T.C.
SAKARYA ÜNİVERSİTESİ
FEN BİLİMLERİ ENSTİTÜSÜ

KARŞILIKLI DEĞİŞMELİ ÜÇ İNVOLUTİF VEYA ÜÇ TRİPOTENT MATRİSİN LİNEER KOMBİNASYONUNUN TRİPOTENTLİĞİ

YÜKSEK LİSANS TEZİ

Nurgül KALAYCI

Enstitü Anabilim Dalı	**:**	**MATEMATİK**
Enstitü Bilim Dalı	**:**	**UYGULAMALI MATEMATİK**
Tez Danışmanı	**:**	**Yrd. Doç. Dr. Murat SARDUVAN**

Aralık 2013

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Prof. Dr.	**Yrd. Doç. Dr.**	**Yrd. Doç. Dr.**
Refik KESKİN	**Murat SARDUVAN**	**Nesrin GÜLER**
Jüri Başkanı	**Üye**	**Üye**

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İÇİNDEKİLER

SİMGELER VE KISALTMALAR LİSTESİ

$\mathbb{R}$	: Reel sayılar kümesi
$\mathbb{C}$	: Kompleks sayılar kümesi
$\mathbb{C}_n$	: $n \times n$ boyutlu kompleks elemanlı matrislerin kümesi
$\mathbb{C}_{m,n}$	: $m \times n$ boyutlu kompleks elemanlı matrislerin kümesi
$\mathbb{C}_n^I$	: $n \times n$ boyutlu kompleks elemanlı involutif matrislerin kümesi
$\mathbb{C}_n^T$	: $n \times n$ boyutlu kompleks elemanlı tripotent matrislerin kümesi
$\mathbb{C}_n^{EP}$	: $n \times n$ boyutlu kompleks elemanlı EP matrislerin kümesi
$\mathbb{C}_n^U$	: $n \times n$ boyutlu kompleks elemanlı üniter matrislerin kümesi
$\mathbf{A}, \mathbf{B}, \mathbf{C}, \ldots$	: Matrisler; $\mathbf{A} = (a_{ij}) \in \mathbb{C}_{m,n}$
$\mathbf{x}, \mathbf{y}, \mathbf{z}, \ldots$	: Vektörler; $\mathbf{x} = (x_i) \in \mathbb{C}_{m,1}$
$\mathbf{I}$	: Birim matris
$\mathbf{0}$	: Elemanları sıfır olan vektör veya matris
$a, b, c, \ldots$	: Skalerler
$\in$	: Elemanıdır
$\mathbf{M}^*$	: $\mathbf{M}$ matrisinin eşlenik transpozesi
$\mathcal{R}(\mathbf{M})$	: $\mathbf{M}$ matrisinin sütun uzayı
$\mathbf{M}^\dagger$	: $\mathbf{M}$ matrisinin Moore–Penrose tersi
$q_M(.)$	: $\mathbf{M}$ matrisinin minimal polinomu
$\mathbf{M}_1 \oplus \mathbf{M}_2$	: $\mathbf{M}_1$ ve $\mathbf{M}_2$ matrislerinin direkt toplamı

TABLOLAR LİSTESİ

ÖZET

Anahtar Kelimeler: Tripotent Matris, İnvolutif Matris, Lineer Kombinasyon, Eşanlı Köşegenleştirme, Karşılıklı Değişmelilik, EP Matris, Üniter Matris

Çalışma, toplam dört ana bölümden oluşmaktadır. İlk bölümde, ele alınan konu ile ilgili literatür bilgisini içeren, bir giriş verilmektedir.

Bölüm 2'de, Bölüm 4'te elde edilen sonuçlara temel teşkil edecek olan bazı kavram ve bazı teoremler verilmektedir. Bölüm 3'te ise bu çalışmaya esin kaynağı olan, literatürde yapılan çalışmalarda mevcut bazı sonuçlar hatırlatılmaktadır.

Bölüm 4, bu çalışmanın asıl kısmını oluşturmaktadır. Bölüm 4'te, karşılıklı değişmeli üç involutif matrisin lineer kombinasyonunun ne zaman tripotent olacağı probleminin çözümü farklı bir yöntem ile elde edilmektedir. Ayrıca, bu bölümde karşılıklı değişmeli üç tripotent matrisin lineer kombinasyonunun tripotent olması için gerekli ve yeterli koşullar verilmektedir.

ON TRIPOTENCY OF LINEAR COMBINATIONS OF THREE INVOLUTIVE MATRICES OR THREE TRIPOTENT MATRICES THAT MUTUALLY COMMUTE

SUMMARY

Key words: Tripotent Matrix, Involutive Matrix, Linear Combination, Simultaneously diagonalization, Mutually Commutation, EP Matrix, Unitary Matrix

The study consists of four main chapters in totally. In the first chapter, it has been given an introduction, which includes some literature information about the subject considered.

In Chapter 2, some concepts and some theorems, which constitute the basis for the results given in Chapter 4, have been given. In Chapter 3, some existing results from the studies in the literature have been reminded. These are the inspiration for this work.

Chapter 4 constitute the original part of this work. In Chapter 4, the solution of the problem of when a linear combination of three involutive matrices that mutually commute is tripotent, has been obtained by a different method. In this chapter, necessary and sufficient conditions for the problem of when a linear combination of three tripotent matrices that mutually commute is tripotent have been also given.

BÖLÜM 1. GİRİŞ

1.1. Bazı Gösterimler

m ve n pozitif tamsayılar olmak üzere, $\mathbb{C}$, $\mathbb{C}_{m,n}$, $\mathbb{C}_n$ sembolleri, sırasıyla, kompleks sayıların, $m \times n$ boyutlu kompleks matrislerin ve $n \times n$ boyutlu kompleks matrislerin kümelerini göstersin. Çalışma boyunca matrisler koyu ve büyük harflerle ($\mathbf{A}$ gibi), vektörler koyu ve küçük harflerle ($\mathbf{a}$ gibi), skalerler küçük ve italik harflerle (c gibi) gösterilecektir.

1.2. Çalışmanın İçeriği

c_1, c_2 sıfırdan farklı kompleks sayılar ve $\mathbf{X}_1, \mathbf{X}_2$ $n \times n$ boyutlu sıfırdan farklı kompleks matrisler olmak üzere,

$$\mathbf{X} = c_1\mathbf{X}_1 + c_2\mathbf{X}_2 \tag{1.1}$$

olsun. $\mathbf{X}_1$ ve $\mathbf{X}_2$ matrisleri idempotent, k–potent, involutif veya tripotent olduklarında (1.1) biçimindeki $\mathbf{X}$ lineer kombinasyon matrisinin idempotent, involutif veya tripotent olma durumlarından bazıları literatürde bir çok çalışmada mevcuttur.

$\mathbf{X}_1$ ve $\mathbf{X}_2$ matrisleri idempotent iken $\mathbf{X}$ matrisinin idempotent olduğu durum, $\mathbf{X}_1$ ve $\mathbf{X}_2$ değişmeli olduğunda [1,15] çalışmalarında, değişmeli olmadığında [1] çalışmasında ele alınmıştır.

$\mathbf{X}_1$ ve $\mathbf{X}_2$ matrislerinin değişmeli olduğu ve olmadığı durumlarda biri idempotent diğeri tripotent iken $\mathbf{X}$ matrisinin idempotent olduğu durumlar [2] çalışmasında ele alınmıştır.

$\mathbf{X}_1$ ve $\mathbf{X}_2$ matrislerinden biri idempotent diğeri k–potent iken $\mathbf{X}$ matrisinin idempotent olduğu durum, $\mathbf{X}_1$ ve $\mathbf{X}_2$ değişmeli olduğunda [7], olmadığında [8] çalışmalarında ele alınmıştır.

$\mathbf{X}_1$ ve $\mathbf{X}_2$ değişmeli tripotent matrisler iken $\mathbf{X}$ matrisinin idempotent olması konusu [15] çalışmasında ele alınmıştır.

$\mathbf{X}_1$ ve $\mathbf{X}_2$ matrisleri her ikisi involutif iken $\mathbf{X}$ matrisinin idempotentliği; her ikisi idempotent, tripotent veya involutif iken $\mathbf{X}$ matrisinin involutifliği; $\mathbf{X}_1$ ve $\mathbf{X}_2$ matrisleri değişmeli iken [14,16] çalışmalarında, değişmeli olmadığı durumda (her ikisinin tripotent olduğu durum hariç) ise [16] çalışmasında ele alınmıştır.

$\mathbf{X}_1$, $\mathbf{X}_2$ değişmeli matrislerinin her ikisi idempotent, tripotent ve involutif iken (1.1) biçimli $\mathbf{X}$ lineer kombinasyon matrisinin tripotent olduğu durumlar, sırasıyla, [3], [3,15] ve [14,16] çalışmalarında ele alınmıştır.

Dikkat edilirse bu çalışmalar iki özel tipli matrisin (1.1) biçimli lineer kombinasyonu ile ilgilidir. Ayrıca, literatürde üç özel tipli matrisin lineer kombinasyonunun ele alındığı çalışmalar da mevcuttur. Şöyle ki, c_1, c_2, c_3 sıfırdan farklı kompleks sayılar ve $\mathbf{X}_1$, $\mathbf{X}_2$, $\mathbf{X}_3$ $n \times n$ boyutlu sıfırdan farklı kompleks matrisler olmak üzere,

$$\mathbf{X} = c_1\mathbf{X}_1 + c_2\mathbf{X}_2 + c_3\mathbf{X}_3 \tag{1.2}$$

olsun. $\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ matrislerinin idempotent, involutif veya tripotent oldukları durumlar için (1.2) biçimindeki $\mathbf{X}$ lineer kombinasyon matrisinin idempotent ve tripotent olduğu durumlar farklı çalışmalarda incelenmiştir.

$\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ karşılıklı değişmeli idempotent matris olduğunda (1.2) biçimindeki $\mathbf{X}$ lineer kombinasyon matrisinin idempotent olması durumu [13] çalışmasında ele alınmıştır.

$\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ idempotent matrislerinden herhangi ikisi ayrık matris olduğunda (1.2) biçimindeki $\mathbf{X}$ matrisinin idempotent olması durumu [4] çalışmasında ele alınmıştır.

$\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ idempotent matrislerinden herhangi ikisi değişmeli olduğunda (1.2) biçimindeki $\mathbf{X}$ matrisinin idempotent olması durumu [5] çalışmasında ele alınmıştır.

$\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ karşılıklı değişmeli involutif matrisler iken ve ikisi involutif biri tripotent iken (1.2) biçimindeki $\mathbf{X}$ matrisinin tripotentliği [18] çalışmasında ele alınmıştır.

Bu çalışmada ise, [18] çalışmasında mevcut olan karşılıklı değişmeli üç involutif matrisin (1.2) biçimindeki lineer kombinasyonunun ne zaman tripotent olacağı sorusunun cevabı farklı bir yolla ortaya koyulmaktadır. Ayrıca, karşılıklı değişmeli üç tripotent matrisin (1.2) biçimindeki lineer kombinasyonun tripotent olması için gerekli ve yeterli koşullar verilmektedir.

BÖLÜM 2. ÖN BİLGİLER

Bu kısımda, çalışmanın daha sonraki bölümlerinin daha iyi anlaşılabilmesi için gerekli bazı tanımlar verilmektedir. Ayrıca, yine, daha sonraki bölümlerde verilen sonuçlara temel teşkil edecek gerekli bazı teoremler ispatsız olarak ifade edilmektedir.

2.1. Bazı Matris Çeşitleri

Tanım 2.1.1. $\mathbf{T}^3 = \mathbf{T}$ özelliğine sahip bir $\mathbf{T} \in \mathbb{C}_n$ matrisine tripotent matris denir [10]. Bu tip matrislerin sınıfı $\mathbb{C}_n^T$ ile gösterilecektir.

Tanım 2.1.2. $\mathbf{P}^2 = \mathbf{P}$ özelliğine sahip bir $\mathbf{P} \in \mathbb{C}_n$ matrisine idempotent matris denir [10].

Tanım 2.1.3. $\mathbf{I}$ uygun boyutlu birim matrisi göstermek üzere, $\mathbf{A}^2 = \mathbf{I}$ özelliğine sahip bir $\mathbf{A} \in \mathbb{C}_n$ matrisine involutif matris denir [17]. Bu tip matrislerin sınıfı $\mathbb{C}_n^I$ ile gösterilecektir.

Tanım 2.1.4. Eğer $\mathbf{M} \in \mathbb{C}_n$ matrisi, eşlenik transpozesine eşitse (yani $\mathbf{M} = \mathbf{M}^*$ ise) $\mathbf{M}$ matrisine hermityen matris denir [6].

Tanım 2.1.5. Eğer $\mathbf{M} \in \mathbb{C}_n$ tersinir matrisinin eşlenik transpozesi, $\mathbf{M}$ matrisinin tersine eşitse (yani $\mathbf{M}^{-1} = \mathbf{M}^*$ ise) $\mathbf{M}$ matrisine üniter matris denir [6]. Bu tip matrislerin sınıfı $\mathbb{C}_n^U$ ile gösterilecektir.

Tanım 2.1.6. $\mathbf{M} \in \mathbb{C}_{m,n}$ matrisi için Penrose denklemleri olarak bilinen $\mathbf{M}\mathbf{M}^\dagger\mathbf{M} = \mathbf{M}$, $\mathbf{M}^\dagger\mathbf{M}\mathbf{M}^\dagger = \mathbf{M}^\dagger$, $\left(\mathbf{M}\mathbf{M}^\dagger\right)^* = \mathbf{M}\mathbf{M}^\dagger$, $\left(\mathbf{M}^\dagger\mathbf{M}\right)^* = \mathbf{M}^\dagger\mathbf{M}$ denklemlerini sağlayan $\mathbf{M}^\dagger \in \mathbb{C}_{n,m}$ matrisine $\mathbf{M}$ matrisinin Moore–Penrose tersi denir [6].

Teorem 2.1.7. $m \times n$ boyutlu her matrisin bir Moore–Penrose tersi vardır ve bu ters tektir [10].

Tanım 2.1.8. $\mathcal{R}\left(\mathbf{A}\right) = \mathcal{R}\left(\mathbf{A}^*\right)$ (veya denk olarak $\mathbf{A}^\dagger\mathbf{A} = \mathbf{A}\mathbf{A}^\dagger$) özelliğine sahip bir $\mathbf{A} \in \mathbb{C}_n$ matrisine Range–Hermityen veya EP matris denir [10]. Bu tip matrislerin sınıfı $\mathbb{C}_n^{EP}$ ile gösterilecektir.

Tanım 2.1.9. Eğer $\mathbf{A} \in \mathbb{C}_n$ matrisi Moore–Penrose tersine eşitse (yani $\mathbf{A} = \mathbf{A}^\dagger$ ise) $\mathbf{A}$ matrisine genelleştirilmiş involutif matris denir [12].

Teorem 2.1.10. Bir $\mathbf{A} \in \mathbb{C}_n$ matrisinin genelleştirilmiş involutif matris olması için gerekli ve yeterli koşul, $\mathbf{A}^3 = \mathbf{A}$ (yani tripotent) ve $\left(\mathbf{A}^2\right)^* = \mathbf{A}^2$ (yani karesinin hermityen) olmasıdır [12].

Teorem 2.1.11. Bir $\mathbf{A} \in \mathbb{C}_n$ matrisinin genelleştirilmiş involutif matris olması için gerekli ve yeterli koşul, $\mathbf{A} \in \mathbb{C}_n^{EP}$ ve $\mathbf{A}^3 = \mathbf{A}$ olmasıdır [12].

Teorem 2.1.12. $\mathbf{A} \in \mathbb{C}_n$ olsun. Bu durumda aşağıdakiler denktir:

i. $\mathbf{A} \in \mathbb{C}_n^{EP}$ dir.

ii. $\mathbf{A} = \mathbf{U}\begin{bmatrix} \mathbf{A}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{0} \end{bmatrix}\mathbf{U}^*$ olacak şekilde, bir $\mathbf{U}$ üniter matrisi ve r ranklı $\mathbf{A}_1 \in \mathbb{C}_r$ nonsingüler matrisi vardır [9].

2.2. Benzer Matrisler ve Köşegenleştirme

Aşağıda verilen tanım ve teoremler için, örneğin, [11] kaynağına bakılabilir.

Tanım 2.2.1. $\mathbf{M}_1, \mathbf{M}_2 \in \mathbb{C}_n$ matrisleri verilsin. Eğer $\mathbf{M}_2 = \mathbf{S}\mathbf{M}_1\mathbf{S}^{-1}$ olacak şekilde bir $\mathbf{S}$ tersinir matrisi varsa, $\mathbf{M}_2$ matrisi $\mathbf{M}_1$ matrisine benzerdir denir.

Tanım 2.2.2. Bir $\mathbf{M} \in \mathbb{C}_n$ matrisine, bir köşegen matrise benzer ise köşegenleştirilebilir matris denir.

Tanım 2.2.3. $\mathbf{M}_1, \mathbf{M}_2 \in \mathbb{C}_n$ köşegenleştirilebilir matrisler olsun. Eğer $\mathbf{S}^{-1}\mathbf{M}_1\mathbf{S}$ ve $\mathbf{S}^{-1}\mathbf{M}_2\mathbf{S}$ matrisleri köşegen matris olacak şekilde bir $\mathbf{S}$ tersinir matrisi varsa $\mathbf{M}_1$ ve $\mathbf{M}_2$ matrislerine eşanlı (birlikte) köşegenleştirilebilir matrisler denir.

Tanım 2.2.4. $p(t) = p_0 + p_1 t + \cdots + p_m t^m$ polinomuna, $p_m = 1$ ise monik polinom denir.

Tanım 2.2.5. $\mathbf{M} \in \mathbb{C}_n$ matrisi için $p(\mathbf{A}) = p_0 \mathbf{I}_n + p_1 \mathbf{M} + \cdots + p_m \mathbf{M}^m = \mathbf{0}$ koşulunu sağlayan en küçük dereceli monik polinoma $\mathbf{M}$ matrisinin minimal polinomu denir ve $q_M(.)$ ile gösterilir.

Teorem 2.2.6. Aşağıdaki koşulların her biri, $\mathbf{M} \in \mathbb{C}_n$ matrisinin köşegenleştirilebilir olmasının gerekli ve yeterli koşuludur:

(a) $q_{\mathbf{M}}(t)$ minimal polinomu farklı lineer çarpanlara sahiptir.

(b) $q_{\mathbf{M}}(t) = 0$ denkleminin her bir kökü tek katlıdır.

(c) $q_{\mathbf{M}}(t) = 0$ olacak şekildeki her bir t değeri için $q_{\mathbf{M}}(t)$ polinomunun türevi sıfırdan farklıdır.

Teorem 2.2.7. $\mathbf{M}_1, \mathbf{M}_2 \in \mathbb{C}_n$ köşegenleştirilebilir matrisler olsun. $\mathbf{M}_1$ ve $\mathbf{M}_2$ matrislerinin eşanlı köşegenleştirilebilir olması için gerekli ve yeterli koşul $\mathbf{M}_1$ ve $\mathbf{M}_2$ matrislerinin değişmeli olmasıdır.

BÖLÜM 3. DEĞİŞMELİ İNVOLUTİF VEYA DEĞİŞMELİ TRİPOTENT MATRİSLERİN LİNEER KOMBİNASYONUNUN TRİPOTENTLİĞİ İLE İLGİLİ LİTERATÜRDEKİ BAZI SONUÇLAR

$c_1,\, c_2,\, c_3 \in \mathbb{C} \setminus \{0\}$ ve $\mathbf{X}_1,\, \mathbf{X}_2,\, \mathbf{X}_3 \in \mathbb{C}_n \setminus \{\mathbf{0}\}$ olmak üzere,

$$\mathbf{X} = c_1\mathbf{X}_1 + c_2\mathbf{X}_2\,, \tag{3.1}$$

$$\mathbf{X} = c_1\mathbf{X}_1 + c_2\mathbf{X}_2 + c_3\mathbf{X}_3 \tag{3.2}$$

lineer kombinasyonları ele alınsın. Bu bölümde $\mathbf{X}_i$, $i = 1,2,3$, matrisleri involutif veya tripotent olduklarında (3.1) veya (3.2)'deki $\mathbf{X}$ matrisinin tripotentliği ile ilgili literatürde mevcut olan sonuçlar hatırlatılmaktadır.

3.1. İki Değişmeli İnvolutif Matrisin Lineer Kombinasyonunun Tripotentliği

Sarduvan ve Özdemir, $\mathbf{X}_1$ ve $\mathbf{X}_2$ değişmeli involutif matrisler iken (3.1) biçimli lineer kombinasyonun ne zaman tripotent olacağı sorusuna aşağıdaki teorem ile cevap vermişlerdir.

Teorem 3.1.1. $c_1, c_2 \in \mathbb{C} \setminus \{0\}$, $\mathbf{A}_1, \mathbf{A}_2 \in \mathbb{C}_n^I$, $\mathbf{A}_1 \neq \pm\mathbf{A}_2$ ve $\mathbf{A}_1\mathbf{A}_2 = \mathbf{A}_2\mathbf{A}_1$ olmak üzere $\mathbf{T} = c_1\mathbf{A}_1 + c_2\mathbf{A}_2$ olsun. $\mathbf{T}$ matrisinin tripotent olması için gerekli ve yeterli koşul $(c_1, c_2) \in \left\{\left(-\frac{1}{2}, -\frac{1}{2}\right), \left(\frac{1}{2}, \frac{1}{2}\right), \left(-\frac{1}{2}, \frac{1}{2}\right), \left(\frac{1}{2}, -\frac{1}{2}\right)\right\}$ olmasıdır [14,16].

3.2. İki Değişmeli Tripotent Matrisin Lineer Kombinasyonunun Tripotentliği

Baksalary ve diğerleri, $\mathbf{T}_1$, $\mathbf{T}_2$ tripotent matrislerinin, birbirlerinin skaler katı olması durumunun ancak belli skalerler için olabileceğini fark etmişlerdir. Ayrıca, $\mathbf{T}_1$ matrisi $\mathbf{T}_2$ matrisinin bahsi geçen skaler katı olması durumunda, onlarla oluşturulan (3.1) biçimli lineer kombinasyonun ne zaman tripotent olacağı probleminin aşağıdaki gibi basit bir hal alacağını ortaya koymuşlardır.

Lemma 3.2.1 $\mathbf{T}_1, \mathbf{T}_2 \in \mathbb{C}_n^T \setminus \{\mathbf{0}\}$ olsun. Bu durumda aşağıdakiler doğrudur:

(a) $\mathbf{T}_1$ matrisi $\mathbf{T}_2$ matrisinin skaler katı ise, $\mathbf{T}_1 = \mathbf{T}_2$ ya da $\mathbf{T}_1 = -\mathbf{T}_2$ dir.

(b) $\alpha \in \{-1, 1\}$ olmak üzere $\mathbf{T}_1 = \alpha \mathbf{T}_2$ olsun. (3.1) biçimli $\mathbf{X}$ lineer kombinasyon matrisinin tripotent olması için gerekli ve yeterli koşul $(\alpha c_1 + c_2) \in \{-1, 0, 1\}$ olmasıdır [3].

İspat.

(a) $\alpha \in \mathbb{C} \setminus \{0\}$ olmak üzere $\mathbf{T}_1 = \alpha \mathbf{T}_2$ olsun. $\mathbf{T}_1$ ve $\mathbf{T}_2$ matrislerinin tripotentliğinden $\mathbf{T}_1 = \mathbf{T}_1^3 = (\alpha \mathbf{T}_2)^3 = \alpha^3 \mathbf{T}_2^3 = \alpha^3 \mathbf{T}_2 = \alpha^2 \alpha \mathbf{T}_2 = \alpha^2 \mathbf{T}_1$ yazılabilir. $\mathbf{T}_1 \neq \mathbf{0}$ olduğundan $\alpha^2 = 1$, yani $\mathbf{T}_1 = \mathbf{T}_2$ veya $\mathbf{T}_1 = -\mathbf{T}_2$ elde edilir.

(b) $\alpha \in \{-1, 1\}$ olmak üzere, $\mathbf{T}_1 = \alpha \mathbf{T}_2$ olsun. $\mathbf{T}_2$ matrisinin sıfırdan farklı tripotent matris olması göz önüne alınarak lineer kombinasyon matrisinin tripotentliğinden,

$$\begin{aligned}
(c_1\mathbf{T}_1 + c_2\mathbf{T}_2)^3 - (c_1\mathbf{T}_1 + c_2\mathbf{T}_2) = \mathbf{0} &\Leftrightarrow \left((\alpha c_1 + c_2)\mathbf{T}_2\right)^3 - \left((\alpha c_1 + c_2)\mathbf{T}_2\right) = \mathbf{0} \\
&\Leftrightarrow \left((\alpha c_1 + c_2)^3 - (\alpha c_1 + c_2)\right)\mathbf{T}_2 = \mathbf{0} \\
&\Leftrightarrow (\alpha c_1 + c_2)^3 - (\alpha c_1 + c_2) = 0 \\
&\Leftrightarrow (\alpha c_1 + c_2) \in \{-1, 0, 1\}
\end{aligned}$$

elde edilir. Böylece ispat tamamlanır. ■

Baksalary ve diğerleri, $\mathbf{T}_1$ matrisi $\mathbf{T}_2$ matrisinin skaler katı olması durumunda $\mathbf{T}_1, \mathbf{T}_2 \in \mathbb{C}_n^T \setminus \{\mathbf{0}\}$ matrislerinin lineer kombinasyonunun tripotentliği problemi yukarıdaki gibi basit hal alacağından, bu durumu hariç tutup, bu problem için elde ettikleri sonucu aşağıdaki gibi ifade etmişlerdir.

Teorem 3.2.2. $c_1, c_2 \in \mathbb{C} \setminus \{0\}$, $\mathbf{T}_1, \mathbf{T}_2 \in \mathbb{C}_n^T \setminus \{\mathbf{0}\}$, $\mathbf{T}_1 \neq \pm \mathbf{T}_2$ ve $\mathbf{T}_1\mathbf{T}_2 = \mathbf{T}_2\mathbf{T}_1$ olmak üzere $\mathbf{T} = c_1\mathbf{T}_1 + c_2\mathbf{T}_2$ olsun. $\mathbf{T}$ matrisinin tripotent olması için gerekli ve yeterli bir koşul aşağıdaki durumlardan birinin sağlanmasıdır:

(a) $(c_1, c_2) \in \{(-1,1),(1,-1)\}$ ve $\mathbf{T}_1^2\mathbf{T}_2 = \mathbf{T}_1\mathbf{T}_2^2$;

(b) $(c_1, c_2) \in \{(-1,2),(1,-2)\}$ ve $\mathbf{T}_1^2\mathbf{T}_2 = \mathbf{T}_2 = \mathbf{T}_1\mathbf{T}_2^2$;

(c) $(c_1, c_2) \in \{(-2,1),(2,-1)\}$ ve $\mathbf{T}_1^2\mathbf{T}_2 = \mathbf{T}_1 = \mathbf{T}_1\mathbf{T}_2^2$;

(d) $(c_1, c_2) \in \{(-1,-1),(1,1)\}$ ve $\mathbf{T}_1^2\mathbf{T}_2 = -\mathbf{T}_1\mathbf{T}_2^2$;

(e) $(c_1, c_2) \in \{(-1,-2),(1,2)\}$ ve $\mathbf{T}_1^2\mathbf{T}_2 = \mathbf{T}_2 = -\mathbf{T}_1\mathbf{T}_2^2$;

(f) $(c_1, c_2) \in \{(-2,-1),(2,1)\}$ ve $\mathbf{T}_1^2\mathbf{T}_2 = -\mathbf{T}_1 = -\mathbf{T}_1\mathbf{T}_2^2$;

(g) $(c_1, c_2) \in \left\{\left(-\frac{1}{2},-\frac{1}{2}\right),\left(\frac{1}{2},\frac{1}{2}\right),\left(-\frac{1}{2},\frac{1}{2}\right),\left(\frac{1}{2},-\frac{1}{2}\right)\right\}$ ve $\mathbf{T}_1^2\mathbf{T}_2 = -\mathbf{T}_1 = -\mathbf{T}_1\mathbf{T}_2^2$ [3]. ■

3.3. Üç Karşılıklı Değişmeli İnvolutif Matrisin Lineer Kombinasyonunun Tripotentliği

Her involutif matris aynı zamanda tripotenttir. Bununla birlikte her tripotent matris involutif olmak zorunda değildir. Tripotent matris, nonsingüler olduğunda involutif matris olur. Xu ve Xu karşılıklı değişmeli iki involutif ve bir tripotent matrisin lineer kombinasyonunun tripotentliği problemini ele almışlardır [18]. Bununla birlikte, ele aldıkları kombinasyonda tripotent matrisin nonsingüler olduğu ve olmadığı durumları ayrı ayrı incelemişlerdir. Dolayısı ile, önce üç involutif (yani iki involutif ve bir nonsingüler tripotent) matrisin lineer kombinasyonunun tripotentliği, sonra iki involutif ve bir singüler tripotent matrisin lineer kombinasyonunun tripotentliği için iki ayrı sonuç elde etmişlerdir. Aşağıda, yalnızca üç karşılıklı değişmeli involutif matrisin lineer kombinasyonunun tripotentliği ile ilgili sonuç hatırlatılmaktadır.

Teorem 3.3.1. $\mathbf{A}_1, \mathbf{A}_2, \mathbf{A}_3 \in \mathbb{C}_n^I$ karşılıklı değişmeli, yani $\mathbf{A}_j\mathbf{A}_k = \mathbf{A}_k\mathbf{A}_j$, $j \neq k$, $j,k = 1,2,3$, koşulunu sağlayan involutif matrisler olsun. $c_1, c_2, c_3 \in \mathbb{C} \setminus \{0\}$ için $\mathbf{T}$ bu matrislerin $\mathbf{T} = c_1\mathbf{A}_1 + c_2\mathbf{A}_2 + c_3\mathbf{A}_3$ biçimindeki lineer kombinasyonu olsun. $\mathbf{T}$ matrisinin tripotent olduğu tüm durumlar aşağıda listelenmiştir:

a) $\left(\left|c_i + c_j\right|, \left|c_k\right|\right) \in \left\{\left(\frac{1}{2}, \frac{1}{2}\right), (0,1)\right\}$ ve $\mathbf{A}_i = \mathbf{A}_j \neq \pm\mathbf{A}_k$;

b) $\left(c_i, c_j, c_k\right) \in \left\{\left(1, \frac{1}{2}, -\frac{1}{2}\right), \left(-1, -\frac{1}{2}, \frac{1}{2}\right), \left(\frac{1}{2}, \frac{1}{2}, -1\right), \left(-\frac{1}{2}, -\frac{1}{2}, 1\right)\right\}$ ve

$\mathbf{A}_i\mathbf{A}_j\mathbf{A}_k + \mathbf{A}_k = \mathbf{A}_i + \mathbf{A}_j$ ve $\mathbf{A}_i \neq \pm\mathbf{A}_j$, $\mathbf{A}_i \neq \pm\mathbf{A}_k$, $\mathbf{A}_j \neq \pm\mathbf{A}_k$;

c) $\left(c_i, c_j, c_k\right) \in \left\{\left(\frac{1}{2}, \frac{1}{2}, 1\right), \left(-\frac{1}{2}, -\frac{1}{2}, -1\right)\right\}$ ve

$\mathbf{A}_1 + \mathbf{A}_2 + \mathbf{A}_3 + \mathbf{A}_1\mathbf{A}_2\mathbf{A}_3 = \mathbf{0}$, $\mathbf{A}_1 \neq \pm\mathbf{A}_2$, $\mathbf{A}_1 \neq \pm\mathbf{A}_3$, $\mathbf{A}_2 \neq \pm\mathbf{A}_3$;

d) $\left(\left|c_i - c_j\right|, \left|c_k\right|\right) \in \left\{\left(\frac{1}{2}, \frac{1}{2}\right), (0,1)\right\}$ ve $\mathbf{A}_i = -\mathbf{A}_j \neq \pm\mathbf{A}_k$;

e) $c_1 + c_2 + c_3 \in \{0, 1, -1\}$ ve $\mathbf{A}_1 = \mathbf{A}_2 = \mathbf{A}_3$;

f) $c_i + c_j - c_k \in \{0, 1, -1\}$ ve $\mathbf{A}_i = \mathbf{A}_j = -\mathbf{A}_k$.

Buradaki tüm durumlar için, $i \neq j$, $i \neq k$, $j \neq k$ ve $i, j, k = 1,2,3$, dir [18].

BÖLÜM 4. KARŞILIKLI DEĞİŞMELİ ÜÇ İNVOLUTİF VEYA ÜÇ TRİPOTENT MATRİSLERİN LİNEER KOMBİNASYONUNUN TRİPOTENTLİĞİ

Bu bölüm, çalışmanın asıl kısmını oluşturmaktadır. İlk olarak, karşılıklı değişmeli üç EP matrisin, blok matrislerin direkt toplamı olarak nasıl yazılabileceğini ortaya koyan bir teorem verilmektedir. Ayrıca, karşılıklı değişmeli üç involutif matrisin ve sonrasında üç tripotent matrisin lineer kombinasyonunun tripotent olduğu durumlar karakterize edilmektedir.

Aşağıdaki teoremde ve bu çalışmanın izleyen kısımlarında kullanılacak olan "$\oplus$" simgesi, direkt toplamı göstermektedir. Şöyle ki, $\mathbf{M}_{ii} \in \mathbb{C}_{n_i}$, $i = 1, 2, \ldots, k$, matrislerinin direkt toplamı, $\mathbf{M} = \left(\mathbf{M}_{11} \oplus \mathbf{M}_{22} \oplus \cdots \oplus \mathbf{M}_{kk}\right)$ şeklinde belirtilip, bu matris $\mathbf{M} = \begin{bmatrix} \mathbf{M}_{11} & \mathbf{0} & \cdots & \mathbf{0} \\ \mathbf{0} & \mathbf{M}_{22} & \cdots & \mathbf{0} \\ \vdots & \vdots & \ddots & \vdots \\ \mathbf{0} & \mathbf{0} & \cdots & \mathbf{M}_{kk} \end{bmatrix}$ biçimindedir.

Teorem 4.1. $\mathbf{A}, \mathbf{B}, \mathbf{C} \in \mathbb{C}_n^{EP}$ matrisleri karşılıklı değişmeli yani, $\mathbf{AB} = \mathbf{BA}$, $\mathbf{AC} = \mathbf{CA}$, $\mathbf{BC} = \mathbf{CB}$ olsun. $\mathbf{A}_i$, $\mathbf{B}_i$ ve $\mathbf{C}_i$, $i = 1, 2, 3, 4$, nonsingüler matrisler olmak üzere aşağıdakiler denktir:

a) $$\mathbf{A} = \mathbf{U}\left(\mathbf{A}_1 \oplus \mathbf{A}_2 \oplus \mathbf{A}_3 \oplus \mathbf{A}_4 \oplus \mathbf{0} \oplus \mathbf{0} \oplus \mathbf{0} \oplus \mathbf{0}\right)\mathbf{U}^*$$

$$\mathbf{B} = \mathbf{U}\left(\mathbf{B}_1 \oplus \mathbf{B}_2 \oplus \mathbf{0} \oplus \mathbf{0} \oplus \mathbf{B}_3 \oplus \mathbf{B}_4 \oplus \mathbf{0} \oplus \mathbf{0}\right)\mathbf{U}^*$$

$$\mathbf{C} = \mathbf{U}\left(\mathbf{C}_1 \oplus \mathbf{0} \oplus \mathbf{C}_2 \oplus \mathbf{0} \oplus \mathbf{C}_3 \oplus \mathbf{0} \oplus \mathbf{C}_4 \oplus \mathbf{0}\right)\mathbf{U}^*$$

olacak şekilde bir $\mathbf{U} \in \mathbb{C}_n^U$ matrisi vardır.

b) $\mathbf{A}_1\mathbf{B}_1 = \mathbf{B}_1\mathbf{A}_1$, $\mathbf{A}_2\mathbf{B}_2 = \mathbf{B}_2\mathbf{A}_2$, $\mathbf{A}_1\mathbf{C}_1 = \mathbf{C}_1\mathbf{A}_1$, $\mathbf{A}_3\mathbf{C}_2 = \mathbf{C}_2\mathbf{A}_3$, $\mathbf{B}_1\mathbf{C}_1 = \mathbf{C}_1\mathbf{B}_1$, $\mathbf{B}_3\mathbf{C}_3 = \mathbf{C}_3\mathbf{B}_3$ koşulları sağlanır.

İspat. Teorem 2.1.12 düşünüldüğünde, $\mathbf{A} \in \mathbb{C}_n^{EP}$ olduğundan

$$\mathbf{A} = \mathbf{U}_1\left(\mathbf{K} \oplus \mathbf{0}\right)\mathbf{U}_1^* \tag{4.1}$$

olacak şekilde $\mathbf{U}_1 \in \mathbb{C}_n$ üniter ve $\mathbf{K} \in \mathbb{C}_r$ nonsingüler matrisleri vardır. Ayrıca $\mathbf{X}_1 \in \mathbb{C}_r$ olmak üzere $\mathbf{B}$ matrisi, $\mathbf{B} = \mathbf{U}_1\begin{pmatrix} \mathbf{X}_1 & \mathbf{X}_2 \\ \mathbf{X}_3 & \mathbf{X}_4 \end{pmatrix}\mathbf{U}_1^*$ şeklinde yazılabilir. $\mathbf{AB} = \mathbf{BA}$ koşulu kullanılırsa $\begin{pmatrix} \mathbf{KX}_1 & \mathbf{KX}_2 \\ \mathbf{0} & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{X}_1\mathbf{K} & \mathbf{0} \\ \mathbf{X}_3\mathbf{K} & \mathbf{0} \end{pmatrix}$ olur. $\mathbf{K}$ nonsingüler matris olduğundan $\mathbf{X}_2 = \mathbf{0}$, $\mathbf{X}_3 = \mathbf{0}$ ve

$$\mathbf{KX}_1 = \mathbf{X}_1\mathbf{K} \tag{4.2}$$

elde edilir. Böylece $\mathbf{B}$ matrisi

$$\mathbf{B} = \mathbf{U}_1\begin{pmatrix} \mathbf{X}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{X}_4 \end{pmatrix}\mathbf{U}_1^* \tag{4.3}$$

halini alır. Burada $\mathbf{B}$ bir EP matris olduğundan $\mathbf{X}_1$ ve $\mathbf{X}_4$ matrisleri de EP olur. Dolayısıyla, Teorem 2.1.12' den $\mathbf{U}_2 \in \mathbb{C}_r$, $\mathbf{U}_3 \in \mathbb{C}_{(n-r)}$ üniter matrisleri ve $\mathbf{Y}_1 \in \mathbb{C}_x$,

$\mathbf{Y}_2 \in \mathbb{C}_y$ nonsingüler matrisleri, $\mathbf{X}_1 = \mathbf{U}_2 \begin{pmatrix} \mathbf{Y}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{0} \end{pmatrix} \mathbf{U}_2^*$, $\mathbf{X}_4 = \mathbf{U}_3 \begin{pmatrix} \mathbf{Y}_2 & \mathbf{0} \\ \mathbf{0} & \mathbf{0} \end{pmatrix} \mathbf{U}_3^*$ olacak şekilde vardır. Ayrıca, $\mathbf{K}$ nonsingüler matrisi, $\mathbf{L}_1 \in \mathbb{C}_x$ olmak üzere, $\mathbf{K} = \mathbf{U}_2 \begin{pmatrix} \mathbf{L}_1 & \mathbf{L}_2 \\ \mathbf{L}_3 & \mathbf{L}_4 \end{pmatrix} \mathbf{U}_2^*$ şeklinde yazılabilir. (4.2) koşulu kullanılırsa, $\begin{pmatrix} \mathbf{L}_1\mathbf{Y}_1 & \mathbf{0} \\ \mathbf{L}_3\mathbf{Y}_1 & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{Y}_1\mathbf{L}_1 & \mathbf{Y}_1\mathbf{L}_2 \\ \mathbf{0} & \mathbf{0} \end{pmatrix}$ olur. O halde $\mathbf{Y}_1$ nonsingüler olduğundan $\mathbf{L}_2 = \mathbf{0}$, $\mathbf{L}_3 = \mathbf{0}$ ve

$$\mathbf{L}_1\mathbf{Y}_1 = \mathbf{Y}_1\mathbf{L}_1 \tag{4.4}$$

bulunur. Böylece $\mathbf{K} = \mathbf{U}_2 \begin{pmatrix} \mathbf{L}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{L}_4 \end{pmatrix} \mathbf{U}_2^*$ halini alır.

