	11.140
51	10.403	1.282	1.282	1.282	1.282	1.282	1.282	0.000	-.887	-1.043	-1.984	-2.334	-.055	-.064	-.278	-.329	11.686
52	11.218	1.473	1.472	1.474	1.474	1.472	1.473	0.000	-3.428	-3.373	-4.500	-4.376	-.217	-.214	-.650	-.632	12.693
53	12.611	1.760	1.758	1.762	1.762	1.758	1.761	0.000	-7.611	-7.172	-7.020	-6.028	-.487	-.459	-1.031	-.885	14.656
54	14.019	2.048	2.045	2.050	2.050	2.045	2.048	0.000	12.793	11.817	-8.990	-6.781	-.822	-.759	-1.341	-1.015	19.242
55	11.561	1.327	1.330	1.332	1.331	1.330	1.329	0.000	-3.161	-4.016	15.279	13.349	-.191	-.246	2.305	2.021	18.780
56	10.594	1.192	1.193	1.193	1.193	1.193	1.193	0.000	-1.546	-2.044	8.777	7.653	-.093	-.125	1.312	1.147	13.709
57	10.133	1.119	1.119	1.119	1.119	1.119	1.119	0.000	-.388	-.693	5.472	4.783	-.022	-.041	.809	.708	11.253
58	10.015	1.105	1.105	1.105	1.105	1.105	1.105	0.000	.249	-.033	3.735	3.096	.019	.001	.554	.461	11.121
59	9.991	1.133	1.133	1.133	1.132	1.133	1.133	0.000	.779	.454	.687	-.044	.053	.032	.116	.009	11.123
60	10.130	1.197	1.197	1.197	1.196	1.196	1.197	0.000	.563	.245	-2.132	-2.847	.039	.019	-.292	-.396	11.327
61	10.685	1.336	1.334	1.336	1.336	1.334	1.336	0.000	-.883	-1.094	-4.085	-4.561	-.053	-.067	-.578	-.648	12.022
62	11.814	1.576	1.574	1.577	1.577	1.574	1.576	0.000	-3.798	-3.770	-6.125	-6.061	-.240	-.238	-.882	-.872	13.391
63	13.015	1.830	1.827	1.831	1.831	1.827	1.830	0.000	-8.062	-7.607	-7.759	-6.730	-.515	-.486	-1.137	-.986	15.273
64	11.962	1.386	1.390	1.391	1.391	1.389	1.388	0.000	-3.773	-4.764	17.409	15.170	-.229	-.292	2.634	2.305	20.508
65	11.060	1.271	1.273	1.274	1.273	1.272	1.272	0.000	-2.560	-3.239	10.832	9.299	-.155	-.199	1.630	1.405	15.443
66	10.280	1.159	1.159	1.160	1.159	1.159	1.159	0.000	-1.206	-1.621	6.014	5.077	-.072	-.099	.898	.761	11.636
67	9.950	1.107	1.107	1.107	1.107	1.107	1.107	0.000	-.135	-.445	3.331	2.631	-.006	-.025	.498	.396	11.057
68	9.936	1.118	1.118	1.118	1.118	1.118	1.118	0.000	.747	.404	.599	-.174	.051	.029	.104	-.009	11.054
69	10.112	1.170	1.169	1.169	1.169	1.169	1.170	0.000	1.261	.860	-2.478	-3.380	.084	.058	-.338	-.469	11.282
70	10.304	1.229	1.228	1.229	1.229	1.228	1.229	0.000	.809	.430	-4.058	-4.912	.055	.031	-.568	-.692	11.533
71	11.083	1.401	1.400	1.402	1.402	1.400	1.401	0.000	-.847	-1.115	-5.440	-6.045	-.050	-.067	-.770	-.858	12.485
72	12.159	1.633	1.631	1.634	1.634	1.631	1.633	0.000	-3.944	-3.935	-6.786	-6.765	-.249	-.248	-.976	-.972	13.793
73	11.919	1.405	1.408	1.409	1.409	1.407	1.407	0.000	-3.396	-4.334	15.721	13.602	-.206	-.266	2.376	2.064	19.366