(4.3) ifadesindeki $\mathbf{B}$ matrisinin elde edilmesinde kullanılan yol ile aynı şekilde $\mathbf{C}$ matrisi,

$$\mathbf{C} = \mathbf{U}_1 \begin{pmatrix} \mathbf{T}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{T}_4 \end{pmatrix} \mathbf{U}_1^* \tag{4.5}$$

biçiminde yazılabilir. Burada $\mathbf{T}_1 \in \mathbb{C}_r$ olup $\mathbf{AC} = \mathbf{CA}$ eşitliğinden dolayı

$$\mathbf{T}_1\mathbf{K} = \mathbf{K}\mathbf{T}_1 \tag{4.6}$$

bulunur. Ayrıca $\mathbf{BC} = \mathbf{CB}$ olduğu kullanılarak $\mathbf{X}_1\mathbf{T}_1 = \mathbf{T}_1\mathbf{X}_1$ ve $\mathbf{X}_4\mathbf{T}_4 = \mathbf{T}_4\mathbf{X}_4$ bulunur. Diğer taraftan $\mathbf{S}_1 \in \mathbb{C}_x$, $\mathbf{S}_5 \in \mathbb{C}_y$ olmak üzere, $\mathbf{T}_1 = \mathbf{U}_2\begin{pmatrix} \mathbf{S}_1 & \mathbf{S}_2 \\ \mathbf{S}_3 & \mathbf{S}_4 \end{pmatrix}\mathbf{U}_2^*$ ve $\mathbf{T}_4 = \mathbf{U}_3\begin{pmatrix} \mathbf{S}_5 & \mathbf{S}_6 \\ \mathbf{S}_7 & \mathbf{S}_8 \end{pmatrix}\mathbf{U}_3^*$ yazılabilir. $\mathbf{X}_1\mathbf{T}_1 = \mathbf{T}_1\mathbf{X}_1$ ve $\mathbf{X}_4\mathbf{T}_4 = \mathbf{T}_4\mathbf{X}_4$ koşulları kullanılırsa, sırasıyla, $\begin{pmatrix} \mathbf{Y}_1\mathbf{S}_1 & \mathbf{Y}_1\mathbf{S}_2 \\ \mathbf{0} & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{S}_1\mathbf{Y}_1 & \mathbf{0} \\ \mathbf{S}_3\mathbf{Y}_1 & \mathbf{0} \end{pmatrix}$ ve $\begin{pmatrix} \mathbf{Y}_2\mathbf{S}_5 & \mathbf{Y}_2\mathbf{S}_6 \\ \mathbf{0} & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{S}_5\mathbf{Y}_2 & \mathbf{0} \\ \mathbf{S}_7\mathbf{Y}_2 & \mathbf{0} \end{pmatrix}$ olur. Buradan $\mathbf{Y}_1$ ve $\mathbf{Y}_2$ matrisleri nonsingüler olduklarından $\mathbf{S}_2 = \mathbf{0}$, $\mathbf{S}_3 = \mathbf{0}$ ve $\mathbf{S}_6 = \mathbf{0}$, $\mathbf{S}_7 = \mathbf{0}$,

$$\mathbf{Y}_1\mathbf{S}_1 = \mathbf{S}_1\mathbf{Y}_1 \tag{4.7}$$

ve

$$\mathbf{Y}_2\mathbf{S}_5 = \mathbf{S}_5\mathbf{Y}_2 \tag{4.8}$$

elde edilir. Böylece $\mathbf{T}_1$ ve $\mathbf{T}_4$ matrisleri, $\mathbf{T}_1 = \mathbf{U}_2\begin{pmatrix} \mathbf{S}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{S}_4 \end{pmatrix}\mathbf{U}_2^*$ ve $\mathbf{T}_4 = \mathbf{U}_3\begin{pmatrix} \mathbf{S}_5 & \mathbf{0} \\ \mathbf{0} & \mathbf{S}_8 \end{pmatrix}\mathbf{U}_3^*$ halini alır. (4.6) eşitliğinden, $\begin{pmatrix} \mathbf{S}_1\mathbf{L}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{S}_4\mathbf{L}_4 \end{pmatrix} = \begin{pmatrix} \mathbf{L}_1\mathbf{S}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{L}_4\mathbf{S}_4 \end{pmatrix}$ bulunur. Buradan da

$$\mathbf{S}_1\mathbf{L}_1 = \mathbf{L}_1\mathbf{S}_1, \tag{4.9}$$

$$\mathbf{S}_4\mathbf{L}_4 = \mathbf{L}_4\mathbf{S}_4 \tag{4.10}$$

koşulları elde edilir. Diğer taraftan $\mathbf{M}_1, \mathbf{Z}_1 \in \mathbb{C}_z$, $\mathbf{M}_5 \in \mathbb{C}_t$ ve $\mathbf{Z}_5 \in \mathbb{C}_p$ olmak üzere,

$\mathbf{L}_1 = \mathbf{U}_4 \begin{pmatrix} \mathbf{M}_1 & \mathbf{M}_2 \\ \mathbf{M}_3 & \mathbf{M}_4 \end{pmatrix} \mathbf{U}_4^*$, $\mathbf{L}_4 = \mathbf{U}_5 \begin{pmatrix} \mathbf{M}_5 & \mathbf{M}_6 \\ \mathbf{M}_7 & \mathbf{M}_8 \end{pmatrix} \mathbf{U}_5^*$ ve $\mathbf{Y}_1 = \mathbf{U}_4 \begin{pmatrix} \mathbf{Z}_1 & \mathbf{Z}_2 \\ \mathbf{Z}_3 & \mathbf{Z}_4 \end{pmatrix} \mathbf{U}_4^*$,

$\mathbf{Y}_2 = \mathbf{U}_6 \begin{pmatrix} \mathbf{Z}_5 & \mathbf{Z}_6 \\ \mathbf{Z}_7 & \mathbf{Z}_8 \end{pmatrix} \mathbf{U}_6^*$ şeklinde yazılabilirler.

Bununla birlikte (4.5) biçimli $\mathbf{C}$ matrisi bir EP matris olduğundan, $\mathbf{T}_1$ ve $\mathbf{T}_4$ matrisleri de EP'dir. Ayrıca $\mathbf{T}_1 = \mathbf{U}_2 \begin{pmatrix} \mathbf{S}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{S}_4 \end{pmatrix} \mathbf{U}_2^*$ ve $\mathbf{T}_4 = \mathbf{U}_3 \begin{pmatrix} \mathbf{S}_5 & \mathbf{0} \\ \mathbf{0} & \mathbf{S}_8 \end{pmatrix} \mathbf{U}_3^*$ olduğundan $\mathbf{S}_1$, $\mathbf{S}_4$, $\mathbf{S}_5$, $\mathbf{S}_8$ matrisleri de birer EP matris olur. Bununla birlikte Teorem 2.1.12 göz önüne alınırsa, $\mathbf{S}_1 = \mathbf{U}_4 \begin{pmatrix} \mathbf{C}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{0} \end{pmatrix} \mathbf{U}_4^*$, $\mathbf{S}_4 = \mathbf{U}_5 \begin{pmatrix} \mathbf{C}_2 & \mathbf{0} \\ \mathbf{0} & \mathbf{0} \end{pmatrix} \mathbf{U}_5^*$, $\mathbf{S}_6 = \mathbf{U}_6 \begin{pmatrix} \mathbf{C}_3 & \mathbf{0} \\ \mathbf{0} & \mathbf{0} \end{pmatrix} \mathbf{U}_6^*$ ve $\mathbf{S}_8 = \mathbf{U}_7 \begin{pmatrix} \mathbf{C}_4 & \mathbf{0} \\ \mathbf{0} & \mathbf{0} \end{pmatrix} \mathbf{U}_7^*$ yazılabilir. Burada $\mathbf{C}_1 \in \mathbb{C}_z$, $\mathbf{C}_2 \in \mathbb{C}_t$, $\mathbf{C}_3 \in \mathbb{C}_p$ ve $\mathbf{C}_4 \in \mathbb{C}_s$ nonsingüler matrisler, $\mathbf{U}_4$, $\mathbf{U}_5$, $\mathbf{U}_6$ ve $\mathbf{U}_7$ uygun boyutlu üniter matrislerdir.

(4.10) eşitliğinde matrisler yerlerine konulduğunda $\begin{pmatrix} \mathbf{C}_2\mathbf{M}_5 & \mathbf{C}_2\mathbf{M}_6 \\ \mathbf{0} & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{M}_5\mathbf{C}_2 & \mathbf{0} \\ \mathbf{M}_7\mathbf{C}_2 & \mathbf{0} \end{pmatrix}$ olur. Ayrıca, $\mathbf{C}_2$ matrisi nonsigüler olduğundan $\mathbf{M}_6 = \mathbf{0}$, $\mathbf{M}_7 = \mathbf{0}$ ve

$$\mathbf{C}_2\mathbf{M}_5 = \mathbf{M}_5\mathbf{C}_2 \tag{4.11}$$

elde edilir. Böylece $\mathbf{L}_4$ matrisi, $\mathbf{L}_4 = \mathbf{U}_5 \begin{pmatrix} \mathbf{M}_5 & \mathbf{0} \\ \mathbf{0} & \mathbf{M}_8 \end{pmatrix} \mathbf{U}_5^*$ halini alır.

$\mathbf{S}_1$ ve $\mathbf{L}_1$ matrisleri, (4.9) eşitliğinde yerlerine konulduğunda $\begin{pmatrix} \mathbf{C}_1\mathbf{M}_1 & \mathbf{C}_1\mathbf{M}_2 \\ \mathbf{0} & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{M}_1\mathbf{C}_1 & \mathbf{0} \\ \mathbf{M}_3\mathbf{C}_1 & \mathbf{0} \end{pmatrix}$ olur. Ayrıca, $\mathbf{C}_1$ matrisi nonsingüler olduğundan $\mathbf{M}_2 = \mathbf{0}$, $\mathbf{M}_3 = \mathbf{0}$ ve

$$\mathbf{C}_1\mathbf{M}_1 = \mathbf{M}_1\mathbf{C}_1 \tag{4.12}$$

elde edilir. Böylece $\mathbf{L}_1$ matrisi $\mathbf{L}_1 = \mathbf{U}_4 \begin{pmatrix} \mathbf{M}_1 & \mathbf{0} \\ \mathbf{0} & \mathbf{M}_4 \end{pmatrix} \mathbf{U}_4^*$ halini alır.

$\mathbf{Y}_2$ ve $\mathbf{S}_5$ matrisleri (4.8) eşitliğinde yerlerine konulduğunda $\begin{pmatrix} \mathbf{Z}_5\mathbf{C}_3 & \mathbf{0} \\ \mathbf{Z}_7\mathbf{C}_3 & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{C}_3\mathbf{Z}_5 & \mathbf{C}_3\mathbf{Z}_6 \\ \mathbf{0} & \mathbf{0} \end{pmatrix}$ olur. Ayrıca, $\mathbf{C}_3$ nonsingüler matris olduğundan $\mathbf{Z}_6 = \mathbf{0}$, $\mathbf{Z}_7 = \mathbf{0}$ ve

$$\mathbf{C}_3\mathbf{Z}_5 = \mathbf{Z}_5\mathbf{C}_3 \tag{4.13}$$

elde edilir. Böylece $\mathbf{Y}_2$ matrisi, $\mathbf{Y}_2 = \mathbf{U}_6 \begin{pmatrix} \mathbf{Z}_5 & \mathbf{0} \\ \mathbf{0} & \mathbf{Z}_8 \end{pmatrix} \mathbf{U}_6^*$ halini alır.

$\mathbf{Y}_1$ ve $\mathbf{S}_1$ matrisleri (4.7) eşitliğinde yerlerine konulursa $\begin{pmatrix} \mathbf{Z}_1\mathbf{C}_1 & \mathbf{0} \\ \mathbf{Z}_3\mathbf{C}_1 & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{C}_1\mathbf{Z}_1 & \mathbf{C}_1\mathbf{Z}_2 \\ \mathbf{0} & \mathbf{0} \end{pmatrix}$ olur. Ayrıca, $\mathbf{C}_1$ nonsingüler matris olduğundan $\mathbf{Z}_2 = \mathbf{0}$, $\mathbf{Z}_3 = \mathbf{0}$ ve

$$\mathbf{C}_1\mathbf{Z}_1 = \mathbf{Z}_1\mathbf{C}_1 \tag{4.14}$$

elde edilir. Böylece $\mathbf{Y}_1$ matrisi, $\mathbf{Y}_1 = \mathbf{U}_4\begin{pmatrix}\mathbf{Z}_1 & \mathbf{0}\\ \mathbf{0} & \mathbf{Z}_4\end{pmatrix}\mathbf{U}_4^*$ halini alır.

$\mathbf{L}_1$ ve $\mathbf{Y}_1$ matrisleri (4.4) eşitliğinde yerlerine yazılırsa, $\begin{pmatrix}\mathbf{M}_1\mathbf{Z}_1 & \mathbf{0}\\ \mathbf{0} & \mathbf{M}_4\mathbf{Z}_4\end{pmatrix} = \begin{pmatrix}\mathbf{Z}_1\mathbf{M}_1 & \mathbf{0}\\ \mathbf{0} & \mathbf{Z}_4\mathbf{M}_4\end{pmatrix}$ olur. Buradan da,

$$\mathbf{M}_1\mathbf{Z}_1 = \mathbf{Z}_1\mathbf{M}_1 \tag{4.15}$$

$$\mathbf{M}_4\mathbf{Z}_4 = \mathbf{Z}_4\mathbf{M}_4 \tag{4.16}$$

koşulları elde edilir.

$\mathbf{M}_1$, $\mathbf{M}_4, \mathbf{M}_5$, $\mathbf{M}_8$ matrislerinin yerlerine, sırasıyla, $\mathbf{A}_1$, $\mathbf{A}_2$, $\mathbf{A}_3$, $\mathbf{A}_4$ matrisleri ve $\mathbf{Z}_1$, $\mathbf{Z}_4$, $\mathbf{Z}_5$, $\mathbf{Z}_8$ matrislerinin yerlerine, sırasıyla, $\mathbf{B}_1$, $\mathbf{B}_2$, $\mathbf{B}_3$, $\mathbf{B}_4$ matrisleri alınarak, gerekli matrisler (4.1), (4.3), (4.5) ifadelerinde yerlerine yazılırsa $\mathbf{A}$, $\mathbf{B}$, $\mathbf{C}$ matrislerinin, teoremin a) şıkkında belirtilen şekilde olduğu görülür.

Yukarıdaki yerine yazma işlemleri yapıldıktan sonra (4.11) – (4.16) koşulları tekrar yazıldığında; (4.11) ifadesi $\mathbf{C}_2\mathbf{A}_3 = \mathbf{A}_3\mathbf{C}_2$ şekline; (4.12) ifadesi $\mathbf{C}_1\mathbf{A}_1 = \mathbf{A}_1\mathbf{C}_1$ şekline; (4.13) ifadesi $\mathbf{C}_3\mathbf{B}_3 = \mathbf{B}_3\mathbf{C}_3$ şekline; (4.14) ifadesi $\mathbf{C}_1\mathbf{B}_1 = \mathbf{B}_1\mathbf{C}_1$ şekline; (4.15) ifadesi $\mathbf{A}_1\mathbf{B}_1 = \mathbf{B}_1\mathbf{A}_1$ şekline; (4.16) ifadesi ise $\mathbf{A}_2\mathbf{B}_2 = \mathbf{B}_2\mathbf{A}_2$ şekline gelir. Bu ise teoremin b) şıkkının ispatlar.

Ayrıca, burada $\mathbf{U}$ üniter matrisi $\mathbf{U}=\mathbf{U}_1\left(\mathbf{U}_2\oplus\mathbf{U}_3\right)\left(\mathbf{U}_4\oplus\mathbf{U}_5\oplus\mathbf{U}_6\oplus\mathbf{U}_7\right)$ şeklindedir. Böylece teoremin ispatı tamamlanmış olur. ■

4.1. Üç Karşılıklı Değişmeli İnvolutif Matrisin Lineer Kombinasyonunun Tripotentliği

$c_1,c_2,c_3\in\mathbb{C}\setminus\{0\}$ ve $\mathbf{A}_1,\mathbf{A}_2,\mathbf{A}_3\in\mathbb{C}_n^I$ karşılıklı değişmeli matrisler olmak üzere,

$$\mathbf{T}=c_1\mathbf{A}_1+c_2\mathbf{A}_2+c_3\mathbf{A}_3 \tag{4.17}$$

olsun.

Bir involutif matrisin minimal polinomu, $(\lambda-1)(\lambda+1)$ ifadesinin çarpanlarından biri olabilir. Dolayısı ile Teorem 2.2.6 düşünüldüğünde (4.17) lineer kombinasyonundaki $\mathbf{A}_1$, $\mathbf{A}_2$ ve $\mathbf{A}_3$ matrisleri köşegenleştirilebilir. Ayrıca, bu matrisler karşılıklı değişmeli olduklarından, Teorem 2.2.7'ye göre üçünü eşanlı köşegenleştiren bir $\mathbf{U}$ tersinir matrisi vardır. Bu durumda genelliği bozmaksızın $\mathbf{A}_1$, $\mathbf{A}_2$ ve $\mathbf{A}_3$ matrisleri, $\sum_{i=1}^{8} n_i=n$ ve $0\le n_i\le n$, $i=1,2,\ldots,8$, olmak üzere,

$$\begin{aligned}
\mathbf{A}_1&=\mathbf{S}\left(\mathbf{I}_{n_1}\oplus\mathbf{I}_{n_2}\oplus\mathbf{I}_{n_3}\oplus\mathbf{I}_{n_4}\oplus-\mathbf{I}_{n_5}\oplus-\mathbf{I}_{n_6}\oplus-\mathbf{I}_{n_7}\oplus-\mathbf{I}_{n_8}\right)\mathbf{S}^{-1}\\
\mathbf{A}_2&=\mathbf{S}\left(\mathbf{I}_{n_1}\oplus\mathbf{I}_{n_2}\oplus-\mathbf{I}_{n_3}\oplus-\mathbf{I}_{n_4}\oplus\mathbf{I}_{n_5}\oplus\mathbf{I}_{n_6}\oplus-\mathbf{I}_{n_7}\oplus-\mathbf{I}_{n_8}\right)\mathbf{S}^{-1}\\
\mathbf{A}_3&=\mathbf{S}\left(\mathbf{I}_{n_1}\oplus-\mathbf{I}_{n_2}\oplus\mathbf{I}_{n_3}\oplus-\mathbf{I}_{n_4}\oplus\mathbf{I}_{n_5}\oplus-\mathbf{I}_{n_6}\oplus\mathbf{I}_{n_7}\oplus-\mathbf{I}_{n_8}\right)\mathbf{S}^{-1}
\end{aligned} \tag{4.18}$$

biçiminde yazılabilir. Burada $\mathbf{I}_{n_i}$, $n_i \times n_i$, $i = 1,2,\ldots,8$, boyutlu birim matrisleri göstermektedir. Ayrıca, $\left(\mathbf{I}_{n_1},\mathbf{I}_{n_1},\mathbf{I}_{n_1}\right)$, $\left(\mathbf{I}_{n_2},\mathbf{I}_{n_2},-\mathbf{I}_{n_2}\right)$, $\left(\mathbf{I}_{n_3},-\mathbf{I}_{n_3},\mathbf{I}_{n_3}\right)$, $\left(\mathbf{I}_{n_4},-\mathbf{I}_{n_4},-\mathbf{I}_{n_4}\right)$, $\left(-\mathbf{I}_{n_5},\mathbf{I}_{n_5},\mathbf{I}_{n_5}\right)$, $\left(-\mathbf{I}_{n_6},\mathbf{I}_{n_6},-\mathbf{I}_{n_6}\right)$, $\left(-\mathbf{I}_{n_7},-\mathbf{I}_{n_7},\mathbf{I}_{n_7}\right)$, $\left(-\mathbf{I}_{n_8},-\mathbf{I}_{n_8},-\mathbf{I}_{n_8}\right)$ blok üçlülerinin bazıları $\mathbf{A}_1,\mathbf{A}_2,\mathbf{A}_3$ matrislerinin (4.18) biçimli ifadesinde görünmeyebilir.

Aşağıdaki teorem [18] çalışmasında mevcut olup, Teorem 3.3.1 olarak hatırlatılmıştır. Bununla birlikte, farklı bir ispatı ile aşağıda yeniden verilmektedir. Ancak [18] çalışmasında mevcut olan teoremin şıklarında eksiklik vardır. Burada verilen ispat ile bu eksiklikler giderilmiştir.

Teorem 4.1.1. $\mathbf{A}_1,\mathbf{A}_2,\mathbf{A}_3 \in \mathbb{C}_n^I$ karşılıklı değişmeli, yani, $i \neq j$, $i,j = 1,2,3$, için $\mathbf{A}_i\mathbf{A}_j = \mathbf{A}_j\mathbf{A}_i$, koşulunu sağlayan, involutif matrisler ve $c_1,c_2,c_3 \in \mathbb{C}\setminus\{0\}$ için $\mathbf{T}$ bu matrislerin

$$\mathbf{T} = c_1\mathbf{A}_1 + c_2\mathbf{A}_2 + c_3\mathbf{A}_3 \tag{4.19}$$

biçimindeki lineer kombinasyonu olsun. Bu durumda, $\mathbf{T}$ matrisinin tripotent olması için gerekli ve yeterli bir koşul aşağıdaki durumlardan birinin sağlanmasıdır:

a) $c_1 + c_2 + c_3 \in \{-1,0,1\}$ ve $\mathbf{A}_1 = \mathbf{A}_2 = \mathbf{A}_3$;

b) $c_i + c_j - c_k \in \{-1,0,1\}$ ve $\mathbf{A}_i = \mathbf{A}_j = -\mathbf{A}_k$;

c) $\pm\left(c_i,c_j,c_k\right) \in \left\{\left(\frac{1}{2},\frac{1}{2},1\right),(1,1,1)\right\}$ ve $\mathbf{A}_1 + \mathbf{A}_2 + \mathbf{A}_3 + \mathbf{A}_1\mathbf{A}_2\mathbf{A}_3 = \mathbf{0}$, $\mathbf{A}_1 \neq \pm\mathbf{A}_2$, $\mathbf{A}_1 \neq \pm\mathbf{A}_3$, $\mathbf{A}_2 \neq \pm\mathbf{A}_3$;

d) $\pm\left(c_i,c_j,c_k\right) \in \left\{\left(1,\frac{1}{2},-\frac{1}{2}\right),\left(\frac{1}{2},\frac{1}{2},-1\right),(1,1,-1)\right\}$ ve $\mathbf{A}_i\mathbf{A}_j\mathbf{A}_k + \mathbf{A}_k = \mathbf{A}_i + \mathbf{A}_j$, $\mathbf{A}_i \neq \pm\mathbf{A}_j$, $\mathbf{A}_i \neq \pm\mathbf{A}_k$, $\mathbf{A}_j \neq \pm\mathbf{A}_k$;

e) $\left(\left|c_i + c_j\right|, \left|c_k\right|\right) \in \left\{\left(\frac{1}{2}, \frac{1}{2}\right), \left(0,1\right)\right\}$ ve $\mathbf{A}_i = \mathbf{A}_j \neq \pm\mathbf{A}_k$;

f) $\left(\left|c_i - c_j\right|, \left|c_k\right|\right) \in \left\{\left(\frac{1}{2}, \frac{1}{2}\right), \left(0,1\right)\right\}$ ve $\mathbf{A}_i = -\mathbf{A}_j \neq \pm\mathbf{A}_k$.

Buradaki tüm durumlar için, $i \neq j,\ i \neq k,\ j \neq k$ ve $i, j, k = 1,2,3$, dir.

İspat. $\mathbf{A}_i^2 = \mathbf{I}_n$ ve $\mathbf{A}_i$, $i = 1,2,3$, matrislerinin karşılıklı değişmeli oldukları göz önünde bulundurulursa, (4.19) biçimindeki $\mathbf{T}$ lineer kombinasyonunun tripotent olması için gerekli ve yeterli koşul $\left(c_1\mathbf{A}_1 + c_2\mathbf{A}_2 + c_3\mathbf{A}_3\right)^3 = c_1\mathbf{A}_1 + c_2\mathbf{A}_2 + c_3\mathbf{A}_3$, yani,

$$\begin{aligned} &c_1\left(c_1^2 + 3c_2^2 + 3c_3^2 - 1\right)\mathbf{A}_1 + c_2\left(c_2^2 + 3c_1^2 + 3c_3^2 - 1\right)\mathbf{A}_2 \\ &+ c_3\left(c_3^2 + 3c_1^2 + 3c_2^2 - 1\right)\mathbf{A}_3 + 6c_1c_2c_3\mathbf{A}_1\mathbf{A}_2\mathbf{A}_3 = \mathbf{0} \end{aligned} \tag{4.20}$$

olmasıdır. Ayrıca (4.18) gösteriminden $\mathbf{T}$ lineer kombinasyon matrisi

$$\begin{aligned} \mathbf{T} = \mathbf{S}\Big(&\left(c_1 + c_2 + c_3\right)\mathbf{I}_{n_1} \oplus \left(c_1 + c_2 - c_3\right)\mathbf{I}_{n_2} \oplus \left(c_1 - c_2 + c_3\right)\mathbf{I}_{n_3} \\ &\oplus \left(c_1 - c_2 - c_3\right)\mathbf{I}_{n_4} \oplus \left(-c_1 + c_2 + c_3\right)\mathbf{I}_{n_5} \oplus \left(-c_1 + c_2 - c_3\right)\mathbf{I}_{n_6} \\ &\oplus \left(-c_1 - c_2 + c_3\right)\mathbf{I}_{n_7} \oplus \left(-c_1 - c_2 - c_3\right)\mathbf{I}_{n_8}\Big)\mathbf{S}^{-1} \end{aligned} \tag{4.21}$$

veya

$$\mathbf{T} = \mathbf{S}\left(\alpha_1\mathbf{I}_{n_1} \oplus \alpha_2\mathbf{I}_{n_2} \oplus \alpha_3\mathbf{I}_{n_3} \oplus \alpha_4\mathbf{I}_{n_4} \oplus \alpha_5\mathbf{I}_{n_5} \oplus \alpha_6\mathbf{I}_{n_6} \oplus \alpha_7\mathbf{I}_{n_7} \oplus \alpha_8\mathbf{I}_{n_8}\right)\mathbf{S}^{-1} \tag{4.22}$$

biçiminde yazılabilir. Burada $\alpha_1, \alpha_2, \alpha_3, \alpha_4, \alpha_5, \alpha_6, \alpha_7, \alpha_8$ ifadeleri, sırası ile, $c_1+c_2+c_3$, $c_1+c_2-c_3$, $c_1-c_2+c_3$, $c_1-c_2-c_3$, $-c_1+c_2+c_3$, $-c_1+c_2-c_3$, $-c_1-c_2+c_3$, $-c_1-c_2-c_3$ dir.

$\mathbf{T}$ matrisi tripotent olsun. Bu durumda (4.22) ifadesinden $\alpha_i \mathbf{I}_{n_i}$ matrislerinin tripotent olması, yani $\alpha_i^3 - \alpha_i = 0$, $i = 1,2,\ldots,8$, olması gerekir. Böylece, sonuçları $\{-1,0,1\}$ kümesinde olan üç bilinmeyenli sekiz denklem elde edilir. Ancak $\mathbf{T}$ matrisinin (4.21) ifadesindeki, blok matrislerin direkt toplamı olarak yazılmış halinde, tüm bloklar aynı anda görünmeyebilir. Dolayısı ile, blokların görünüp görünmemesine göre denklem sayıları farklılık gösterebilir. Şimdi, bu sekiz bloğun tüm olası mevcudiyet durumlarına göre ispat yapılacaktır.

i. Yalnızca tek bir bloğun ortaya çıkması, diğer blokların görünmemesi durumu:

Aşağıdaki tabloda (4.21) ifadesinde görünen bloklara göre (c_1,c_2,c_3) üçlülerinin ve $\mathbf{A}_1$, $\mathbf{A}_2$, $\mathbf{A}_3$ matrislerinin sağlaması gereken koşullar, (4.18) göz önüne alınarak, verilmektedir.

Tablo 4.1. Yalnızca Tek Bir Bloğun Görünmesi Diğerlerinin Görünmemesi Durumu

Görünen Blok No	(c_1,c_2,c_3) Koşulları	Matris Koşulları
1.	$c_1+c_2+c_3 \in \{-1,0,1\}$	$\mathbf{A}_1 = \mathbf{A}_2 = \mathbf{A}_3$
2.	$c_1+c_2-c_3 \in \{-1,0,1\}$	$\mathbf{A}_1 = \mathbf{A}_2 = -\mathbf{A}_3$
3.	$c_1-c_2+c_3 \in \{-1,0,1\}$	$\mathbf{A}_1 = -\mathbf{A}_2 = \mathbf{A}_3$
4.	$c_1-c_2-c_3 \in \{-1,0,1\}$	$-\mathbf{A}_1 = \mathbf{A}_2 = \mathbf{A}_3$
5.	$-c_1+c_2+c_3 \in \{-1,0,1\}$	$-\mathbf{A}_1 = \mathbf{A}_2 = \mathbf{A}_3$
6.	$-c_1+c_2-c_3 \in \{-1,0,1\}$	$\mathbf{A}_1 = -\mathbf{A}_2 = \mathbf{A}_3$
7.	$-c_1-c_2+c_3 \in \{-1,0,1\}$	$\mathbf{A}_1 = \mathbf{A}_2 = -\mathbf{A}_3$
8.	$-c_1-c_2-c_3 \in \{-1,0,1\}$	$\mathbf{A}_1 = \mathbf{A}_2 = \mathbf{A}_3$

Yalnızca 1. veya yalnızca 8. bloğun göründüğü düşünülürse, $c_1 + c_2 + c_3 \in \{-1,0,1\}$ ve $\mathbf{A}_1 = \mathbf{A}_2 = \mathbf{A}_3$ elde edilir. Bu, a) şıkkını ispatlar.

Yalnızca 2., 3., 4., 5., 6. veya 7. bloklardan birinin göründüğü düşünülürse, $c_i + c_j - c_k \in \{-1,0,1\}$ ve $\mathbf{A}_i = \mathbf{A}_j = -\mathbf{A}_k$ bulunur. Burada, $i, j, k = 1,2,3$, $i \neq j$, $i \neq k$, $j \neq k$, dır. Bu ise b) şıkkını ispatlar.

ii. Herhangi üç bloğun birlikte görünmesi, diğerlerinin görünmemesi durumu:

Bu durumda karşılaşılabilecek 1512 adet denklem sistemi mevcuttur. Çünkü, var olabilecek sekiz bloktan herhangi üçü $\binom{8}{3} = 56$ farklı şekilde seçilebilir. Ayrıca, Tablo 4.1' deki "(c_1, c_2, c_3) Koşulları" sütununda görünen sekiz denklemin her birinin üç sonucu vardır. Böylece üç bilinmeyenli üç denklemli $56 \cdot 3^3 = 1512$ adet alt denklem sistemi oluşur. Bu alt sistemlerin çözümü, Ek A'da verilmiş olan algoritma kullanılarak, örneğin, Mathematica 8.0 paket programı yardımıyla, yapılırsa Ek B'deki (c_1, c_2, c_3) üçlüleri (skaler veya parametrik) elde edilir.

Ek B'deki tablo beş sütundan oluşmaktadır. Bunlardan ilk sütunda çözümün sıra numarası, ikinci sütunda denklem sisteminin katsayılar matrisinin satırları, üçüncü sütunda sistemin karşı taraf vektörünün transpozesi, dördüncü sütunda elde edilen (c_1, c_2, c_3) üçlüleri, beşinci sütunda alt sistemlerin oluşumunda (4.21) ifadesindeki sekiz bloktan hangi üçünün göründüğünün kabul edildiği belirtilmektedir.

Ek B tablosundaki 1–64 numaralı satırlar incelendiğinde $\pm\left(c_1,c_2,c_3\right)\in\left\{(1,1,1),\left(1,\frac{1}{2},\frac{1}{2}\right),\left(\frac{1}{2},1,\frac{1}{2}\right),\left(\frac{1}{2},\frac{1}{2},1\right)\right\}$ olduğu görülür. Bu ifade düzenlenirse, kısaca, $\pm\left(c_i,c_j,c_k\right)\in\left\{\left(\frac{1}{2},\frac{1}{2},1\right),(1,1,1)\right\}$, $i,\ j,\ k=1,2,3$, $i\neq j$, $i\neq k$, $j\neq k$, yazılabilir. Bu üçlüler (4.20) denkleminde yerine yazılırsa $\mathbf{A}_1+\mathbf{A}_2+\mathbf{A}_3+\mathbf{A}_1\mathbf{A}_2\mathbf{A}_3=\mathbf{0}$ elde edilir. Böylece c) şıkkının ispatı tamamlanır.

EK B tablosundaki 65–128, 129–192, 193–256 numaralı satırlar incelendiğinde, sırası ile,

$$\pm\left(c_1,c_2,c_3\right)\in\left\{(1,-1,1),\left(1,-\frac{1}{2},\frac{1}{2}\right),\left(\frac{1}{2},-1,\frac{1}{2}\right),\left(\frac{1}{2},-\frac{1}{2},1\right)\right\}, \tag{4.23}$$

$$\pm\left(c_1,c_2,c_3\right)\in\left\{(-1,1,1),\left(1,-\frac{1}{2},-\frac{1}{2}\right),\left(\frac{1}{2},-1,-\frac{1}{2}\right),\left(\frac{1}{2},-\frac{1}{2},-1\right)\right\}, \tag{4.24}$$

$$\pm\left(c_1,c_2,c_3\right)\in\left\{(1,1,-1),\left(1,\frac{1}{2},-\frac{1}{2}\right),\left(\frac{1}{2},1,-\frac{1}{2}\right),\left(\frac{1}{2},\frac{1}{2},-1\right)\right\} \tag{4.25}$$

olduğu görülür. Bu üçlüler (4.20) denkleminde yerine yazılırsa, sırası ile,

$$\mathbf{A}_1\mathbf{A}_2\mathbf{A}_3+\mathbf{A}_2=\mathbf{A}_1+\mathbf{A}_3, \tag{4.26}$$

$$\mathbf{A}_1\mathbf{A}_2\mathbf{A}_3+\mathbf{A}_1=\mathbf{A}_2+\mathbf{A}_3, \tag{4.27}$$

$$\mathbf{A}_1\mathbf{A}_2\mathbf{A}_3+\mathbf{A}_3=\mathbf{A}_1+\mathbf{A}_2 \tag{4.28}$$

elde edilir. (4.23), (4.24), (4.25) ifadeleri birlikte düşünüldüğünde kısaca, $\pm\left(c_i,c_j,c_k\right)\in\left\{\left(1,\frac{1}{2},-\frac{1}{2}\right),\left(\frac{1}{2},\frac{1}{2},-1\right),\left(1,1,-1\right)\right\}$; (4.26), (4.27), (4.28) ifadeleri birlikte düşünülürse kısaca, $\mathbf{A}_i\mathbf{A}_j\mathbf{A}_k+\mathbf{A}_k=\mathbf{A}_i+\mathbf{A}_j$, $i,j,k=1,2,3$, $i\neq j$, $i\neq k$, $j\neq k$, yazılabilir. Böylece d) şıkkı ispatlanmış olur.

Böylece, Ek B tablosundaki $\left(c_1,c_2,c_3\right)$ skaler üçlülerinin tamamı sınıflandırılmış olur. Geri kalan parametrik üçlülerle alakalı olarak Ek B tablosunda 257–280, 281–304, 305–328 nolu satırlar göz önüne alınırsa, sırası ile,

$$\left(\left|c_1+c_2\right|,\left|c_3\right|\right)\in\left\{\left(0,1\right),\left(\frac{1}{2},\frac{1}{2}\right)\right\}, \tag{4.29}$$

$$\left(\left|c_1+c_3\right|,\left|c_2\right|\right)\in\left\{\left(0,1\right),\left(\frac{1}{2},\frac{1}{2}\right)\right\}, \tag{4.30}$$

$$\left(\left|c_2+c_3\right|,\left|c_1\right|\right)\in\left\{\left(0,1\right),\left(\frac{1}{2},\frac{1}{2}\right)\right\} \tag{4.31}$$

olduğu görülür. Dikkat edilirse bu üçlüler, sırası ile, $\{1,2,7,8\}$, $\{1,3,6,8\}$, $\{1,4,5,8\}$ dörtlü bloklarının tüm üçlü alt kombinasyonlarının görünmesi durumunda bulunmuştur. (4.21) ifadesinde $\{1,2,7,8\}$, $\{1,3,6,8\}$, $\{1,4,5,8\}$ blokları göründüğünde $\mathbf{A}_1$, $\mathbf{A}_2$, $\mathbf{A}_3$ matrislerinin, sırası ile,

$$\mathbf{A}_1 = \mathbf{A}_2 \neq \pm\mathbf{A}_3, \tag{4.32}$$

$$\mathbf{A}_1 = \mathbf{A}_3 \neq \pm\mathbf{A}_2, \tag{4.33}$$

$$\mathbf{A}_2 = \mathbf{A}_3 \neq \pm\mathbf{A}_1 \tag{4.34}$$

koşullarını sağladığı, (4.18) göz önüne alındığında açıktır. (4.29), (4.30), (4.31) ve (4.32), (4.33), (4.34) ifadeleri düşünüldüğünde, sırası ile, $\left(\left|c_i + c_j\right|, \left|c_k\right|\right) \in \left\{(0,1), \left(\frac{1}{2}, \frac{1}{2}\right)\right\}$ ve $\mathbf{A}_i = \mathbf{A}_j \neq \pm\mathbf{A}_k$, $i \neq j$, $i \neq k$, $j \neq k$, $i, j, k = 1,2,3$, elde edilir. Dolayısı ile e) şıkkının ispatı tamamlanır.

Ek B tablosunda 329–352, 353–376, 377–400 nolu satırlar göz önüne alınırsa, sırası ile,

$$\left(\left|c_2 - c_3\right|, \left|c_1\right|\right) \in \left\{(0,1), \left(\frac{1}{2}, \frac{1}{2}\right)\right\}, \tag{4.35}$$

$$\left(\left|c_1 - c_3\right|, \left|c_2\right|\right) \in \left\{(0,1), \left(\frac{1}{2}, \frac{1}{2}\right)\right\}, \tag{4.36}$$

$$\left(\left|c_1-c_2\right|,\left|c_3\right|\right)\in\left\{(0,1),\left(\frac{1}{2},\frac{1}{2}\right)\right\} \tag{4.37}$$

olduğu görülür. Dikkat edilirse bu üçlüler, sırası ile, $\{2,3,6,7\}$, $\{2,4,5,7\}$, $\{3,4,5,6\}$ dörtlü bloklarının tüm üçlü alt kombinasyonlarının görünmesi durumlarında elde edilmiştir. (4.21) ifadesinde $\{2,3,6,7\}$, $\{2,4,5,7\}$, $\{3,4,5,6\}$ blokları göründüğünde $\mathbf{A}_1$, $\mathbf{A}_2$, $\mathbf{A}_3$ matrislerinin, sırası ile,

$$\mathbf{A}_2=-\mathbf{A}_3\neq\pm\mathbf{A}_1, \tag{4.38}$$

$$\mathbf{A}_1=-\mathbf{A}_3\neq\pm\mathbf{A}_2, \tag{4.39}$$

$$\mathbf{A}_1=-\mathbf{A}_2\neq\pm\mathbf{A}_3 \tag{4.40}$$

koşullarını sağladığı, (4.18) göz önüne alındığında açıktır. (4.35), (4.36), (4.37) ve (4.38), (4.39), (4.40) ifadeleri düşünüldüğünde, sırası ile,

$\left(\left|c_i-c_j\right|,\left|c_k\right|\right)\in\left\{(0,1),\left(\frac{1}{2},\frac{1}{2}\right)\right\}$ ve $\mathbf{A}_i=-\mathbf{A}_j\neq\pm\mathbf{A}_k$, $i\neq j$, $i\neq k$, $j\neq k$, $i,j,k=1,2,3$, elde edilir. Böylece teoremin gereklilik kısmının ispatı tamamlanır.

Yeterlilik kısmının ispatı için, teoremin şıklarındaki koşulların (4.20) denklemini sağladığını görmek yeterlidir. ■

Uyarı 4.1.2. Burada dikkat edilirse ispat, (4.21) ifadesindeki sekiz bloktan yalnızca tek bir bloğun ortaya çıktığı veya yalnızca üç bloğun ortaya çıktığı durumlar altında verilmiştir. Burada sadece iki, sadece dört, sadece beş, sadece altı, sadece yedi bloğun veya tüm blokların birlikte görünmesi durumlarını ele alınmayışının sebepleri şunlardır:

- Sadece iki bloğun birlikte görünmesi durumu ele alınmamıştır. Çünkü, Tablo 4.1'de "(c_1, c_2, c_3) Koşulları" sütunundaki ifadelere dikkat edilirse, onlar ikişer ikişer birbirinin "-1" katı ve bu ifadelerin alabileceği değerler de $\{-1, 0, 1\}$ kümesindedir. Dolayısı ile ele alınan "Herhangi üç bloğun birlikte görünmesi diğerlerinin görünmemesi" durumu, bu skaler katlardan dolayı yalnızca iki bloğun birlikte göründüğü durumlardaki tüm (iki denklemli) sistemleri ve dolayısıyla bunların çözümlerini içermektedir. Bunlar da zaten ispatın içerisinde elde edilmektedir.
- Sadece beş, sadece altı, sadece yedi bloğun veya tüm blokların birlikte görünmesi durumları incelenmemiştir. Çünkü, yine bu ifadelerin dolayısıyla denklemlerin, birbirinin "-1" katı olmasından dolayı, lineer bağımsız olan ancak dört denklemli denklem sistemleri elde edilebilir. O halde, 5, 6, 7 veya 8 denklemli lineer denklem sistemlerini çözmek, dört denklemli lineer bağımsız denklem sistemlerini çözmeye denk olacaktır.
- Sadece dört bloğun birlikte görünmesi durumu incelenmemiştir. Çünkü, bu durumda üç bilinmeyenli dört denklemli denklem sistemleri ortaya çıkar. Lineer denklemler teorisinden açıktır ki; böyle bir sistemin çözümlerinin kümesi, bu dört denklemin üçlü alt kombinasyonları ile oluşan, üç bilinmeyenli üç denklemli tüm alt sistemlerin çözümlerinin kesişim kümesine eşittir. Dolayısı ile, aranan çözümler yalnızca üç bloğun ortaya çıktığı durumda mevcuttur ve zaten bunlar ispatın içerisinde elde edilmektedir.

4.2. Üç Karşılıklı Değişmeli Tripotent Matrisin Lineer Kombinasyonunun Tripotentliği

$c_1, c_2, c_3 \in \mathbb{C} \setminus \{0\}$ ve $\mathbf{T}_1, \mathbf{T}_2, \mathbf{T}_3 \in \mathbb{C}_n^T \setminus \{\mathbf{0}\}$ karşılıklı değişmeli matrisler olmak üzere,

$$\mathbf{T} = c_1\mathbf{T}_1 + c_2\mathbf{T}_2 + c_3\mathbf{T}_3 \tag{4.41}$$

lineer kombinasyonu ele alınsın.

Bir tripotent matrisin minimal polinomu, $\lambda(\lambda+1)(\lambda-1)$ ifadesinin çarpanlarından biri olabilir. Dolayısıyla, Teorem 2.2.6 göz önüne alınırsa $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrisleri köşegenleştirilebilirdir. Ayrıca, $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrisleri karşılıklı değişmeli olduklarından Teorem 2.2.7'ye göre üçünü eşanlı köşegenleştiren bir $\mathbf{S}$ tersinir matrisi vardır. Bu durumda, genelliği bozmaksızın $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrisleri,

$$\begin{aligned}
\mathbf{T}_1 &= \mathbf{S}\left(\mathbf{A}_1 \oplus \mathbf{B}_1 \oplus \mathbf{C}_1 \oplus \mathbf{D}_1 \oplus \mathbf{0} \oplus \mathbf{0} \oplus \mathbf{0} \oplus \mathbf{0}\right)\mathbf{S}^{-1} \\
\mathbf{T}_2 &= \mathbf{S}\left(\mathbf{A}_2 \oplus \mathbf{B}_2 \oplus \mathbf{0} \oplus \mathbf{0} \oplus \mathbf{C}_2 \oplus \mathbf{D}_2 \oplus \mathbf{0} \oplus \mathbf{0}\right)\mathbf{S}^{-1} \\
\mathbf{T}_3 &= \mathbf{S}\left(\mathbf{A}_3 \oplus \mathbf{0} \oplus \mathbf{B}_3 \oplus \mathbf{0} \oplus \mathbf{C}_3 \oplus \mathbf{0} \oplus \mathbf{D}_3 \oplus \mathbf{0}\right)\mathbf{S}^{-1}
\end{aligned} \tag{4.42}$$

biçiminde yazılabilir. Burada $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrislerindeki karşılıklı değişmeli bloklar arasında toplama ve çarpma işlemleri tanımlı olacak şekilde $\mathbf{A}_i$, $\mathbf{B}_i$, $\mathbf{C}_i$, $\mathbf{D}_i$, $i=1,2,3$, uygun boyutlu köşegen involutif matrislerdir. Ayrıca, $\mathbf{A}_1,\mathbf{A}_2,\mathbf{A}_3$ matrislerinin karşılıklı karşılıklı değişmeli, $\mathbf{B}_1$ ve $\mathbf{B}_2$, $\mathbf{C}_1$ ve $\mathbf{B}_3$, $\mathbf{C}_2$ ve $\mathbf{C}_3$ matrislerinin de değişmeli olduğu kabul edilmektedir. Bununla birlikte, $(\mathbf{A}_1,\mathbf{A}_2,\mathbf{A}_3)$, $(\mathbf{B}_1,\mathbf{B}_2,\mathbf{0})$, $(\mathbf{C}_1,\mathbf{0},\mathbf{B}_3)$, $(\mathbf{D}_1,\mathbf{0},\mathbf{0})$, $(\mathbf{0},\mathbf{C}_2,\mathbf{C}_3)$, $(\mathbf{0},\mathbf{D}_2,\mathbf{0})$, $(\mathbf{0},\mathbf{0},\mathbf{D}_3)$ ve $(\mathbf{0},\mathbf{0},\mathbf{0})$ blok üçlülerinden bazıları, $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrislerinin (4.42) biçimli ifadesinde görünmeyebilir.