74	11.352	1.317	1.320	1.320	1.320	1.319	1.319	0.000	-3.035	-3.803	11.844	10.110	-.184	-.234	1.787	1.532	16.344
75	10.606	1.220	1.221	1.222	1.221	1.221	1.221	0.000	-2.034	-2.561	6.740	5.552	-.124	-.157	1.013	.840	12.379
76	10.021	1.133	1.133	1.133	1.133	1.133	1.133	0.000	-.835	-1.192	3.156	2.351	-.049	-.072	.477	.359	11.154
77	9.854	1.109	1.109	1.110	1.110	1.109	1.110	0.000	.283	-.053	.425	-.331	.021	0.000	.078	-.031	10.963
78	10.039	1.152	1.152	1.152	1.152	1.152	1.152	0.000	1.246	.836	-2.556	-3.479	.083	.057	-.349	-.483	11.192
79	10.187	1.187	1.186	1.187	1.187	1.186	1.187	0.000	1.491	1.043	-4.266	-5.275	.099	.071	-.595	-.741	11.375
80	10.486	1.257	1.256	1.257	1.257	1.256	1.257	0.000	.957	.535	-4.940	-5.891	.065	.039	-.693	-.831	11.755
81	11.349	1.443	1.442	1.444	1.444	1.442	1.443	0.000	-.738	-1.049	-5.989	-6.692	-.042	-.062	-.847	-.949	12.990
82	12.128	1.501	1.503	1.504	1.503	1.502	1.502	0.000	-2.157	-2.951	12.656	10.860	-.130	-.181	1.908	1.643	17.525
83	11.368	1.343	1.345	1.346	1.345	1.344	1.344	0.000	-2.675	-3.404	11.025	9.377	-.162	-.209	1.663	1.421	15.825
84	10.823	1.257	1.258	1.259	1.259	1.258	1.258	0.000	-2.417	-2.996	7.060	5.756	-.147	-.184	1.064	.873	12.761
85	10.249	1.179	1.179	1.179	1.179	1.179	1.179	0.000	-1.549	-1.952	3.131	2.222	-.094	-.120	.477	.344	11.428
86	9.883	1.120	1.120	1.120	1.120	1.120	1.120	0.000	-.424	-.746	.212	-.513	-.024	-.044	.048	-.058	11.004
87	9.913	1.130	1.130	1.130	1.130	1.130	1.130	0.000	.728	.364	-2.447	-3.268	.050	.026	-.336	-.455	11.044
88	10.160	1.179	1.179	1.179	1.179	1.179	1.179	0.000	1.491	1.043	-4.293	-5.300	.099	.070	-.599	-.745	11.340
89	10.246	1.195	1.194	1.195	1.195	1.194	1.195	0.000	1.572	1.107	-4.706	-5.751	.104	.075	-.658	-.810	11.462
90	10.624	1.276	1.274	1.276	1.275	1.274	1.276	0.000	1.192	.724	-5.328	-6.381	.081	.051	-.746	-.900	12.187
91	12.696	1.674	1.675	1.676	1.676	1.675	1.675	0.000	.279	-.239	9.463	8.290	.021	-.012	1.416	1.243	15.890
92	11.630	1.438	1.439	1.440	1.440	1.439	1.439	0.000	-1.546	-2.161	9.332	7.941	-.093	-.132	1.405	1.200	14.934
93	10.843	1.279	1.280	1.281	1.280	1.280	1.280	0.000	-2.104	-2.649	6.673	5.443	-.128	-.163	1.006	.826	12.531
94	10.411	1.208	1.208	1.209	1.209	1.208	1.209	0.000	-1.876	-2.299	3.048	2.095	-.115	-.142	.465	.326	11.620
95	10.052	1.150	1.150	1.150	1.150	1.150	1.150	0.000	-1.104	-1.415	.010	-.692	-.067	-.087	.018	-.084	11.203
96	9.910	1.123	1.123	1.123	1.123	1.123	1.124	0.000	-.036	-.330	-2.659	-3.320	0.000	-.018	-.371	-.467	11.034
97	10.059	1.155	1.154	1.155	1.155	1.154	1.155	0.000	1.049	.668	-4.496	-5.353	.070	.046	-.634	-.758	11.215