Teorem 4.2.1. $\mathbf{T}_1, \mathbf{T}_2, \mathbf{T}_3 \in \mathbb{C}_n^T$ karşılıklı değişmeli, yani $\mathbf{T}_i\mathbf{T}_j = \mathbf{T}_j\mathbf{T}_i$, $i \neq j$, $i, j = 1,2,3$, koşulunu sağlayan, tripotent matrisler ve $c_1, c_2, c_3 \in \mathbb{C} \setminus \{0\}$ için $\mathbf{T}$ bu matrislerin

$$\mathbf{T} = c_1\mathbf{T}_1 + c_2\mathbf{T}_2 + c_3\mathbf{T}_3 \tag{4.43}$$

biçimindeki lineer kombinasyonu olsun. Bu durumda, $\mathbf{T}$ matrisinin tripotent olması için gerekli ve yeterli bir koşul aşağıdaki durumlardan birinin sağlanmasıdır:

a1)–a6) Teorem 4.1.1'in herhangi bir şıkkı;

a7) $\pm(c_i, c_j, c_k) = (1,1,1)$ ve

$$\mathbf{T}_i^2\mathbf{T}_j + \mathbf{T}_i^2\mathbf{T}_k + \mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + \mathbf{T}_i\mathbf{T}_k^2 + \mathbf{T}_j\mathbf{T}_k^2 + 2\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a8) $\pm(c_i, c_j, c_k) = (1,1,-1)$ ve

$$\mathbf{T}_i^2\mathbf{T}_j - \mathbf{T}_i^2\mathbf{T}_k - \mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + \mathbf{T}_i\mathbf{T}_k^2 + \mathbf{T}_j\mathbf{T}_k^2 - 2\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a9) $\pm(c_i, c_j, c_k) = (1,1,2)$ ve

$$2\mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j + 2\mathbf{T}_i^2\mathbf{T}_k + 2\mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + 4\mathbf{T}_i\mathbf{T}_k^2 + 4\mathbf{T}_j\mathbf{T}_k^2 + 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a10) $\pm(c_i, c_j, c_k) = (1,1,-2)$ ve

$$-2\mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j - 2\mathbf{T}_i^2\mathbf{T}_k - 2\mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + 4\mathbf{T}_i\mathbf{T}_k^2 + 4\mathbf{T}_j\mathbf{T}_k^2 - 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a11) $\pm(c_i, c_j, c_k) = (1,-1,-2)$ ve

$$-2\mathbf{T}_k - \mathbf{T}_i^2\mathbf{T}_j - 2\mathbf{T}_i^2\mathbf{T}_k - 2\mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + 4\mathbf{T}_i\mathbf{T}_k^2 - 4\mathbf{T}_j\mathbf{T}_k^2 + 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a12) $\pm(c_i, c_j, c_k) = (1,1,3)$ ve

$$8\mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j + 3\mathbf{T}_i^2\mathbf{T}_k + 3\mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + 9\mathbf{T}_i\mathbf{T}_k^2 + 9\mathbf{T}_j\mathbf{T}_k^2 + 6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a13) $\pm(c_i, c_j, c_k) = (1,1,-3)$ ve

$$-8\mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j - 3\mathbf{T}_i^2\mathbf{T}_k - 3\mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + 9\mathbf{T}_i\mathbf{T}_k^2 + 9\mathbf{T}_j\mathbf{T}_k^2 - 6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a14) $\pm(c_i, c_j, c_k) = (1,-1,-3)$ ve

$$-8\mathbf{T}_k - \mathbf{T}_i^2\mathbf{T}_j - 3\mathbf{T}_i^2\mathbf{T}_k - 3\mathbf{T}_j^2\mathbf{T}_k + \mathbf{T}_i\mathbf{T}_j^2 + 9\mathbf{T}_i\mathbf{T}_k^2 - 9\mathbf{T}_j\mathbf{T}_k^2 + 6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a15) $\pm\left(c_i, c_j, c_k\right) = \left(1,2,2\right)$ ve

$$\mathbf{T}_j + \mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j + \mathbf{T}_i^2\mathbf{T}_k + 4\mathbf{T}_j^{\ 2}\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^{\ 2} + 2\mathbf{T}_i\mathbf{T}_k^{\ 2} + 4\mathbf{T}_j\mathbf{T}_k^{\ 2} + 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a16) $\pm\left(c_i, c_j, c_k\right) = \left(1,2,-2\right)$ ve

$$\mathbf{T}_j - \mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j - \mathbf{T}_i^2\mathbf{T}_k - 4\mathbf{T}_j^{\ 2}\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^{\ 2} + 2\mathbf{T}_i\mathbf{T}_k^{\ 2} + 4\mathbf{T}_j\mathbf{T}_k^{\ 2} - 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a17) $\pm\left(c_i, c_j, c_k\right) = \left(1,-2,-2\right)$ ve

$$-\mathbf{T}_j - \mathbf{T}_k - \mathbf{T}_i^{\ 2}\mathbf{T}_j - \mathbf{T}_i^{\ 2}\mathbf{T}_k - 4\mathbf{T}_j^{\ 2}\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^{\ 2} + 2\mathbf{T}_i\mathbf{T}_k^{\ 2} - 4\mathbf{T}_j\mathbf{T}_k^{\ 2} + 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a18) $\pm\left(c_i, c_j, c_k\right) = \left(1,2,3\right)$ ve

$$2\mathbf{T}_j + 8\mathbf{T}_k + 2\mathbf{T}_i^2\mathbf{T}_j + 3\mathbf{T}_i^2\mathbf{T}_k + 12\mathbf{T}_j^{\ 2}\mathbf{T}_k + 4\mathbf{T}_i\mathbf{T}_j^{\ 2} + 9\mathbf{T}_i\mathbf{T}_k^{\ 2} + 18\mathbf{T}_j\mathbf{T}_k^{\ 2} + 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a19) $\pm\left(c_i, c_j, c_k\right) = \left(1,2,-3\right)$ ve

$$2\mathbf{T}_j - 8\mathbf{T}_k + 2\mathbf{T}_i^2\mathbf{T}_j - 3\mathbf{T}_i^2\mathbf{T}_k - 12\mathbf{T}_j^{\ 2}\mathbf{T}_k + 4\mathbf{T}_i\mathbf{T}_j^{\ 2} + 9\mathbf{T}_i\mathbf{T}_k^{\ 2} + 18\mathbf{T}_j\mathbf{T}_k^{\ 2} - 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a20) $\pm\left(c_i, c_j, c_k\right) = \left(1,-2,3\right)$ ve

$$-2\mathbf{T}_j + 8\mathbf{T}_k - 2\mathbf{T}_i^2\mathbf{T}_j + 3\mathbf{T}_i^2\mathbf{T}_k + 12\mathbf{T}_j^{\ 2}\mathbf{T}_k + 4\mathbf{T}_i\mathbf{T}_j^{\ 2} + 9\mathbf{T}_i\mathbf{T}_k^{\ 2} - 18\mathbf{T}_j\mathbf{T}_k^{\ 2} - 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a21) $\pm\left(c_i, c_j, c_k\right) = \left(1,-2,-3\right)$ ve

$$-2\mathbf{T}_j - 8\mathbf{T}_k - 2\mathbf{T}_i^2\mathbf{T}_j - 3\mathbf{T}_i^2\mathbf{T}_k - 12\mathbf{T}_j^{\ 2}\mathbf{T}_k + 4\mathbf{T}_i\mathbf{T}_j^{\ 2} + 9\mathbf{T}_i\mathbf{T}_k^{\ 2} - 18\mathbf{T}_j\mathbf{T}_k^{\ 2} + 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a22) $\pm\left(c_i, c_j, c_k\right) = \left(1,2,4\right)$ ve

$$\mathbf{T}_j + 10\mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j + 2\mathbf{T}_i^2\mathbf{T}_k + 8\mathbf{T}_j^{\ 2}\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^{\ 2} + 8\mathbf{T}_i\mathbf{T}_k^{\ 2} + 16\mathbf{T}_j\mathbf{T}_k^{\ 2} + 8\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a23) $\pm\left(c_i, c_j, c_k\right) = \left(1,2,-4\right)$ ve

$$\mathbf{T}_j - 10\mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j - 2\mathbf{T}_i^2\mathbf{T}_k - 8\mathbf{T}_j^{\ 2}\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^{\ 2} + 8\mathbf{T}_i\mathbf{T}_k^{\ 2} + 16\mathbf{T}_j\mathbf{T}_k^{\ 2} - 8\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a24) $\pm\left(c_i, c_j, c_k\right) = \left(1,-2,4\right)$ ve

$$-\mathbf{T}_j + 10\mathbf{T}_k - \mathbf{T}_i^2\mathbf{T}_j + 2\mathbf{T}_i^2\mathbf{T}_k + 8\mathbf{T}_j^{\ 2}\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^{\ 2} + 8\mathbf{T}_i\mathbf{T}_k^{\ 2} - 16\mathbf{T}_j\mathbf{T}_k^{\ 2} - 8\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a25) $\pm\left(c_i, c_j, c_k\right) = \left(1,2,4\right)$ ve

$$\mathbf{T}_j + 10\mathbf{T}_k + \mathbf{T}_i^2\mathbf{T}_j + 2\mathbf{T}_i^2\mathbf{T}_k + 8\mathbf{T}_j^{\ 2}\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^{\ 2} + 8\mathbf{T}_i\mathbf{T}_k^{\ 2} + 16\mathbf{T}_j\mathbf{T}_k^{\ 2} + 8\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a26) $\pm\left(c_i, c_j, c_k\right) = \left(2,2,3\right)$ ve

$$\mathbf{T}_i + \mathbf{T}_j + 4\mathbf{T}_k + 4\mathbf{T}_i^2\mathbf{T}_j + 6\mathbf{T}_i^2\mathbf{T}_k + 6\mathbf{T}_j^{\ 2}\mathbf{T}_k + 4\mathbf{T}_i\mathbf{T}_j^{\ 2} + 9\mathbf{T}_i\mathbf{T}_k^{\ 2} + 9\mathbf{T}_j\mathbf{T}_k^{\ 2} + 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a27) $\pm(c_i, c_j, c_k) = (2, 2, -3)$ ve

$$\mathbf{T}_i + \mathbf{T}_j - 4\mathbf{T}_k + 4\mathbf{T}_i^2\mathbf{T}_j - 6\mathbf{T}_i^2\mathbf{T}_k - 6\mathbf{T}_j^2\mathbf{T}_k + 4\mathbf{T}_i\mathbf{T}_j^2 + 9\mathbf{T}_i\mathbf{T}_k^2 + 9\mathbf{T}_j\mathbf{T}_k^2 - 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a28) $\pm(c_i, c_j, c_k) = (2, -2, -3)$ ve

$$\mathbf{T}_i - \mathbf{T}_j - 4\mathbf{T}_k - 4\mathbf{T}_i^2\mathbf{T}_j - 6\mathbf{T}_i^2\mathbf{T}_k - 6\mathbf{T}_j^2\mathbf{T}_k + 4\mathbf{T}_i\mathbf{T}_j^2 + 9\mathbf{T}_i\mathbf{T}_k^2 - 9\mathbf{T}_j\mathbf{T}_k^2 + 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a29) $\pm(c_i, c_j, c_k) = (2, 3, 4)$ ve

$$\mathbf{T}_i + 4\mathbf{T}_j + 10\mathbf{T}_k + 6\mathbf{T}_i^2\mathbf{T}_j + 8\mathbf{T}_i^2\mathbf{T}_k + 18\mathbf{T}_j^2\mathbf{T}_k + 9\mathbf{T}_i\mathbf{T}_j^2 + 16\mathbf{T}_i\mathbf{T}_k^2 + 24\mathbf{T}_j\mathbf{T}_k^2 + 24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a30) $\pm(c_i, c_j, c_k) = (2, 3, -4)$ ve

$$\mathbf{T}_i + 4\mathbf{T}_j - 10\mathbf{T}_k + 6\mathbf{T}_i^2\mathbf{T}_j - 8\mathbf{T}_i^2\mathbf{T}_k - 18\mathbf{T}_j^2\mathbf{T}_k + 9\mathbf{T}_i\mathbf{T}_j^2 + 16\mathbf{T}_i\mathbf{T}_k^2 + 24\mathbf{T}_j\mathbf{T}_k^2 - 24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a31) $\pm(c_i, c_j, c_k) = (2, -3, 4)$ ve

$$\mathbf{T}_i - 4\mathbf{T}_j + 10\mathbf{T}_k - 6\mathbf{T}_i^2\mathbf{T}_j + 8\mathbf{T}_i^2\mathbf{T}_k + 18\mathbf{T}_j^2\mathbf{T}_k + 9\mathbf{T}_i\mathbf{T}_j^2 + 16\mathbf{T}_i\mathbf{T}_k^2 - 24\mathbf{T}_j\mathbf{T}_k^2 - 24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a32) $\pm(c_i, c_j, c_k) = (2, -3, -4)$ ve

$$\mathbf{T}_i - 4\mathbf{T}_j - 10\mathbf{T}_k - 6\mathbf{T}_i^2\mathbf{T}_j - 8\mathbf{T}_i^2\mathbf{T}_k - 18\mathbf{T}_j^2\mathbf{T}_k + 9\mathbf{T}_i\mathbf{T}_j^2 + 16\mathbf{T}_i\mathbf{T}_k^2 - 24\mathbf{T}_j\mathbf{T}_k^2 + 24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a33) $\pm(c_i, c_j, c_k) = \left(1, \frac{1}{2}, \frac{1}{2}\right)$ ve

$$-\mathbf{T}_j - \mathbf{T}_k + 4\mathbf{T}_i^2\mathbf{T}_j + 4\mathbf{T}_i^2\mathbf{T}_k + \mathbf{T}_j^2\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^2 + 2\mathbf{T}_i\mathbf{T}_k^2 + \mathbf{T}_j\mathbf{T}_k^2 + 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a34) $\pm(c_i, c_j, c_k) = \left(1, \frac{1}{2}, -\frac{1}{2}\right)$ ve

$$-\mathbf{T}_j - \mathbf{T}_k + 4\mathbf{T}_i^2\mathbf{T}_j - 4\mathbf{T}_i^2\mathbf{T}_k - \mathbf{T}_j^2\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^2 + 2\mathbf{T}_i\mathbf{T}_k^2 + \mathbf{T}_j\mathbf{T}_k^2 - 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a35) $\pm(c_i, c_j, c_k) = \left(1, -\frac{1}{2}, -\frac{1}{2}\right)$ ve

$$\mathbf{T}_j + \mathbf{T}_k - 4\mathbf{T}_i^2\mathbf{T}_j - 4\mathbf{T}_i^2\mathbf{T}_k - \mathbf{T}_j^2\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^2 + 2\mathbf{T}_i\mathbf{T}_k^2 - \mathbf{T}_j\mathbf{T}_k^2 + 4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a36) $\pm(c_i, c_j, c_k) = \left(1, \frac{1}{2}, \frac{3}{2}\right)$ ve

$$-\mathbf{T}_j + 5\mathbf{T}_k + 4\mathbf{T}_i^2\mathbf{T}_j + 12\mathbf{T}_i^2\mathbf{T}_k + 3\mathbf{T}_j^2\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^2 + 18\mathbf{T}_i\mathbf{T}_k^2 + 9\mathbf{T}_j\mathbf{T}_k^2 + 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a37) $\pm(c_i, c_j, c_k) = \left(1, \frac{1}{2}, -\frac{3}{2}\right)$ ve

$$-\mathbf{T}_j - 5\mathbf{T}_k + 4\mathbf{T}_i^2\mathbf{T}_j - 12\mathbf{T}_i^2\mathbf{T}_k - 3\mathbf{T}_j^2\mathbf{T}_k + 2\mathbf{T}_i\mathbf{T}_j^2 + 18\mathbf{T}_i\mathbf{T}_k^2 + 9\mathbf{T}_j\mathbf{T}_k^2 - 12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k = \mathbf{0};$$

a38) $\pm\left(c_i,c_j,c_k\right)=\left(1,-\frac{1}{2},\frac{3}{2}\right)$ ve

$$\mathbf{T}_j+5\mathbf{T}_k-4\mathbf{T}_i^2\mathbf{T}_j+12\mathbf{T}_i^2\mathbf{T}_k+3\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+18\mathbf{T}_i\mathbf{T}_k^2-9\mathbf{T}_j\mathbf{T}_k^2-12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a39) $\pm\left(c_i,c_j,c_k\right)=\left(1,-\frac{1}{2},-\frac{3}{2}\right)$ ve

$$\mathbf{T}_j-5\mathbf{T}_k-4\mathbf{T}_i^2\mathbf{T}_j-12\mathbf{T}_i^2\mathbf{T}_k-3\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+18\mathbf{T}_i\mathbf{T}_k^2-9\mathbf{T}_j\mathbf{T}_k^2+12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a40) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},\frac{1}{2},2\right)$ ve

$$\mathbf{T}_i+\mathbf{T}_j+16\mathbf{T}_k+\mathbf{T}_i^2\mathbf{T}_j+4\mathbf{T}_i^2\mathbf{T}_k-4\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+16\mathbf{T}_i\mathbf{T}_k^2+16\mathbf{T}_j\mathbf{T}_k^2+8\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a41) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},\frac{1}{2},-2\right)$ ve

$$-\mathbf{T}_i-\mathbf{T}_j-16\mathbf{T}_k+\mathbf{T}_i^2\mathbf{T}_j-4\mathbf{T}_i^2\mathbf{T}_k-4\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+16\mathbf{T}_i\mathbf{T}_k^2+16\mathbf{T}_j\mathbf{T}_k^2-8\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a42) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},-\frac{1}{2},-2\right)$ ve

$$-\mathbf{T}_i+\mathbf{T}_j-16\mathbf{T}_k-\mathbf{T}_i^2\mathbf{T}_j-4\mathbf{T}_i^2\mathbf{T}_k-4\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+16\mathbf{T}_i\mathbf{T}_k^2-16\mathbf{T}_j\mathbf{T}_k^2+8\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a43) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},2,\frac{3}{2}\right)$ ve

$$-\mathbf{T}_i+16\mathbf{T}_j+5\mathbf{T}_k+4\mathbf{T}_i^2\mathbf{T}_j+3\mathbf{T}_i^2\mathbf{T}_k+48\mathbf{T}_j^2\mathbf{T}_k+16\mathbf{T}_i\mathbf{T}_j^2+9\mathbf{T}_i\mathbf{T}_k^2+36\mathbf{T}_j\mathbf{T}_k^2+24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a44) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},2,-\frac{3}{2}\right)$ ve

$$-\mathbf{T}_i+16\mathbf{T}_j-5\mathbf{T}_k+4\mathbf{T}_i^2\mathbf{T}_j-3\mathbf{T}_i^2\mathbf{T}_k-48\mathbf{T}_j^2\mathbf{T}_k+16\mathbf{T}_i\mathbf{T}_j^2+9\mathbf{T}_i\mathbf{T}_k^2+36\mathbf{T}_j\mathbf{T}_k^2-24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a45) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},-2,\frac{3}{2}\right)$ ve

$$-\mathbf{T}_i-16\mathbf{T}_j+5\mathbf{T}_k-4\mathbf{T}_i^2\mathbf{T}_j+3\mathbf{T}_i^2\mathbf{T}_k+48\mathbf{T}_j^2\mathbf{T}_k+16\mathbf{T}_i\mathbf{T}_j^2+9\mathbf{T}_i\mathbf{T}_k^2-36\mathbf{T}_j\mathbf{T}_k^2-24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a46) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},-2,-\frac{3}{2}\right)$ ve

$$-\mathbf{T}_i-16\mathbf{T}_j-5\mathbf{T}_k-4\mathbf{T}_i^2\mathbf{T}_j-3\mathbf{T}_i^2\mathbf{T}_k-48\mathbf{T}_j^2\mathbf{T}_k+16\mathbf{T}_i\mathbf{T}_j^2+9\mathbf{T}_i\mathbf{T}_k^2-36\mathbf{T}_j\mathbf{T}_k^2+24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a47) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},\frac{1}{2},\frac{1}{2}\right)$ ve

$$-\mathbf{T}_i-\mathbf{T}_j-\mathbf{T}_k+\mathbf{T}_i^2\mathbf{T}_j+\mathbf{T}_i^2\mathbf{T}_k+\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+\mathbf{T}_i\mathbf{T}_k^2+\mathbf{T}_j\mathbf{T}_k^2+2\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a48) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},\frac{1}{2},-\frac{1}{2}\right)$ ve

$$-\mathbf{T}_i-\mathbf{T}_j+\mathbf{T}_k+\mathbf{T}_i^2\mathbf{T}_j-\mathbf{T}_i^2\mathbf{T}_k-\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+\mathbf{T}_i\mathbf{T}_k^2+\mathbf{T}_j\mathbf{T}_k^2-2\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a49) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},\frac{1}{2},\frac{3}{2}\right)$ ve

$$-\mathbf{T}_i-\mathbf{T}_j+5\mathbf{T}_k+\mathbf{T}_i^2\mathbf{T}_j+3\mathbf{T}_i^2\mathbf{T}_k+3\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+9\mathbf{T}_i\mathbf{T}_k^2+9\mathbf{T}_j\mathbf{T}_k^2+6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a50) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},\frac{1}{2},-\frac{3}{2}\right)$ ve

$$-\mathbf{T}_i-\mathbf{T}_j-5\mathbf{T}_k+\mathbf{T}_i^2\mathbf{T}_j-3\mathbf{T}_i^2\mathbf{T}_k-3\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+9\mathbf{T}_i\mathbf{T}_k^2+9\mathbf{T}_j\mathbf{T}_k^2-6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a51) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},-\frac{1}{2},\frac{3}{2}\right)$ ve

$$-\mathbf{T}_i+\mathbf{T}_j+5\mathbf{T}_k-\mathbf{T}_i^2\mathbf{T}_j+3\mathbf{T}_i^2\mathbf{T}_k+3\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+9\mathbf{T}_i\mathbf{T}_k^2-9\mathbf{T}_j\mathbf{T}_k^2-6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a52) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},\frac{1}{4},\frac{1}{4}\right)$ ve

$$-8\mathbf{T}_i-80\mathbf{T}_j-80\mathbf{T}_k+4\mathbf{T}_i^2\mathbf{T}_j+4\mathbf{T}_i^2\mathbf{T}_k+\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+2\mathbf{T}_i\mathbf{T}_k^2+\mathbf{T}_j\mathbf{T}_k^2+4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a53) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},\frac{1}{4},-\frac{1}{4}\right)$ ve

$$-8\mathbf{T}_i-80\mathbf{T}_j+80\mathbf{T}_k+4\mathbf{T}_i^2\mathbf{T}_j-4\mathbf{T}_i^2\mathbf{T}_k-\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+2\mathbf{T}_i\mathbf{T}_k^2+\mathbf{T}_j\mathbf{T}_k^2-4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a54) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},-\frac{1}{4},-\frac{1}{4}\right)$ ve

$$-8\mathbf{T}_i+80\mathbf{T}_j+80\mathbf{T}_k-4\mathbf{T}_i^2\mathbf{T}_j-4\mathbf{T}_i^2\mathbf{T}_k-\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+2\mathbf{T}_i\mathbf{T}_k^2-\mathbf{T}_j\mathbf{T}_k^2+4\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a55) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},\frac{1}{4},\frac{3}{4}\right)$ ve

$$-8\mathbf{T}_i-80\mathbf{T}_j-7\mathbf{T}_k+4\mathbf{T}_i^2\mathbf{T}_j+12\mathbf{T}_i^2\mathbf{T}_k+3\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+18\mathbf{T}_i\mathbf{T}_k^2+9\mathbf{T}_j\mathbf{T}_k^2+12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a56) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},\frac{1}{4},-\frac{3}{4}\right)$ ve

$$-8\mathbf{T}_i-80\mathbf{T}_j+7\mathbf{T}_k+4\mathbf{T}_i^2\mathbf{T}_j-12\mathbf{T}_i^2\mathbf{T}_k-3\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+18\mathbf{T}_i\mathbf{T}_k^2+9\mathbf{T}_j\mathbf{T}_k^2-12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a57) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},-\frac{1}{4},\frac{3}{4}\right)$ ve

$$-8\mathbf{T}_i+80\mathbf{T}_j-7\mathbf{T}_k-4\mathbf{T}_i^2\mathbf{T}_j+12\mathbf{T}_i^2\mathbf{T}_k+3\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+18\mathbf{T}_i\mathbf{T}_k^2-9\mathbf{T}_j\mathbf{T}_k^2-12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a58) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{2},-\frac{1}{4},-\frac{3}{4}\right)$ ve

$$-8\mathbf{T}_i+80\mathbf{T}_j+7\mathbf{T}_k-4\mathbf{T}_i^2\mathbf{T}_j-12\mathbf{T}_i^2\mathbf{T}_k-3\mathbf{T}_j^2\mathbf{T}_k+2\mathbf{T}_i\mathbf{T}_j^2+18\mathbf{T}_i\mathbf{T}_k^2-9\mathbf{T}_j\mathbf{T}_k^2+12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a59) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},\frac{1}{3},\frac{1}{3}\right)$ ve

$$-8\mathbf{T}_i-8\mathbf{T}_j-8\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j+3\mathbf{T}_i^2\mathbf{T}_k+3\mathbf{T}_j^2\mathbf{T}_k+3\mathbf{T}_i\mathbf{T}_j^2+3\mathbf{T}_i\mathbf{T}_k^2+3\mathbf{T}_j\mathbf{T}_k^2+6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a60) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},\frac{1}{3},-\frac{1}{3}\right)$ ve

$$-8\mathbf{T}_i-8\mathbf{T}_j+8\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j-3\mathbf{T}_i^2\mathbf{T}_k-3\mathbf{T}_j^2\mathbf{T}_k+3\mathbf{T}_i\mathbf{T}_j^2+3\mathbf{T}_i\mathbf{T}_k^2+3\mathbf{T}_j\mathbf{T}_k^2-6\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a61) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},\frac{1}{3},\frac{2}{3}\right)$ ve

$$-8\mathbf{T}_i-8\mathbf{T}_j-10\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j+6\mathbf{T}_i^2\mathbf{T}_k+6\mathbf{T}_j^2\mathbf{T}_k+3\mathbf{T}_i\mathbf{T}_j^2+12\mathbf{T}_i\mathbf{T}_k^2+12\mathbf{T}_j\mathbf{T}_k^2+12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a62) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},\frac{1}{3},-\frac{2}{3}\right)$ ve

$$-8\mathbf{T}_i-8\mathbf{T}_j+10\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j-6\mathbf{T}_i^2\mathbf{T}_k-6\mathbf{T}_j^2\mathbf{T}_k+3\mathbf{T}_i\mathbf{T}_j^2+12\mathbf{T}_i\mathbf{T}_k^2+12\mathbf{T}_j\mathbf{T}_k^2-12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a63) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},-\frac{1}{3},\frac{2}{3}\right)$ ve

$$-8\mathbf{T}_i+8\mathbf{T}_j-10\mathbf{T}_k-3\mathbf{T}_i^2\mathbf{T}_j+6\mathbf{T}_i^2\mathbf{T}_k+6\mathbf{T}_j^2\mathbf{T}_k+3\mathbf{T}_i\mathbf{T}_j^2+12\mathbf{T}_i\mathbf{T}_k^2-12\mathbf{T}_j\mathbf{T}_k^2-12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a64) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},\frac{2}{3},\frac{2}{3}\right)$ ve

$$-4\mathbf{T}_i-5\mathbf{T}_j-5\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j+3\mathbf{T}_i^2\mathbf{T}_k+12\mathbf{T}_j^2\mathbf{T}_k+6\mathbf{T}_i\mathbf{T}_j^2+6\mathbf{T}_i\mathbf{T}_k^2+12\mathbf{T}_j\mathbf{T}_k^2+12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a65) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},\frac{2}{3},-\frac{2}{3}\right)$ ve

$$-4\mathbf{T}_i-5\mathbf{T}_j+5\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j-3\mathbf{T}_i^2\mathbf{T}_k-12\mathbf{T}_j^2\mathbf{T}_k+6\mathbf{T}_i\mathbf{T}_j^2+6\mathbf{T}_i\mathbf{T}_k^2+12\mathbf{T}_j\mathbf{T}_k^2-12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a66) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},-\frac{2}{3},-\frac{2}{3}\right)$ ve

$$-4\mathbf{T}_i+5\mathbf{T}_j+5\mathbf{T}_k-3\mathbf{T}_i^2\mathbf{T}_j-3\mathbf{T}_i^2\mathbf{T}_k-12\mathbf{T}_j^2\mathbf{T}_k+6\mathbf{T}_i\mathbf{T}_j^2+6\mathbf{T}_i\mathbf{T}_k^2-12\mathbf{T}_j\mathbf{T}_k^2+12\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a67) $\pm\left(c_i, c_j, c_k\right)=\left(\frac{1}{3},\frac{2}{3},\frac{4}{3}\right)$ ve

$$-4\mathbf{T}_i-5\mathbf{T}_j+16\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j+6\mathbf{T}_i^2\mathbf{T}_k+24\mathbf{T}_j^2\mathbf{T}_k+6\mathbf{T}_i\mathbf{T}_j^2+24\mathbf{T}_i\mathbf{T}_k^2+48\mathbf{T}_j\mathbf{T}_k^2+24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a68) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{2}{3},-\frac{4}{3}\right)$ ve

$$-4\mathbf{T}_i-5\mathbf{T}_j-16\mathbf{T}_k+3\mathbf{T}_i^2\mathbf{T}_j-6\mathbf{T}_i^2\mathbf{T}_k-24\mathbf{T}_j^2\mathbf{T}_k+6\mathbf{T}_i\mathbf{T}_j^2+24\mathbf{T}_i\mathbf{T}_k^2+48\mathbf{T}_j\mathbf{T}_k^2-24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a69) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},-\frac{2}{3},\frac{4}{3}\right)$ ve

$$-4\mathbf{T}_i+5\mathbf{T}_j+16\mathbf{T}_k-3\mathbf{T}_i^2\mathbf{T}_j+6\mathbf{T}_i^2\mathbf{T}_k+24\mathbf{T}_j^2\mathbf{T}_k+6\mathbf{T}_i\mathbf{T}_j^2+24\mathbf{T}_i\mathbf{T}_k^2-48\mathbf{T}_j\mathbf{T}_k^2-24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a70) $\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},-\frac{2}{3},-\frac{4}{3}\right)$ ve

$$-4\mathbf{T}_i+5\mathbf{T}_j-16\mathbf{T}_k-3\mathbf{T}_i^2\mathbf{T}_j-6\mathbf{T}_i^2\mathbf{T}_k-24\mathbf{T}_j^2\mathbf{T}_k+6\mathbf{T}_i\mathbf{T}_j^2+24\mathbf{T}_i\mathbf{T}_k^2-48\mathbf{T}_j\mathbf{T}_k^2+24\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0};$$

a71) $c_1\pm c_2\pm c_3\in\{-1,0,1\}$ veya $\left(\left|c_i\pm c_j\right|,\left|c_k\right|\right)=(1,2)$ ve $\mathbf{T}_i^2=\mathbf{T}_j^2=\mathbf{I}$, $i,j,k=1,2,3$, $i<j$, $i\neq k$, $j\neq k$;

a72) $2c_i\pm c_j\pm c_k=0$ ve $\mathbf{T}_i^2=\mathbf{I}$, $\mathbf{T}_j^2+\mathbf{T}_k^2=\mathbf{I}$, $\mathbf{T}_j\mathbf{T}_k=\mathbf{0}$, $\frac{1}{2}\left(\mathbf{T}_1^2+\mathbf{T}_2^2+\mathbf{T}_3^2\right)=\mathbf{I}$, $i,j,k=1,2,3$, $i\neq j$, $i\neq k$, $j<k$;

a73) $2c_1\pm c_2\pm c_3\in\{-2,-1,0,1,2\}$, $\mathbf{T}_1\mathbf{T}_2\mathbf{T}_3=\mathbf{0}$ ve $\frac{1}{2}\left(\mathbf{T}_1^2+\mathbf{T}_2^2+\mathbf{T}_3^2\right)=\mathbf{I}$;

a74) $\left(\left|c_i\right|,\left|c_j\pm c_k\right|\right)=(1,2)$ ve $\mathbf{T}_i^2=\mathbf{I}$, $\mathbf{T}_j^2\mathbf{T}_k=\mathbf{T}_k$, $\mathbf{T}_k^2\mathbf{T}_j=\mathbf{T}_j$, $i,j,k=1,2,3$, $i\neq j$, $i\neq k$, $j<k$;

a75) $\left(\left|c_i\pm c_j\right|,\left|c_k\right|\right)=\{(0,1),(1,1)\}$ ve $\mathbf{T}_i^2\mathbf{T}_j=\mathbf{T}_j$, $\mathbf{T}_j^2\mathbf{T}_i=\mathbf{T}_i$, $i,j,k=1,2,3$, $i<j$, $i\neq k$, $j\neq k$.

Burada **a7)–a70)** durumları için, $i\neq j$, $i\neq k$, $j\neq k$, $i,j,k=1,2,3$, dir.

İspat. $\mathbf{T}_i^3=\mathbf{T}_i$ ve $\mathbf{T}_i$, $i=1,2,3$, matrislerinin karşılıklı değişmeli oldukları göz önünde bulundurulursa, (4.43) biçimindeki $\mathbf{T}$ lineer kombinasyon matrisinin tripotent olması için gerekli ve yeterli koşul $\left(c_1\mathbf{T}_1+c_2\mathbf{T}_2+c_3\mathbf{T}_3\right)^3=c_1\mathbf{T}_1+c_2\mathbf{T}_2+c_3\mathbf{T}_3$ yani,

$$\begin{aligned}&\left(c_1^3-c_1\right)\mathbf{T}_1+\left(c_2^3-c_2\right)\mathbf{T}_2+\left(c_3^3-c_3\right)\mathbf{T}_3+3c_1^2c_2\mathbf{T}_1^2\mathbf{T}_2+3c_1^2c_3\mathbf{T}_1^2\mathbf{T}_3\\&+3c_2^2c_1\mathbf{T}_2^2\mathbf{T}_1+3c_2^2c_3\mathbf{T}_2^2\mathbf{T}_3+3c_3^2c_1\mathbf{T}_3^2\mathbf{T}_1+3c_3^2c_2\mathbf{T}_3^2\mathbf{T}_2+6c_1c_2c_3\mathbf{T}_1\mathbf{T}_2\mathbf{T}_3=\mathbf{0}\end{aligned} \tag{4.44}$$

olmasıdır. Ayrıca, (4.42) gösteriminden $\mathbf{T}$ lineer kombinasyon matrisi

$$\begin{aligned}\mathbf{T}=\mathbf{S}\Big(&\left(c_1\mathbf{A}_1+c_2\mathbf{A}_2+c_3\mathbf{A}_3\right)\oplus\left(c_1\mathbf{B}_1+c_2\mathbf{B}_2\right)\oplus\left(c_1\mathbf{C}_1+c_3\mathbf{B}_3\right)\oplus c_1\mathbf{D}_1\\&\oplus\left(c_2\mathbf{C}_2+c_3\mathbf{C}_3\right)\oplus c_2\mathbf{D}_2\oplus c_3\mathbf{D}_3\oplus\mathbf{0}\Big)\mathbf{S}^{-1}\end{aligned} \tag{4.45}$$

biçiminde yazılabilir. Şimdi, $\mathbf{T}$ matrisinin tripotent olduğu kabul edilsin. Burada $\mathbf{T}$ matrisinin (4.45) ifadesindeki blok matrisler şeklinde yazılmış halinde, tüm bloklar aynı anda görünmeyebilir. Bu blokların olası mevcudiyet durumlarına göre ispat yapılacaktır.

i. Yalnızca bir tek bloğun görünmesi, diğer blokların görünmemesi durumu:

Yalnızca 1. bloğun görünmesi durumunda problem, üç involutif matrisin lineer kombinasyonunun tripotentliğine döner. Bu problemin çözümü Teorem 4.1.1'de verildiğinden, a) şıkkının ispatı tamamlanır.

2., 3., 5. bloklardan yalnızca birinin görünmesi durumunda problem iki involutif matrisin lineer kombinasyonunun tripotentliğine döner. Bu problemin çözümü, matrislerin birbirinin skaler katı olmadığı hal için Teorem 3.1.1'de,

$$\left(c_i,c_j\right)\in\left\{\left(\frac{1}{2},\frac{1}{2}\right),\left(-\frac{1}{2},-\frac{1}{2}\right),\left(-\frac{1}{2},\frac{1}{2}\right),\left(\frac{1}{2},-\frac{1}{2}\right)\right\} \tag{4.46}$$

biçiminde verilmiştir. Eğer bu matrisler birbirinin skaler katı ise, her involutif matrisin zaten tripotent olması ve Lemma 3.2.1 göz önüne alınırsa,

$$\left(c_i\pm c_j\right)\in\{-1,0,1\}\,,\ i=1,2\,,\ j=2,3, \tag{4.47}$$

elde edilir. Böylece 2., 3. ve 5. blokların tek tek görünmesinden elde edilecek katsayılar üzerindeki koşullar,(4.46) ve (4.47) olarak bulunur.

4., 6., 7. bloklardan yalnızca birinin görünmesi durumunda problem, bir involutif matrisin skaler katının tripotent olması problemine döner. Mesela, yalnızca 4. bloğun göründüğü durumda $\left(c_1\mathbf{D}_1\right)^3 - c_1\mathbf{D}_1 = \mathbf{0}$ olur ve burada $\mathbf{D}_1$ involutif matris olduğundan $\left(c_1^3 - c_1\right)\mathbf{D}_1 = \mathbf{0}$ elde edilir. Böylece, $\mathbf{D}_1 \neq \mathbf{0}$ olduğundan, $c_1 \in \{-1, 0, 1\}$ bulunur. 6. ve 7. bloklar için aynı mantıkla ilerlenerek, sırası ile, $c_2 \in \{-1, 0, 1\}$ ve $c_3 \in \{-1, 0, 1\}$ elde edilir. Ancak, teoremin hipotezinde her c_i skaleri sıfırdan farklı kabul edildiğinden, elde edilen çözümler $c_i \in \{-1, 1\}$, $i = 1, 2, 3$, şeklinde olur.

8. bloğun görünmesi durumunda herhangi bir koşul ortaya çıkmaz. Ayrıca, dikkat edilirse 1. blok haricindeki diğer tüm blokların tek olarak ortaya çıkması durumu, (4.42) ifadesi göz önüne alındığında, $\mathbf{T}_i$, $i = 1, 2, 3$, matrislerinin $\mathbf{0}$ olmaması kabulü ile çelişir. Dolayısıyla 2.–8. blokların tek olarak göründüğü durumlar söz konusu değildir. Bununla birlikte, daha çok blok göründüğünde, 2–7 bloklarının tek tek görünmesinden elde edilen $\left(c_i, c_j\right)$, $i = 1, 2,\ j = 2, 3,\ i \neq j$, katsayıları üzerindeki koşullar aşağıdaki tablodaki gibi yazılabilir.

Tablo 4.2 Yalnızca 2.—7. Blokların Görünmesi Durumu

Görünen Blok No	$\left(c_1, c_2, c_3\right)$ Üzerindeki Koşullar
2	$\left(c_1 \pm c_2\right) \in \{-1, 0, 1\}$ veya $\left(c_1, c_2\right) \in \left\{\left(\frac{1}{2}, \frac{1}{2}\right), \left(-\frac{1}{2}, -\frac{1}{2}\right), \left(-\frac{1}{2}, \frac{1}{2}\right), \left(\frac{1}{2}, -\frac{1}{2}\right)\right\}$
3	$\left(c_1 \pm c_3\right) \in \{-1, 0, 1\}$ veya $\left(c_1, c_3\right) \in \left\{\left(\frac{1}{2}, \frac{1}{2}\right), \left(-\frac{1}{2}, -\frac{1}{2}\right), \left(-\frac{1}{2}, \frac{1}{2}\right), \left(\frac{1}{2}, -\frac{1}{2}\right)\right\}$

4	$c_1 \in \{-1,1\}$
5	$(c_2 \pm c_3) \in \{-1,0,1\}$ veya $(c_2,c_3) \in \left\{\left(\frac{1}{2},\frac{1}{2}\right),\left(-\frac{1}{2},-\frac{1}{2}\right),\left(-\frac{1}{2},\frac{1}{2}\right),\left(\frac{1}{2},-\frac{1}{2}\right)\right\}$
6	$c_2 \in \{-1,1\}$
7	$c_3 \in \{-1,1\}$

ii. Sadece iki veya üç bloğun görünmesi durumu:

(4.45) ifadesindeki sekizinci blok, çözümleri etkilemeyeceği için hariç tutularak, diğer yedi bloğun ikili veya üçlü kombinasyonları alınmak suretiyle, (c_1,c_2,c_3) üçlüleri üzerine gelen çözümler Tablo 4.2'deki koşullar ele alınıp, örneğin, Mathematica 8.0 paket programı yardımıyla, çözüldüğünde Ek C ve Ek D'de listelenmiş olan çözümler elde edilir.

Ek C deki tablo beş sütundan oluşmaktadır. Bunlardan ilk sütunda çözümün sıra numarası, ikinci sütunda denklem sisteminin katsayılar matrisinin satırları, üçüncü sütunda sistemin karşı taraf vektörünün transpozesi, dördüncü sütunda elde edilen (c_1,c_2,c_3) üçlüleri, beşinci sütunda alt sistemlerin oluşumunda (4.45) ifadesindeki sekiz bloktan hangi üçünün göründüğünün kabul edildiği belirtilmektedir.

Ek C tablosunda 1–74 numaralı satırlar incelendiğinde $\pm(c_1,c_2,c_3)=(1,1,1)$ olduğu görünür. Bu üçlüler (4.44) denkleminde yerine yazılırsa $\mathbf{T}_i^2\mathbf{T}_j+\mathbf{T}_i^2\mathbf{T}_k+\mathbf{T}_j^2\mathbf{T}_k+\mathbf{T}_i\mathbf{T}_j^2+\mathbf{T}_i\mathbf{T}_k^2+\mathbf{T}_j\mathbf{T}_k^2+2\mathbf{T}_i\mathbf{T}_j\mathbf{T}_k=\mathbf{0}$ elde edilir. Böylece a7) şıkkının ispatı tamamlanır.

Aynı şekilde devam edilirse, Ek C tablosunda 75–296, 297–392, 393–488, 489–680, 681–698, 699–716, 717–752, 753–812, 813–932, 933–992, 993–1028, 1029–1064, 1065–1100, 1101–1136, 1137–1148, 1149–1160, 1161–1172, 1173–

1184, 1185–1202, 1203–1220, 1221–1256, 1257–1268, 1269–1280, 1281–1292, 1293–1304, 1305–1328, 1329–1376, 1377–1400, 1401–1436, 1437–1472, 1473–1508, 1509–1544, 1545–1550, 1551–1556, 1557–1568, 1569–1580, 1581–1592, 1593–1604, 1605–1616, 1617–1624, 1625–1648, 1649–1666, 1667–1684, 1685–1720, 1721–1726, 1727–1738, 1739–1744, 1745–1756, 1757–1768, 1769–1780, 1781–1792, 1793–1798, 1799–1816, 1817–1834, 1835–1852, 1853–1888, 1889–1906, 1907–1942, 1943–1960, 1961–1972, 1973–1984, 1985–1996, 1997–2008 numaralı satırlar incelendiğinde, sırası ile, $\pm(c_i,c_j,c_k)=(1,1,-1)$, $\pm(c_i,c_j,c_k)=(1,1,2)$, $\pm(c_i,c_j,c_k)=(1,1,-2)$, $\pm(c_i,c_j,c_k)=(1,-1,-2)$, $\pm(c_i,c_j,c_k)=(1,1,3)$, $\pm(c_i,c_j,c_k)=(1,1,-3)$, $\pm(c_i,c_j,c_k)=(1,-1,-3)$, $\pm(c_i,c_j,c_k)=(1,2,2)$, $\pm(c_i,c_j,c_k)=(1,2,-2)$, $\pm(c_i,c_j,c_k)=(1,-2,-2)$, $\pm(c_i,c_j,c_k)=(1,2,3)$, $\pm(c_i,c_j,c_k)=(1,2,-3)$, $\pm(c_i,c_j,c_k)=(1,-2,3)$, $\pm(c_i,c_j,c_k)=(1,-2,-3)$, $\pm(c_i,c_j,c_k)=(1,2,4)$, $\pm(c_i,c_j,c_k)=(1,2,-4)$, $\pm(c_i,c_j,c_k)=(1,-2,4)$, $\pm(c_i,c_j,c_k)=(1,-2,-4)$, $\pm(c_i,c_j,c_k)=(2,2,3)$, $\pm(c_i,c_j,c_k)=(2,2,-3)$, $\pm(c_i,c_j,c_k)=(2,-2,-3)$, $\pm(c_i,c_j,c_k)=(2,3,4)$, $\pm(c_i,c_j,c_k)=(2,3,-4)$, $\pm(c_i,c_j,c_k)=(2,-3,4)$, $\pm(c_i,c_j,c_k)=(2,-3,-4)$, $\pm(c_i,c_j,c_k)=\left(1,\frac{1}{2},\frac{1}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(1,\frac{1}{2},-\frac{1}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(1,-\frac{1}{2},-\frac{1}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(1,\frac{1}{2},\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(1,\frac{1}{2},-\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(1,-\frac{1}{2},\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(1,-\frac{1}{2},-\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{2},2\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{2},-2\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},-\frac{1}{2},-2\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},2,\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},2,-\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},-2,\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},-2,-\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{2},\frac{1}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{2},-\frac{1}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{2},\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{2},-\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},-\frac{1}{2},\frac{3}{2}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{4},\frac{1}{4}\right)$, $\pm(c_i,c_j,c_k)=\left(\frac{1}{2},\frac{1}{4},-\frac{1}{4}\right)$,

$$\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},-\frac{1}{4},-\frac{1}{4}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},\frac{1}{4},\frac{3}{4}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},\frac{1}{4},-\frac{3}{4}\right),$$

$$\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},-\frac{1}{4},\frac{3}{4}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{2},-\frac{1}{4},-\frac{3}{4}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{1}{3},\frac{1}{3}\right),$$

$$\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{1}{3},-\frac{1}{3}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{1}{3},\frac{2}{3}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{1}{3},-\frac{2}{3}\right),$$

$$\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},-\frac{1}{3},\frac{2}{3}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{2}{3},\frac{2}{3}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{2}{3},-\frac{2}{3}\right),$$

$$\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},-\frac{2}{3},-\frac{2}{3}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{2}{3},\frac{4}{3}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},\frac{2}{3},-\frac{4}{3}\right),$$

$$\pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},-\frac{2}{3},\frac{4}{3}\right),\ \pm\left(c_i,c_j,c_k\right)=\left(\frac{1}{3},-\frac{2}{3},-\frac{4}{3}\right)\quad i,j,k=1,2,3,\quad i\neq j,$$

$i\neq k$, $j\neq k$, olduğu görünür. Bu üçlüler (4.44) denkleminde yerlerine yazılırlarsa, sırası ile, a8)–a70) şıklarında bulunan $\mathbf{T}_1$, $\mathbf{T}_2$, $\mathbf{T}_3$ üzerindeki koşullar elde edilir. Böylece a8)–a70) şıkları da ispatlanmış olur.

Ek D'deki tablo altı sütundan oluşmaktadır. Bunlardan ilk sütunda çözümün sıra numarası, ikinci sütunda denklem sisteminin katsayılar matrisinin satırları, üçüncü sütunda sistemin karşı taraf vektörünün transpozesi, dördüncü sütunda elde edilen $\left(c_1,c_2,c_3\right)$ üçlüleri, beşinci sütunda alt sistemlerin oluşumunda (4.45) ifadesindeki sekiz bloktan hangi üçünün göründüğünün kabul edildiği ve altıncı sütunda parametrik üçlülerin düzenlendiğinde oluşturduğu denklemler belirtilmektedir.

Ek D tablosunda, 1–88, 89–176, 177–264 numaralı satırlar göz önüne alınırsa, sırası ile,

$$c_1\pm c_2\pm c_3\in\{-1,0,1\}\ \text{veya}\ \left(\left|c_1\pm c_2\right|,\left|c_3\right|\right)=\left(1,2\right), \tag{4.48}$$

$$c_1\pm c_2\pm c_3\in\{-1,0,1\}\ \text{veya}\ \left(\left|c_1\pm c_3\right|,\left|c_2\right|\right)=\left(1,2\right), \tag{4.49}$$

$$c_1 \pm c_2 \pm c_3 \in \{-1,0,1\} \text{ veya } \left(\left|c_2 \pm c_3\right|, \left|c_1\right|\right) = (1,2) \tag{4.50}$$

olduğu görülür. Dikkat edilirse bu üçlüler, sırası ile, 1 ve 2, 1 ve 3, 1 ve 5 ikili bloklarının görünmesiyle elde edilmiştir. Bu bloklar (4.45) ifadesinde göründüğünde $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrislerinin, sırası ile,

$$\mathbf{T}_1^2 = \mathbf{T}_2^2 = \mathbf{I}, \tag{4.51}$$

$$\mathbf{T}_1^2 = \mathbf{T}_3^2 = \mathbf{I}, \tag{4.52}$$

$$\mathbf{T}_2^2 = \mathbf{T}_3^2 = \mathbf{I} \tag{4.53}$$

Koşullarını sağladığı (4.42) göz önüne alındığında açıktır. (4.48), (4.49), (4.50) ve (4.51), (4.52), (4.53) ifadeleri düşünüldüğünde, sırası ile, $c_1 \pm c_2 \pm c_3 \in \{-1,0,1\}$ veya $\left(\left|c_i \pm c_j\right|, \left|c_k\right|\right) = (1,2)$ ve $\mathbf{T}_i^2 = \mathbf{T}_j^2 = \mathbf{I}$, $i,j,k = 1,2,3$, $i < j$, $i \neq k$, $j \neq k$, elde edilir. Böylece a71) şıkkının ispatı tamamlanmış olur.

Ek D tablosunda 265–272, 273–280, 281–288 numaralı satırlar göz önüne alınırsa, sırası ile,

$$2c_1 \pm c_2 \pm c_3 = 0, \tag{4.54}$$

$$\pm c_1 + 2c_2 \pm c_3 = 0, \tag{4.55}$$

$$\pm c_1 \pm c_2 + 2c_3 = 0 \tag{4.56}$$

olduğu görülür. Dikkat edilirse bu üçlüler, sırası ile, 2 ve 3, 2 ve 5, 3 ve 5 ikili bloklarının görünmesi ile elde edilmiştir. Bu bloklar (4.45) ifadesinde göründüğünde $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrislerinin, sırası ile,

$$\mathbf{T}_1^2 = \mathbf{I}\,,\ \mathbf{T}_2^2 + \mathbf{T}_3^2 = \mathbf{I}\,,\ \mathbf{T}_2\mathbf{T}_3 = \mathbf{0}\ \text{ve}\ \frac{1}{2}\left(\mathbf{T}_1^2 + \mathbf{T}_2^2 + \mathbf{T}_3^2\right) = \mathbf{I}\,, \tag{4.57}$$

$$\mathbf{T}_2^2 = \mathbf{I}\,,\ \mathbf{T}_1^2 + \mathbf{T}_3^2 = \mathbf{I}\,,\ \mathbf{T}_1\mathbf{T}_3 = \mathbf{0}\ \text{ve}\ \frac{1}{2}\left(\mathbf{T}_1^2 + \mathbf{T}_2^2 + \mathbf{T}_3^2\right) = \mathbf{I}\,, \tag{4.58}$$

$$\mathbf{T}_3^2 = \mathbf{I}\,,\ \mathbf{T}_1^2 + \mathbf{T}_2^2 = \mathbf{I}\,,\ \mathbf{T}_1\mathbf{T}_2 = \mathbf{0}\ \text{ve}\ \frac{1}{2}\left(\mathbf{T}_1^2 + \mathbf{T}_2^2 + \mathbf{T}_3^2\right) = \mathbf{I} \tag{4.59}$$

koşullarını sağladıkları,(4.42) göz önüne alındığında açıktır. (4.54), (4.55), (4.56) ve (4.57), (4.58), (4.59) ifadeleri düşünüldüğünde, sırası ile, $2c_i \pm c_j \pm c_k = 0$ ve $\mathbf{T}_i^2 = \mathbf{I}$, $\mathbf{T}_j^2 + \mathbf{T}_k^2 = \mathbf{I}$, $\mathbf{T}_j\mathbf{T}_k = \mathbf{0}$, $\frac{1}{2}\left(\mathbf{T}_1^2 + \mathbf{T}_2^2 + \mathbf{T}_3^2\right) = \mathbf{I}$, $i, j, k = 1,2,3$, $i \neq j$, $i \neq k$, $j < k$, elde edilir. Böylece a72) şıkkının ispatı tamamlanmış olur.

Ek D tablosunda 289–400 numaralı satırlar göz önüne alınırsa $2c_1 \pm c_2 \pm c_3 \in \{-2,-1,0,1,2\}$ olduğu görülür. Dikkat edilirse bu üçlüler, 2., 3. ve 5. blokların tüm ikili ve üçlü alt kombinasyonlarının görünmesiyle bulunmuştur. Bu blokların üçü aynı anda (4.45) ifadesinde göründüğünde, $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrislerinin $\mathbf{T}_1\mathbf{T}_2\mathbf{T}_3 = \mathbf{0}$ ve $\frac{1}{2}\left(\mathbf{T}_1^2 + \mathbf{T}_2^2 + \mathbf{T}_3^2\right) = \mathbf{I}$ koşullarını sağladığı, (4.42) göz önüne alındığında açıktır. Böylece a73) şıkkının ispatı tamamlanır.

Ek D tablosunda 401–416, 417–432, 433–448 numaralı satırlar göz önüne alındığında, sırası ile,

$$\left(|c_1|, |c_2 \pm c_3|\right) = (1,2)\,, \tag{4.60}$$

$$\left(|c_2|, |c_1 \pm c_3|\right) = (1,2)\,, \tag{4.61}$$

$$\left(|c_3|, |c_1 \pm c_2|\right) = (1,2) \tag{4.62}$$

olduğu görülür. Dikkat edilirse bu üçlüler, 1 ve 4, 1 ve 6, 1 ve 7 ikili bloklarının görünmesi ile bulunmuştur. Bu bloklar (4.45) ifadesinde göründüğünde, $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrislerinin, sırası ile,

$$\mathbf{T}_1^2 = \mathbf{I}\,,\ \mathbf{T}_2^2\mathbf{T}_3 = \mathbf{T}_3 \text{ ve } \mathbf{T}_3^2\mathbf{T}_2 = \mathbf{T}_2\,, \tag{4.63}$$

$$\mathbf{T}_2^2 = \mathbf{I}\,,\ \mathbf{T}_1^2\mathbf{T}_3 = \mathbf{T}_3 \text{ ve } \mathbf{T}_3^2\mathbf{T}_1 = \mathbf{T}_1\,, \tag{4.64}$$

$$\mathbf{T}_3^2 = \mathbf{I}\,,\ \mathbf{T}_1^2\mathbf{T}_2 = \mathbf{T}_2 \text{ ve } \mathbf{T}_2^2\mathbf{T}_1 = \mathbf{T}_1 \tag{4.65}$$

koşullarını sağladıkları, (4.42) göz önüne alındığında açıktır. (4.60), (4.61), (4.62) ve (4.63), (4.64), (4.65) ifadeleri düşünüldüğünde, sırası ile, $\left(|c_i|,|c_j \pm c_k|\right) = (1,2)$ ve $\mathbf{T}_i^2 = \mathbf{I}$, $\mathbf{T}_j^2\mathbf{T}_k = \mathbf{T}_k$, $\mathbf{T}_k^2\mathbf{T}_j = \mathbf{T}_j$, $i,j,k = 1,2,3$, $i \neq j$, $i \neq k$, $j < k$, elde edilir. Böylece a74) şıkkının ispatı tamamlanmış olur.

Ek D tablosunda 463–564, 565–680, 681–800 numaralı satırlar göz önüne alındığında, sırası ile,

$$\left(|c_1 \pm c_2|,|c_3|\right) = \left\{(0,1),(1,1)\right\}, \tag{4.66}$$

$$\left(|c_1 \pm c_3|,|c_2|\right) = \left\{(0,1),(1,1)\right\}, \tag{4.67}$$

$$\left(|c_2 \pm c_3|,|c_1|\right) = \left\{(0,1),(1,1)\right\} \tag{4.68}$$

olduğu görülür. Dikkat edilirse bu üçlüler, sırası ile, 1.,2.,7.; 1.,3.,6.; 1.,4.,5. üçlü bloklarının görünmesi ile elde edilmiştir. Bu bloklar (4.45) ifadesinde göründüğünde $\mathbf{T}_1$, $\mathbf{T}_2$ ve $\mathbf{T}_3$ matrislerinin, sırası ile,

$$\mathbf{T}_1^2\mathbf{T}_2 = \mathbf{T}_2 \text{ ve } \mathbf{T}_2^2\mathbf{T}_1 = \mathbf{T}_1 ; \tag{4.69}$$

$$\mathbf{T}_1^2\mathbf{T}_3 = \mathbf{T}_3 \text{ ve } \mathbf{T}_3^2\mathbf{T}_1 = \mathbf{T}_1 ; \tag{4.70}$$

$$\mathbf{T}_2^2\mathbf{T}_3 = \mathbf{T}_3 \text{ ve } \mathbf{T}_3^2\mathbf{T}_2 = \mathbf{T}_2 \tag{4.71}$$

koşullarını sağladıkları (4.42) göz önüne alındığında açıktır. (4.66), (4.67), (4.68) ve (4.69), (4.70), (4.71) ifadeleri düşünüldüğünde, sırası ile, $\left(\left|c_i \pm c_j\right|, \left|c_k\right|\right) = \left\{(0,1),(1,1)\right\}$ ve $\mathbf{T}_i^2\mathbf{T}_j = \mathbf{T}_j$, $\mathbf{T}_j^2\mathbf{T}_i = \mathbf{T}_i$, $i,j,k = 1,2,3$, $i < j$, $i \neq k$, $j \neq k$, elde edilir. Dolayısıyla a75) şıkkının ispatı ve böylece teoremin gereklilik kısmının ispatı tamamlanır.

Yeterlilik kısmı için teoremin şıklarındaki koşulların, (4.44) denklemini sağladığını göstermek yeterlidir. ■

BÖLÜM 5. TARTIŞMALAR VE ÖNERİLER

$c_1, c_2, c_3 \in \mathbb{C} \setminus \{0\}$ ve $\mathbf{X}_1, \mathbf{X}_2, \mathbf{X}_3 \in \mathbb{C}_n \setminus \{\mathbf{0}\}$ olmak üzere, $\mathbf{X} = c_1\mathbf{X}_1 + c_2\mathbf{X}_2 + c_3\mathbf{X}_3$ lineer kombinasyonu göz önüne alınsın.

$\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ sıfırdan farklı karşılıklı değişmeli EP matrisler olduklarında onların, nonsingüler blok matrisler kullanılarak nasıl yazılabileceğini gösteren bir sonuç Bölüm 4'te ortaya konulmaktadır. $\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ karşılıklı değişmeli involutif matrisler olduklarında $\mathbf{X}$ matrisinin tripotent olduğu durumlar [18] çalışmasında karakterize edilmiş olup bu sonucun farklı bir ispatı Bölüm 4'te verilmektedir. Ayrıca, $\mathbf{X}_1$, $\mathbf{X}_2$ ve $\mathbf{X}_3$ sıfırdan farklı karşılıklı değişmeli tripotent matrisler olduğunda, $\mathbf{X}$ matrisinin tripotent olduğu durumlar da Bölüm 4'te karakterize edilmektedir.

Sonuç olarak çalışma boyunca biri daha önce verilen bir teoremin alternatif ispatı olmak üzere üç tane teorem ifade ve ispat edilmiştir.

Değişmeli iki tripotent matrisin lineer kombinasyonunun tripotent olduğu koşullar kullanılarak, değişmeli iki genelleştirilmiş involutif matrisin lineer kombinasyonunun genelleştirilmiş involutif matris olması için gerekli ve yeterli koşullar [12] çalışmasında mevcuttur.

Aynı mantıkla, bu çalışmada elde edilen sonuçlar kullanılarak, [12] çalışmasındakine benzer bir yolla karşılıklı değişmeli üç genelleştirilmiş involutif matrisin lineer kombinasyonunun ne zaman genelleştirilmiş involutif matris olacağı sorusuna cevap aranabilir. Bunu yaparken Teorem 2.1.10 veya Teorem 2.1.11 ve Teorem 4.1.1'den faydalanılabilir.

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EKLER

Ek A. Teorem 4.2.1. İle İlgili Algoritma

Adım1) $\mathbf{D}=\begin{bmatrix}1 & 1 & 1 & 1 & -1 & -1 & -1 & -1\\ 1 & 1 & -1 & -1 & 1 & 1 & -1 & -1\\ 1 & -1 & 1 & -1 & 1 & -1 & 1 & -1\end{bmatrix}$, $\mathbf{A}=\begin{bmatrix}a_{11} & a_{12} & a_{13}\\ a_{21} & a_{22} & a_{23}\\ a_{31} & a_{32} & a_{33}\end{bmatrix}$, $\mathbf{b}=\begin{bmatrix}b_1\\ b_2\\ b_3\end{bmatrix}$

matrislerini oluştur.

Adım2) i, j, k değişkenleri için, sırası ile, 1'den 6'ya; $i+1$'den 7'ye; $j+1$'den 8'e, birer birer artacak şekilde üç döngü aç.

Adım3) $\mathbf{D}$ matrisinin $\begin{bmatrix}d_{1i} & d_{2i} & d_{3i}\\ d_{1j} & d_{2j} & d_{3j}\\ d_{1k} & d_{2k} & d_{3k}\end{bmatrix}$ biçimli alt matrisini $\mathbf{A}$ matrisi olarak ata.

Adım4) p, r, s değişkenleri için -1'den 1'e birer birer artacak şekilde üç döngü aç.

Adım5) $\begin{bmatrix}p\\ r\\ s\end{bmatrix}$ vektörünü $\mathbf{b}$ vektörü olarak ata.

Adım6) $\mathbf{A}\begin{bmatrix}x\\ y\\ z\end{bmatrix}=\mathbf{b}$ matris denklemini çöz.

Adım7) $\mathbf{A}$ (katsayılar matrisi), $\mathbf{b}$ (karşı taraf vektörü), (x, y, z) ((c_1, c_2, c_3) üçlüleri), (i, j, k) (görünen blok üçlüleri), ifadelerini yazdır.

Adım8) Adım4) ve Adım2)'de açılan üçer adet altı döngüyü sırası ile kapat.

Ek B. İnvolutif Matrisler İçin Çözümler

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[1,1,–1]}	(1,1,1)	2,3,4
2	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[1,1,1]}	(1,1,1)	2,3,5
3	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[1,–1,–1]}	(1,1,1)	2,4,6
4	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[1,1,–1]}	(1,1,1)	2,5,6
5	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[1,–1,–1]}	(1,1,1)	3,4,7
6	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[1,1,–1]}	(1,1,1)	3,5,7
7	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[–1,–1,–1]}	(1,1,1)	4,6,7
8	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[1,–1,–1]}	(1,1,1)	5,6,7
9	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[–1,–1,1]}	(–1,–1,–1)	2,3,4
10	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[–1,–1,–1]}	(–1,–1,–1)	2,3,5
11	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[–1,1,1]}	(–1,–1,–1)	2,4,6
12	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[–1,–1,1]}	(–1,–1,–1)	2,5,6
13	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[–1,1,1]}	(–1,–1,–1)	3,4,7
14	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[–1,–1,1]}	(–1,–1,–1)	3,5,7
15	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[1,1,1]}	(–1,–1,–1)	4,6,7
16	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[–1,1,1]}	(–1,–1,–1)	5,6,7
17	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[1,1,0]}	(1,1/2,1/2)	2,3,4
18	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[1,1,0]}	(1,1/2,1/2)	2,3,5
19	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[1,0,–1]}	(1,1/2,1/2)	2,4,6
20	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[1,0,–1]}	(1,1/2,1/2)	2,5,6
21	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[1,0,–1]}	(1,1/2,1/2)	3,4,7
22	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[1,0,–1]}	(1,1/2,1/2)	3,5,7
23	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[0,–1,–1]}	(1,1/2,1/2)	4,6,7
24	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[0,–1,–1]}	(1,1/2,1/2)	5,6,7
25	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[–1,–1,0]}	(–1,–1/2,–1/2)	2,3,4
26	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[–1,–1,0]}	(–1,–1/2,–1/2)	2,3,5
27	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[–1,0,1]}	(–1,–1/2,–1/2)	2,4,6
28	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[–1,0,1]}	(–1,–1/2,–1/2)	2,5,6
29	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[–1,0,1]}	(–1,–1/2,–1/2)	3,4,7
30	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[–1,0,1]}	(–1,–1/2,–1/2)	3,5,7
31	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[0,1,1]}	(–1,–1/2,–1/2)	4,6,7
32	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[0,1,1]}	(–1,–1/2,–1/2)	5,6,7
33	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[1,0,–1]}	(1/2,1,1/2)	2,3,4
34	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[1,0,1]}	(1/2,1,1/2)	2,3,5
35	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[1,–1,0]}	(1/2,1,1/2)	2,4,6
36	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[1,1,0]}	(1/2,1,1/2)	2,5,6
37	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[0,–1,–1]}	(1/2,1,1/2)	3,4,7
38	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[0,1,–1]}	(1/2,1,1/2)	3,5,7
39	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[–1,0,–1]}	(1/2,1,1/2)	4,6,7
40	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[1,0,–1]}	(1/2,1,1/2)	5,6,7
41	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[–1,0,1]}	(–1/2,–1,–1/2)	2,3,4
42	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[–1,0,–1]}	(–1/2,–1,–1/2)	2,3,5
43	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[–1,1,0]}	(–1/2,–1,–1/2)	2,4,6
44	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[–1,–1,0]}	(–1/2,–1,–1/2)	2,5,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
45	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[0,1,1]}	(–1/2,–1,–1/2)	3,4,7
46	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[0,–1,1]}	(–1/2,–1,–1/2)	3,5,7
47	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[1,0,1]}	(–1/2,–1,–1/2)	4,6,7
48	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[–1,0,1]}	(–1/2,–1,–1/2)	5,6,7
49	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[0,1,–1]}	(1/2,1/2,1)	2,3,4
50	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[0,1,1]}	(1/2,1/2,1)	2,3,5
51	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[0,–1,–1]}	(1/2,1/2,1)	2,4,6
52	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[0,1,–1]}	(1/2,1/2,1)	2,5,6
53	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[1,–1,0]}	(1/2,1/2,1)	3,4,7
54	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[1,1,0]}	(1/2,1/2,1)	3,5,7
55	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[–1,–1,0]}	(1/2,1/2,1)	4,6,7
56	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[1,–1,0]}	(1/2,1/2,1)	5,6,7
57	{[1,1,–1], [1,–1,1], [1,–1,–1]}	{[0,–1,1]}	(–1/2,–1/2,–1)	2,3,4
58	{[1,1,–1], [1,–1,1], [–1,1,1]}	{[0,–1,–1]}	(–1/2,–1/2,–1)	2,3,5
59	{[1,1,–1], [1,–1,–1], [–1,1,–1]}	{[0,1,1]}	(–1/2,–1/2,–1)	2,4,6
60	{[1,1,–1], [–1,1,1], [–1,1,–1]}	{[0,–1,1]}	(–1/2,–1/2,–1)	2,5,6
61	{[1,–1,1], [1,–1,–1], [–1,–1,1]}	{[–1,1,0]}	(–1/2,–1/2,–1)	3,4,7
62	{[1,–1,1], [–1,1,1], [–1,–1,1]}	{[–1,–1,0]}	(–1/2,–1/2,–1)	3,5,7
63	{[1,–1,–1], [–1,1,–1], [–1,–1,1]}	{[1,1,0]}	(–1/2,–1/2,–1)	4,6,7
64	{[–1,1,1], [–1,1,–1], [–1,–1,1]}	{[–1,1,0]}	(–1/2,–1/2,–1)	5,6,7
65	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[1,–1,1]}	(1,–1,1)	1,2,4
66	{[1,1,1], [1,1,–1], [–1,1,1]}	{[1,–1,–1]}	(1,–1,1)	1,2,5
67	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[1,1,1]}	(1,–1,1)	1,4,7
68	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[1,–1,1]}	(1,–1,1)	1,5,7
69	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[–1,1,–1]}	(1,–1,1)	2,4,8
70	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[–1,–1,–1]}	(1,–1,1)	2,5,8
71	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,1,–1]}	(1,–1,1)	4,7,8
72	{[–1,1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,1,–1]}	(1,–1,1)	5,7,8
73	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[–1,1,–1]}	(–1,1,–1)	1,2,4
74	{[1,1,1], [1,1,–1], [–1,1,1]}	{[–1,1,1]}	(–1,1,–1)	1,2,5
75	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[–1,–1,–1]}	(–1,1,–1)	1,4,7
76	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[–1,1,–1]}	(–1,1,–1)	1,5,7
77	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[1,–1,1]}	(–1,1,–1)	2,4,8
78	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[1,1,1]}	(–1,1,–1)	2,5,8
79	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,–1,1]}	(–1,1,–1)	4,7,8
80	{[–1,1,1], [–1,–1,1], [–1,–1,–1]}	{[1,–1,1]}	(–1,1,–1)	5,7,8
81	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[1,0,1]}	(1,–1/2,1/2)	1,2,4
82	{[1,1,1], [1,1,–1], [–1,1,1]}	{[1,0,–1]}	(1,–1/2,1/2)	1,2,5
83	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[1,1,0]}	(1,–1/2,1/2)	1,4,7
84	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[1,–1,0]}	(1,–1/2,1/2)	1,5,7
85	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[0,1,–1]}	(1,–1/2,1/2)	2,4,8
86	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[0,–1,–1]}	(1,–1/2,1/2)	2,5,8
87	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,0,–1]}	(1,–1/2,1/2)	4,7,8
88	{[–1,1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,0,–1]}	(1,–1/2,1/2)	5,7,8
89	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[–1,0,–1]}	(–1,1/2,–1/2)	1,2,4
90	{[1,1,1], [1,1,–1], [–1,1,1]}	{[–1,0,1]}	(–1,1/2,–1/2)	1,2,5
91	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[–1,–1,0]}	(–1,1/2,–1/2)	1,4,7
92	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[–1,1,0]}	(–1,1/2,–1/2)	1,5,7
93	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[0,–1,1]}	(–1,1/2,–1/2)	2,4,8
94	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[0,1,1]}	(–1,1/2,–1/2)	2,5,8
95	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,0,1]}	(–1,1/2,–1/2)	4,7,8
96	{[–1,1,1], [–1,–1,1], [–1,–1,–1]}	{[1,0,1]}	(–1,1/2,–1/2)	5,7,8

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
97	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[0,–1,1]}	(1/2,–1,1/2)	1,2,4
98	{[1,1,1], [1,1,–1], [–1,1,1]}	{[0,–1,–1]}	(1/2,–1,1/2)	1,2,5
99	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[0,1,1]}	(1/2,–1,1/2)	1,4,7
100	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[0,–1,1]}	(1/2,–1,1/2)	1,5,7
101	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[–1,1,0]}	(1/2,–1,1/2)	2,4,8
102	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[–1,–1,0]}	(1/2,–1,1/2)	2,5,8
103	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,1,0]}	(1/2,–1,1/2)	4,7,8
104	{[–1,1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,1,0]}	(1/2,–1,1/2)	5,7,8
105	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[0,1,–1]}	(–1/2,1,–1/2)	1,2,4
106	{[1,1,1], [1,1,–1], [–1,1,1]}	{[0,1,1]}	(–1/2,1,–1/2)	1,2,5
107	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[0,–1,–1]}	(–1/2,1,–1/2)	1,4,7
108	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[0,1,–1]}	(–1/2,1,–1/2)	1,5,7
109	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[1,–1,0]}	(–1/2,1,–1/2)	2,4,8
110	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[1,1,0]}	(–1/2,1,–1/2)	2,5,8
111	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,–1,0]}	(–1/2,1,–1/2)	4,7,8
112	{[–1,1,1], [–1,–1,1], [–1,–1,–1]}	{[1,–1,0]}	(–1/2,1,–1/2)	5,7,8
113	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[1,–1,0]}	(1/2,–1/2,1)	1,2,4
114	{[1,1,1], [1,1,–1], [–1,1,1]}	{[1,–1,0]}	(1/2,–1/2,1)	1,2,5
115	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[1,0,1]}	(1/2,–1/2,1)	1,4,7
116	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[1,0,1]}	(1/2,–1/2,1)	1,5,7
117	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[–1,0,–1]}	(1/2,–1/2,1)	2,4,8
118	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[–1,0,–1]}	(1/2,–1/2,1)	2,5,8
119	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[0,1,–1]}	(1/2,–1/2,1)	4,7,8
120	{[–1,1,1], [–1,–1,1], [–1,–1,–1}]	{[0,1,–1]}	(1/2,–1/2,1)	5,7,8
121	{[1,1,1], [1,1,–1], [1,–1,–1]}	{[–1,1,0]}	(–1/2,1/2,–1)	1,2,4
122	{[1,1,1], [1,1,–1], [–1,1,1]}	{[–1,1,0]}	(–1/2,1/2,–1)	1,2,5
123	{[1,1,1], [1,–1,–1], [–1,–1,1]}	{[–1,0,–1]}	(–1/2,1/2,–1)	1,4,7
124	{[1,1,1], [–1,1,1], [–1,–1,1]}	{[–1,0,–1]}	(–1/2,1/2,–1)	1,5,7
125	{[1,1,–1], [1,–1,–1], [–1,–1,–1]}	{[1,0,1]}	(–1/2,1/2,–1)	2,4,8
126	{[1,1,–1], [–1,1,1], [–1,–1,–1]}	{[1,0,1]}	(–1/2,1/2,–1)	2,5,8
127	{[1,–1,–1], [–1,–1,1], [–1,–1,–1]}	{[0,–1,1]}	(–1/2,1/2,–1)	4,7,8
128	{[–1,1,1], [–1,–1,1], [–1,–1,–1]}	{[0,–1,1]}	(–1/2,1/2,–1)	5,7,8
129	{[1,1,1], [1,1,–1], [1,–1,1]}	{[–1,1,1]}	(1,–1,–1)	1,2,3
130	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[–1,1,–1]}	(1,–1,–1)	1,2,6
131	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[–1,1,–1]}	(1,–1,–1)	1,3,7
132	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[–1,–1,–1]}	(1,–1,–1)	1,6,7
133	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[1,1,1]}	(1,–1,–1)	2,3,8
134	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[1,–1,1]}	(1,–1,–1)	2,6,8
135	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[1,–1,1]}	(1,–1,–1)	3,7,8
136	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,–1,1]}	(1,–1,–1)	6,7,8
137	{[1,1,1], [1,1,–1], [1,–1,1]}	{[1,–1,–1]}	(–1,1,1)	1,2,3
138	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[1,–1,1]}	(–1,1,1)	1,2,6
139	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[1,–1,1]}	(–1,1,1)	1,3,7
140	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[1,1,1]}	(–1,1,1)	1,6,7
141	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[–1,–1,–1]}	(–1,1,1)	2,3,8
142	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[–1,1,–1]}	(–1,1,1)	2,6,8
143	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,1,–1]}	(–1,1,1)	3,7,8
144	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,1,–1]}	(–1,1,1)	6,7,8
145	{[1,1,1], [1,1,–1], [1,–1,1]}	{[0,1,1]}	(1,–1/2,–1/2)	1,2,3
146	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[0,1,–1]}	(1,–1/2,–1/2)	1,2,6
147	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[0,1,–1]}	(1,–1/2,–1/2)	1,3,7
148	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[0,–1,–1]}	(1,–1/2,–1/2)	1,6,7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
149	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[1,1,0]}	(1,–1/2,–1/2)	2,3,8
150	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[1,–1,0]}	(1,–1/2,–1/2)	2,6,8
151	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[1,–1,0]}	(1,–1/2,–1/2)	3,7,8
152	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,–1,0]}	(1,–1/2,–1/2)	6,7,8
153	{[1,1,1], [1,1,–1], [1,–1,1]}	{[0,–1,–1]}	(–1,1/2,1/2)	1,2,3
154	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[0,–1,1]}	(–1,1/2,1/2)	1,2,6
155	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[0,–1,1]}	(–1,1/2,1/2)	1,3,7
156	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[0,1,1]}	(–1,1/2,1/2)	1,6,7
157	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[–1,–1,0]}	(–1,1/2,1/2)	2,3,8
158	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[–1,1,0]}	(–1,1/2,1/2)	2,6,8
159	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,1,0]}	(–1,1/2,1/2)	3,7,8
160	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,1,0]}	(–1,1/2,1/2)	6,7,8
161	{[1,1,1], [1,1,–1], [1,–1,1]}	{[–1,0,1]}	(1/2,–1,–1/2)	1,2,3
162	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[–1,0,–1]}	(1/2,–1,–1/2)	1,2,6
163	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[–1,1,0]}	(1/2,–1,–1/2)	1,3,7
164	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[–1,–1,0]}	(1/2,–1,–1/2)	1,6,7
165	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[0,1,1]}	(1/2,–1,–1/2)	2,3,8
166	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[0,–1,1]}	(1/2,–1,–1/2)	2,6,8
167	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[1,0,1]}	(1/2,–1,–1/2)	3,7,8
168	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,0,1]}	(1/2,–1,–1/2)	6,7,8
169	{[1,1,1], [1,1,–1], [1,–1,1]}	{[1,0,–1]}	(–1/2,1,1/2)	1,2,3
170	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[1,0,1]}	(–1/2,1,1/2)	1,2,6
171	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[1,–1,0]}	(–1/2,1,1/2)	1,3,7
172	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[1,1,0]}	(–1/2,1,1/2)	1,6,7
173	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[0,–1,–1]}	(–1/2,1,1/2)	2,3,8
174	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[0,1,–1]}	(–1/2,1,1/2)	2,6,8
175	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,0,–1]}	(–1/2,1,1/2)	3,7,8
176	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,0,–1]}	(–1/2,1,1/2)	6,7,8
177	{[1,1,1], [1,1,–1], [1,–1,1]}	{[–1,1,0]}	(1/2,–1/2,–1)	1,2,3
178	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[–1,1,0]}	(1/2,–1/2,–1)	1,2,6
179	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[–1,0,–1]}	(1/2,–1/2,–1)	1,3,7
180	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[–1,0,–1]}	(1/2,–1/2,–1)	1,6,7
181	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[1,0,1]}	(1/2,–1/2,–1)	2,3,8
182	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[1,0,1]}	(1/2,–1/2,–1)	2,6,8
183	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[0,–1,1]}	(1/2,–1/2,–1)	3,7,8
184	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[0,–1,1]}	(1/2,–1/2,–1)	6,7,8
185	{[1,1,1], [1,1,–1], [1,–1,1]}	{[1,–1,0]}	(–1/2,1/2,1)	1,2,3
186	{[1,1,1], [1,1,–1], [–1,1,–1]}	{[1,–1,0]}	(–1/2,1/2,1)	1,2,6
187	{[1,1,1], [1,–1,1], [–1,–1,1]}	{[1,0,1]}	(–1/2,1/2,1)	1,3,7
188	{[1,1,1], [–1,1,–1], [–1,–1,1]}	{[1,0,1]}	(–1/2,1/2,1)	1,6,7
189	{[1,1,–1], [1,–1,1], [–1,–1,–1]}	{[–1,0,–1]}	(–1/2,1/2,1)	2,3,8
190	{[1,1,–1], [–1,1,–1], [–1,–1,–1]}	{[–1,0,–1]}	(–1/2,1/2,1)	2,6,8
191	{[1,–1,1], [–1,–1,1], [–1,–1,–1]}	{[0,1,–1]}	(–1/2,1/2,1)	3,7,8
192	{[–1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[0,1,–1]}	(–1/2,1/2,1)	6,7,8
193	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[1,–1,1]}	(1,1,–1)	1,3,4
194	{[1,1,1], [1,–1,1], [–1,1,1]}	{[1,–1,–1]}	(1,1,–1)	1,3,5
195	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[1,1,1]}	(1,1,–1)	1,4,6
196	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[1,–1,1]}	(1,1,–1)	1,5,6
197	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[–1,1,–1]}	(1,1,–1)	3,4,8
198	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[–1,–1,–1]}	(1,1,–1)	3,5,8
199	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[1,1,–1]}	(1,1,–1)	4,6,8
200	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[–1,1,–1]}	(1,1,–1)	5,6,8