98	10.222	1.189	1.188	1.189	1.189	1.188	1.189	0.000	1.560	1.102	-4.758	-5.787	.103	.074	-.666	-.816	11.465
99	10.296	1.202	1.201	1.201	1.201	1.201	1.202	0.000	1.656	1.176	-4.924	-6.001	.110	.079	-.689	-.845	11.666
100	13.528	1.897	1.897	1.898	1.898	1.897	1.897	0.000	3.673	3.522	7.314	6.970	.233	.223	1.077	1.025	15.425
101	12.265	1.611	1.612	1.612	1.612	1.611	1.611	0.000	.500	.084	7.689	6.748	.035	.008	1.150	1.011	14.377
102	11.085	1.364	1.364	1.365	1.365	1.364	1.364	0.000	-1.114	-1.556	5.725	4.725	-.067	-.095	.863	.716	12.450
103	10.444	1.228	1.229	1.229	1.229	1.228	1.229	0.000	-1.636	-2.029	2.950	2.065	-.100	-.125	.451	.322	11.673
104	10.188	1.173	1.173	1.174	1.174	1.173	1.174	0.000	-1.424	-1.728	-.095	-.781	-.088	-.107	.003	-.097	11.362
105	10.061	1.138	1.138	1.138	1.138	1.138	1.138	0.000	-.736	-.968	-2.990	-3.513	-.045	-.059	-.422	-.498	11.200
106	10.064	1.136	1.135	1.135	1.135	1.135	1.136	0.000	.239	-.017	-5.336	-5.911	.017	.001	-.766	-.849	11.407
107	10.185	1.169	1.168	1.169	1.169	1.168	1.169	0.000	1.186	.811	-5.774	-6.616	.079	.055	-.823	-.945	11.981
108	10.268	1.195	1.194	1.195	1.194	1.194	1.195	0.000	1.616	1.151	-5.034	-6.078	.107	.078	-.707	-.858	11.693
109	14.527	2.151	2.151	2.151	2.152	2.151	2.150	0.000	7.790	8.080	5.750	6.404	.491	.509	.821	.916	16.679
110	13.107	1.830	1.830	1.831	1.831	1.831	1.830	0.000	3.555	3.453	6.145	5.911	.226	.219	.903	.868	14.938
111	11.629	1.515	1.515	1.516	1.516	1.515	1.515	0.000	.670	.405	4.622	4.023	.044	.027	.691	.603	13.144
112	10.689	1.307	1.307	1.308	1.308	1.307	1.308	0.000	-.814	-1.110	2.437	1.768	-.049	-.068	.372	.274	11.997
113	10.243	1.196	1.196	1.197	1.196	1.196	1.197	0.000	-1.254	-1.527	-.058	-.673	-.077	-.095	.007	-.083	11.440
114	10.204	1.157	1.157	1.158	1.157	1.157	1.158	0.000	-1.071	-1.270	-3.070	-3.520	-.066	-.079	-.434	-.499	11.362
115	10.259	1.143	1.142	1.142	1.142	1.142	1.143	0.000	-.515	-.654	-6.308	-6.621	-.032	-.041	-.916	-.961	12.015

ZEMIN GERILMESI (t/m²)

Nokta no	1 g	2 q	3 q	4 q	5 q	6 q	7 q	8 z	9 e	10 e	11 e	12 e	13 w	14 w	15 w	16 w	max
120	12.403	1.719	1.718	1.719	1.719	1.719	1.718	0.000	3.277	3.268	3.652	3.629	.207	.207	.535	.530	14.122
121	11.201	1.447	1.447	1.447	1.448	1.447	1.447	0.000	.731	.598	1.622	1.320	.047	.039	.245	.201	12.648
122	10.514	1.277	1.277	1.277	1.277	1.276	1.277	0.000	-.587	-.781	-.037	-.474	-.036	-.048	.006	-.058	11.791
123	10.259	1.181	1.180	1.181	1.180	1.180	1.181	0.000	-.945	-1.113	-2.931	-3.309	-.059	-.069	-.417	-.472	11.440
124	10.438	1.158	1.158	1.158	1.157	1.158	1.159	0.000	-.864	-.949	-6.717	-6.908	-.055	-.060	-.978	-1.005	12.336