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
201	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[–1,1,–1]}	(–1,–1,1)	1,3,4
202	{[1,1,1], [1,–1,1], [–1,1,1]}	{[–1,1,1]}	(–1,–1,1)	1,3,5
203	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[–1,–1,–1]}	(–1,–1,1)	1,4,6
204	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[–1,1,–1]}	(–1,–1,1)	1,5,6
205	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[1,–1,1]}	(–1,–1,1)	3,4,8
206	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[1,1,1]}	(–1,–1,1)	3,5,8
207	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[–1,–1,1]}	(–1,–1,1)	4,6,8
208	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[1,–1,1]}	(–1,–1,1)	5,6,8
209	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[1,0,1]}	(1,1/2,–1/2)	1,3,4
210	{[1,1,1], [1,–1,1], [–1,1,1]}	{[1,0,–1]}	(1,1/2,–1/2)	1,3,5
211	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[1,1,0]}	(1,1/2,–1/2)	1,4,6
212	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[1,–1,0]}	(1,1/2,–1/2)	1,5,6
213	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[0,1,–1]}	(1,1/2,–1/2)	3,4,8
214	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[0,–1,–1]}	(1,1/2,–1/2)	3,5,8
215	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[1,0,–1]}	(1,1/2,–1/2)	4,6,8
216	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[–1,0,–1]}	(1,1/2,–1/2)	5,6,8
217	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[–1,0,–1]}	(–1,–1/2,1/2)	1,3,4
218	{[1,1,1], [1,–1,1], [–1,1,1]}	{[–1,0,1]}	(–1,–1/2,1/2)	1,3,5
219	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[–1,–1,0]}	(–1,–1/2,1/2)	1,4,6
220	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[–1,1,0]}	(–1,–1/2,1/2)	1,5,6
221	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[0,–1,1]}	(–1,–1/2,1/2)	3,4,8
222	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[0,1,1]}	(–1,–1/2,1/2)	3,5,8
223	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[–1,0,1]}	(–1,–1/2,1/2)	4,6,8
224	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[1,0,1]}	(–1,–1/2,1/2)	5,6,8
225	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[1,–1,0]}	(1/2,1,–1/2)	1,3,4
226	{[1,1,1], [1,–1,1], [–1,1,1]}	{[1,–1,0]}	(1/2,1,–1/2)	1,3,5
227	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[1,0,1]}	(1/2,1,–1/2)	1,4,6
228	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[1,0,1]}	(1/2,1,–1/2)	1,5,6
229	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[–1,0,–1]}	(1/2,1,–1/2)	3,4,8
230	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[–1,0,–1]}	(1/2,1,–1/2)	3,5,8
231	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[0,1,–1]}	(1/2,1,–1/2)	4,6,8
232	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[0,1,–1]}	(1/2,1,–1/2)	5,6,8
233	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[–1,1,0]}	(–1/2,–1,1/2)	1,3,4
234	{[1,1,1], [1,–1,1], [–1,1,1]}	{[–1,1,0]}	(–1/2,–1,1/2)	1,3,5
235	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[–1,0,–1]}	(–1/2,–1,1/2)	1,4,6
236	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[–1,0,–1]}	(–1/2,–1,1/2)	1,5,6
237	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[1,0,1]}	(–1/2,–1,1/2)	3,4,8
238	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[1,0,1]}	(–1/2,–1,1/2)	3,5,8
239	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[0,–1,1]}	(–1/2,–1,1/2)	4,6,8
240	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[0,–1,1]}	(–1/2,–1,1/2)	5,6,8
241	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[0,–1,1]}	(1/2,1/2,–1)	1,3,4
242	{[1,1,1], [1,–1,1], [–1,1,1]}	{[0,–1,–1]}	(1/2,1/2,–1)	1,3,5
243	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[0,1,1]}	(1/2,1/2,–1)	1,4,6
244	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[0,–1,1]}	(1/2,1/2,–1)	1,5,6
245	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[–1,1,0]}	(1/2,1/2,–1)	3,4,8
246	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[–1,–1,0]}	(1/2,1/2,–1)	3,5,8
247	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[1,1,0]}	(1/2,1/2,–1)	4,6,8
248	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[–1,1,0]}	(1/2,1/2,–1)	5,6,8
249	{[1,1,1], [1,–1,1], [1,–1,–1]}	{[0,1,–1]}	(–1/2,–1/2,1)	1,3,4
250	{[1,1,1], [1,–1,1], [–1,1,1]}	{[0,1,1]}	(–1/2,–1/2,1)	1,3,5
251	{[1,1,1], [1,–1,–1], [–1,1,–1]}	{[0,–1,–1]}	(–1/2,–1/2,1)	1,4,6
252	{[1,1,1], [–1,1,1], [–1,1,–1]}	{[0,1,–1]}	(–1/2,–1/2,1)	1,5,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
253	{[1,–1,1], [1,–1,–1], [–1,–1,–1]}	{[1,–1,0]}	(–1/2,–1/2,1)	3,4,8
254	{[1,–1,1], [–1,1,1], [–1,–1,–1]}	{[1,1,0]}	(–1/2,–1/2,1)	3,5,8
255	{[1,–1,–1], [–1,1,–1], [–1,–1,–1]}	{[–1,–1,0]}	(–1/2,–1/2,1)	4,6,8
256	{[–1,1,1], [–1,1,–1], [–1,–1,–1]}	{[1,–1,0]}	(–1/2,–1/2,1)	5,6,8
257	{[1,1,1], [1,1,–1], [–1,–1,1]}	{[1,0,0]}	(x,1/2 – x,1/2)	1,2,7
258	{[1,1,1], [1,1,–1], [–1,–1,–1]}	{[1,0,–1]}	(x,1/2 – x,1/2)	1,2,8
259	{[1,1,1], [–1,–1,1], [–1,–1,–1]}	{[1,0,–1]}	(x,1/2 – x,1/2)	1,7,8
260	{[1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[0,0,–1]}	(x,1/2 – x,1/2)	2,7,8
261	{[1,1,1], [1,1,–1], [–1,–1,1]}	{[0,1,–1]}	(x,1/2 – x,–1/2)	1,2,7
262	{[1,1,1], [1,1,–1], [–1,–1,–1]}	{[0,1,0]}	(x,1/2 – x,–1/2)	1,2,8
263	{[1,1,1], [–1,–1,1], [–1,–1,–1]}	{[0,–1,0]}	(x,1/2 – x,–1/2)	1,7,8
264	{[1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,–1,0]}	(x,1/2 – x,–1/2)	2,7,8
265	{[1,1,1], [1,1,–1], [–1,–1,1]}	{[0,–1,1]}	(x,–1/2 – x,1/2)	1,2,7
266	{[1,1,1], [1,1,–1], [–1,–1,–1]}	{[0,–1,0]}	(x,–1/2 – x,1/2)	1,2,8
267	{[1,1,1], [–1,–1,1], [–1,–1,–1]}	{[0,1,0]}	(x,–1/2 – x,1/2)	1,7,8
268	{[1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,1,0]}	(x,–1/2 – x,1/2)	2,7,8
269	{[1,1,1], [1,1,–1], [–1,–1,1]}	{[–1,0,0]}	(x,–1/2 – x,–1/2)	1,2,7
270	{[1,1,1], [1,1,–1], [–1,–1,–1]}	{[–1,0,1]}	(x,–1/2 – x,–1/2)	1,2,8
271	{[1,1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,0,1]}	(x,–1/2 – x,–1/2)	1,7,8
272	{[1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[0,0,1]}	(x,–1/2 – x,–1/2)	2,7,8
273	{[1,1,1], [1,1,–1], [–1,–1,1]}	{[1,–1,1]}	(x,–x,1)	1,2,7
274	{[1,1,1], [1,1,–1], [–1,–1,–1]}	{[1,–1,–1]}	(x,–x,1)	1,2,8
275	{[1,1,1], [–1,–1,1], [–1,–1,–1]}	{[1,1,–1]}	(x,–x,1)	1,7,8
276	{[1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[–1,1,–1]}	(x,–x,1)	2,7,8
277	{[1,1,1], [1,1,–1], [–1,–1,1]}	{[–1,1,–1]}	(x,–x,–1)	1,2,7
278	{[1,1,1], [1,1,–1], [–1,–1,–1]}	{[–1,1,1]}	(x,–x,–1)	1,2,8
279	{[1,1,1], [–1,–1,1], [–1,–1,–1]}	{[–1,–1,1]}	(x,–x,–1)	1,7,8
280	{[1,1,–1], [–1,–1,1], [–1,–1,–1]}	{[1,–1,1]}	(x,–x,–1)	2,7,8
281	{[1,1,1], [1,–1,1], [–1,1,–1]}	{[1,–1,1]}	(x,1,–x)	1,3,6
282	{[1,1,1], [1,–1,1], [–1,–1,–1]}	{[1,–1,–1]}	(x,1,–x)	1,3,8
283	{[1,1,1], [–1,1,–1], [–1,–1,–1]}	{[1,1,–1]}	(x,1,–x)	1,6,8
284	{[1,–1,1], [–1,1,–1], [–1,–1,–1]}	{[–1,1,–1]}	(x,1,–x)	3,6,8
285	{[1,1,1], [1,–1,1], [–1,1,–1]}	{[–1,1,–1]}	(x,–1,–x)	1,3,6
286	{[1,1,1], [1,–1,1], [–1,–1,–1]}	{[–1,1,1]}	(x,–1,–x)	1,3,8
287	{[1,1,1], [–1,1,–1], [–1,–1,–1]}	{[–1,–1,1]}	(x,–1,–x)	1,6,8
288	{[1,–1,1], [–1,1,–1], [–1,–1,–1]}	{[1,–1,1]}	(x,–1,–x)	3,6,8
289	{[1,1,1], [1,–1,1], [–1,1,–1]}	{[1,0,0]}	(x,1/2,1/2 – x)	1,3,6
290	{[1,1,1], [1,–1,1], [–1,–1,–1]}	{[1,0,–1]}	(x,1/2,1/2 – x)	1,3,8
291	{[1,1,1], [–1,1,–1], [–1,–1,–1]}	{[1,0,–1]}	(x,1/2,1/2 – x)	1,6,8
292	{[1,–1,1], [–1,1,–1], [–1,–1,–1]}	{[0,0,–1]}	(x,1/2,1/2 – x)	3,6,8
293	{[1,1,1], [1,–1,1], [–1,1,–1]}	{[0,–1,1]}	(x,1/2,–1/2 – x)	1,3,6
294	{[1,1,1], [1,–1,1], [–1,–1,–1]}	{[0,–1,0]}	(x,1/2,–1/2 – x)	1,3,8
295	{[1,1,1], [–1,1,–1], [–1,–1,–1]}	{[0,1,0]}	(x,1/2,–1/2 – x)	1,6,8
296	{[1,–1,1], [–1,1,–1], [–1,–1,–1]}	{[–1,1,0]}	(x,1/2,–1/2 – x)	3,6,8
297	{[1,1,1], [1,–1,1], [–1,1,–1]}	{[0,1,–1]}	(x,–1/2,1/2 – x)	1,3,6
298	{[1,1,1], [1,–1,1], [–1,–1,–1]}	{[0,1,0]}	(x,–1/2,1/2 – x)	1,3,8
299	{[1,1,1], [–1,1,–1], [–1,–1,–1]}	{[0,–1,0]}	(x,–1/2,1/2 – x)	1,6,8
300	{[1,–1,1], [–1,1,–1], [–1,–1,–1]}	{[1,–1,0]}	(x,–1/2,1/2 – x)	3,6,8
301	{[1,1,1], [1,–1,1], [–1,1,–1]}	{[–1,0,0]}	(x,–1/2,–1/2 – x)	1,3,6
302	{[1,1,1], [1,–1,1], [–1,–1,–1]}	{[–1,0,1]}	(x,–1/2,–1/2 – x)	1,3,8
303	{[1,1,1], [–1,1,–1], [–1,–1,–1]}	{[–1,0,1]}	(x,–1/2,–1/2 – x)	1,6,8
304	{[1,–1,1], [–1,1,–1], [–1,–1,–1]}	{[0,0,1]}	(x,–1/2,–1/2 – x)	3,6,8

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
305	{[1,1,1], [1,–1,–1], [–1,1,1]}	{[1,1,–1]}	(1,y,–y)	1,4,5
306	{[1,1,1], [1,–1,–1], [–1,–1,–1]}	{[1,1,–1]}	(1,y,–y)	1,4,8
307	{[1,1,1], [–1,1,1], [–1,–1,–1]}	{[1,–1,–1]}	(1,y,–y)	1,5,8
308	{[1,–1,–1], [–1,1,1], [–1,–1,–1]}	{[1,–1,–1]}	(1,y,–y)	4,5,8
309	{[1,1,1], [1,–1,–1], [–1,1,1]}	{[–1,–1,1]}	(–1,y,–y)	1,4,5
310	{[1,1,1], [1,–1,–1], [–1,–1,–1]}	{[–1,–1,1]}	(–1,y,–y)	1,4,8
311	{[1,1,1], [–1,1,1], [–1,–1,–1]}	{[–1,1,1]}	(–1,y,–y)	1,5,8
312	{[1,–1,–1], [–1,1,1], [–1,–1,–1]}	{[–1,1,1]}	(–1,y,–y)	4,5,8
313	{[1,1,1], [1,–1,–1], [–1,1,1]}	{[1,0,0]}	(1/2,y,1/2 – y)	1,4,5
314	{[1,1,1], [1,–1,–1], [–1,–1,–1]}	{[1,0,–1]}	(1/2,y,1/2 – y)	1,4,8
315	{[1,1,1], [–1,1,1], [–1,–1,–1]}	{[1,0,–1]}	(1/2,y,1/2 – y)	1,5,8
316	{[1,–1,–1], [–1,1,1], [–1,–1,–1]}	{[0,0,–1]}	(1/2,y,1/2 – y)	4,5,8
317	{[1,1,1], [1,–1,–1], [–1,1,1]}	{[0,1,–1]}	(1/2,y,–1/2 – y)	1,4,5
318	{[1,1,1], [1,–1,–1], [–1,–1,–1]}	{[0,1,0]}	(1/2,y,–1/2 – y)	1,4,8
319	{[1,1,1], [–1,1,1], [–1,–1,–1]}	{[0,–1,0]}	(1/2,y,–1/2 – y)	1,5,8
320	{[1,–1,–1], [–1,1,1], [–1,–1,–1]}	{[1,–1,0]}	(1/2,y,–1/2 – y)	4,5,8
321	{[1,1,1], [1,–1,–1], [–1,1,1]}	{[0,–1,1]}	(–1/2,y,1/2 – y)	1,4,5
322	{[1,1,1], [1,–1,–1], [–1,–1,–1]}	{[0,–1,0]}	(–1/2,y,1/2 – y)	1,4,8
323	{[1,1,1], [–1,1,1], [–1,–1,–1]}	{[0,1,0]}	(–1/2,y,1/2 – y)	1,5,8
324	{[1,–1,–1], [–1,1,1], [–1,–1,–1]}	{[–1,1,0]}	(–1/2,y,1/2 – y)	4,5,8
325	{[1,1,1], [1,–1,–1], [–1,1,1]}	{[–1,0,0]}	(–1/2,y,–1/2 – y)	1,4,5
326	{[1,1,1], [1,–1,–1], [–1,–1,–1]}	{[–1,0,1]}	(–1/2,y,–1/2 – y)	1,4,8
327	{[1,1,1], [–1,1,1], [–1,–1,–1]}	{[–1,0,1]}	(–1/2,y,–1/2 – y)	1,5,8
328	{[1,–1,–1], [–1,1,1], [–1,–1,–1]}	{[0,0,1]}	(–1/2,y,–1/2 – y)	4,5,8
329	{[1,1,–1], [1,–1,1], [–1,1,–1]}	{[1,1,–1]}	(1,y,y)	2,3,6
330	{[1,1,–1], [1,–1,1], [–1,–1,1]}	{[1,1,–1]}	(1,y,y)	2,3,7
331	{[1,1,–1], [–1,1,–1], [–1,–1,1]}	{[1,–1,–1]}	(1,y,y)	2,6,7
332	{[1,–1,1], [–1,1,–1], [–1,–1,1]}	{[1,–1,–1]}	(1,y,y)	3,6,7
333	{[1,1,–1], [1,–1,1], [–1,1,–1]}	{[–1,–1,1]}	(–1,y,y)	2,3,6
334	{[1,1,–1], [1,–1,1], [–1,–1,1]}	{[–1,–1,1]}	(–1,y,y)	2,3,7
335	{[1,1,–1], [–1,1,–1], [–1,–1,1]}	{[–1,1,1]}	(–1,y,y)	2,6,7
336	{[1,–1,1], [–1,1,–1], [–1,–1,1]}	{[–1,1,1]}	(–1,y,y)	3,6,7
337	{[1,1,–1], [1,–1,1], [–1,1,–1]}	{[0,1,–1]}	(1/2,y,1/2 + y)	2,3,6
338	{[1,1,–1], [1,–1,1], [–1,–1,1]}	{[0,1,0]}	(1/2,y,1/2 + y)	2,3,7
339	{[1,1,–1], [–1,1,–1], [–1,–1,1]}	{[0,–1,0]}	(1/2,y,1/2 + y)	2,6,7
340	{[1,–1,1], [–1,1,–1], [–1,–1,1]}	{[1,–1,0]}	(1/2,y,1/2 + y)	3,6,7
341	{[1,1,–1], [1,–1,1], [–1,1,–1]}	{[1,0,0]}	(1/2,y,–1/2 + y)	2,3,6
342	{[1,1,–1], [1,–1,1], [–1,–1,1]}	{[1,0,–1]}	(1/2,y,–1/2 + y)	2,3,7
343	{[1,1,–1], [–1,1,–1], [–1,–1,1]}	{[1,0,–1]}	(1/2,y,–1/2 + y)	2,6,7
344	{[1,–1,1], [–1,1,–1], [–1,–1,1]}	{[0,0,–1]}	(1/2,y,–1/2 + y)	3,6,7
345	{[1,1,–1], [1,–1,1], [–1,1,–1]}	{[–1,0,0]}	(–1/2,y,1/2 + y)	2,3,6
346	{[1,1,–1], [1,–1,1], [–1,–1,1]}	{[–1,0,1]}	(–1/2,y,1/2 + y)	2,3,7
347	{[1,1,–1], [–1,1,–1], [–1,–1,1]}	{[–1,0,1]}	(–1/2,y,1/2 + y)	2,6,7
348	{[1,–1,1], [–1,1,–1], [–1,–1,1]}	{[0,0,1]}	(–1/2,y,1/2 + y)	3,6,7
349	{[1,1,–1], [1,–1,1], [–1,1,–1]}	{[0,–1,1]}	(–1/2,y,–1/2 + y)	2,3,6
350	{[1,1,–1], [1,–1,1], [–1,–1,1]}	{[0,–1,0]}	(–1/2,y,–1/2 + y)	2,3,7
351	{[1,1,–1], [–1,1,–1], [–1,–1,1]}	{[0,1,0]}	(–1/2,y,–1/2 + y)	2,6,7
352	{[1,–1,1], [–1,1,–1], [–1,–1,1]}	{[–1,1,0]}	(–1/2,y,–1/2 + y)	3,6,7
353	{[1,1,–1], [1,–1,–1], [–1,1,1]}	{[1,–1,1]}	(x,1,x)	2,4,5
354	{[1,1,–1], [1,–1,–1], [–1,–1,1]}	{[1,–1,–1]}	(x,1,x)	2,4,7
355	{[1,1,–1], [–1,1,1], [–1,–1,1]}	{[1,1,–1]}	(x,1,x)	2,5,7
356	{[1,–1,–1], [–1,1,1], [–1,–1,1]}	{[–1,1,–1]}	(x,1,x)	4,5,7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
357	{[1,1,–1], [1,–1,–1], [–1,1,1]}	{[–1,1,–1]}	(x,–1,x)	2,4,5
358	{[1,1,–1], [1,–1,–1], [–1,–1,1]}	{[–1,1,1]}	(x,–1,x)	2,4,7
359	{[1,1,–1], [–1,1,1], [–1,–1,1]}	{[–1,–1,1]}	(x,–1,x)	2,5,7
360	{[1,–1,–1], [–1,1,1], [–1,–1,1]}	{[1,–1,1]}	(x,–1,x)	4,5,7
361	{[1,1,–1], [1,–1,–1], [–1,1,1]}	{[0,–1,1]}	(x,1/2,1/2 + x)	2,4,5
362	{[1,1,–1], [1,–1,–1], [–1,–1,1]}	{[0,–1,0]}	(x,1/2,1/2 + x)	2,4,7
363	{[1,1,–1], [–1,1,1], [–1,–1,1]}	{[0,1,0]}	(x,1/2,1/2 + x)	2,5,7
364	{[1,–1,–1], [–1,1,1], [–1,–1,1]}	{[–1,1,0]}	(x,1/2,1/2 + x)	4,5,7
365	{[1,1,–1], [1,–1,–1], [–1,1,1]}	{[1,0,0]}	(x,1/2,–1/2 + x)	2,4,5
366	{[1,1,–1], [1,–1,–1], [–1,–1,1]}	{[1,0,–1]}	(x,1/2,–1/2 + x)	2,4,7
367	{[1,1,–1], [–1,1,1], [–1,–1,1]}	{[1,0,–1]}	(x,1/2,–1/2 + x)	2,5,7
368	{[1,–1,–1], [–1,1,1], [–1,–1,1]}	{[0,0,–1]}	(x,1/2,–1/2 + x)	4,5,7
369	{[1,1,–1], [1,–1,–1], [–1,1,1]}	{[–1,0,0]}	(x,–1/2,1/2 + x)	2,4,5
370	{[1,1,–1], [1,–1,–1], [–1,–1,1]}	{[–1,0,1]}	(x,–1/2,1/2 + x)	2,4,7
371	{[1,1,–1], [–1,1,1], [–1,–1,1]}	{[–1,0,1]}	(x,–1/2,1/2 + x)	2,5,7
372	{[1,–1,–1], [–1,1,1], [–1,–1,1]}	{[0,0,1]}	(x,–1/2,1/2 + x)	4,5,7
373	{[1,1,–1], [1,–1,–1], [–1,1,1]}	{[0,1,–1]}	(x,–1/2,–1/2 + x)	2,4,5
374	{[1,1,–1], [1,–1,–1], [–1,–1,1]}	{[0,1,0]}	(x,–1/2,–1/2 + x)	2,4,7
375	{[1,1,–1], [–1,1,1], [–1,–1,1]}	{[0,–1,0]}	(x,–1/2,–1/2 + x)	2,5,7
376	{[1,–1,–1], [–1,1,1], [–1,–1,1]}	{[1,–1,0]}	(x,–1/2,–1/2 + x)	4,5,7
377	{[1,–1,1], [1,–1,–1], [–1,1,1]}	{[0,–1,1]}	(x,1/2 + x,1/2)	3,4,5
378	{[1,–1,1], [1,–1,–1], [–1,1,–1]}	{[0,–1,0]}	(x,1/2 + x,1/2)	3,4,6
379	{[1,–1,1], [–1,1,1], [–1,1,–1]}	{[0,1,0]}	(x,1/2 + x,1/2)	3,5,6
380	{[1,–1,–1], [–1,1,1], [–1,1,–1]}	{[–1,1,0]}	(x,1/2 + x,1/2)	4,5,6
381	{[1,–1,1], [1,–1,–1], [–1,1,1]}	{[–1,0,0]}	(x,1/2 + x,–1/2)	3,4,5
382	{[1,–1,1], [1,–1,–1], [–1,1,–1]}	{[–1,0,1]}	(x,1/2 + x,–1/2)	3,4,6
383	{[1,–1,1], [–1,1,1], [–1,1,–1]}	{[–1,0,1]}	(x,1/2 + x,–1/2)	3,5,6
384	{[1,–1,–1], [–1,1,1], [–1,1,–1]}	{[0,0,1]}	(x,1/2 + x,–1/2)	4,5,6
385	{[1,–1,1], [1,–1,–1], [–1,1,1]}	{[1,0,0]}	(x,–1/2 + x,1/2)	3,4,5
386	{[1,–1,1], [1,–1,–1], [–1,1,–1]}	{[1,0,–1]}	(x,–1/2 + x,1/2)	3,4,6
387	{[1,–1,1], [–1,1,1], [–1,1,–1]}	{[1,0,–1]}	(x,–1/2 + x,1/2)	3,5,6
388	{[1,–1,–1], [–1,1,1], [–1,1,–1]}	{[0,0,–1]}	(x,–1/2 + x,1/2)	4,5,6
389	{[1,–1,1], [1,–1,–1], [–1,1,1]}	{[0,1,–1]}	(x,–1/2 + x,–1/2)	3,4,5
390	{[1,–1,1], [1,–1,–1], [–1,1,–1]}	{[0,1,0]}	(x,–1/2 + x,–1/2)	3,4,6
391	{[1,–1,1], [–1,1,1], [–1,1,–1]}	{[0,–1,0]}	(x,–1/2 + x,–1/2)	3,5,6
392	{[1,–1,–1], [–1,1,1], [–1,1,–1]}	{[1,–1,0]}	(x,–1/2 + x,–1/2)	4,5,6
393	{[1,–1,1], [1,–1,–1], [–1,1,1]}	{[1,–1,1]}	(x,x,1)	3,4,5
394	{[1,–1,1], [1,–1,–1], [–1,1,–1]}	{[1,–1,–1]}	(x,x,1)	3,4,6
395	{[1,–1,1], [–1,1,1], [–1,1,–1]}	{[1,1,–1]}	(x,x,1)	3,5,6
396	{[1,–1,–1], [–1,1,1], [–1,1,–1]}	{[–1,1,–1]}	(x,x,1)	4,5,6
397	{[1,–1,1], [1,–1,–1], [–1,1,1]}	{[–1,1,–1]}	(x,x,–1)	3,4,5
398	{[1,–1,1], [1,–1,–1], [–1,1,–1]}	{[–1,1,1]}	(x,x,–1)	3,4,6
399	{[1,–1,1], [–1,1,1], [–1,1,–1]}	{[–1,–1,1]}	(x,x,–1)	3,5,6
400	{[1,–1,–1], [–1,1,1], [–1,1,–1]}	{[1,–1,1]}	(x,x,–1)	4,5,6

Ek C. Tripotent Matrisler İçin Skaler Sonuçlar

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[0,1,0]}	(1,1,1)	1, 2
2	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[–1,0,0]}	(1,1,1)	1,2,3
3	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[–1,0,1]}	(1,1,1)	1,2,4
4	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[–1,0,0]}	(1,1,1)	1,2,5
5	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[–1,0,1]}	(1,1,1)	1,2,6
6	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[–1,0,1]}	(1,1,1)	1,2,7
7	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[0,1,0]}	(1,1,1)	1, 3
8	{[–1, –1, 1], [1, 0, –1], [1, 0, 0]}	{[–1,0,1]}	(1,1,1)	1,3,4
9	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[–1,0,0]}	(1,1,1)	1,3,5
10	{[–1, 1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,0,1]}	(1,1,1)	1,3,6
11	{[–1, –1, 1], [1, 0, –1], [0, 0, 1]}	{[–1,0,1]}	(1,1,1)	1,3,7
12	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[0,1,1]}	(1,1,1)	1, 4
13	{[–1, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1,1,0]}	(1,1,1)	1,4,5
14	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[–1,1,1]}	(1,1,1)	1,4,6
15	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,1,1]}	(1,1,1)	1,4,7
16	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,0]}	(1,1,1)	1, 5
17	{[–1, –1, 1], [0, 1, 0], [0, 1, –1]}	{[–1,1,0]}	(1,1,1)	1,5,6
18	{[–1, –1, 1], [0, 0, 1], [0, 1, –1]}	{[–1,1,0]}	(1,1,1)	1,5,7
19	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[0,1,1]}	(1,1,1)	1, 6
20	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[–1,1,1]}	(1,1,1)	1,6,7
21	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(1,1,1)	1, 7
22	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[0,0,1]}	(1,1,1)	2,3,4
23	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[0,0,1]}	(1,1,1)	2,3,6
24	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[0,0,1]}	(1,1,1)	2,3,7
25	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[0,1,0]}	(1,1,1)	2,4,5
26	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[0,1,1]}	(1,1,1)	2,4,7
27	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[0,1,0]}	(1,1,1)	2,5,6
28	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,0]}	(1,1,1)	2,5,7
29	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(1,1,1)	2,6,7
30	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[0,1,0]}	(1,1,1)	3,4,5
31	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[0,1,1]}	(1,1,1)	3,4,6
32	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[0,0,1]}	(1,1,1)	3,5,6
33	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[0,0,1]}	(1,1,1)	3,5,7
34	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(1,1,1)	3,6,7
35	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[0,1,1]}	(1,1,1)	4,5,6
36	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[0,1,1]}	(1,1,1)	4,5,7
37	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1,1,1]}	(1,1,1)	4,6,7
38	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[0,–1,0]}	(–1,–1,–1)	1, 2
39	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[1,0,0]}	(–1,–1,–1)	1,2,3
40	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[1,0,–1]}	(–1,–1,–1)	1,2,4
41	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[1,0,0]}	(–1,–1,–1)	1,2,5
42	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[1,0,–1]}	(–1,–1,–1)	1,2,6
43	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[1,0,–1]}	(–1,–1,–1)	1,2,7
44	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[0,–1,0]}	(–1,–1,–1)	1, 3
45	{[–1, –1, 1], [1, 0, –1], [1, 0, 0]}	{[1,0,–1]}	(–1,–1,–1)	1,3,4
46	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[1,0,0]}	(–1,–1,–1)	1,3,5
47	{[–1, 1, –1], [1, 0, –1], [0, 1, 0]}	{[1,0,–1]}	(–1,–1,–1)	1,3,6
48	{[–1, –1, 1], [1, 0, –1], [0, 0, 1]}	{[1,0,–1]}	(–1,–1,–1)	1,3,7
49	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[0,–1,–1]}	(–1,–1,–1)	1, 4
50	{[–1, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1,–1,0]}	(–1,–1,–1)	1,4,5
51	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[1,–1,–1]}	(–1,–1,–1)	1,4,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
52	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[1,–1,–1]}	(–1,–1,–1)	1,4,7
53	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(–1,–1,–1)	1, 5
54	{[–1, –1, 1], [0, 1, 0], [0, 1, –1]}	{[1,–1,0]}	(–1,–1,–1)	1,5,6
55	{[–1, –1, 1], [0, 0, 1], [0, 1, –1]}	{[1,–1,0]}	(–1,–1,–1)	1,5,7
56	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[0,–1,–1]}	(–1,–1,–1)	1, 6
57	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1]}	(–1,–1,–1)	1,6,7
58	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,–1,–1)	1, 7
59	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[0,0,–1]}	(–1,–1,–1)	2,3,4
60	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[0,0,–1]}	(–1,–1,–1)	2,3,6
61	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[0,0,–1]}	(–1,–1,–1)	2,3,7
62	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[0,–1,0]}	(–1,–1,–1)	2,4,5
63	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,–1,–1)	2,4,7
64	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[0,–1,0]}	(–1,–1,–1)	2,5,6
65	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(–1,–1,–1)	2,5,7
66	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,–1,–1)	2,6,7
67	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[0,–1,0]}	(–1,–1,–1)	3,4,5
68	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[0,–1,–1]}	(–1,–1,–1)	3,4,6
69	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[0,0,–1]}	(–1,–1,–1)	3,5,6
70	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[0,0,–1]}	(–1,–1,–1)	3,5,7
71	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,–1,–1)	3,6,7
72	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[0,–1,–1]}	(–1,–1,–1)	4,5,6
73	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,–1,–1)	4,5,7
74	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1,–1,–1]}	(–1,–1,–1)	4,6,7
75	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[0,1,0]}	(1,1,–1)	1, 2
76	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[–1,0,0]}	(1,1,–1)	1,2,3
77	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[–1,0,1]}	(1,1,–1)	1,2,4
78	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,0,0]}	(1,1,–1)	1,2,5
79	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[–1,0,1]}	(1,1,–1)	1,2,6
80	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[–1,0,–1]}	(1,1,–1)	1,2,7
81	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[0,–1,0]}	(1,1,–1)	1, 3
82	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[–1,0,1]}	(1,1,–1)	1,3,4
83	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[–1,0,0]}	(1,1,–1)	1,3,5
84	{[–1, 1, 1], [1, 0, 1], [0, 1, 0]}	{[–1,0,1]}	(1,1,–1)	1,3,6
85	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[–1,0,–1]}	(1,1,–1)	1,3,7
86	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,1,–1)	1, 4
87	{[–1, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1,1,0]}	(1,1,–1)	1,4,5
88	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,1,1]}	(1,1,–1)	1,4,6
89	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,1,–1]}	(1,1,–1)	1,4,7
90	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(1,1,–1)	1, 5
91	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[–1,1,0]}	(1,1,–1)	1,5,6
92	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[–1,–1,0]}	(1,1,–1)	1,5,7
93	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[0,–1,1]}	(1,1,–1)	1, 6
94	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,1,–1]}	(1,1,–1)	1,6,7
95	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(1,1,–1)	1, 7
96	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[0,0,1]}	(1,1,–1)	2,3,4
97	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[0,0,1]}	(1,1,–1)	2,3,6
98	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[0,0,–1]}	(1,1,–1)	2,3,7
99	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[0,1,0]}	(1,1,–1)	2,4,5
100	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[0,1,–1]}	(1,1,–1)	2,4,7
101	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[0,1,0]}	(1,1,–1)	2,5,6
102	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(1,1,–1)	2,5,7
103	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(1,1,–1)	2,6,7
104	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[0,1,0]}	(1,1,–1)	3,4,5
105	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[0,1,1]}	(1,1,–1)	3,4,6
106	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[0,0,1]}	(1,1,–1)	3,5,6
107	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[0,0,–1]}	(1,1,–1)	3,5,7
108	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(1,1,–1)	3,6,7
109	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[0,1,1]}	(1,1,–1)	4,5,6
110	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[0,1,–1]}	(1,1,–1)	4,5,7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
111	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1,1,–1]}	(1,1,–1)	4,6,7
112	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[0,–1,0]}	(1,–1,1)	1, 2
113	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,0,0]}	(1,–1,1)	1,2,3
114	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[–1,0,1]}	(1,–1,1)	1,2,4
115	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,0,0]}	(1,–1,1)	1,2,5
116	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[–1,0,–1]}	(1,–1,1)	1,2,6
117	{[–1, 1, 1], [1, 1, 0], [0, 0, 1]}	{[–1,0,1]}	(1,–1,1)	1,2,7
118	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[0,1,0]}	(1,–1,1)	1, 3
119	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[–1,0,1]}	(1,–1,1)	1,3,4
120	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,0,0]}	(1,–1,1)	1,3,5
121	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,0,–1]}	(1,–1,1)	1,3,6
122	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[–1,0,1]}	(1,–1,1)	1,3,7
123	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[0,1,1]}	(1,–1,1)	1, 4
124	{[–1, –1, 1], [1, 0, 0], [0, 1, 1]}	{[1,1,0]}	(1,–1,1)	1,4,5
125	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,1,–1]}	(1,–1,1)	1,4,6
126	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,1,1]}	(1,–1,1)	1,4,7
127	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,0]}	(1,–1,1)	1, 5
128	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[–1,–1,0]}	(1,–1,1)	1,5,6
129	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[–1,1,0]}	(1,–1,1)	1,5,7
130	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[0,1,–1]}	(1,–1,1)	1, 6
131	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1]}	(1,–1,1)	1,6,7
132	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(1,–1,1)	1, 7
133	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[0,0,1]}	(1,–1,1)	2,3,4
134	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[0,0,–1]}	(1,–1,1)	2,3,6
135	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[0,0,1]}	(1,–1,1)	2,3,7
136	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[0,1,0]}	(1,–1,1)	2,4,5
137	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[0,1,1]}	(1,–1,1)	2,4,7
138	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[0,–1,0]}	(1,–1,1)	2,5,6
139	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,0]}	(1,–1,1)	2,5,7
140	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(1,–1,1)	2,6,7
141	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[0,1,0]}	(1,–1,1)	3,4,5
142	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[0,1,–1]}	(1,–1,1)	3,4,6
143	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[0,0,–1]}	(1,–1,1)	3,5,6
144	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[0,0,1]}	(1,–1,1)	3,5,7
145	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(1,–1,1)	3,6,7
146	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[0,1,–1]}	(1,–1,1)	4,5,6
147	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[0,1,1]}	(1,–1,1)	4,5,7
148	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1,–1,1]}	(1,–1,1)	4,6,7
149	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[0,–1,0]}	(1,–1,–1)	1, 2
150	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[1,0,0]}	(1,–1,–1)	1,2,3
151	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[1,0,1]}	(1,–1,–1)	1,2,4
152	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[1,0,0]}	(1,–1,–1)	1,2,5
153	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[1,0,–1]}	(1,–1,–1)	1,2,6
154	{[–1, 1, –1], [1, 1, 0], [0, 0, 1]}	{[–1,0,–1]}	(1,–1,–1)	1,2,7
155	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[0,–1,0]}	(1,–1,–1)	1, 3
156	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[1,0,1]}	(1,–1,–1)	1,3,4
157	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[1,0,0]}	(1,–1,–1)	1,3,5
158	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[–1,0,–1]}	(1,–1,–1)	1,3,6
159	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[1,0,–1]}	(1,–1,–1)	1,3,7
160	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,–1,–1)	1, 4
161	{[–1, –1, –1], [1, 0, 0], [0, 1, –1]}	{[1,1,0]}	(1,–1,–1)	1,4,5
162	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[1,1,–1]}	(1,–1,–1)	1,4,6
163	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[1,1,–1]}	(1,–1,–1)	1,4,7
164	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(1,–1,–1)	1, 5
165	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[1,–1,0]}	(1,–1,–1)	1,5,6
166	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[1,–1,0]}	(1,–1,–1)	1,5,7
167	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[0,–1,–1]}	(1,–1,–1)	1, 6
168	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1]}	(1,–1,–1)	1,6,7
169	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(1,–1,–1)	1, 7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
170	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[0,0,1]}	(1,–1,–1)	2,3,4
171	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[0,0,–1]}	(1,–1,–1)	2,3,6
172	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[0,0,–1]}	(1,–1,–1)	2,3,7
173	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[0,1,0]}	(1,–1,–1)	2,4,5
174	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[0,1,–1]}	(1,–1,–1)	2,4,7
175	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[0,–1,0]}	(1,–1,–1)	2,5,6
176	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(1,–1,–1)	2,5,7
177	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(1,–1,–1)	2,6,7
178	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[0,1,0]}	(1,–1,–1)	3,4,5
179	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[0,1,–1]}	(1,–1,–1)	3,4,6
180	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[0,0,–1]}	(1,–1,–1)	3,5,6
181	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[0,0,–1]}	(1,–1,–1)	3,5,7
182	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(1,–1,–1)	3,6,7
183	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[0,1,–1]}	(1,–1,–1)	4,5,6
184	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[0,1,–1]}	(1,–1,–1)	4,5,7
185	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1]}	(1,–1,–1)	4,6,7
186	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[0,1,0]}	(–1,1,1)	1, 2
187	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[–1,0,0]}	(–1,1,1)	1,2,3
188	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[–1,0,–1]}	(–1,1,1)	1,2,4
189	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[–1,0,0]}	(–1,1,1)	1,2,5
190	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[–1,0,1]}	(–1,1,1)	1,2,6
191	{[–1, 1, –1], [1, 1, 0], [0, 0, 1]}	{[1,0,1]}	(–1,1,1)	1,2,7
192	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[0,1,0]}	(–1,1,1)	1, 3
193	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[–1,0,–1]}	(–1,1,1)	1,3,4
194	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[–1,0,0]}	(–1,1,1)	1,3,5
195	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[1,0,1]}	(–1,1,1)	1,3,6
196	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[–1,0,1]}	(–1,1,1)	1,3,7
197	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,1,1)	1, 4
198	{[–1, –1, –1], [1, 0, 0], [0, 1, –1]}	{[–1,–1,0]}	(–1,1,1)	1,4,5
199	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,–1,1]}	(–1,1,1)	1,4,6
200	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,–1,1]}	(–1,1,1)	1,4,7
201	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,0]}	(–1,1,1)	1, 5
202	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[–1,1,0]}	(–1,1,1)	1,5,6
203	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[–1,1,0]}	(–1,1,1)	1,5,7
204	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[0,1,1]}	(–1,1,1)	1, 6
205	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,1,1]}	(–1,1,1)	1,6,7
206	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(–1,1,1)	1, 7
207	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[0,0,–1]}	(–1,1,1)	2,3,4
208	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[0,0,1]}	(–1,1,1)	2,3,6
209	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[0,0,1]}	(–1,1,1)	2,3,7
210	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[0,–1,0]}	(–1,1,1)	2,4,5
211	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,1,1)	2,4,7
212	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[0,1,0]}	(–1,1,1)	2,5,6
213	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,0]}	(–1,1,1)	2,5,7
214	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(–1,1,1)	2,6,7
215	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[0,–1,0]}	(–1,1,1)	3,4,5
216	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[0,–1,1]}	(–1,1,1)	3,4,6
217	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[0,0,1]}	(–1,1,1)	3,5,6
218	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[0,0,1]}	(–1,1,1)	3,5,7
219	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(–1,1,1)	3,6,7
220	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[0,–1,1]}	(–1,1,1)	4,5,6
221	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,1,1)	4,5,7
222	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1,1,1]}	(–1,1,1)	4,6,7
223	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[0,1,0]}	(–1,1,–1)	1, 2
224	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[1,0,0]}	(–1,1,–1)	1,2,3
225	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[1,0,–1]}	(–1,1,–1)	1,2,4
226	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[1,0,0]}	(–1,1,–1)	1,2,5
227	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[1,0,1]}	(–1,1,–1)	1,2,6
228	{[–1, 1, 1], [1, 1, 0], [0, 0, 1]}	{[1,0,–1]}	(–1,1,–1)	1,2,7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
229	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[0,–1,0]}	(–1,1,–1)	1, 3
230	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[1,0,–1]}	(–1,1,–1)	1,3,4
231	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[1,0,0]}	(–1,1,–1)	1,3,5
232	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[1,0,1]}	(–1,1,–1)	1,3,6
233	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[1,0,–1]}	(–1,1,–1)	1,3,7
234	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[0,–1,–1]}	(–1,1,–1)	1, 4
235	{[–1, –1, 1], [1, 0, 0], [0, 1, 1]}	{[–1,–1,0]}	(–1,1,–1)	1,4,5
236	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[1,–1,1]}	(–1,1,–1)	1,4,6
237	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[1,–1,–1]}	(–1,1,–1)	1,4,7
238	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(–1,1,–1)	1, 5
239	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[1,1,0]}	(–1,1,–1)	1,5,6
240	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[1,–1,0]}	(–1,1,–1)	1,5,7
241	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[0,–1,1]}	(–1,1,–1)	1, 6
242	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[1,1,–1]}	(–1,1,–1)	1,6,7
243	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(–1,1,–1)	1, 7
244	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[0,0,–1]}	(–1,1,–1)	2,3,4
245	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[0,0,1]}	(–1,1,–1)	2,3,6
246	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[0,0,–1]}	(–1,1,–1)	2,3,7
247	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[0,–1,0]}	(–1,1,–1)	2,4,5
248	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,1,–1)	2,4,7
249	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[0,1,0]}	(–1,1,–1)	2,5,6
250	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(–1,1,–1)	2,5,7
251	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(–1,1,–1)	2,6,7
252	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[0,–1,0]}	(–1,1,–1)	3,4,5
253	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[0,–1,1]}	(–1,1,–1)	3,4,6
254	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[0,0,1]}	(–1,1,–1)	3,5,6
255	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[0,0,–1]}	(–1,1,–1)	3,5,7
256	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(–1,1,–1)	3,6,7
257	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[0,–1,1]}	(–1,1,–1)	4,5,6
258	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,1,–1)	4,5,7
259	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1,1,–1]}	(–1,1,–1)	4,6,7
260	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[0,–1,0]}	(–1,–1,1)	1, 2
261	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[1,0,0]}	(–1,–1,1)	1,2,3
262	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[1,0,–1]}	(–1,–1,1)	1,2,4
263	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[1,0,0]}	(–1,–1,1)	1,2,5
264	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[1,0,–1]}	(–1,–1,1)	1,2,6
265	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[1,0,1]}	(–1,–1,1)	1,2,7
266	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[0,1,0]}	(–1,–1,1)	1, 3
267	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[1,0,–1]}	(–1,–1,1)	1,3,4
268	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[1,0,0]}	(–1,–1,1)	1,3,5
269	{[–1, 1, 1], [1, 0, 1], [0, 1, 0]}	{[1,0,–1]}	(–1,–1,1)	1,3,6
270	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[1,0,1]}	(–1,–1,1)	1,3,7
271	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,–1,1)	1, 4
272	{[–1, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1,–1,0]}	(–1,–1,1)	1,4,5
273	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[1,–1,–1]}	(–1,–1,1)	1,4,6
274	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[1,–1,1]}	(–1,–1,1)	1,4,7
275	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,0]}	(–1,–1,1)	1, 5
276	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[1,–1,0]}	(–1,–1,1)	1,5,6
277	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[1,1,0]}	(–1,–1,1)	1,5,7
278	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[0,1,–1]}	(–1,–1,1)	1, 6
279	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[1,–1,1]}	(–1,–1,1)	1,6,7
280	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,–1,1)	1, 7
281	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[0,0,–1]}	(–1,–1,1)	2,3,4
282	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[0,0,–1]}	(–1,–1,1)	2,3,6
283	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[0,0,1]}	(–1,–1,1)	2,3,7
284	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[0,–1,0]}	(–1,–1,1)	2,4,5
285	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,–1,1)	2,4,7
286	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[0,–1,0]}	(–1,–1,1)	2,5,6
287	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,0]}	(–1,–1,1)	2,5,7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
288	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,–1,1)	2,6,7
289	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[0,–1,0]}	(–1,–1,1)	3,4,5
290	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[0,–1,–1]}	(–1,–1,1)	3,4,6
291	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[0,0,–1]}	(–1,–1,1)	3,5,6
292	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[0,0,1]}	(–1,–1,1)	3,5,7
293	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,–1,1)	3,6,7
294	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[0,–1,–1]}	(–1,–1,1)	4,5,6
295	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,–1,1)	4,5,7
296	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1]}	(–1,–1,1)	4,6,7
297	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[0,0,–1]}	(1,1,2)	1,2,3
298	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[0,0,1]}	(1,1,2)	1,2,4
299	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[0,0,–1]}	(1,1,2)	1,2,5
300	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[0,0,1]}	(1,1,2)	1,2,6
301	{[–1, –1, 1], [1, 0, –1], [1, 0, 0]}	{[0,–1,1]}	(1,1,2)	1,3,4
302	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[0,–1,–1]}	(1,1,2)	1,3,5
303	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[0,1,1]}	(1,1,2)	1,4,6
304	{[–1, –1, 1], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(1,1,2)	1,5,6
305	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[0,–1,1]}	(1,1,2)	2,3,4
306	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[0,–1,1]}	(1,1,2)	2,3,6
307	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[0,1,–1]}	(1,1,2)	2,4,5
308	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(1,1,2)	2,5,6
309	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[–1,1,–1]}	(1,1,2)	3,4,5
310	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[–1,1,1]}	(1,1,2)	3,4,6
311	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[–1,–1,1]}	(1,1,2)	3,5,6
312	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,1,1]}	(1,1,2)	4,5,6
313	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[0,–1,0]}	(1,2,1)	1,2,3
314	{[–1, 1, –1], [1, –1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,2,1)	1,2,4
315	{[–1, 1, –1], [1, –1, 0], [0, 1, –1]}	{[0,–1,1]}	(1,2,1)	1,2,5
316	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[0,0,1]}	(1,2,1)	1,3,4
317	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[0,0,1]}	(1,2,1)	1,3,5
318	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[0,0,1]}	(1,2,1)	1,3,7
319	{[–1, 1, –1], [1, 0, 0], [0, 0, 1]}	{[0,1,1]}	(1,2,1)	1,4,7
320	{[–1, 1, –1], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(1,2,1)	1,5,7
321	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[–1,0,1]}	(1,2,1)	2,3,4
322	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[–1,0,1]}	(1,2,1)	2,3,7
323	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[–1,1,1]}	(1,2,1)	2,4,5
324	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[–1,1,1]}	(1,2,1)	2,4,7
325	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[–1,1,1]}	(1,2,1)	2,5,7
326	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[0,1,1]}	(1,2,1)	3,4,5
327	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[0,1,1]}	(1,2,1)	3,5,7
328	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[1,1,1]}	(1,2,1)	4,5,7
329	{[–1, 1, 1], [1, –1, 0], [1, 0, –1]}	{[0,1,1]}	(2,1,1)	1,2,3
330	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[0,1,0]}	(2,1,1)	1,2,5
331	{[–1, 1, 1], [1, –1, 0], [0, 1, 0]}	{[0,1,1]}	(2,1,1)	1,2,6
332	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[0,1,0]}	(2,1,1)	1,3,5
333	{[–1, 1, 1], [1, 0, –1], [0, 0, 1]}	{[0,1,1]}	(2,1,1)	1,3,7
334	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[0,1,0]}	(2,1,1)	1,5,6
335	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[0,1,0]}	(2,1,1)	1,5,7
336	{[–1, 1, 1], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(2,1,1)	1,6,7
337	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[1,1,1]}	(2,1,1)	2,3,6
338	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[1,1,1]}	(2,1,1)	2,3,7
339	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[1,1,0]}	(2,1,1)	2,5,6
340	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[1,1,0]}	(2,1,1)	2,5,7
341	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[1,1,1]}	(2,1,1)	2,6,7
342	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[1,0,1]}	(2,1,1)	3,5,6
343	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[1,0,1]}	(2,1,1)	3,5,7
344	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1,1,1]}	(2,1,1)	3,6,7
345	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[0,0,1]}	(–1,–1,–2)	1,2,3
346	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[0,0,–1]}	(–1,–1,–2)	1,2,4

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
347	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[0,0,1]}	(–1,–1,–2)	1,2,5
348	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[0,0,–1]}	(–1,–1,–2)	1,2,6
349	{[–1, –1, 1], [1, 0, –1], [1, 0, 0]}	{[0,1,–1]}	(–1,–1,–2)	1,3,4
350	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[0,1,1]}	(–1,–1,–2)	1,3,5
351	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[0,–1,–1]}	(–1,–1,–2)	1,4,6
352	{[–1, –1, 1], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(–1,–1,–2)	1,5,6
353	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[0,1,–1]}	(–1,–1,–2)	2,3,4
354	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[0,1,–1]}	(–1,–1,–2)	2,3,6
355	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[0,–1,1]}	(–1,–1,–2)	2,4,5
356	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(–1,–1,–2)	2,5,6
357	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[1,–1,1]}	(–1,–1,–2)	3,4,5
358	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[1,–1,–1]}	(–1,–1,–2)	3,4,6
359	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[1,1,–1]}	(–1,–1,–2)	3,5,6
360	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[1,–1,–1]}	(–1,–1,–2)	4,5,6
361	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[0,1,0]}	(–1,–2,–1)	1,2,3
362	{[–1, 1, –1], [1, –1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,–2,–1)	1,2,4
363	{[–1, 1, –1], [1, –1, 0], [0, 1, –1]}	{[0,1,–1]}	(–1,–2,–1)	1,2,5
364	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[0,0,–1]}	(–1,–2,–1)	1,3,4
365	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[0,0,–1]}	(–1,–2,–1)	1,3,5
366	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[0,0,–1]}	(–1,–2,–1)	1,3,7
367	{[–1, 1, –1], [1, 0, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,–2,–1)	1,4,7
368	{[–1, 1, –1], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(–1,–2,–1)	1,5,7
369	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[1,0,–1]}	(–1,–2,–1)	2,3,4
370	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[1,0,–1]}	(–1,–2,–1)	2,3,7
371	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[1,–1,–1]}	(–1,–2,–1)	2,4,5
372	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[1,–1,–1]}	(–1,–2,–1)	2,4,7
373	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[1,–1,–1]}	(–1,–2,–1)	2,5,7
374	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[0,–1,–1]}	(–1,–2,–1)	3,4,5
375	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[0,–1,–1]}	(–1,–2,–1)	3,5,7
376	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,–1,–1]}	(–1,–2,–1)	4,5,7
377	{[–1, 1, 1], [1, –1, 0], [1, 0, –1]}	{[0,–1,–1]}	(–2,–1,–1)	1,2,3
378	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[0,–1,0]}	(–2,–1,–1)	1,2,5
379	{[–1, 1, 1], [1, –1, 0], [0, 1, 0]}	{[0,–1,–1]}	(–2,–1,–1)	1,2,6
380	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[0,–1,0]}	(–2,–1,–1)	1,3,5
381	{[–1, 1, 1], [1, 0, –1], [0, 0, 1]}	{[0,–1,–1]}	(–2,–1,–1)	1,3,7
382	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[0,–1,0]}	(–2,–1,–1)	1,5,6
383	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(–2,–1,–1)	1,5,7
384	{[–1, 1, 1], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(–2,–1,–1)	1,6,7
385	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[–1,–1,–1]}	(–2,–1,–1)	2,3,6
386	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[–1,–1,–1]}	(–2,–1,–1)	2,3,7
387	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[–1,–1,0]}	(–2,–1,–1)	2,5,6
388	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[–1,–1,0]}	(–2,–1,–1)	2,5,7
389	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[–1,–1,–1]}	(–2,–1,–1)	2,6,7
390	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[–1,0,–1]}	(–2,–1,–1)	3,5,6
391	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[–1,0,–1]}	(–2,–1,–1)	3,5,7
392	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,–1]}	(–2,–1,–1)	3,6,7
393	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[0,0,–1]}	(1,1,–2)	1,2,3
394	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[0,0,1]}	(1,1,–2)	1,2,4
395	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[0,0,–1]}	(1,1,–2)	1,2,5
396	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[0,0,1]}	(1,1,–2)	1,2,6
397	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,1,–2)	1,3,4
398	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[0,–1,–1]}	(1,1,–2)	1,3,5
399	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[0,1,1]}	(1,1,–2)	1,4,6
400	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(1,1,–2)	1,5,6
401	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,1,–2)	2,3,4
402	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[0,–1,1]}	(1,1,–2)	2,3,6
403	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[0,1,–1]}	(1,1,–2)	2,4,5
404	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(1,1,–2)	2,5,6
405	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[–1,1,–1]}	(1,1,–2)	3,4,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
406	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[–1,1,1]}	(1,1,–2)	3,4,6
407	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[–1,–1,1]}	(1,1,–2)	3,5,6
408	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[–1,1,1]}	(1,1,–2)	4,5,6
409	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[0,–1,0]}	(1,–2,1)	1,2,3
410	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,–2,1)	1,2,4
411	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[0,–1,–1]}	(1,–2,1)	1,2,5
412	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[0,0,1]}	(1,–2,1)	1,3,4
413	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[0,0,–1]}	(1,–2,1)	1,3,5
414	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[0,0,1]}	(1,–2,1)	1,3,7
415	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[0,1,1]}	(1,–2,1)	1,4,7
416	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(1,–2,1)	1,5,7
417	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[–1,0,1]}	(1,–2,1)	2,3,4
418	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[–1,0,1]}	(1,–2,1)	2,3,7
419	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[–1,1,–1]}	(1,–2,1)	2,4,5
420	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[–1,1,1]}	(1,–2,1)	2,4,7
421	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[–1,1,–1]}	(1,–2,1)	2,5,7
422	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[0,1,–1]}	(1,–2,1)	3,4,5
423	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[0,–1,1]}	(1,–2,1)	3,5,7
424	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,1,1]}	(1,–2,1)	4,5,7
425	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[0,–1,–1]}	(–2,1,1)	1,2,3
426	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[0,–1,0]}	(–2,1,1)	1,2,5
427	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[0,–1,1]}	(–2,1,1)	1,2,6
428	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(–2,1,1)	1,3,5
429	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[0,–1,1]}	(–2,1,1)	1,3,7
430	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[0,1,0]}	(–2,1,1)	1,5,6
431	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[0,1,0]}	(–2,1,1)	1,5,7
432	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[0,1,1]}	(–2,1,1)	1,6,7
433	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[–1,–1,1]}	(–2,1,1)	2,3,6
434	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[–1,–1,1]}	(–2,1,1)	2,3,7
435	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[–1,1,0]}	(–2,1,1)	2,5,6
436	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[–1,1,0]}	(–2,1,1)	2,5,7
437	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[–1,1,1]}	(–2,1,1)	2,6,7
438	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[–1,0,1]}	(–2,1,1)	3,5,6
439	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[–1,0,1]}	(–2,1,1)	3,5,7
440	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1,1,1]}	(–2,1,1)	3,6,7
441	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[0,0,1]}	(–1,–1,2)	1,2,3
442	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[0,0,–1]}	(–1,–1,2)	1,2,4
443	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[0,0,1]}	(–1,–1,2)	1,2,5
444	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[0,0,–1]}	(–1,–1,2)	1,2,6
445	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,–1,2)	1,3,4
446	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[0,1,1]}	(–1,–1,2)	1,3,5
447	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[0,–1,–1]}	(–1,–1,2)	1,4,6
448	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(–1,–1,2)	1,5,6
449	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,–1,2)	2,3,4
450	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[0,1,–1]}	(–1,–1,2)	2,3,6
451	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[0,–1,1]}	(–1,–1,2)	2,4,5
452	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(–1,–1,2)	2,5,6
453	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[1,–1,1]}	(–1,–1,2)	3,4,5
454	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[1,–1,–1]}	(–1,–1,2)	3,4,6
455	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[1,1,–1]}	(–1,–1,2)	3,5,6
456	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[1,–1,–1]}	(–1,–1,2)	4,5,6
457	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[0,1,0]}	(–1,2,–1)	1,2,3
458	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,2,–1)	1,2,4
459	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[0,1,1]}	(–1,2,–1)	1,2,5
460	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[0,0,–1]}	(–1,2,–1)	1,3,4
461	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[0,0,1]}	(–1,2,–1)	1,3,5
462	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[0,0,–1]}	(–1,2,–1)	1,3,7
463	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[0,–1,–1]}	(–1,2,–1)	1,4,7
464	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(–1,2,–1)	1,5,7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
465	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[1,0,–1]}	(–1,2,–1)	2,3,4
466	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[1,0,–1]}	(–1,2,–1)	2,3,7
467	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[1,–1,1]}	(–1,2,–1)	2,4,5
468	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[1,–1,–1]}	(–1,2,–1)	2,4,7
469	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[1,–1,1]}	(–1,2,–1)	2,5,7
470	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[0,–1,1]}	(–1,2,–1)	3,4,5
471	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[0,1,–1]}	(–1,2,–1)	3,5,7
472	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[1,–1,–1]}	(–1,2,–1)	4,5,7
473	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[0,1,1]}	(2,–1,–1)	1,2,3
474	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[0,1,0]}	(2,–1,–1)	1,2,5
475	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[0,1,–1]}	(2,–1,–1)	1,2,6
476	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[0,1,0]}	(2,–1,–1)	1,3,5
477	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[0,1,–1]}	(2,–1,–1)	1,3,7
478	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[0,–1,0]}	(2,–1,–1)	1,5,6
479	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(2,–1,–1)	1,5,7
480	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1]}	(2,–1,–1)	1,6,7
481	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[1,1,–1]}	(2,–1,–1)	2,3,6
482	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[1,1,–1]}	(2,–1,–1)	2,3,7
483	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[1,–1,0]}	(2,–1,–1)	2,5,6
484	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[1,–1,0]}	(2,–1,–1)	2,5,7
485	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1]}	(2,–1,–1)	2,6,7
486	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[1,0,–1]}	(2,–1,–1)	3,5,6
487	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[1,0,–1]}	(2,–1,–1)	3,5,7
488	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1]}	(2,–1,–1)	3,6,7
489	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[0,0,–1]}	(1,–1,2)	1,2,3
490	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[0,0,1]}	(1,–1,2)	1,2,4
491	{[–1, 1, 1], [1, 1, 0], [0, 1, 1]}	{[0,0,1]}	(1,–1,2)	1,2,5
492	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[0,0,–1]}	(1,–1,2)	1,2,6
493	{[–1, 1, 1], [1, 0, –1], [1, 0, 0]}	{[0,–1,1]}	(1,–1,2)	1,3,4
494	{[–1, 1, 1], [1, 0, –1], [0, 1, 1]}	{[0,–1,1]}	(1,–1,2)	1,3,5
495	{[–1, 1, 1], [1, 0, 0], [0, 1, 0]}	{[0,1,–1]}	(1,–1,2)	1,4,6
496	{[–1, 1, 1], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(1,–1,2)	1,5,6
497	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[0,–1,1]}	(1,–1,2)	2,3,4
498	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[0,–1,–1]}	(1,–1,2)	2,3,6
499	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[0,1,1]}	(1,–1,2)	2,4,5
500	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(1,–1,2)	2,5,6
501	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[–1,1,1]}	(1,–1,2)	3,4,5
502	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[–1,1,–1]}	(1,–1,2)	3,4,6
503	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[–1,1,–1]}	(1,–1,2)	3,5,6
504	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[1,1,–1]}	(1,–1,2)	4,5,6
505	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[0,–1,0]}	(1,2,–1)	1,2,3
506	{[–1, 1, 1], [1, –1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,2,–1)	1,2,4
507	{[–1, 1, 1], [1, –1, 0], [0, 1, 1]}	{[0,–1,1]}	(1,2,–1)	1,2,5
508	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[0,0,1]}	(1,2,–1)	1,3,4
509	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[0,0,1]}	(1,2,–1)	1,3,5
510	{[–1, 1, 1], [1, 0, 1], [0, 0, 1]}	{[0,0,–1]}	(1,2,–1)	1,3,7
511	{[–1, 1, 1], [1, 0, 0], [0, 0, 1]}	{[0,1,–1]}	(1,2,–1)	1,4,7
512	{[–1, 1, 1], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(1,2,–1)	1,5,7
513	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[–1,0,1]}	(1,2,–1)	2,3,4
514	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[–1,0,–1]}	(1,2,–1)	2,3,7
515	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[–1,1,1]}	(1,2,–1)	2,4,5
516	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[–1,1,–1]}	(1,2,–1)	2,4,7
517	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[–1,–1,1]}	(1,2,–1)	2,5,7
518	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[0,1,1]}	(1,2,–1)	3,4,5
519	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[0,1,–1]}	(1,2,–1)	3,5,7
520	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[1,1,–1]}	(1,2,–1)	4,5,7
521	{[–1, 1, –1], [1, –1, 0], [1, 0, 1]}	{[0,1,1]}	(2,1,–1)	1,2,3
522	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[0,1,0]}	(2,1,–1)	1,2,5
523	{[–1, 1, –1], [1, –1, 0], [0, 1, 0]}	{[0,1,1]}	(2,1,–1)	1,2,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
524	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[0,1,0]}	(2,1,–1)	1,3,5
525	{[–1, 1, –1], [1, 0, 1], [0, 0, 1]}	{[0,1,–1]}	(2,1,–1)	1,3,7
526	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[0,1,0]}	(2,1,–1)	1,5,6
527	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(2,1,–1)	1,5,7
528	{[–1, 1, –1], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(2,1,–1)	1,6,7
529	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[1,1,1]}	(2,1,–1)	2,3,6
530	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[1,1,–1]}	(2,1,–1)	2,3,7
531	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[1,1,0]}	(2,1,–1)	2,5,6
532	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[1,–1,0]}	(2,1,–1)	2,5,7
533	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[1,1,–1]}	(2,1,–1)	2,6,7
534	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[1,0,1]}	(2,1,–1)	3,5,6
535	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[1,0,–1]}	(2,1,–1)	3,5,7
536	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1,1,–1]}	(2,1,–1)	3,6,7
537	{[–1, –1, 1], [1, 1, 0], [1, 0, –1]}	{[0,1,1]}	(2,–1,1)	1,2,3
538	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[0,1,0]}	(2,–1,1)	1,2,5
539	{[–1, –1, 1], [1, 1, 0], [0, 1, 0]}	{[0,1,–1]}	(2,–1,1)	1,2,6
540	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[0,1,0]}	(2,–1,1)	1,3,5
541	{[–1, –1, 1], [1, 0, –1], [0, 0, 1]}	{[0,1,1]}	(2,–1,1)	1,3,7
542	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[0,–1,0]}	(2,–1,1)	1,5,6
543	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[0,1,0]}	(2,–1,1)	1,5,7
544	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(2,–1,1)	1,6,7
545	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[1,1,–1]}	(2,–1,1)	2,3,6
546	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[1,1,1]}	(2,–1,1)	2,3,7
547	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[1,–1,0]}	(2,–1,1)	2,5,6
548	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[1,1,0]}	(2,–1,1)	2,5,7
549	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[1,–1,1]}	(2,–1,1)	2,6,7
550	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[1,0,–1]}	(2,–1,1)	3,5,6
551	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[1,0,1]}	(2,–1,1)	3,5,7
552	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1,–1,1]}	(2,–1,1)	3,6,7
553	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[0,0,1]}	(–1,1,2)	1,2,3
554	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[0,0,–1]}	(–1,1,2)	1,2,4
555	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[0,0,–1]}	(–1,1,2)	1,2,5
556	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[0,0,1]}	(–1,1,2)	1,2,6
557	{[–1, 1, –1], [1, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,1,2)	1,3,4
558	{[–1, 1, –1], [1, 0, 1], [0, 1, –1]}	{[0,1,–1]}	(–1,1,2)	1,3,5
559	{[–1, 1, –1], [1, 0, 0], [0, 1, 0]}	{[0,–1,1]}	(–1,1,2)	1,4,6
560	{[–1, 1, –1], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(–1,1,2)	1,5,6
561	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,1,2)	2,3,4
562	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[0,1,1]}	(–1,1,2)	2,3,6
563	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[0,–1,–1]}	(–1,1,2)	2,4,5
564	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(–1,1,2)	2,5,6
565	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[1,–1,–1]}	(–1,1,2)	3,4,5
566	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[1,–1,1]}	(–1,1,2)	3,4,6
567	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[1,–1,1]}	(–1,1,2)	3,5,6
568	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,–1,1]}	(–1,1,2)	4,5,6
569	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[0,1,0]}	(–1,2,1)	1,2,3
570	{[–1, –1, 1], [1, 1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,2,1)	1,2,4
571	{[–1, –1, 1], [1, 1, 0], [0, 1, –1]}	{[0,1,1]}	(–1,2,1)	1,2,5
572	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[0,0,–1]}	(–1,2,1)	1,3,4
573	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[0,0,1]}	(–1,2,1)	1,3,5
574	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[0,0,1]}	(–1,2,1)	1,3,7
575	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,2,1)	1,4,7
576	{[–1, –1, 1], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(–1,2,1)	1,5,7
577	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[1,0,–1]}	(–1,2,1)	2,3,4
578	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[1,0,1]}	(–1,2,1)	2,3,7
579	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[1,–1,1]}	(–1,2,1)	2,4,5
580	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[1,–1,1]}	(–1,2,1)	2,4,7
581	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[1,1,1]}	(–1,2,1)	2,5,7
582	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[0,–1,1]}	(–1,2,1)	3,4,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
583	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[0,1,1]}	(–1,2,1)	3,5,7
584	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[1,–1,1]}	(–1,2,1)	4,5,7
585	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[0,0,1]}	(–1,1,–2)	1,2,3
586	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[0,0,–1]}	(–1,1,–2)	1,2,4
587	{[–1, 1, 1], [1, 1, 0], [0, 1, 1]}	{[0,0,–1]}	(–1,1,–2)	1,2,5
588	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[0,0,1]}	(–1,1,–2)	1,2,6
589	{[–1, 1, 1], [1, 0, –1], [1, 0, 0]}	{[0,1,–1]}	(–1,1,–2)	1,3,4
590	{[–1, 1, 1], [1, 0, –1], [0, 1, 1]}	{[0,1,–1]}	(–1,1,–2)	1,3,5
591	{[–1, 1, 1], [1, 0, 0], [0, 1, 0]}	{[0,–1,1]}	(–1,1,–2)	1,4,6
592	{[–1, 1, 1], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(–1,1,–2)	1,5,6
593	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[0,1,–1]}	(–1,1,–2)	2,3,4
594	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[0,1,1]}	(–1,1,–2)	2,3,6
595	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[0,–1,–1]}	(–1,1,–2)	2,4,5
596	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(–1,1,–2)	2,5,6
597	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[1,–1,–1]}	(–1,1,–2)	3,4,5
598	{[1, 0, –1], [1, 0, 0], [0, 1, 0]}	{[1,–1,1]}	(–1,1,–2)	3,4,6
599	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[1,–1,1]}	(–1,1,–2)	3,5,6
600	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[–1,–1,1]}	(–1,1,–2)	4,5,6
601	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[0,1,0]}	(–1,–2,1)	1,2,3
602	{[–1, 1, 1], [1, –1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,–2,1)	1,2,4
603	{[–1, 1, 1], [1, –1, 0], [0, 1, 1]}	{[0,1,–1]}	(–1,–2,1)	1,2,5
604	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[0,0,–1]}	(–1,–2,1)	1,3,4
605	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[0,0,–1]}	(–1,–2,1)	1,3,5
606	{[–1, 1, 1], [1, 0, 1], [0, 0, 1]}	{[0,0,1]}	(–1,–2,1)	1,3,7
607	{[–1, 1, 1], [1, 0, 0], [0, 0, 1]}	{[0,–1,1]}	(–1,–2,1)	1,4,7
608	{[–1, 1, 1], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(–1,–2,1)	1,5,7
609	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[1,0,–1]}	(–1,–2,1)	2,3,4
610	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[1,0,1]}	(–1,–2,1)	2,3,7
611	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[1,–1,–1]}	(–1,–2,1)	2,4,5
612	{[1, –1, 0], [1, 0, 0], [0, 0, 1]}	{[1,–1,1]}	(–1,–2,1)	2,4,7
613	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[1,1,–1]}	(–1,–2,1)	2,5,7
614	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[0,–1,–1]}	(–1,–2,1)	3,4,5
615	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[0,–1,1]}	(–1,–2,1)	3,5,7
616	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,–1,1]}	(–1,–2,1)	4,5,7
617	{[–1, 1, –1], [1, –1, 0], [1, 0, 1]}	{[0,–1,–1]}	(–2,–1,1)	1,2,3
618	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[0,–1,0]}	(–2,–1,1)	1,2,5
619	{[–1, 1, –1], [1, –1, 0], [0, 1, 0]}	{[0,–1,–1]}	(–2,–1,1)	1,2,6
620	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(–2,–1,1)	1,3,5
621	{[–1, 1, –1], [1, 0, 1], [0, 0, 1]}	{[0,–1,1]}	(–2,–1,1)	1,3,7
622	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[0,–1,0]}	(–2,–1,1)	1,5,6
623	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[0,1,0]}	(–2,–1,1)	1,5,7
624	{[–1, 1, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1,1]}	(–2,–1,1)	1,6,7
625	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[–1,–1,–1]}	(–2,–1,1)	2,3,6
626	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[–1,–1,1]}	(–2,–1,1)	2,3,7
627	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[–1,–1,0]}	(–2,–1,1)	2,5,6
628	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[–1,1,0]}	(–2,–1,1)	2,5,7
629	{[1, –1, 0], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1]}	(–2,–1,1)	2,6,7
630	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[–1,0,–1]}	(–2,–1,1)	3,5,6
631	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[–1,0,1]}	(–2,–1,1)	3,5,7
632	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1]}	(–2,–1,1)	3,6,7
633	{[–1, –1, 1], [1, 1, 0], [1, 0, –1]}	{[0,–1,–1]}	(–2,1,–1)	1,2,3
634	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[0,–1,0]}	(–2,1,–1)	1,2,5
635	{[–1, –1, 1], [1, 1, 0], [0, 1, 0]}	{[0,–1,1]}	(–2,1,–1)	1,2,6
636	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[0,–1,0]}	(–2,1,–1)	1,3,5
637	{[–1, –1, 1], [1, 0, –1], [0, 0, 1]}	{[0,–1,–1]}	(–2,1,–1)	1,3,7
638	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[0,1,0]}	(–2,1,–1)	1,5,6
639	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(–2,1,–1)	1,5,7
640	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[0,1,–1]}	(–2,1,–1)	1,6,7
641	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[–1,–1,1]}	(–2,1,–1)	2,3,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
642	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[–1,–1,–1]}	(–2,1,–1)	2,3,7
643	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[–1,1,0]}	(–2,1,–1)	2,5,6
644	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[–1,–1,0]}	(–2,1,–1)	2,5,7
645	{[1, 1, 0], [0, 1, 0], [0, 0, 1]}	{[–1,1,–1]}	(–2,1,–1)	2,6,7
646	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[–1,0,1]}	(–2,1,–1)	3,5,6
647	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[–1,0,–1]}	(–2,1,–1)	3,5,7
648	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1,1,–1]}	(–2,1,–1)	3,6,7
649	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[0,0,–1]}	(1,–1,–2)	1,2,3
650	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[0,0,1]}	(1,–1,–2)	1,2,4
651	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[0,0,1]}	(1,–1,–2)	1,2,5
652	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[0,0,–1]}	(1,–1,–2)	1,2,6
653	{[–1, 1, –1], [1, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,–1,–2)	1,3,4
654	{[–1, 1, –1], [1, 0, 1], [0, 1, –1]}	{[0,–1,1]}	(1,–1,–2)	1,3,5
655	{[–1, 1, –1], [1, 0, 0], [0, 1, 0]}	{[0,1,–1]}	(1,–1,–2)	1,4,6
656	{[–1, 1, –1], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(1,–1,–2)	1,5,6
657	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,–1,–2)	2,3,4
658	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[0,–1,–1]}	(1,–1,–2)	2,3,6
659	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[0,1,1]}	(1,–1,–2)	2,4,5
660	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(1,–1,–2)	2,5,6
661	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[–1,1,1]}	(1,–1,–2)	3,4,5
662	{[1, 0, 1], [1, 0, 0], [0, 1, 0]}	{[–1,1,–1]}	(1,–1,–2)	3,4,6
663	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[–1,1,–1]}	(1,–1,–2)	3,5,6
664	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[1,1,–1]}	(1,–1,–2)	4,5,6
665	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[0,–1,0]}	(1,–2,–1)	1,2,3
666	{[–1, –1, 1], [1, 1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,–2,–1)	1,2,4
667	{[–1, –1, 1], [1, 1, 0], [0, 1, –1]}	{[0,–1,–1]}	(1,–2,–1)	1,2,5
668	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[0,0,1]}	(1,–2,–1)	1,3,4
669	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[0,0,–1]}	(1,–2,–1)	1,3,5
670	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[0,0,–1]}	(1,–2,–1)	1,3,7
671	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[0,1,–1]}	(1,–2,–1)	1,4,7
672	{[–1, –1, 1], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(1,–2,–1)	1,5,7
673	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[–1,0,1]}	(1,–2,–1)	2,3,4
674	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[–1,0,–1]}	(1,–2,–1)	2,3,7
675	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[–1,1,–1]}	(1,–2,–1)	2,4,5
676	{[1, 1, 0], [1, 0, 0], [0, 0, 1]}	{[–1,1,–1]}	(1,–2,–1)	2,4,7
677	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[–1,–1,–1]}	(1,–2,–1)	2,5,7
678	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[0,1,–1]}	(1,–2,–1)	3,4,5
679	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[0,–1,–1]}	(1,–2,–1)	3,5,7
680	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,1,–1]}	(1,–2,–1)	4,5,7
681	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[1,0,1]}	(1,1,3)	1,2,4
682	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[1,0,1]}	(1,1,3)	1,2,6
683	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[1,1,1]}	(1,1,3)	1,4,6
684	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[1,0,1]}	(1,3,1)	1,3,4
685	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[1,0,1]}	(1,3,1)	1,3,7
686	{[–1, 1, –1], [1, 0, 0], [0, 0, 1]}	{[1,1,1]}	(1,3,1)	1,4,7
687	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[–1,1,0]}	(3,1,1)	1,5,6
688	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[–1,1,0]}	(3,1,1)	1,5,7
689	{[–1, 1, 1], [0, 1, 0], [0, 0, 1]}	{[–1,1,1]}	(3,1,1)	1,6,7
690	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[–1,0,–1]}	(–1,–1,–3)	1,2,4
691	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[–1,0,–1]}	(–1,–1,–3)	1,2,6
692	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[–1,–1,–1]}	(–1,–1,–3)	1,4,6
693	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[–1,0,–1]}	(–1,–3,–1)	1,3,4
694	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[–1,0,–1]}	(–1,–3,–1)	1,3,7
695	{[–1, 1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,–1,–1]}	(–1,–3,–1)	1,4,7
696	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[1,–1,0]}	(–3,–1,–1)	1,5,6
697	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[1,–1,0]}	(–3,–1,–1)	1,5,7
698	{[–1, 1, 1], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1]}	(–3,–1,–1)	1,6,7
699	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[1,0,1]}	(1,1,–3)	1,2,4
700	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[1,0,1]}	(1,1,–3)	1,2,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
701	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[1,1,1]}	(1,1,–3)	1,4,6
702	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[1,0,1]}	(1,–3,1)	1,3,4
703	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[1,0,1]}	(1,–3,1)	1,3,7
704	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[1,1,1]}	(1,–3,1)	1,4,7
705	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[1,1,0]}	(–3,1,1)	1,5,6
706	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[1,1,0]}	(–3,1,1)	1,5,7
707	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[1,1,1]}	(–3,1,1)	1,6,7
708	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[–1,0,–1]}	(–1,–1,3)	1,2,4
709	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[–1,0,–1]}	(–1,–1,3)	1,2,6
710	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,–1,–1]}	(–1,–1,3)	1,4,6
711	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[–1,0,–1]}	(–1,3,–1)	1,3,4
712	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[–1,0,–1]}	(–1,3,–1)	1,3,7
713	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,–1,–1]}	(–1,3,–1)	1,4,7
714	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[–1,–1,0]}	(3,–1,–1)	1,5,6
715	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[–1,–1,0]}	(3,–1,–1)	1,5,7
716	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,–1]}	(3,–1,–1)	1,6,7
717	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[1,0,1]}	(1,–1,3)	1,2,4
718	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[1,0,–1]}	(1,–1,3)	1,2,6
719	{[–1, 1, 1], [1, 0, 0], [0, 1, 0]}	{[1,1,–1]}	(1,–1,3)	1,4,6
720	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[1,0,1]}	(1,–1,–3)	1,2,4
721	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[1,0,–1]}	(1,–1,–3)	1,2,6
722	{[–1, 1, –1], [1, 0, 0], [0, 1, 0]}	{[1,1,–1]}	(1,–1,–3)	1,4,6
723	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[1,0,1]}	(1,3,–1)	1,3,4
724	{[–1, 1, 1], [1, 0, 1], [0, 0, 1]}	{[1,0,–1]}	(1,3,–1)	1,3,7
725	{[–1, 1, 1], [1, 0, 0], [0, 0, 1]}	{[1,1,–1]}	(1,3,–1)	1,4,7
726	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[1,0,1]}	(1,–3,–1)	1,3,4
727	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[1,0,–1]}	(1,–3,–1)	1,3,7
728	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[1,1,–1]}	(1,–3,–1)	1,4,7
729	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[–1,0,–1]}	(–1,1,–3)	1,2,4
730	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[–1,0,1]}	(–1,1,–3)	1,2,6
731	{[–1, 1, 1], [1, 0, 0], [0, 1, 0]}	{[–1,–1,1]}	(–1,1,–3)	1,4,6
732	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[–1,0,–1]}	(–1,1,3)	1,2,4
733	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[–1,0,1]}	(–1,1,3)	1,2,6
734	{[–1, 1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,–1,1]}	(–1,1,3)	1,4,6
735	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[–1,0,–1]}	(–1,3,1)	1,3,4
736	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[–1,0,1]}	(–1,3,1)	1,3,7
737	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,–1,1]}	(–1,3,1)	1,4,7
738	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[–1,0,–1]}	(–1,–3,1)	1,3,4
739	{[–1, 1, 1], [1, 0, 1], [0, 0, 1]}	{[–1,0,1]}	(–1,–3,1)	1,3,7
740	{[–1, 1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,–1,1]}	(–1,–3,1)	1,4,7
741	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[–1,1,0]}	(3,1,–1)	1,5,6
742	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[–1,–1,0]}	(3,1,–1)	1,5,7
743	{[–1, 1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,1,–1]}	(3,1,–1)	1,6,7
744	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[–1,–1,0]}	(3,–1,1)	1,5,6
745	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[–1,1,0]}	(3,–1,1)	1,5,7
746	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1]}	(3,–1,1)	1,6,7
747	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[1,1,0]}	(–3,1,–1)	1,5,6
748	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[1,–1,0]}	(–3,1,–1)	1,5,7
749	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[1,1,–1]}	(–3,1,–1)	1,6,7
750	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[1,–1,0]}	(–3,–1,1)	1,5,6
751	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[1,1,0]}	(–3,–1,1)	1,5,7
752	{[–1, 1, –1], [0, 1, 0], [0, 0, 1]}	{[1,–1,1]}	(–3,–1,1)	1,6,7
753	{[0, 1, –1], [1, 0, 0], [1, –1, 0]}	{[0,1,–1]}	(1,2,2)	1, 2
754	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[–1,–1,–1]}	(1,2,2)	1,2,3
755	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[–1,–1,1]}	(1,2,2)	1,2,4
756	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[–1,–1,0]}	(1,2,2)	1,2,5
757	{[0, 1, –1], [1, 0, 0], [1, 0, –1]}	{[0,1,–1]}	(1,2,2)	1, 3
758	{[–1, –1, 1], [1, 0, –1], [1, 0, 0]}	{[–1,–1,1]}	(1,2,2)	1,3,4
759	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[–1,–1,0]}	(1,2,2)	1,3,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
760	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[–1,–1,1]}	(1,2,2)	2,3,4
761	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[–1,1,0]}	(1,2,2)	2,4,5
762	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[–1,1,0]}	(1,2,2)	3,4,5
763	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[0,1,1]}	(2,1,2)	1, 2
764	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[–1,1,0]}	(2,1,2)	1,2,3
765	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[–1,1,–1]}	(2,1,2)	1,2,5
766	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[–1,1,1]}	(2,1,2)	1,2,6
767	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[–1,0,–1]}	(2,1,2)	1,3,5
768	{[1, 0, –1], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(2,1,2)	1, 5
769	{[–1, –1, 1], [0, 1, 0], [0, 1, –1]}	{[–1,1,–1]}	(2,1,2)	1,5,6
770	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[1,0,1]}	(2,1,2)	2,3,6
771	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[1,1,–1]}	(2,1,2)	2,5,6
772	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[0,–1,1]}	(2,1,2)	3,5,6
773	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,0,1]}	(2,2,1)	1,2,3
774	{[–1, 1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,0,1]}	(2,2,1)	1,2,5
775	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[0,1,1]}	(2,2,1)	1, 3
776	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,1,1]}	(2,2,1)	1,3,5
777	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[–1,1,1]}	(2,2,1)	1,3,7
778	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(2,2,1)	1, 5
779	{[–1, 1, –1], [0, 0, 1], [0, 1, –1]}	{[–1,1,1]}	(2,2,1)	1,5,7
780	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[0,1,1]}	(2,2,1)	2,3,7
781	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(2,2,1)	2,5,7
782	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[1,1,1]}	(2,2,1)	3,5,7
783	{[0, 1, –1], [1, 0, 0], [1, –1, 0]}	{[0,–1,1]}	(–1,–2,–2)	1, 2
784	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[1,1,1]}	(–1,–2,–2)	1,2,3
785	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[1,1,–1]}	(–1,–2,–2)	1,2,4
786	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[1,1,0]}	(–1,–2,–2)	1,2,5
787	{[0, 1, –1], [1, 0, 0], [1, 0, –1]}	{[0,–1,1]}	(–1,–2,–2)	1, 3
788	{[–1, –1, 1], [1, 0, –1], [1, 0, 0]}	{[1,1,–1]}	(–1,–2,–2)	1,3,4
789	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[1,1,0]}	(–1,–2,–2)	1,3,5
790	{[1, –1, 0], [1, 0, –1], [1, 0, 0]}	{[1,1,–1]}	(–1,–2,–2)	2,3,4
791	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[1,–1,0]}	(–1,–2,–2)	2,4,5
792	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[1,–1,0]}	(–1,–2,–2)	3,4,5
793	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[0,–1,–1]}	(–2,–1,–2)	1, 2
794	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[1,–1,0]}	(–2,–1,–2)	1,2,3
795	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[1,–1,1]}	(–2,–1,–2)	1,2,5
796	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[1,–1,–1]}	(–2,–1,–2)	1,2,6
797	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[1,0,1]}	(–2,–1,–2)	1,3,5
798	{[1, 0, –1], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(–2,–1,–2)	1, 5
799	{[–1, –1, 1], [0, 1, 0], [0, 1, –1]}	{[1,–1,1]}	(–2,–1,–2)	1,5,6
800	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[–1,0,–1]}	(–2,–1,–2)	2,3,6
801	{[1, –1, 0], [0, 1, 0], [0, 1, –1]}	{[–1,–1,1]}	(–2,–1,–2)	2,5,6
802	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[0,1,–1]}	(–2,–1,–2)	3,5,6
803	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[1,0,–1]}	(–2,–2,–1)	1,2,3
804	{[–1, 1, –1], [1, –1, 0], [0, 1, –1]}	{[1,0,–1]}	(–2,–2,–1)	1,2,5
805	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[0,–1,–1]}	(–2,–2,–1)	1, 3
806	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[1,–1,–1]}	(–2,–2,–1)	1,3,5
807	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[1,–1,–1]}	(–2,–2,–1)	1,3,7
808	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(–2,–2,–1)	1, 5
809	{[–1, 1, –1], [0, 0, 1], [0, 1, –1]}	{[1,–1,–1]}	(–2,–2,–1)	1,5,7
810	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[0,–1,–1]}	(–2,–2,–1)	2,3,7
811	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(–2,–2,–1)	2,5,7
812	{[1, 0, –1], [0, 1, –1], [0, 0, 1]}	{[–1,–1,–1]}	(–2,–2,–1)	3,5,7
813	{[0, 1, 1], [1, 0, 0], [1, –1, 0]}	{[0,1,–1]}	(1,2,–2)	1, 2
814	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[–1,–1,–1]}	(1,2,–2)	1,2,3
815	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[–1,–1,1]}	(1,2,–2)	1,2,4
816	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,–1,0]}	(1,2,–2)	1,2,5
817	{[0, 1, 1], [1, 0, 0], [1, 0, 1]}	{[0,1,–1]}	(1,2,–2)	1, 3
818	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[–1,–1,1]}	(1,2,–2)	1,3,4

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
819	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,0]}	(1,2,–2)	1,3,5
820	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[–1,–1,1]}	(1,2,–2)	2,3,4
821	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[–1,1,0]}	(1,2,–2)	2,4,5
822	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[–1,1,0]}	(1,2,–2)	3,4,5
823	{[0, 1, 1], [1, 0, 0], [1, 1, 0]}	{[0,1,–1]}	(1,–2,2)	1, 2
824	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,–1,–1]}	(1,–2,2)	1,2,3
825	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[–1,–1,1]}	(1,–2,2)	1,2,4
826	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,0]}	(1,–2,2)	1,2,5
827	{[0, 1, 1], [1, 0, 0], [1, 0, –1]}	{[0,1,–1]}	(1,–2,2)	1, 3
828	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[–1,–1,1]}	(1,–2,2)	1,3,4
829	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,–1,0]}	(1,–2,2)	1,3,5
830	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[–1,–1,1]}	(1,–2,2)	2,3,4
831	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[–1,1,0]}	(1,–2,2)	2,4,5
832	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[–1,1,0]}	(1,–2,2)	3,4,5
833	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[0,1,1]}	(2,1,–2)	1, 2
834	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[–1,1,0]}	(2,1,–2)	1,2,3
835	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,1,–1]}	(2,1,–2)	1,2,5
836	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[–1,1,1]}	(2,1,–2)	1,2,6
837	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[–1,0,–1]}	(2,1,–2)	1,3,5
838	{[1, 0, 1], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(2,1,–2)	1, 5
839	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[–1,1,–1]}	(2,1,–2)	1,5,6
840	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[1,0,1]}	(2,1,–2)	2,3,6
841	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[1,1,–1]}	(2,1,–2)	2,5,6
842	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[0,–1,1]}	(2,1,–2)	3,5,6
843	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,0,1]}	(2,–2,1)	1,2,3
844	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,0,–1]}	(2,–2,1)	1,2,5
845	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[0,1,1]}	(2,–2,1)	1, 3
846	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,1,–1]}	(2,–2,1)	1,3,5
847	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[–1,1,1]}	(2,–2,1)	1,3,7
848	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(2,–2,1)	1, 5
849	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[–1,1,–1]}	(2,–2,1)	1,5,7
850	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[0,1,1]}	(2,–2,1)	2,3,7
851	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(2,–2,1)	2,5,7
852	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[1,–1,1]}	(2,–2,1)	3,5,7
853	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[0,1,–1]}	(–2,1,2)	1, 2
854	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[–1,–1,0]}	(–2,1,2)	1,2,3
855	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,–1]}	(–2,1,2)	1,2,5
856	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[–1,–1,1]}	(–2,1,2)	1,2,6
857	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[–1,0,–1]}	(–2,1,2)	1,3,5
858	{[1, 0, 1], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(–2,1,2)	1, 5
859	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[–1,1,–1]}	(–2,1,2)	1,5,6
860	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[–1,0,1]}	(–2,1,2)	2,3,6
861	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[–1,1,–1]}	(–2,1,2)	2,5,6
862	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[0,–1,1]}	(–2,1,2)	3,5,6
863	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[–1,0,–1]}	(–2,2,1)	1,2,3
864	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[–1,0,1]}	(–2,2,1)	1,2,5
865	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[0,1,–1]}	(–2,2,1)	1, 3
866	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,1]}	(–2,2,1)	1,3,5
867	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[–1,–1,1]}	(–2,2,1)	1,3,7
868	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(–2,2,1)	1, 5
869	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[–1,1,1]}	(–2,2,1)	1,5,7
870	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[0,–1,1]}	(–2,2,1)	2,3,7
871	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(–2,2,1)	2,5,7
872	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[–1,1,1]}	(–2,2,1)	3,5,7
873	{[0, 1, 1], [1, 0, 0], [1, –1, 0]}	{[0,–1,1]}	(–1,–2,2)	1, 2
874	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[1,1,1]}	(–1,–2,2)	1,2,3
875	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[1,1,–1]}	(–1,–2,2)	1,2,4
876	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[1,1,0]}	(–1,–2,2)	1,2,5
877	{[0, 1, 1], [1, 0, 0], [1, 0, 1]}	{[0,–1,1]}	(–1,–2,2)	1, 3