125	10.519	1.149	1.148	1.146	1.146	1.148	1.149	0.000	-.414	-.448	10.078	10.152	-.027	-.029	-1.485	-1.494	14.547
126	10.444	1.154	1.153	1.151	1.151	1.153	1.154	0.000	.452	.312	10.422	10.734	.029	.021	-1.532	-1.575	14.889
127	17.238	2.781	2.780	2.782	2.782	2.781	2.780	0.000	17.504	18.790	3.884	6.796	1.099	1.182	.488	.916	25.873
128	15.288	2.370	2.369	2.370	2.371	2.370	2.369	0.000	11.699	12.436	3.848	5.515	.735	.782	.517	.761	20.063
129	13.344	1.961	1.961	1.961	1.962	1.961	1.961	0.000	6.574	6.887	2.840	3.546	.414	.434	.397	.500	15.306
130	11.906	1.637	1.636	1.637	1.637	1.637	1.636	0.000	2.990	3.067	1.140	1.312	.189	.194	.164	.188	13.543
131	11.080	1.425	1.425	1.425	1.425	1.425	1.425	0.000	.771	.709	-.074	-.216	.049	.045	-.006	-.027	12.505
132	10.487	1.254	1.254	1.254	1.254	1.254	1.254	0.000	-.327	-.436	-2.390	-2.635	-.020	-.027	-.343	-.378	11.741
133	10.431	1.173	1.172	1.172	1.171	1.172	1.173	0.000	-.710	-.772	-6.336	-6.476	-.045	-.049	-.925	-.945	12.053
134	10.711	1.159	1.157	1.155	1.155	1.157	1.158	0.000	-.781	-.735	11.130	11.027	-.051	-.048	-1.647	-1.630	15.333
135	10.798	1.154	1.151	1.149	1.149	1.151	1.153	0.000	-.413	-.327	14.233	14.035	-.029	-.022	-2.117	-2.085	17.456
136	16.632	2.685	2.684	2.686	2.686	2.685	2.685	0.000	16.345	17.547	3.109	5.830	1.026	1.103	.381	.781	24.577
137	14.436	2.236	2.235	2.236	2.236	2.236	2.235	0.000	10.338	11.019	2.089	3.628	.650	.693	.266	.491	18.461
138	12.766	1.868	1.867	1.868	1.869	1.868	1.867	0.000	5.866	6.202	.857	1.612	.369	.390	.108	.218	14.634
139	11.748	1.608	1.607	1.607	1.608	1.607	1.607	0.000	2.842	2.960	-.155	.110	.179	.187	-.027	.011	13.355
140	10.977	1.390	1.390	1.390	1.390	1.390	1.390	0.000	.915	.904	-1.622	-1.649	.058	.057	-.236	-.240	12.368
141	10.593	1.234	1.233	1.233	1.233	1.233	1.234	0.000	-.093	-.105	-5.393	-5.421	-.007	-.007	-.790	-.794	11.827
142	10.692	1.170	1.169	1.167	1.167	1.169	1.170	0.000	-.601	-.546	10.333	10.206	-.040	-.036	-1.529	-1.508	14.797
143	11.049	1.163	1.160	1.156	1.156	1.160	1.162	0.000	-.811	-.615	16.365	15.920	-.055	-.042	-2.446	-2.377	19.051
144	15.613	2.528	2.527	2.529	2.528	2.528	2.527	0.000	14.307	15.378	1.363	3.783	.898	.967	.138	.493	22.346
145	13.787	2.136	2.135	2.136	2.136	2.135	2.135	0.000	9.162	9.803	.299	1.746	.576	.616	.011	.221	17.151
146	12.498	1.820	1.819	1.820	1.820	1.820	1.819	0.000	5.501	5.849	-.319	.465	.346	.368	-.063	.051	14.318
147	11.601	1.564	1.563	1.563	1.564	1.563	1.563	0.000	2.844	2.988	-1.288	-.966	.179	.188	-.194	-.148	13.165
148	10.993	1.350	1.350	1.349	1.350	1.350	1.350	0.000	1.108	1.176	-4.333	-4.179	.069	.073	-.638	-.616	12.344