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
878	{[–1, –1, –1], [1, 0, 1], [1, 0, 0]}	{[1,1,–1]}	(–1,–2,2)	1,3,4
879	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[1,1,0]}	(–1,–2,2)	1,3,5
880	{[1, –1, 0], [1, 0, 1], [1, 0, 0]}	{[1,1,–1]}	(–1,–2,2)	2,3,4
881	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[1,–1,0]}	(–1,–2,2)	2,4,5
882	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[1,–1,0]}	(–1,–2,2)	3,4,5
883	{[0, 1, 1], [1, 0, 0], [1, 1, 0]}	{[0,–1,1]}	(–1,2,–2)	1, 2
884	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[1,1,1]}	(–1,2,–2)	1,2,3
885	{[–1, –1, –1], [1, 1, 0], [1, 0, 0]}	{[1,1,–1]}	(–1,2,–2)	1,2,4
886	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[1,1,0]}	(–1,2,–2)	1,2,5
887	{[0, 1, 1], [1, 0, 0], [1, 0, –1]}	{[0,–1,1]}	(–1,2,–2)	1, 3
888	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[1,1,–1]}	(–1,2,–2)	1,3,4
889	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[1,1,0]}	(–1,2,–2)	1,3,5
890	{[1, 1, 0], [1, 0, –1], [1, 0, 0]}	{[1,1,–1]}	(–1,2,–2)	2,3,4
891	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[1,–1,0]}	(–1,2,–2)	2,4,5
892	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[1,–1,0]}	(–1,2,–2)	3,4,5
893	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[1,0,–1]}	(–2,2,–1)	1,2,3
894	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[1,0,1]}	(–2,2,–1)	1,2,5
895	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[0,–1,–1]}	(–2,2,–1)	1, 3
896	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[1,–1,1]}	(–2,2,–1)	1,3,5
897	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[1,–1,–1]}	(–2,2,–1)	1,3,7
898	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(–2,2,–1)	1, 5
899	{[–1, –1, –1], [0, 0, 1], [0, 1, 1]}	{[1,–1,1]}	(–2,2,–1)	1,5,7
900	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[0,–1,–1]}	(–2,2,–1)	2,3,7
901	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(–2,2,–1)	2,5,7
902	{[1, 0, –1], [0, 1, 1], [0, 0, 1]}	{[–1,1,–1]}	(–2,2,–1)	3,5,7
903	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[0,–1,1]}	(2,–1,–2)	1, 2
904	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[1,1,0]}	(2,–1,–2)	1,2,3
905	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[1,1,1]}	(2,–1,–2)	1,2,5
906	{[–1, –1, –1], [1, 1, 0], [0, 1, 0]}	{[1,1,–1]}	(2,–1,–2)	1,2,6
907	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[1,0,1]}	(2,–1,–2)	1,3,5
908	{[1, 0, 1], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(2,–1,–2)	1, 5
909	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[1,–1,1]}	(2,–1,–2)	1,5,6
910	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[1,0,–1]}	(2,–1,–2)	2,3,6
911	{[1, 1, 0], [0, 1, 0], [0, 1, –1]}	{[1,–1,1]}	(2,–1,–2)	2,5,6
912	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[0,1,–1]}	(2,–1,–2)	3,5,6
913	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[1,0,1]}	(2,–2,–1)	1,2,3
914	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[1,0,–1]}	(2,–2,–1)	1,2,5
915	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[0,–1,1]}	(2,–2,–1)	1, 3
916	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[1,1,–1]}	(2,–2,–1)	1,3,5
917	{[–1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[1,1,–1]}	(2,–2,–1)	1,3,7
918	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(2,–2,–1)	1, 5
919	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[1,–1,–1]}	(2,–2,–1)	1,5,7
920	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[0,1,–1]}	(2,–2,–1)	2,3,7
921	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(2,–2,–1)	2,5,7
922	{[1, 0, 1], [0, 1, –1], [0, 0, 1]}	{[1,–1,–1]}	(2,–2,–1)	3,5,7
923	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[0,–1,–1]}	(–2,–1,2)	1, 2
924	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[1,–1,0]}	(–2,–1,2)	1,2,3
925	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[1,–1,1]}	(–2,–1,2)	1,2,5
926	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[1,–1,–1]}	(–2,–1,2)	1,2,6
927	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[1,0,1]}	(–2,–1,2)	1,3,5
928	{[1, 0, 1], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(–2,–1,2)	1, 5
929	{[–1, –1, –1], [0, 1, 0], [0, 1, 1]}	{[1,–1,1]}	(–2,–1,2)	1,5,6
930	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[–1,0,–1]}	(–2,–1,2)	2,3,6
931	{[1, –1, 0], [0, 1, 0], [0, 1, 1]}	{[–1,–1,1]}	(–2,–1,2)	2,5,6
932	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[0,1,–1]}	(–2,–1,2)	3,5,6
933	{[0, 1, –1], [1, 0, 0], [1, 1, 0]}	{[0,1,–1]}	(1,–2,–2)	1, 2
934	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,–1,–1]}	(1,–2,–2)	1,2,3
935	{[–1, –1, 1], [1, 1, 0], [1, 0, 0]}	{[–1,–1,1]}	(1,–2,–2)	1,2,4
936	{[–1, –1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,0]}	(1,–2,–2)	1,2,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
937	{[0, 1, –1], [1, 0, 0], [1, 0, 1]}	{[0,1,–1]}	(1,–2,–2)	1, 3
938	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[–1,–1,1]}	(1,–2,–2)	1,3,4
939	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,0]}	(1,–2,–2)	1,3,5
940	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[–1,–1,1]}	(1,–2,–2)	2,3,4
941	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[–1,1,0]}	(1,–2,–2)	2,4,5
942	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[–1,1,0]}	(1,–2,–2)	3,4,5
943	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[0,1,–1]}	(–2,1,–2)	1, 2
944	{[–1, –1, 1], [1, 1, 0], [1, 0, –1]}	{[–1,–1,0]}	(–2,1,–2)	1,2,3
945	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,–1]}	(–2,1,–2)	1,2,5
946	{[–1, –1, 1], [1, 1, 0], [0, 1, 0]}	{[–1,–1,1]}	(–2,1,–2)	1,2,6
947	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[–1,0,–1]}	(–2,1,–2)	1,3,5
948	{[1, 0, –1], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(–2,1,–2)	1, 5
949	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[–1,1,–1]}	(–2,1,–2)	1,5,6
950	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[–1,0,1]}	(–2,1,–2)	2,3,6
951	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[–1,1,–1]}	(–2,1,–2)	2,5,6
952	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[0,–1,1]}	(–2,1,–2)	3,5,6
953	{[–1, 1, –1], [1, –1, 0], [1, 0, 1]}	{[–1,0,–1]}	(–2,–2,1)	1,2,3
954	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,0,–1]}	(–2,–2,1)	1,2,5
955	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[0,1,–1]}	(–2,–2,1)	1, 3
956	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,–1]}	(–2,–2,1)	1,3,5
957	{[–1, 1, –1], [1, 0, 1], [0, 0, 1]}	{[–1,–1,1]}	(–2,–2,1)	1,3,7
958	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(–2,–2,1)	1, 5
959	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[–1,1,–1]}	(–2,–2,1)	1,5,7
960	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[0,–1,1]}	(–2,–2,1)	2,3,7
961	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(–2,–2,1)	2,5,7
962	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[–1,–1,1]}	(–2,–2,1)	3,5,7
963	{[0, 1, –1], [1, 0, 0], [1, 1, 0]}	{[0,–1,1]}	(–1,2,2)	1, 2
964	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[1,1,1]}	(–1,2,2)	1,2,3
965	{[–1, –1, 1], [1, 1, 0], [1, 0, 0]}	{[1,1,–1]}	(–1,2,2)	1,2,4
966	{[–1, –1, 1], [1, 1, 0], [0, 1, –1]}	{[1,1,0]}	(–1,2,2)	1,2,5
967	{[0, 1, –1], [1, 0, 0], [1, 0, 1]}	{[0,–1,1]}	(–1,2,2)	1, 3
968	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[1,1,–1]}	(–1,2,2)	1,3,4
969	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[1,1,0]}	(–1,2,2)	1,3,5
970	{[1, 1, 0], [1, 0, 1], [1, 0, 0]}	{[1,1,–1]}	(–1,2,2)	2,3,4
971	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[1,–1,0]}	(–1,2,2)	2,4,5
972	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[1,–1,0]}	(–1,2,2)	3,4,5
973	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[0,–1,1]}	(2,–1,2)	1, 2
974	{[–1, –1, 1], [1, 1, 0], [1, 0, –1]}	{[1,1,0]}	(2,–1,2)	1,2,3
975	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[1,1,1]}	(2,–1,2)	1,2,5
976	{[–1, –1, 1], [1, 1, 0], [0, 1, 0]}	{[1,1,–1]}	(2,–1,2)	1,2,6
977	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[1,0,1]}	(2,–1,2)	1,3,5
978	{[1, 0, –1], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(2,–1,2)	1, 5
979	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[1,–1,1]}	(2,–1,2)	1,5,6
980	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[1,0,–1]}	(2,–1,2)	2,3,6
981	{[1, 1, 0], [0, 1, 0], [0, 1, 1]}	{[1,–1,1]}	(2,–1,2)	2,5,6
982	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[0,1,–1]}	(2,–1,2)	3,5,6
983	{[–1, 1, –1], [1, –1, 0], [1, 0, 1]}	{[1,0,1]}	(2,2,–1)	1,2,3
984	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[1,0,1]}	(2,2,–1)	1,2,5
985	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[0,–1,1]}	(2,2,–1)	1, 3
986	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[1,1,1]}	(2,2,–1)	1,3,5
987	{[–1, 1, –1], [1, 0, 1], [0, 0, 1]}	{[1,1,–1]}	(2,2,–1)	1,3,7
988	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(2,2,–1)	1, 5
989	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[1,–1,1]}	(2,2,–1)	1,5,7
990	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[0,1,–1]}	(2,2,–1)	2,3,7
991	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(2,2,–1)	2,5,7
992	{[1, 0, 1], [0, 1, 1], [0, 0, 1]}	{[1,1,–1]}	(2,2,–1)	3,5,7
993	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,2,3)	1,2,4
994	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[0,–1,–1]}	(1,2,3)	1,2,5
995	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[–1,1,–1]}	(1,2,3)	2,4,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
996	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[0,–1,1]}	(1,3,2)	1,3,4
997	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[0,–1,1]}	(1,3,2)	1,3,5
998	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[–1,1,1]}	(1,3,2)	3,4,5
999	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[0,1,–1]}	(2,1,3)	1,2,3
1000	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[0,1,1]}	(2,1,3)	1,2,6
1001	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[1,–1,1]}	(2,1,3)	2,3,6
1002	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[0,–1,1]}	(2,3,1)	1,2,3
1003	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[0,1,1]}	(2,3,1)	1,3,7
1004	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[–1,1,1]}	(2,3,1)	2,3,7
1005	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[0,1,–1]}	(3,1,2)	1,3,5
1006	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(3,1,2)	1,5,6
1007	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[1,–1,1]}	(3,1,2)	3,5,6
1008	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[0,1,1]}	(3,2,1)	1,2,5
1009	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(3,2,1)	1,5,7
1010	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[1,1,1]}	(3,2,1)	2,5,7
1011	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,–2,–3)	1,2,4
1012	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[0,1,1]}	(–1,–2,–3)	1,2,5
1013	{[1, –1, 0], [1, 0, 0], [0, 1, –1]}	{[1,–1,1]}	(–1,–2,–3)	2,4,5
1014	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[0,1,–1]}	(–1,–3,–2)	1,3,4
1015	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[0,1,–1]}	(–1,–3,–2)	1,3,5
1016	{[1, 0, –1], [1, 0, 0], [0, 1, –1]}	{[1,–1,–1]}	(–1,–3,–2)	3,4,5
1017	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[0,–1,1]}	(–2,–1,–3)	1,2,3
1018	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[0,–1,–1]}	(–2,–1,–3)	1,2,6
1019	{[1, –1, 0], [1, 0, –1], [0, 1, 0]}	{[–1,1,–1]}	(–2,–1,–3)	2,3,6
1020	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[0,1,–1]}	(–2,–3,–1)	1,2,3
1021	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[0,–1,–1]}	(–2,–3,–1)	1,3,7
1022	{[1, –1, 0], [1, 0, –1], [0, 0, 1]}	{[1,–1,–1]}	(–2,–3,–1)	2,3,7
1023	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[0,–1,1]}	(–3,–1,–2)	1,3,5
1024	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(–3,–1,–2)	1,5,6
1025	{[1, 0, –1], [0, 1, –1], [0, 1, 0]}	{[–1,1,–1]}	(–3,–1,–2)	3,5,6
1026	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[0,–1,–1]}	(–3,–2,–1)	1,2,5
1027	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(–3,–2,–1)	1,5,7
1028	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[–1,–1,–1]}	(–3,–2,–1)	2,5,7
1029	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,2,–3)	1,2,4
1030	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[0,–1,–1]}	(1,2,–3)	1,2,5
1031	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[–1,1,–1]}	(1,2,–3)	2,4,5
1032	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[0,–1,1]}	(1,–3,2)	1,3,4
1033	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[0,–1,–1]}	(1,–3,2)	1,3,5
1034	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[–1,1,–1]}	(1,–3,2)	3,4,5
1035	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[0,1,–1]}	(2,1,–3)	1,2,3
1036	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[0,1,1]}	(2,1,–3)	1,2,6
1037	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[1,–1,1]}	(2,1,–3)	2,3,6
1038	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[0,–1,1]}	(2,–3,1)	1,2,3
1039	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[0,1,1]}	(2,–3,1)	1,3,7
1040	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[–1,1,1]}	(2,–3,1)	2,3,7
1041	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(–3,1,2)	1,3,5
1042	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(–3,1,2)	1,5,6
1043	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[–1,–1,1]}	(–3,1,2)	3,5,6
1044	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(–3,2,1)	1,2,5
1045	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[0,1,1]}	(–3,2,1)	1,5,7
1046	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[–1,1,1]}	(–3,2,1)	2,5,7
1047	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,–2,3)	1,2,4
1048	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[0,1,1]}	(–1,–2,3)	1,2,5
1049	{[1, –1, 0], [1, 0, 0], [0, 1, 1]}	{[1,–1,1]}	(–1,–2,3)	2,4,5
1050	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[0,1,–1]}	(–1,3,–2)	1,3,4
1051	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[0,1,1]}	(–1,3,–2)	1,3,5
1052	{[1, 0, –1], [1, 0, 0], [0, 1, 1]}	{[1,–1,1]}	(–1,3,–2)	3,4,5
1053	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[0,–1,1]}	(–2,–1,3)	1,2,3
1054	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[0,–1,–1]}	(–2,–1,3)	1,2,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1055	{[1, –1, 0], [1, 0, 1], [0, 1, 0]}	{[–1,1,–1]}	(–2,–1,3)	2,3,6
1056	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[0,1,–1]}	(–2,3,–1)	1,2,3
1057	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[0,–1,–1]}	(–2,3,–1)	1,3,7
1058	{[1, 1, 0], [1, 0, –1], [0, 0, 1]}	{[1,–1,–1]}	(–2,3,–1)	2,3,7
1059	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[0,1,1]}	(3,–1,–2)	1,3,5
1060	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(3,–1,–2)	1,5,6
1061	{[1, 0, 1], [0, 1, –1], [0, 1, 0]}	{[1,1,–1]}	(3,–1,–2)	3,5,6
1062	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(3,–2,–1)	1,2,5
1063	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(3,–2,–1)	1,5,7
1064	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[1,–1,–1]}	(3,–2,–1)	2,5,7
1065	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,–2,3)	1,2,4
1066	{[–1, 1, 1], [1, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(1,–2,3)	1,2,5
1067	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[–1,1,1]}	(1,–2,3)	2,4,5
1068	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,3,–2)	1,3,4
1069	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(1,3,–2)	1,3,5
1070	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[–1,1,1]}	(1,3,–2)	3,4,5
1071	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[0,–1,1]}	(–2,1,3)	1,2,3
1072	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[0,–1,1]}	(–2,1,3)	1,2,6
1073	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[–1,1,1]}	(–2,1,3)	2,3,6
1074	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[0,1,–1]}	(–2,3,1)	1,2,3
1075	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[0,–1,1]}	(–2,3,1)	1,3,7
1076	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[1,–1,1]}	(–2,3,1)	2,3,7
1077	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(3,–2,1)	1,2,5
1078	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(3,–2,1)	1,5,7
1079	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[1,1,–1]}	(3,–2,1)	2,5,7
1080	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(3,1,–2)	1,3,5
1081	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(3,1,–2)	1,5,6
1082	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[1,–1,1]}	(3,1,–2)	3,5,6
1083	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,2,–3)	1,2,4
1084	{[1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(–1,2,–3)	1,2,5
1085	{[1, 1, 0], [1, 0, 0], [0, 1, 1]}	{[1,–1,–1]}	(–1,2,–3)	2,4,5
1086	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,–3,2)	1,3,4
1087	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(–1,–3,2)	1,3,5
1088	{[1, 0, 1], [1, 0, 0], [0, 1, 1]}	{[1,–1,–1]}	(–1,–3,2)	3,4,5
1089	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[0,1,–1]}	(2,–1,–3)	1,2,3
1090	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[0,1,–1]}	(2,–1,–3)	1,2,6
1091	{[1, 1, 0], [1, 0, 1], [0, 1, 0]}	{[1,–1,–1]}	(2,–1,–3)	2,3,6
1092	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[0,–1,1]}	(2,–3,–1)	1,2,3
1093	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[0,1,–1]}	(2,–3,–1)	1,3,7
1094	{[1, 1, 0], [1, 0, 1], [0, 0, 1]}	{[–1,1,–1]}	(2,–3,–1)	2,3,7
1095	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(–3,2,–1)	1,2,5
1096	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(–3,2,–1)	1,5,7
1097	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[–1,–1,1]}	(–3,2,–1)	2,5,7
1098	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(–3,–1,2)	1,3,5
1099	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(–3,–1,2)	1,5,6
1100	{[1, 0, 1], [0, 1, 1], [0, 1, 0]}	{[–1,1,–1]}	(–3,–1,2)	3,5,6
1101	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[0,–1,1]}	(1,–2,–3)	1,2,4
1102	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[0,–1,1]}	(1,–2,–3)	1,2,5
1103	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[–1,1,1]}	(1,–2,–3)	2,4,5
1104	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[0,–1,1]}	(1,–3,–2)	1,3,4
1105	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[0,–1,–1]}	(1,–3,–2)	1,3,5
1106	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[–1,1,–1]}	(1,–3,–2)	3,4,5
1107	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[0,1,–1]}	(–2,–3,1)	1,2,3
1108	{[1, –1, –1], [1, 0, 1], [0, 0, 1]}	{[0,–1,1]}	(–2,–3,1)	1,3,7
1109	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[1,–1,1]}	(–2,–3,1)	2,3,7
1110	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[0,–1,1]}	(–2,1,–3)	1,2,3
1111	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[0,–1,1]}	(–2,1,–3)	1,2,6
1112	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[–1,1,1]}	(–2,1,–3)	2,3,6
1113	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[0,–1,–1]}	(–3,–2,1)	1,2,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1114	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[0,1,–1]}	(–3,–2,1)	1,5,7
1115	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[–1,1,–1]}	(–3,–2,1)	2,5,7
1116	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[0,–1,–1]}	(–3,1,–2)	1,3,5
1117	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[0,1,–1]}	(–3,1,–2)	1,5,6
1118	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[–1,–1,1]}	(–3,1,–2)	3,5,6
1119	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[0,1,–1]}	(–1,2,3)	1,2,4
1120	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[0,1,–1]}	(–1,2,3)	1,2,5
1121	{[1, 1, 0], [1, 0, 0], [0, 1, –1]}	{[1,–1,–1]}	(–1,2,3)	2,4,5
1122	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[0,1,–1]}	(–1,3,2)	1,3,4
1123	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[0,1,1]}	(–1,3,2)	1,3,5
1124	{[1, 0, 1], [1, 0, 0], [0, 1, –1]}	{[1,–1,1]}	(–1,3,2)	3,4,5
1125	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[0,1,–1]}	(2,–1,3)	1,2,3
1126	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[0,1,–1]}	(2,–1,3)	1,2,6
1127	{[1, 1, 0], [1, 0, –1], [0, 1, 0]}	{[1,–1,–1]}	(2,–1,3)	2,3,6
1128	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[0,–1,1]}	(2,3,–1)	1,2,3
1129	{[–1, 1, 1], [1, 0, 1], [0, 0, 1]}	{[0,1,–1]}	(2,3,–1)	1,3,7
1130	{[1, –1, 0], [1, 0, 1], [0, 0, 1]}	{[–1,1,–1]}	(2,3,–1)	2,3,7
1131	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[0,1,1]}	(3,–1,2)	1,3,5
1132	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[0,–1,1]}	(3,–1,2)	1,5,6
1133	{[1, 0, –1], [0, 1, 1], [0, 1, 0]}	{[1,1,–1]}	(3,–1,2)	3,5,6
1134	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[0,1,1]}	(3,2,–1)	1,2,5
1135	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[0,–1,1]}	(3,2,–1)	1,5,7
1136	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[1,–1,1]}	(3,2,–1)	2,5,7
1137	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[1,–1,1]}	(1,2,4)	1,2,4
1138	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[1,–1,1]}	(1,4,2)	1,3,4
1139	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[1,1,1]}	(2,1,4)	1,2,6
1140	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[1,1,1]}	(2,4,1)	1,3,7
1141	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[–1,1,1]}	(4,2,1)	1,5,7
1142	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[–1,1,–1]}	(4,1,2)	1,5,6
1143	{[–1, –1, 1], [1, –1, 0], [1, 0, 0]}	{[–1,1,–1]}	(–1,–2,–4)	1,2,4
1144	{[–1, 1, –1], [1, 0, –1], [1, 0, 0]}	{[–1,1,–1]}	(–1,–4,–2)	1,3,4
1145	{[–1, –1, 1], [1, –1, 0], [0, 1, 0]}	{[–1,–1,–1]}	(–2,–1,–4)	1,2,6
1146	{[–1, 1, –1], [1, 0, –1], [0, 0, 1]}	{[–1,–1,–1]}	(–2,–4,–1)	1,3,7
1147	{[–1, 1, 1], [0, 0, 1], [0, 1, –1]}	{[1,–1,–1]}	(–4,–2,–1)	1,5,7
1148	{[–1, 1, 1], [0, 1, 0], [0, 1, –1]}	{[1,–1,1]}	(–4,–1,–2)	1,5,6
1149	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[1,–1,1]}	(1,2,–4)	1,2,4
1150	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[1,–1,1]}	(1,–4,2)	1,3,4
1151	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[1,1,1]}	(2,1,–4)	1,2,6
1152	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[1,1,1]}	(2,–4,1)	1,3,7
1153	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[1,1,–1]}	(–4,1,2)	1,5,6
1154	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[1,1,1]}	(–4,2,1)	1,5,7
1155	{[–1, –1, –1], [1, –1, 0], [1, 0, 0]}	{[–1,1,–1]}	(–1,–2,4)	1,2,4
1156	{[–1, –1, –1], [1, 0, –1], [1, 0, 0]}	{[–1,1,–1]}	(–1,4,–2)	1,3,4
1157	{[–1, –1, –1], [1, –1, 0], [0, 1, 0]}	{[–1,–1,–1]}	(–2,–1,4)	1,2,6
1158	{[–1, –1, –1], [1, 0, –1], [0, 0, 1]}	{[–1,–1,–1]}	(–2,4,–1)	1,3,7
1159	{[–1, –1, –1], [0, 1, 0], [0, 1, –1]}	{[–1,–1,1]}	(4,–1,–2)	1,5,6
1160	{[–1, –1, –1], [0, 0, 1], [0, 1, –1]}	{[–1,–1,–1]}	(4,–2,–1)	1,5,7
1161	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[1,–1,1]}	(1,–2,4)	1,2,4
1162	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[1,–1,1]}	(1,4,–2)	1,3,4
1163	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[–1,–1,1]}	(–2,1,4)	1,2,6
1164	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[–1,–1,1]}	(–2,4,1)	1,3,7
1165	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[–1,1,–1]}	(4,1,–2)	1,5,6
1166	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[–1,1,–1]}	(4,–2,1)	1,5,7
1167	{[–1, 1, 1], [1, 1, 0], [1, 0, 0]}	{[–1,1,–1]}	(–1,2,–4)	1,2,4
1168	{[–1, 1, 1], [1, 0, 1], [1, 0, 0]}	{[–1,1,–1]}	(–1,–4,2)	1,3,4
1169	{[–1, 1, –1], [1, 1, 0], [0, 1, 0]}	{[1,1,–1]}	(2,–1,–4)	1,2,6
1170	{[–1, –1, 1], [1, 0, 1], [0, 0, 1]}	{[1,1,–1]}	(2,–4,–1)	1,3,7
1171	{[–1, 1, –1], [0, 1, 0], [0, 1, 1]}	{[1,–1,1]}	(–4,–1,2)	1,5,6
1172	{[–1, –1, 1], [0, 0, 1], [0, 1, 1]}	{[1,–1,1]}	(–4,2,–1)	1,5,7

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1173	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[1,–1,1]}	(1,–2,–4)	1,2,4
1174	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[1,–1,1]}	(1,–4,–2)	1,3,4
1175	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[–1,–1,1]}	(–2,1,–4)	1,2,6
1176	{[–1, 1, 1], [1, 0, 1], [0, 0, 1]}	{[–1,–1,1]}	(–2,–4,1)	1,3,7
1177	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[1,1,–1]}	(–4,–2,1)	1,5,7
1178	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[1,1,–1]}	(–4,1,–2)	1,5,6
1179	{[–1, –1, 1], [0, 1, 0], [0, 1, 1]}	{[–1,–1,1]}	(4,–1,2)	1,5,6
1180	{[–1, 1, –1], [0, 0, 1], [0, 1, 1]}	{[–1,–1,1]}	(4,2,–1)	1,5,7
1181	{[–1, 1, –1], [1, 1, 0], [1, 0, 0]}	{[–1,1,–1]}	(–1,2,4)	1,2,4
1182	{[–1, –1, 1], [1, 0, 1], [1, 0, 0]}	{[–1,1,–1]}	(–1,4,2)	1,3,4
1183	{[–1, 1, 1], [1, 1, 0], [0, 1, 0]}	{[1,1,–1]}	(2,–1,4)	1,2,6
1184	{[–1, 1, 1], [1, 0, 1], [0, 0, 1]}	{[1,1,–1]}	(2,4,–1)	1,3,7
1185	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[–1,0,–1]}	(2,2,3)	1,2,3
1186	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[–1,0,–1]}	(2,2,3)	1,2,5
1187	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[–1,–1,–1]}	(2,2,3)	1,3,5
1188	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,–1,0]}	(2,3,2)	1,2,3
1189	{[–1, 1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,–1,1]}	(2,3,2)	1,2,5
1190	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,0,1]}	(2,3,2)	1,3,5
1191	{[–1, 1, 1], [1, –1, 0], [1, 0, –1]}	{[1,1,1]}	(3,2,2)	1,2,3
1192	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[1,1,0]}	(3,2,2)	1,2,5
1193	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[1,1,0]}	(3,2,2)	1,3,5
1194	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[1,0,1]}	(–2,–2,–3)	1,2,3
1195	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[1,0,1]}	(–2,–2,–3)	1,2,5
1196	{[–1, –1, 1], [1, 0, –1], [0, 1, –1]}	{[1,1,1]}	(–2,–2,–3)	1,3,5
1197	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[1,1,0]}	(–2,–3,–2)	1,2,3
1198	{[–1, 1, –1], [1, –1, 0], [0, 1, –1]}	{[1,1,–1]}	(–2,–3,–2)	1,2,5
1199	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[1,0,–1]}	(–2,–3,–2)	1,3,5
1200	{[–1, 1, 1], [1, –1, 0], [1, 0, –1]}	{[–1,–1,–1]}	(–3,–2,–2)	1,2,3
1201	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[–1,–1,0]}	(–3,–2,–2)	1,2,5
1202	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[–1,–1,0]}	(–3,–2,–2)	1,3,5
1203	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[–1,0,–1]}	(2,2,–3)	1,2,3
1204	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,0,–1]}	(2,2,–3)	1,2,5
1205	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,–1]}	(2,2,–3)	1,3,5
1206	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,–1,0]}	(2,–3,2)	1,2,3
1207	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,–1]}	(2,–3,2)	1,2,5
1208	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,0,–1]}	(2,–3,2)	1,3,5
1209	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[1,0,1]}	(–2,–2,3)	1,2,3
1210	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[1,0,1]}	(–2,–2,3)	1,2,5
1211	{[–1, –1, –1], [1, 0, 1], [0, 1, 1]}	{[1,1,1]}	(–2,–2,3)	1,3,5
1212	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[1,1,0]}	(–2,3,–2)	1,2,3
1213	{[–1, –1, –1], [1, 1, 0], [0, 1, 1]}	{[1,1,1]}	(–2,3,–2)	1,2,5
1214	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[1,0,1]}	(–2,3,–2)	1,3,5
1215	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[1,1,1]}	(3,–2,–2)	1,2,3
1216	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[1,1,0]}	(3,–2,–2)	1,2,5
1217	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[1,1,0]}	(3,–2,–2)	1,3,5
1218	{[–1, –1, –1], [1, 1, 0], [1, 0, 1]}	{[–1,–1,–1]}	(–3,2,2)	1,2,3
1219	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,0]}	(–3,2,2)	1,2,5
1220	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,0]}	(–3,2,2)	1,3,5
1221	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[–1,0,–1]}	(2,–2,–3)	1,2,3
1222	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[–1,0,1]}	(2,–2,–3)	1,2,5
1223	{[–1, 1, –1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,1]}	(2,–2,–3)	1,3,5
1224	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[–1,0,–1]}	(2,–2,3)	1,2,3
1225	{[–1, 1, 1], [1, 1, 0], [0, 1, 1]}	{[–1,0,1]}	(2,–2,3)	1,2,5
1226	{[–1, 1, 1], [1, 0, –1], [0, 1, 1]}	{[–1,–1,1]}	(2,–2,3)	1,3,5
1227	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,–1,0]}	(2,3,–2)	1,2,3
1228	{[–1, 1, 1], [1, –1, 0], [0, 1, 1]}	{[–1,–1,1]}	(2,3,–2)	1,2,5
1229	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,0,1]}	(2,3,–2)	1,3,5
1230	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,–1,0]}	(2,–3,–2)	1,2,3
1231	{[–1, –1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,–1]}	(2,–3,–2)	1,2,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1232	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,0,–1]}	(2,–3,–2)	1,3,5
1233	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[1,0,1]}	(–2,2,3)	1,2,3
1234	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[1,0,–1]}	(–2,2,3)	1,2,5
1235	{[–1, 1, –1], [1, 0, 1], [0, 1, –1]}	{[1,1,–1]}	(–2,2,3)	1,3,5
1236	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[1,0,1]}	(–2,2,–3)	1,2,3
1237	{[–1, 1, 1], [1, 1, 0], [0, 1, 1]}	{[1,0,–1]}	(–2,2,–3)	1,2,5
1238	{[–1, 1, 1], [1, 0, –1], [0, 1, 1]}	{[1,1,–1]}	(–2,2,–3)	1,3,5
1239	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[1,1,0]}	(–2,3,2)	1,2,3
1240	{[–1, –1, 1], [1, 1, 0], [0, 1, –1]}	{[1,1,1]}	(–2,3,2)	1,2,5
1241	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[1,0,1]}	(–2,3,2)	1,3,5
1242	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[1,1,0]}	(–2,–3,2)	1,2,3
1243	{[–1, 1, 1], [1, –1, 0], [0, 1, 1]}	{[1,1,–1]}	(–2,–3,2)	1,2,5
1244	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[1,0,–1]}	(–2,–3,2)	1,3,5
1245	{[–1, 1, –1], [1, –1, 0], [1, 0, 1]}	{[1,1,1]}	(3,2,–2)	1,2,3
1246	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[1,1,0]}	(3,2,–2)	1,2,5
1247	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[1,1,0]}	(3,2,–2)	1,3,5
1248	{[–1, –1, 1], [1, 1, 0], [1, 0, –1]}	{[1,1,1]}	(3,–2,2)	1,2,3
1249	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[1,1,0]}	(3,–2,2)	1,2,5
1250	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[1,1,0]}	(3,–2,2)	1,3,5
1251	{[–1, –1, 1], [1, 1, 0], [1, 0, –1]}	{[–1,–1,–1]}	(–3,2,–2)	1,2,3
1252	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,0]}	(–3,2,–2)	1,2,5
1253	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[–1,–1,0]}	(–3,2,–2)	1,3,5
1254	{[–1, 1, –1], [1, –1, 0], [1, 0, 1]}	{[–1,–1,–1]}	(–3,–2,2)	1,2,3
1255	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,–1,0]}	(–3,–2,2)	1,2,5
1256	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,0]}	(–3,–2,2)	1,3,5
1257	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[–1,–1,–1]}	(2,3,4)	1,2,5
1258	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,–1,1]}	(2,4,3)	1,3,5
1259	{[–1, –1, 1], [1, –1, 0], [0, 1, –1]}	{[1,1,1]}	(–2,–3,–4)	1,2,5
1260	{[–1, 1, –1], [1, 0, –1], [0, 1, –1]}	{[1,1,–1]}	(–2,–4,–3)	1,3,5
1261	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[–1,1,–1]}	(3,2,4)	1,2,3
1262	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,–1,1]}	(3,4,2)	1,2,3
1263	{[–1, –1, 1], [1, –1, 0], [1, 0, –1]}	{[1,–1,1]}	(–3,–2,–4)	1,2,3
1264	{[–1, 1, –1], [1, –1, 0], [1, 0, –1]}	{[1,1,–1]}	(–3,–4,–2)	1,2,3
1265	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[1,1,–1]}	(4,2,3)	1,3,5
1266	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[1,1,1]}	(4,3,2)	1,2,5
1267	{[–1, 1, 1], [1, 0, –1], [0, 1, –1]}	{[–1,–1,1]}	(–4,–2,–3)	1,3,5
1268	{[–1, 1, 1], [1, –1, 0], [0, 1, –1]}	{[–1,–1,–1]}	(–4,–3,–2)	1,2,5
1269	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,–1,–1]}	(2,3,–4)	1,2,5
1270	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,–1,–1]}	(2,–4,3)	1,3,5
1271	{[–1, –1, –1], [1, –1, 0], [0, 1, 1]}	{[1,1,1]}	(–2,–3,4)	1,2,5
1272	{[–1, –1, –1], [1, 0, –1], [0, 1, 1]}	{[1,1,1]}	(–2,4,–3)	1,3,5
1273	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[–1,1,–1]}	(3,2,–4)	1,2,3
1274	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,–1,1]}	(3,–4,2)	1,2,3
1275	{[–1, –1, –1], [1, –1, 0], [1, 0, 1]}	{[1,–1,1]}	(–3,–2,4)	1,2,3
1276	{[–1, –1, –1], [1, 1, 0], [1, 0, –1]}	{[1,1,–1]}	(–3,4,–2)	1,2,3
1277	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[1,1,1]}	(4,–2,–3)	1,3,5
1278	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[1,1,–1]}	(4,–3,–2)	1,2,5
1279	{[–1, –1, –1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,–1]}	(–4,2,3)	1,3,5
1280	{[–1, –1, –1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,1]}	(–4,3,2)	1,2,5
1281	{[–1, 1, 1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,1]}	(2,–3,4)	1,2,5
1282	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,1]}	(2,4,–3)	1,3,5
1283	{[–1, 1, 1], [1, 1, 0], [0, 1, 1]}	{[1,1,–1]}	(–2,3,–4)	1,2,5
1284	{[–1, 1, 1], [1, 0, 1], [0, 1, 1]}	{[1,1,–1]}	(–2,–4,3)	1,3,5
1285	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[1,–1,1]}	(–3,2,4)	1,2,3
1286	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[1,1,–1]}	(–3,4,2)	1,2,3
1287	{[–1, 1, –1], [1, 1, 0], [1, 0, 1]}	{[–1,1,–1]}	(3,–2,–4)	1,2,3
1288	{[–1, –1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,–1,1]}	(3,–4,–2)	1,2,3
1289	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[1,1,–1]}	(4,2,–3)	1,3,5
1290	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[1,1,–1]}	(4,–3,2)	1,2,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1291	{[–1, 1, –1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,1]}	(–4,–2,3)	1,3,5
1292	{[–1, –1, 1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,1]}	(–4,3,–2)	1,2,5
1293	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,1]}	(2,–3,–4)	1,2,5
1294	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,–1]}	(2,–4,–3)	1,3,5
1295	{[–1, 1, –1], [1, 1, 0], [0, 1, –1]}	{[1,1,–1]}	(–2,3,4)	1,2,5
1296	{[–1, –1, 1], [1, 0, 1], [0, 1, –1]}	{[1,1,1]}	(–2,4,3)	1,3,5
1297	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[–1,1,–1]}	(3,–2,4)	1,2,3
1298	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,–1,1]}	(3,4,–2)	1,2,3
1299	{[–1, 1, 1], [1, 1, 0], [1, 0, –1]}	{[1,–1,1]}	(–3,2,–4)	1,2,3
1300	{[–1, 1, 1], [1, –1, 0], [1, 0, 1]}	{[1,1,–1]}	(–3,–4,2)	1,2,3
1301	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[1,1,1]}	(4,–2,3)	1,3,5
1302	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[1,1,1]}	(4,3,–2)	1,2,5
1303	{[–1, –1, 1], [1, 0, –1], [0, 1, 1]}	{[–1,–1,–1]}	(–4,2,–3)	1,3,5
1304	{[–1, 1, –1], [1, –1, 0], [0, 1, 1]}	{[–1,–1,–1]}	(–4,–3,2)	1,2,5
1305	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,1/2,1]}	(1,1/2,1/2)	1, 4
1306	{[–1, –1, 1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1,1,1/2,1/2]}	(1,1/2,1/2)	1,4,5
1307	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[–1,1/2,1/2]}	(1,1/2,1/2)	1, 5
1308	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,1/2,1]}	(1,1/2,1/2)	4, 5
1309	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,–1/2,–1]}	(–1,–1/2,–1/2)	1, 4
1310	{[–1, –1, 1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1/2,–1/2]}	(–1,–1/2,–1/2)	1,4,5
1311	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[1,–1/2,–1/2]}	(–1,–1/2,–1/2)	1, 5
1312	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,–1/2,–1]}	(–1,–1/2,–1/2)	4, 5
1313	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,1/2,1/2]}	(1/2,1,1/2)	1, 3
1314	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[–1,1,1]}	(1/2,1,1/2)	1,3,6
1315	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,1/2,1]}	(1/2,1,1/2)	1, 6
1316	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,1/2,1]}	(1/2,1,1/2)	3, 6
1317	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[0,1/2,1/2]}	(1/2,1/2,1)	1, 2
1318	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[0,0,1]}	(1/2,1/2,1)	1,2,7
1319	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,1]}	(1/2,1/2,1)	1, 7
1320	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,1]}	(1/2,1/2,1)	2, 7
1321	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[0,–1/2,–1/2]}	(–1/2,–1/2,–1)	1, 2
1322	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[0,0,–1]}	(–1/2,–1/2,–1)	1,2,7
1323	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,–1]}	(–1/2,–1/2,–1)	1, 7
1324	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,–1]}	(–1/2,–1/2,–1)	2, 7
1325	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[1,–1/2,–1/2]}	(–1/2,–1,–1/2)	1, 3
1326	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[1,–1,–1]}	(–1/2,–1,–1/2)	1,3,6
1327	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,–1/2,–1]}	(–1/2,–1,–1/2)	1, 6
1328	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,–1/2,–1]}	(–1/2,–1,–1/2)	3, 6
1329	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,–1/2,1]}	(1,1/2,–1/2)	1, 4
1330	{[–1, –1, –1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1,1,1/2,–1/2]}	(1,1/2,–1/2)	1,4,5
1331	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,1/2,–1/2]}	(1,1/2,–1/2)	1, 5
1332	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,–1/2,1]}	(1,1/2,–1/2)	4, 5
1333	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,1/2,1]}	(1,–1/2,1/2)	1, 4
1334	{[–1, –1, –1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1,1,–1/2,1/2]}	(1,–1/2,1/2)	1,4,5
1335	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1/2,1/2]}	(1,–1/2,1/2)	1, 5
1336	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,1/2,1]}	(1,–1/2,1/2)	4, 5
1337	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,1/2,–1/2]}	(1/2,1,–1/2)	1, 3
1338	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,1,1]}	(1/2,1,–1/2)	1,3,6
1339	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,–1/2,1]}	(1/2,1,–1/2)	1, 6
1340	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,–1/2,1]}	(1/2,1,–1/2)	3, 6
1341	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,1/2,–1/2]}	(1/2,–1/2,1)	1, 2
1342	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[–1,1,1]}	(1/2,–1/2,1)	1,2,7
1343	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,1]}	(1/2,–1/2,1)	1, 7
1344	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,1]}	(1/2,–1/2,1)	2, 7
1345	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,–1/2,1/2]}	(–1/2,1,1/2)	1, 3
1346	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,–1,1]}	(–1/2,1,1/2)	1,3,6
1347	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,1/2,1]}	(–1/2,1,1/2)	1, 6
1348	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,1/2,1]}	(–1/2,1,1/2)	3, 6
1349	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,–1/2,1/2]}	(–1/2,1/2,1)	1, 2