149	10.835	1.227	1.226	1.224	1.224	1.226	1.226	0.000	.035	.123	-8.688	-8.490	0.000	.006	-1.285	-1.255	13.833
150	10.982	1.168	1.165	1.162	1.162	1.165	1.167	0.000	-.632	-.452	14.696	14.286	-.044	-.032	-2.191	-2.128	17.897
151	14.915	2.427	2.427	2.428	2.428	2.427	2.427	0.000	12.643	13.613	-.375	1.814	.794	.855	-.105	.214	20.637
152	13.538	2.096	2.095	2.097	2.097	2.096	2.096	0.000	8.646	9.274	-.651	.763	.543	.583	-.126	.080	16.606
153	12.351	1.774	1.772	1.773	1.774	1.773	1.772	0.000	5.370	5.724	-1.335	-.538	.338	.360	-.211	-.096	14.125
154	11.563	1.512	1.511	1.511	1.512	1.512	1.511	0.000	2.920	3.111	-3.497	-3.068	.183	.195	-.521	-.458	13.075
155	11.242	1.339	1.338	1.337	1.337	1.338	1.338	0.000	1.248	1.396	-7.147	-6.813	.077	.087	-1.058	-1.008	13.152
156	11.092	1.224	1.223	1.220	1.220	1.222	1.224	0.000	.005	.184	11.728	11.325	-.003	.009	-1.744	-1.683	16.029
157	14.757	2.411	2.411	2.413	2.412	2.411	2.411	0.000	12.018	12.949	-1.102	.996	.755	.814	-.206	.099	20.079
158	13.358	2.041	2.040	2.042	2.042	2.041	2.040	0.000	8.391	8.996	-1.369	-.006	.527	.566	-.229	-.031	16.264
159	12.297	1.717	1.716	1.716	1.717	1.717	1.716	0.000	5.290	5.649	-3.001	-2.193	.333	.355	-.455	-.338	14.014
160	11.777	1.491	1.490	1.489	1.490	1.490	1.489	0.000	3.020	3.255	-5.814	-5.286	.189	.204	-.863	-.786	13.268
161	11.484	1.345	1.344	1.343	1.343	1.344	1.344	0.000	1.295	1.492	-8.798	-8.353	.079	.092	-1.305	-1.239	14.418
162	14.497	2.339	2.339	2.341	2.341	2.339	2.339	0.000	11.611	12.487	-1.459	.515	.729	.785	-.255	.032	19.550
163	13.239	1.967	1.966	1.967	1.967	1.967	1.966	0.000	8.087	8.653	-2.796	-1.522	.509	.544	-.434	-.250	15.906
164	12.450	1.683	1.682	1.681	1.682	1.683	1.681	0.000	5.275	5.637	-4.898	-4.085	.332	.355	-.733	-.615	14.133
165	12.006	1.492	1.491	1.490	1.491	1.492	1.490	0.000	3.086	3.340	-7.072	-6.502	.193	.209	-1.048	-.965	13.713
166	14.300	2.242	2.241	2.242	2.243	2.242	2.241	0.000	11.083	11.874	-2.714	-.934	.697	.747	-.433	-.174	18.944
167	13.404	1.926	1.925	1.925	1.926	1.926	1.924	0.000	7.959	8.492	-4.599	-3.402	.501	.535	-.696	-.522	15.881
168	12.690	1.666	1.665	1.664	1.665	1.666	1.664	0.000	5.268	5.620	-6.465	-5.672	.332	.354	-.961	-.846	14.357
169	14.544	2.202	2.201	2.202	2.202	2.202	2.200	0.000	10.888	11.612	-4.585	-2.957	.685	.731	-.702	-.466	18.905
170	13.757	1.912	1.913	1.911	1.912	1.914	1.910	0.000	7.940	8.445	-6.495	-5.358	.500	.532	-.971	-.806	16.077
171	15.092	2.208	2.210	2.207	2.208	2.211	2.206	0.000	10.952	11.635	-6.774	-5.237	.690	.733	-1.019	-.797	19.292