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1350	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[–1,–1,1]}	(–1/2,1/2,1)	1,2,7
1351	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,1]}	(–1/2,1/2,1)	1, 7
1352	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,1]}	(–1/2,1/2,1)	2, 7
1353	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,1/2,–1]}	(–1,–1/2,1/2)	1, 4
1354	{[–1, –1, –1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1,–1,–1/2,1/2]}	(–1,–1/2,1/2)	1,4,5
1355	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[1,–1/2,1/2]}	(–1,–1/2,1/2)	1, 5
1356	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,1/2,–1]}	(–1,–1/2,1/2)	4, 5
1357	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,–1/2,–1]}	(–1,1/2,–1/2)	1, 4
1358	{[–1, –1, –1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1,–1,1/2,–1/2]}	(–1,1/2,–1/2)	1,4,5
1359	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[1,1/2,–1/2]}	(–1,1/2,–1/2)	1, 5
1360	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,–1/2,–1]}	(–1,1/2,–1/2)	4, 5
1361	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[1,–1/2,1/2]}	(–1/2,–1,1/2)	1, 3
1362	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[1,–1,–1]}	(–1/2,–1,1/2)	1,3,6
1363	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,1/2,–1]}	(–1/2,–1,1/2)	1, 6
1364	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,1/2,–1]}	(–1/2,–1,1/2)	3, 6
1365	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[1,–1/2,1/2]}	(–1/2,1/2,–1)	1, 2
1366	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[1,–1,–1]}	(–1/2,1/2,–1)	1,2,7
1367	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,–1]}	(–1/2,1/2,–1)	1, 7
1368	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,–1]}	(–1/2,1/2,–1)	2, 7
1369	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[1,1/2,–1/2]}	(1/2,–1,–1/2)	1, 3
1370	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[1,1,–1]}	(1/2,–1,–1/2)	1,3,6
1371	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,–1/2,–1]}	(1/2,–1,–1/2)	1, 6
1372	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,–1/2,–1]}	(1/2,–1,–1/2)	3, 6
1373	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[1,1/2,–1/2]}	(1/2,–1/2,–1)	1, 2
1374	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[1,1,–1]}	(1/2,–1/2,–1)	1,2,7
1375	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,–1]}	(1/2,–1/2,–1)	1, 7
1376	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,–1]}	(1/2,–1/2,–1)	2, 7
1377	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,–1/2,1]}	(1,–1/2,–1/2)	1, 4
1378	{[–1, –1, –1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[0,1,–1/2,–1/2]}	(1,–1/2,–1/2)	1,4,5
1379	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1/2,–1/2]}	(1,–1/2,–1/2)	1, 5
1380	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,–1/2,1]}	(1,–1/2,–1/2)	4, 5
1381	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[0,–1/2,–1/2]}	(–1/2,1,–1/2)	1, 3
1382	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[0,0,1]}	(–1/2,1,–1/2)	1,3,6
1383	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,–1/2,1]}	(–1/2,1,–1/2)	1, 6
1384	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,–1/2,1]}	(–1/2,1,–1/2)	3, 6
1385	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[0,–1/2,–1/2]}	(–1/2,–1/2,1)	1, 2
1386	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[0,0,1]}	(–1/2,–1/2,1)	1,2,7
1387	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,1]}	(–1/2,–1/2,1)	1, 7
1388	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,1]}	(–1/2,–1/2,1)	2, 7
1389	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,1/2,–1]}	(–1,1/2,1/2)	1, 4
1390	{[–1, –1, –1], [1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[0,–1,1/2,1/2]}	(–1,1/2,1/2)	1,4,5
1391	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[0,1/2,1/2]}	(–1,1/2,1/2)	1, 5
1392	{[0, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,1/2,–1]}	(–1,1/2,1/2)	4, 5
1393	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[0,1/2,1/2]}	(1/2,–1,1/2)	1, 3
1394	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[0,0,–1]}	(1/2,–1,1/2)	1,3,6
1395	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,1/2,–1]}	(1/2,–1,1/2)	1, 6
1396	{[1, 0, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,1/2,–1]}	(1/2,–1,1/2)	3, 6
1397	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[0,1/2,1/2]}	(1/2,1/2,–1)	1, 2
1398	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[0,0,–1]}	(1/2,1/2,–1)	1,2,7
1399	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,–1]}	(1/2,1/2,–1)	1, 7
1400	{[1, 0, 0], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,–1]}	(1/2,1/2,–1)	2, 7
1401	{[1, 0, –1], [0, 1, 0], [1, 0, 0]}	{[–1/2,1/2,1]}	(1,1/2,3/2)	1, 4
1402	{[–1, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1,1,–1]}	(1,1/2,3/2)	1,4,5
1403	{[1, 0, –1], [0, 1, 0], [0, 1, –1]}	{[–1/2,1/2,–1]}	(1,1/2,3/2)	1, 5
1404	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,1/2,1]}	(1,3/2,1/2)	1, 4
1405	{[–1, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1,1,1]}	(1,3/2,1/2)	1,4,5
1406	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[–1/2,1/2,1]}	(1,3/2,1/2)	1, 5
1407	{[0, 1, –1], [1, 0, 0], [1, 0, –1]}	{[–1/2,1/2,–1]}	(1/2,1,3/2)	1, 3
1408	{[–1, 1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,–1,1]}	(1/2,1,3/2)	1,3,6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1409	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[–1/2,1/2,1]}	(1/2,1,3/2)	1, 6
1410	{[0, 1, –1], [1, 0, 0], [1, –1, 0]}	{[1/2,1/2,–1]}	(1/2,3/2,1)	1, 2
1411	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[–1,–1,1]}	(1/2,3/2,1)	1,2,7
1412	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[1/2,1/2,1]}	(1/2,3/2,1)	1, 7
1413	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[1/2,1/2,1]}	(3/2,1,1/2)	1, 3
1414	{[–1, 1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,1,1]}	(3/2,1,1/2)	1,3,6
1415	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,1/2,1]}	(3/2,1,1/2)	1, 6
1416	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[1/2,1/2,1]}	(3/2,1/2,1)	1, 2
1417	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[–1,1,1]}	(3/2,1/2,1)	1,2,7
1418	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,1]}	(3/2,1/2,1)	1, 7
1419	{[1, 0, –1], [0, 1, 0], [1, 0, 0]}	{[1/2,–1/2,–1]}	(–1,–1/2,–3/2)	1, 4
1420	{[–1, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1,–1,1]}	(–1,–1/2,–3/2)	1,4,5
1421	{[1, 0, –1], [0, 1, 0], [0, 1, –1]}	{[1/2,–1/2,1]}	(–1,–1/2,–3/2)	1, 5
1422	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,–1/2,–1]}	(–1,–3/2,–1/2)	1, 4
1423	{[–1, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1,–1,–1]}	(–1,–3/2,–1/2)	1,4,5
1424	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[1/2,–1/2,–1]}	(–1,–3/2,–1/2)	1, 5
1425	{[0, 1, –1], [1, 0, 0], [1, –1, 0]}	{[–1/2,–1/2,1]}	(–1/2,–3/2,–1)	1, 2
1426	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[1,1,–1]}	(–1/2,–3/2,–1)	1,2,7
1427	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[–1/2,–1/2,–1]}	(–1/2,–3/2,–1)	1, 7
1428	{[0, 1, –1], [1, 0, 0], [1, 0, –1]}	{[1/2,–1/2,1]}	(–1/2,–1,–3/2)	1, 3
1429	{[–1, 1, –1], [1, 0, –1], [0, 1, 0]}	{[1,1,–1]}	(–1/2,–1,–3/2)	1,3,6
1430	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[1/2,–1/2,–1]}	(–1/2,–1,–3/2)	1, 6
1431	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[–1/2,–1/2,–1]}	(–3/2,–1/2,–1)	1, 2
1432	{[–1, –1, 1], [1, –1, 0], [0, 0, 1]}	{[1,–1,–1]}	(–3/2,–1/2,–1)	1,2,7
1433	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,–1]}	(–3/2,–1/2,–1)	1, 7
1434	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[–1/2,–1/2,–1]}	(–3/2,–1,–1/2)	1, 3
1435	{[–1, 1, –1], [1, 0, –1], [0, 1, 0]}	{[1,–1,–1]}	(–3/2,–1,–1/2)	1,3,6
1436	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,–1/2,–1]}	(–3/2,–1,–1/2)	1, 6
1437	{[1, 0, 1], [0, 1, 0], [1, 0, 0]}	{[–1/2,1/2,1]}	(1,1/2,–3/2)	1, 4
1438	{[–1, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1,1,–1]}	(1,1/2,–3/2)	1,4,5
1439	{[1, 0, 1], [0, 1, 0], [0, 1, 1]}	{[–1/2,1/2,–1]}	(1,1/2,–3/2)	1, 5
1440	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,1/2,1]}	(1,–3/2,1/2)	1, 4
1441	{[–1, –1, 1], [1, 0, 0], [0, 1, 1]}	{[1,1,–1]}	(1,–3/2,1/2)	1,4,5
1442	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[–1/2,1/2,–1]}	(1,–3/2,1/2)	1, 5
1443	{[0, 1, 1], [1, 0, 0], [1, 1, 0]}	{[–1/2,1/2,–1]}	(1/2,–3/2,1)	1, 2
1444	{[–1, 1, 1], [1, 1, 0], [0, 0, 1]}	{[–1,–1,1]}	(1/2,–3/2,1)	1,2,7
1445	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[–1/2,1/2,1]}	(1/2,–3/2,1)	1, 7
1446	{[0, 1, 1], [1, 0, 0], [1, 0, 1]}	{[–1/2,1/2,–1]}	(1/2,1,–3/2)	1, 3
1447	{[–1, 1, 1], [1, 0, 1], [0, 1, 0]}	{[–1,–1,1]}	(1/2,1,–3/2)	1,3,6
1448	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[–1/2,1/2,1]}	(1/2,1,–3/2)	1, 6
1449	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[–1/2,1/2,–1]}	(–3/2,1,1/2)	1, 3
1450	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[1,–1,1]}	(–3/2,1,1/2)	1,3,6
1451	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,1/2,1]}	(–3/2,1,1/2)	1, 6
1452	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[–1/2,1/2,–1]}	(–3/2,1/2,1)	1, 2
1453	{[–1, 1, –1], [1, 1, 0], [0, 0, 1]}	{[1,–1,1]}	(–3/2,1/2,1)	1,2,7
1454	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,1]}	(–3/2,1/2,1)	1, 7
1455	{[1, 0, 1], [0, 1, 0], [1, 0, 0]}	{[1/2,–1/2,–1]}	(–1,–1/2,3/2)	1, 4
1456	{[–1, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1,–1,1]}	(–1,–1/2,3/2)	1,4,5
1457	{[1, 0, 1], [0, 1, 0], [0, 1, 1]}	{[1/2,–1/2,1]}	(–1,–1/2,3/2)	1, 5
1458	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,–1/2,–1]}	(–1,3/2,–1/2)	1, 4
1459	{[–1, –1, 1], [1, 0, 0], [0, 1, 1]}	{[–1,–1,1]}	(–1,3/2,–1/2)	1,4,5
1460	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[1/2,–1/2,1]}	(–1,3/2,–1/2)	1, 5
1461	{[0, 1, 1], [1, 0, 0], [1, 1, 0]}	{[1/2,–1/2,1]}	(–1/2,3/2,–1)	1, 2
1462	{[–1, 1, 1], [1, 1, 0], [0, 0, 1]}	{[1,1,–1]}	(–1/2,3/2,–1)	1,2,7
1463	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[1/2,–1/2,–1]}	(–1/2,3/2,–1)	1, 7
1464	{[0, 1, 1], [1, 0, 0], [1, 0, 1]}	{[1/2,–1/2,1]}	(–1/2,–1,3/2)	1, 3
1465	{[–1, 1, 1], [1, 0, 1], [0, 1, 0]}	{[1,1,–1]}	(–1/2,–1,3/2)	1,3,6
1466	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[1/2,–1/2,–1]}	(–1/2,–1,3/2)	1, 6
1467	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[1/2,–1/2,1]}	(3/2,–1,–1/2)	1, 3

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1468	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[–1,1,–1]}	(3/2,–1,–1/2)	1,3,6
1469	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,–1/2,–1]}	(3/2,–1,–1/2)	1, 6
1470	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[1/2,–1/2,1]}	(3/2,–1/2,–1)	1, 2
1471	{[–1, 1, –1], [1, 1, 0], [0, 0, 1]}	{[–1,1,–1]}	(3/2,–1/2,–1)	1,2,7
1472	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,–1]}	(3/2,–1/2,–1)	1, 7
1473	{[1, 0, –1], [0, 1, 0], [1, 0, 0]}	{[–1/2,–1/2,1]}	(1,–1/2,3/2)	1, 4
1474	{[–1, –1, 1], [1, 0, 0], [0, 1, 1]}	{[1,1,1]}	(1,–1/2,3/2)	1,4,5
1475	{[1, 0, –1], [0, 1, 0], [0, 1, 1]}	{[–1/2,–1/2,1]}	(1,–1/2,3/2)	1, 5
1476	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,–1/2,1]}	(1,3/2,–1/2)	1, 4
1477	{[–1, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1,1,1]}	(1,3/2,–1/2)	1,4,5
1478	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[–1/2,–1/2,1]}	(1,3/2,–1/2)	1, 5
1479	{[0, 1, –1], [1, 0, 0], [1, 1, 0]}	{[1/2,–1/2,1]}	(–1/2,3/2,1)	1, 2
1480	{[–1, 1, –1], [1, 1, 0], [0, 0, 1]}	{[1,1,1]}	(–1/2,3/2,1)	1,2,7
1481	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[1/2,–1/2,1]}	(–1/2,3/2,1)	1, 7
1482	{[0, 1, –1], [1, 0, 0], [1, 0, 1]}	{[–1/2,–1/2,1]}	(–1/2,1,3/2)	1, 3
1483	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[1,1,1]}	(–1/2,1,3/2)	1,3,6
1484	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[–1/2,–1/2,1]}	(–1/2,1,3/2)	1, 6
1485	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[1/2,–1/2,1]}	(3/2,–1/2,1)	1, 2
1486	{[–1, 1, 1], [1, 1, 0], [0, 0, 1]}	{[–1,1,1]}	(3/2,–1/2,1)	1,2,7
1487	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,1]}	(3/2,–1/2,1)	1, 7
1488	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[1/2,–1/2,1]}	(3/2,1,–1/2)	1, 3
1489	{[–1, 1, 1], [1, 0, 1], [0, 1, 0]}	{[–1,1,1]}	(3/2,1,–1/2)	1,3,6
1490	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,–1/2,1]}	(3/2,1,–1/2)	1, 6
1491	{[1, 0, –1], [0, 1, 0], [1, 0, 0]}	{[1/2,1/2,–1]}	(–1,1/2,–3/2)	1, 4
1492	{[–1, –1, 1], [1, 0, 0], [0, 1, 1]}	{[–1,–1,–1]}	(–1,1/2,–3/2)	1,4,5
1493	{[1, 0, –1], [0, 1, 0], [0, 1, 1]}	{[1/2,1/2,–1]}	(–1,1/2,–3/2)	1, 5
1494	{[1, –1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,1/2,–1]}	(–1,–3/2,1/2)	1, 4
1495	{[–1, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1,–1,–1]}	(–1,–3/2,1/2)	1,4,5
1496	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[1/2,1/2,–1]}	(–1,–3/2,1/2)	1, 5
1497	{[0, 1, –1], [1, 0, 0], [1, 1, 0]}	{[–1/2,1/2,–1]}	(1/2,–3/2,–1)	1, 2
1498	{[–1, 1, –1], [1, 1, 0], [0, 0, 1]}	{[–1,–1,–1]}	(1/2,–3/2,–1)	1,2,7
1499	{[0, 1, –1], [1, 0, 0], [0, 0, 1]}	{[–1/2,1/2,–1]}	(1/2,–3/2,–1)	1, 7
1500	{[0, 1, –1], [1, 0, 0], [1, 0, 1]}	{[1/2,1/2,–1]}	(1/2,–1,–3/2)	1, 3
1501	{[–1, –1, 1], [1, 0, 1], [0, 1, 0]}	{[–1,–1,–1]}	(1/2,–1,–3/2)	1,3,6
1502	{[0, 1, –1], [1, 0, 0], [0, 1, 0]}	{[1/2,1/2,–1]}	(1/2,–1,–3/2)	1, 6
1503	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[–1/2,1/2,–1]}	(–3/2,1/2,–1)	1, 2
1504	{[–1, 1, 1], [1, 1, 0], [0, 0, 1]}	{[1,–1,–1]}	(–3/2,1/2,–1)	1,2,7
1505	{[1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,–1]}	(–3/2,1/2,–1)	1, 7
1506	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[–1/2,1/2,–1]}	(–3/2,–1,1/2)	1, 3
1507	{[–1, 1, 1], [1, 0, 1], [0, 1, 0]}	{[1,–1,–1]}	(–3/2,–1,1/2)	1,3,6
1508	{[1, –1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,1/2,–1]}	(–3/2,–1,1/2)	1, 6
1509	{[1, 0, 1], [0, 1, 0], [1, 0, 0]}	{[–1/2,–1/2,1]}	(1,–1/2,–3/2)	1, 4
1510	{[–1, –1, –1], [1, 0, 0], [0, 1, –1]}	{[1,1,1]}	(1,–1/2,–3/2)	1,4,5
1511	{[1, 0, 1], [0, 1, 0], [0, 1, –1]}	{[–1/2,–1/2,1]}	(1,–1/2,–3/2)	1, 5
1512	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[–1/2,–1/2,1]}	(1,–3/2,–1/2)	1, 4
1513	{[–1, –1, –1], [1, 0, 0], [0, 1, –1]}	{[1,1,–1]}	(1,–3/2,–1/2)	1,4,5
1514	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[–1/2,–1/2,–1]}	(1,–3/2,–1/2)	1, 5
1515	{[0, 1, 1], [1, 0, 0], [1, –1, 0]}	{[–1/2,–1/2,1]}	(–1/2,–3/2,1)	1, 2
1516	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[1,1,1]}	(–1/2,–3/2,1)	1,2,7
1517	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[–1/2,–1/2,1]}	(–1/2,–3/2,1)	1, 7
1518	{[0, 1, 1], [1, 0, 0], [1, 0, –1]}	{[–1/2,–1/2,1]}	(–1/2,1,–3/2)	1, 3
1519	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[1,1,1]}	(–1/2,1,–3/2)	1,3,6
1520	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[–1/2,–1/2,1]}	(–1/2,1,–3/2)	1, 6
1521	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[–1/2,–1/2,–1]}	(–3/2,–1/2,1)	1, 2
1522	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[1,–1,1]}	(–3/2,–1/2,1)	1,2,7
1523	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,1]}	(–3/2,–1/2,1)	1, 7
1524	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[–1/2,–1/2,–1]}	(–3/2,1,–1/2)	1, 3
1525	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[1,–1,1]}	(–3/2,1,–1/2)	1,3,6
1526	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[–1/2,–1/2,1]}	(–3/2,1,–1/2)	1, 6

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1527	{[1, 0, 1], [0, 1, 0], [1, 0, 0]}	{[1/2,1/2,–1]}	(–1,1/2,3/2)	1, 4
1528	{[–1, –1, –1], [1, 0, 0], [0, 1, –1]}	{[–1,–1,–1]}	(–1,1/2,3/2)	1,4,5
1529	{[1, 0, 1], [0, 1, 0], [0, 1, –1]}	{[1/2,1/2,–1]}	(–1,1/2,3/2)	1, 5
1530	{[1, 1, 0], [0, 0, 1], [1, 0, 0]}	{[1/2,1/2,–1]}	(–1,3/2,1/2)	1, 4
1531	{[–1, –1, –1], [1, 0, 0], [0, 1, –1]}	{[–1,–1,1]}	(–1,3/2,1/2)	1,4,5
1532	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[1/2,1/2,1]}	(–1,3/2,1/2)	1, 5
1533	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[1/2,1/2,1]}	(3/2,1/2,–1)	1, 2
1534	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[–1,1,–1]}	(3/2,1/2,–1)	1,2,7
1535	{[1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,–1]}	(3/2,1/2,–1)	1, 7
1536	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[1/2,1/2,1]}	(3/2,–1,1/2)	1, 3
1537	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,1,–1]}	(3/2,–1,1/2)	1,3,6
1538	{[1, 1, 0], [0, 0, 1], [0, 1, 0]}	{[1/2,1/2,–1]}	(3/2,–1,1/2)	1, 6
1539	{[0, 1, 1], [1, 0, 0], [1, –1, 0]}	{[1/2,1/2,–1]}	(1/2,3/2,–1)	1, 2
1540	{[–1, –1, –1], [1, –1, 0], [0, 0, 1]}	{[–1,–1,–1]}	(1/2,3/2,–1)	1,2,7
1541	{[0, 1, 1], [1, 0, 0], [0, 0, 1]}	{[1/2,1/2,–1]}	(1/2,3/2,–1)	1, 7
1542	{[0, 1, 1], [1, 0, 0], [1, 0, –1]}	{[1/2,1/2,–1]}	(1/2,–1,3/2)	1, 3
1543	{[–1, –1, –1], [1, 0, –1], [0, 1, 0]}	{[–1,–1,–1]}	(1/2,–1,3/2)	1,3,6
1544	{[0, 1, 1], [1, 0, 0], [0, 1, 0]}	{[1/2,1/2,–1]}	(1/2,–1,3/2)	1, 6
1545	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[1,1/2,1/2]}	(1/2,1/2,2)	1, 2
1546	{[–1, 1, –1], [1, 0, 0], [0, 0, 1]}	{[1,1/2,1/2]}	(1/2,2,1/2)	1, 3
1547	{[–1, 1, 1], [0, 1, 0], [0, 0, 1]}	{[–1,1/2,1/2]}	(2,1/2,1/2)	1, 5
1548	{[–1, –1, 1], [1, 0, 0], [0, 1, 0]}	{[–1,–1/2,–1/2]}	(–1/2,–1/2,–2)	1, 2
1549	{[–1, 1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,–1/2,–1/2]}	(–1/2,–2,–1/2)	1, 3
1550	{[–1, 1, 1], [0, 1, 0], [0, 0, 1]}	{[1,–1/2,–1/2]}	(–2,–1/2,–1/2)	1, 5
1551	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[1,1/2,1/2]}	(1/2,1/2,–2)	1, 2
1552	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[1,1/2,1/2]}	(1/2,–2,1/2)	1, 3
1553	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[1,1/2,1/2]}	(–2,1/2,1/2)	1, 5
1554	{[–1, –1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,–1/2,–1/2]}	(–1/2,–1/2,2)	1, 2
1555	{[–1, –1, –1], [1, 0, 0], [0, 0, 1]}	{[–1,–1/2,–1/2]}	(–1/2,2,–1/2)	1, 3
1556	{[–1, –1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1/2,–1/2]}	(2,–1/2,–1/2)	1, 5
1557	{[–1, 1, –1], [1, 0, 0], [0, 1, 0]}	{[1,1/2,–1/2]}	(1/2,–1/2,–2)	1, 2
1558	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[1,1/2,–1/2]}	(1/2,–2,–1/2)	1, 3
1559	{[–1, 1, 1], [1, 0, 0], [0, 1, 0]}	{[–1,–1/2,1/2]}	(–1/2,1/2,–2)	1, 2
1560	{[–1, 1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,–1/2,1/2]}	(–1/2,–2,1/2)	1, 3
1561	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[1,1/2,–1/2]}	(–2,1/2,–1/2)	1, 5
1562	{[–1, 1, –1], [0, 1, 0], [0, 0, 1]}	{[1,–1/2,1/2]}	(–2,–1/2,1/2)	1, 5
1563	{[–1, 1, –1], [1, 0, 0], [0, 1, 0]}	{[–1,–1/2,1/2]}	(–1/2,1/2,2)	1, 2
1564	{[–1, –1, 1], [1, 0, 0], [0, 0, 1]}	{[–1,–1/2,1/2]}	(–1/2,2,1/2)	1, 3
1565	{[–1, 1, 1], [1, 0, 0], [0, 1, 0]}	{[1,1/2,–1/2]}	(1/2,–1/2,2)	1, 2
1566	{[–1, 1, 1], [1, 0, 0], [0, 0, 1]}	{[1,1/2,–1/2]}	(1/2,2,–1/2)	1, 3
1567	{[–1, –1, 1], [0, 1, 0], [0, 0, 1]}	{[–1,–1/2,1/2]}	(2,–1/2,1/2)	1, 5
1568	{[–1, 1, –1], [0, 1, 0], [0, 0, 1]}	{[–1,1/2,–1/2]}	(2,1/2,–1/2)	1, 5
1569	{[0, 1, –1], [1, 0, 0], [1, 0, –1]}	{[1/2,1/2,–1]}	(1/2,2,3/2)	1, 3
1570	{[0, 1, –1], [1, 0, 0], [1, –1, 0]}	{[–1/2,1/2,–1]}	(1/2,3/2,2)	1, 2
1571	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[–1/2,1/2,1]}	(3/2,1/2,2)	1, 2
1572	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[–1/2,1/2,1]}	(3/2,2,1/2)	1, 3
1573	{[1, 0, –1], [0, 1, 0], [0, 1, –1]}	{[1/2,1/2,–1]}	(2,1/2,3/2)	1, 5
1574	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[1/2,1/2,1]}	(2,3/2,1/2)	1, 5
1575	{[0, 1, –1], [1, 0, 0], [1, 0, –1]}	{[–1/2,–1/2,1]}	(–1/2,–2,–3/2)	1, 3
1576	{[0, 1, –1], [1, 0, 0], [1, –1, 0]}	{[1/2,–1/2,1]}	(–1/2,–3/2,–2)	1, 2
1577	{[1, 0, –1], [0, 1, 0], [1, –1, 0]}	{[1/2,–1/2,–1]}	(–3/2,–1/2,–2)	1, 2
1578	{[1, –1, 0], [0, 0, 1], [1, 0, –1]}	{[1/2,–1/2,–1]}	(–3/2,–2,–1/2)	1, 3
1579	{[1, 0, –1], [0, 1, 0], [0, 1, –1]}	{[–1/2,–1/2,1]}	(–2,–1/2,–3/2)	1, 5
1580	{[1, –1, 0], [0, 0, 1], [0, 1, –1]}	{[–1/2,–1/2,–1]}	(–2,–3/2,–1/2)	1, 5
1581	{[0, 1, 1], [1, 0, 0], [1, 0, 1]}	{[1/2,1/2,–1]}	(1/2,2,–3/2)	1, 3
1582	{[0, 1, 1], [1, 0, 0], [1, 1, 0]}	{[1/2,1/2,–1]}	(1/2,–3/2,2)	1, 2
1583	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[1/2,1/2,–1]}	(–3/2,1/2,2)	1, 2
1584	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[1/2,1/2,–1]}	(–3/2,2,1/2)	1, 3
1585	{[1, 0, 1], [0, 1, 0], [0, 1, 1]}	{[1/2,1/2,–1]}	(2,1/2,–3/2)	1, 5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1586	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[1/2,1/2,–1]}	(2,–3/2,1/2)	1, 5
1587	{[0, 1, 1], [1, 0, 0], [1, 0, 1]}	{[–1/2,–1/2,1]}	(–1/2,–2,3/2)	1, 3
1588	{[0, 1, 1], [1, 0, 0], [1, 1, 0]}	{[–1/2,–1/2,1]}	(–1/2,3/2,–2)	1, 2
1589	{[1, 0, 1], [0, 1, 0], [1, 1, 0]}	{[–1/2,–1/2,1]}	(3/2,–1/2,–2)	1, 2
1590	{[1, 1, 0], [0, 0, 1], [1, 0, 1]}	{[–1/2,–1/2,1]}	(3/2,–2,–1/2)	1, 3
1591	{[1, 0, 1], [0, 1, 0], [0, 1, 1]}	{[–1/2,–1/2,1]}	(–2,–1/2,3/2)	1, 5
1592	{[1, 1, 0], [0, 0, 1], [0, 1, 1]}	{[–1/2,–1/2,1]}	(–2,3/2,–1/2)	1, 5
1593	{[0, 1, 1], [1, 0, 0], [1, 0, –1]}	{[–1/2,1/2,–1]}	(1/2,–2,3/2)	1, 3
1594	{[0, 1, 1], [1, 0, 0], [1, –1, 0]}	{[–1/2,1/2,–1]}	(1/2,3/2,–2)	1, 2
1595	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[–1/2,1/2,1]}	(3/2,1/2,–2)	1, 2
1596	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[–1/2,1/2,1]}	(3/2,–2,1/2)	1, 3
1597	{[1, 0, 1], [0, 1, 0], [0, 1, –1]}	{[–1/2,1/2,–1]}	(–2,1/2,3/2)	1, 5
1598	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[–1/2,1/2,1]}	(–2,3/2,1/2)	1, 5
1599	{[0, 1, 1], [1, 0, 0], [1, 0, –1]}	{[1/2,–1/2,1]}	(–1/2,2,–3/2)	1, 3
1600	{[0, 1, 1], [1, 0, 0], [1, –1, 0]}	{[1/2,–1/2,1]}	(–1/2,–3/2,2)	1, 2
1601	{[1, 0, 1], [0, 1, 0], [1, –1, 0]}	{[1/2,–1/2,–1]}	(–3/2,–1/2,2)	1, 2
1602	{[1, 1, 0], [0, 0, 1], [1, 0, –1]}	{[1/2,–1/2,–1]}	(–3/2,2,–1/2)	1, 3
1603	{[1, 0, 1], [0, 1, 0], [0, 1, –1]}	{[1/2,–1/2,1]}	(2,–1/2,–3/2)	1, 5
1604	{[1, 1, 0], [0, 0, 1], [0, 1, –1]}	{[1/2,–1/2,–1]}	(2,–3/2,–1/2)	1, 5
1605	{[0, 1, –1], [1, 0, 0], [1, 0, 1]}	{[–1/2,1/2,–1]}	(1/2,–2,–3/2)	1, 3
1606	{[0, 1, –1], [1, 0, 0], [1, 1, 0]}	{[1/2,1/2,–1]}	(1/2,–3/2,–2)	1, 2
1607	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[1/2,1/2,–1]}	(–3/2,1/2,–2)	1, 2
1608	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[1/2,1/2,–1]}	(–3/2,–2,1/2)	1, 3
1609	{[1, 0, –1], [0, 1, 0], [0, 1, 1]}	{[–1/2,1/2,–1]}	(–2,1/2,–3/2)	1, 5
1610	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[–1/2,1/2,–1]}	(–2,–3/2,1/2)	1, 5
1611	{[0, 1, –1], [1, 0, 0], [1, 0, 1]}	{[1/2,–1/2,1]}	(–1/2,2,3/2)	1, 3
1612	{[0, 1, –1], [1, 0, 0], [1, 1, 0]}	{[–1/2,–1/2,1]}	(–1/2,3/2,2)	1, 2
1613	{[1, 0, –1], [0, 1, 0], [1, 1, 0]}	{[–1/2,–1/2,1]}	(3/2,–1/2,2)	1, 2
1614	{[1, –1, 0], [0, 0, 1], [1, 0, 1]}	{[–1/2,–1/2,1]}	(3/2,2,–1/2)	1, 3
1615	{[1, 0, –1], [0, 1, 0], [0, 1, 1]}	{[1/2,–1/2,1]}	(2,–1/2,3/2)	1, 5
1616	{[1, –1, 0], [0, 0, 1], [0, 1, 1]}	{[1/2,–1/2,1]}	(2,3/2,–1/2)	1, 5
1617	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[1/2,1/2,1/2,1/2]}	(1/2,1/2,1/2)	2, 3
1618	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,0,1/2,1/2]}	(1/2,1/2,1/2)	2,3,5
1619	{[1, 0, 0], [0, 1, 0], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,1/2,1/2]}	(1/2,1/2,1/2)	2, 5
1620	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,1/2,1/2]}	(1/2,1/2,1/2)	3, 5
1621	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[–1/2,–1/2,–1/2,–1/2]}	(–1/2,–1/2,–1/2)	2, 3
1622	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,0,–1/2,–1/2]}	(–1/2,–1/2,–1/2)	2,3,5
1623	{[1, 0, 0], [0, 1, 0], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,–1/2,–1/2]}	(–1/2,–1/2,–1/2)	2, 5
1624	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,–1/2,–1/2]}	(–1/2,–1/2,–1/2)	3, 5
1625	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[1/2,1/2,1/2,–1/2]}	(1/2,1/2,–1/2)	2, 3
1626	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,1,1/2,–1/2]}	(1/2,1/2,–1/2)	2,3,5
1627	{[1, 0, 0], [0, 1, 0], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,1/2,–1/2]}	(1/2,1/2,–1/2)	2, 5
1628	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,1/2,–1/2]}	(1/2,1/2,–1/2)	3, 5
1629	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[1/2,–1/2,1/2,1/2]}	(1/2,–1/2,1/2)	2, 3
1630	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1,0,–1/2,1/2]}	(1/2,–1/2,1/2)	2,3,5
1631	{[1, 0, 0], [0, 1, 0], [0, 1, –1]}	{[1/2,–1/2,–1]}	(1/2,–1/2,1/2)	2, 5
1632	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,1/2,–1/2,1/2]}	(1/2,–1/2,1/2)	3, 5
1633	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[–1/2,1/2,–1/2,1/2]}	(–1/2,1/2,1/2)	2, 3
1634	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1/2,1/2]}	(–1/2,1/2,1/2)	2,3,5
1635	{[1, 0, 0], [0, 1, 0], [0, 1, –1]}	{[–1/2,1/2,0]}	(–1/2,1/2,1/2)	2, 5
1636	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,1/2,1/2]}	(–1/2,1/2,1/2)	3, 5
1637	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[–1/2,–1/2,–1/2,1/2]}	(–1/2,–1/2,1/2)	2, 3
1638	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[0,–1,–1/2,1/2]}	(–1/2,–1/2,1/2)	2,3,5
1639	{[1, 0, 0], [0, 1, 0], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,–1/2,1/2]}	(–1/2,–1/2,1/2)	2, 5
1640	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,1/2,–1/2,1/2]}	(–1/2,–1/2,1/2)	3, 5
1641	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[–1/2,1/2,–1/2,–1/2]}	(–1/2,1/2,–1/2)	2, 3
1642	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1,0,1/2,–1/2]}	(–1/2,1/2,–1/2)	2,3,5
1643	{[1, 0, 0], [0, 1, 0], [0, 1, 1]}	{[–1/2,1/2,0]}	(–1/2,1/2,–1/2)	2, 5
1644	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1/2,–1/2,1/2,–1/2]}	(–1/2,1/2,–1/2)	3, 5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1645	{[1, 0, 0], [0, 1, 0], [1, 0, 0], [0, 0, 1]}	{[1/2,–1/2,1/2,–1/2]}	(1/2,–1/2,–1/2)	2, 3
1646	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1,1,–1/2,–1/2]}	(1/2,–1/2,–1/2)	2,3,5
1647	{[1, 0, 0], [0, 1, 0], [0, 1, 1]}	{[1/2,–1/2,–1]}	(1/2,–1/2,–1/2)	2, 5
1648	{[1, 0, 0], [0, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1/2,–1/2,–1/2,–1/2]}	(1/2,–1/2,–1/2)	3, 5
1649	{[1, 0, 0], [0, 1, 0], [1, 0, –1]}	{[1/2,1/2,–1]}	(1/2,1/2,3/2)	2, 3
1650	{[1, 1, 0], [1, 0, –1], [0, 1, –1]}	{[1,–1,–1]}	(1/2,1/2,3/2)	2,3,5
1651	{[1, 0, 0], [0, 1, 0], [0, 1, –1]}	{[1/2,1/2,–1]}	(1/2,1/2,3/2)	2, 5
1652	{[1, 0, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,1/2,–1]}	(1/2,3/2,1/2)	2, 3
1653	{[1, –1, 0], [1, 0, 1], [0, 1, –1]}	{[–1,1,1]}	(1/2,3/2,1/2)	2,3,5
1654	{[1, 0, 0], [0, 0, 1], [0, 1, –1]}	{[1/2,1/2,1]}	(1/2,3/2,1/2)	3, 5
1655	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1,1,1/2,1/2]}	(3/2,1/2,1/2)	2,3,5
1656	{[0, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,1/2,1]}	(3/2,1/2,1/2)	2, 5
1657	{[0, 1, 0], [0, 0, 1], [1, 0, –1]}	{[1/2,1/2,1]}	(3/2,1/2,1/2)	3, 5
1658	{[1, 0, 0], [0, 1, 0], [1, 0, –1]}	{[–1/2,–1/2,1]}	(–1/2,–1/2,–3/2)	2, 3
1659	{[1, 1, 0], [1, 0, –1], [0, 1, –1]}	{[–1,1,1]}	(–1/2,–1/2,–3/2)	2,3,5
1660	{[1, 0, 0], [0, 1, 0], [0, 1, –1]}	{[–1/2,–1/2,1]}	(–1/2,–1/2,–3/2)	2, 5
1661	{[1, 0, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,–1/2,1]}	(–1/2,–3/2,–1/2)	2, 3
1662	{[1, –1, 0], [1, 0, 1], [0, 1, –1]}	{[1,–1,–1]}	(–1/2,–3/2,–1/2)	2,3,5
1663	{[1, 0, 0], [0, 0, 1], [0, 1, –1]}	{[–1/2,–1/2,–1]}	(–1/2,–3/2,–1/2)	3, 5
1664	{[1, –1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,–1/2,–1/2]}	(–3/2,–1/2,–1/2)	2,3,5
1665	{[0, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,–1/2,–1]}	(–3/2,–1/2,–1/2)	2, 5
1666	{[0, 1, 0], [0, 0, 1], [1, 0, –1]}	{[–1/2,–1/2,–1]}	(–3/2,–1/2,–1/2)	3, 5
1667	{[1, 0, 0], [0, 1, 0], [1, 0, 1]}	{[1/2,1/2,–1]}	(1/2,1/2,–3/2)	2, 3
1668	{[1, 1, 0], [1, 0, 1], [0, 1, 1]}	{[1,–1,–1]}	(1/2,1/2,–3/2)	2,3,5
1669	{[1, 0, 0], [0, 1, 0], [0, 1, 1]}	{[1/2,1/2,–1]}	(1/2,1/2,–3/2)	2, 5
1670	{[1, 0, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,1/2,–1]}	(1/2,–3/2,1/2)	2, 3
1671	{[1, 1, 0], [1, 0, 1], [0, 1, 1]}	{[–1,1,–1]}	(1/2,–3/2,1/2)	2,3,5
1672	{[1, 0, 0], [0, 0, 1], [0, 1, 1]}	{[1/2,1/2,–1]}	(1/2,–3/2,1/2)	3, 5
1673	{[1, 1, 0], [1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1/2,1/2]}	(–3/2,1/2,1/2)	2,3,5
1674	{[0, 1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,1/2,–1]}	(–3/2,1/2,1/2)	2, 5
1675	{[0, 1, 0], [0, 0, 1], [1, 0, 1]}	{[1/2,1/2,–1]}	(–3/2,1/2,1/2)	3, 5
1676	{[1, 0, 0], [0, 1, 0], [1, 0, 1]}	{[–1/2,–1/2,1]}	(–1/2,–1/2,3/2)	2, 3
1677	{[1, 1, 0], [1, 0, 1], [0, 1, 1]}	{[–1,1,1]}	(–1/2,–1/2,3/2)	2,3,5
1678	{[1, 0, 0], [0, 1, 0], [0, 1, 1]}	{[–1/2,–1/2,1]}	(–1/2,–1/2,3/2)	2, 5
1679	{[1, 0, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,–1/2,1]}	(–1/2,3/2,–1/2)	2, 3
1680	{[1, 1, 0], [1, 0, 1], [0, 1, 1]}	{[1,–1,1]}	(–1/2,3/2,–1/2)	2,3,5
1681	{[1, 0, 0], [0, 0, 1], [0, 1, 1]}	{[–1/2,–1/2,1]}	(–1/2,3/2,–1/2)	3, 5
1682	{[1, 1, 0], [1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1,1,–1/2,–1/2]}	(3/2,–1/2,–1/2)	2,3,5
1683	{[0, 1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,–1/2,1]}	(3/2,–1/2,–1/2)	2, 5
1684	{[0, 1, 0], [0, 0, 1], [1, 0, 1]}	{[–1/2,–1/2,1]}	(3/2,–1/2,–1/2)	3, 5
1685	{[1, 0, 0], [0, 1, 0], [1, 0, –1]}	{[1/2,–1/2,–1]}	(1/2,–1/2,3/2)	2, 3
1686	{[1, –1, 0], [1, 0, –1], [0, 1, 1]}	{[1,–1,1]}	(1/2,–1/2,3/2)	2,3,5
1687	{[1, 0, 0], [0, 1, 0], [0, 1, 1]}	{[1/2,–1/2,1]}	(1/2,–1/2,3/2)	2, 5
1688	{[1, 0, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,–1/2,–1]}	(1/2,3/2,–1/2)	2, 3
1689	{[1, –1, 0], [1, 0, –1], [0, 1, 1]}	{[–1,1,1]}	(1/2,3/2,–1/2)	2,3,5
1690	{[1, 0, 0], [0, 0, 1], [0, 1, 1]}	{[1/2,–1/2,1]}	(1/2,3/2,–1/2)	3, 5
1691	{[1, 0, 0], [0, 1, 0], [1, 0, 1]}	{[–1/2,1/2,1]}	(–1/2,1/2,3/2)	2, 3
1692	{[1, –1, 0], [1, 0, 1], [0, 1, –1]}	{[–1,1,–1]}	(–1/2,1/2,3/2)	2,3,5
1693	{[1, 0, 0], [0, 1, 0], [0, 1, –1]}	{[–1/2,1/2,–1]}	(–1/2,1/2,3/2)	2, 5
1694	{[1, 0, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,1/2,1]}	(–1/2,3/2,1/2)	2, 3
1695	{[1, 1, 0], [1, 0, –1], [0, 1, –1]}	{[1,–1,1]}	(–1/2,3/2,1/2)	2,3,5
1696	{[1, 0, 0], [0, 0, 1], [0, 1, –1]}	{[–1/2,1/2,1]}	(–1/2,3/2,1/2)	3, 5
1697	{[1, –1, 0], [1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[1,1,1/2,–1/2]}	(3/2,1/2,–1/2)	2,3,5
1698	{[0, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,–1/2,1]}	(3/2,1/2,–1/2)	2, 5
1699	{[0, 1, 0], [0, 0, 1], [1, 0, 1]}	{[1/2,–1/2,1]}	(3/2,1/2,–1/2)	3, 5
1700	{[1, 1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[1,1,–1/2,1/2]}	(3/2,–1/2,1/2)	2,3,5
1701	{[0, 1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,1/2,1]}	(3/2,–1/2,1/2)	2, 5
1702	{[0, 1, 0], [0, 0, 1], [1, 0, –1]}	{[–1/2,1/2,1]}	(3/2,–1/2,1/2)	3, 5
1703	{[1, 0, 0], [0, 1, 0], [1, 0, –1]}	{[–1/2,1/2,1]}	(–1/2,1/2,–3/2)	2, 3

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1704	{[1, –1, 0], [1, 0, –1], [0, 1, 1]}	{[–1,1,–1]}	(–1/2,1/2,–3/2)	2,3,5
1705	{[1, 0, 0], [0, 1, 0], [0, 1, 1]}	{[–1/2,1/2,–1]}	(–1/2,1/2,–3/2)	2, 5
1706	{[1, 0, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,1/2,1]}	(–1/2,–3/2,1/2)	2, 3
1707	{[1, –1, 0], [1, 0, –1], [0, 1, 1]}	{[1,–1,–1]}	(–1/2,–3/2,1/2)	2,3,5
1708	{[1, 0, 0], [0, 0, 1], [0, 1, 1]}	{[–1/2,1/2,–1]}	(–1/2,–3/2,1/2)	3, 5
1709	{[1, 0, 0], [0, 1, 0], [1, 0, 1]}	{[1/2,–1/2,–1]}	(1/2,–1/2,–3/2)	2, 3
1710	{[1, –1, 0], [1, 0, 1], [0, 1, –1]}	{[1,–1,1]}	(1/2,–1/2,–3/2)	2,3,5
1711	{[1, 0, 0], [0, 1, 0], [0, 1, –1]}	{[1/2,–1/2,1]}	(1/2,–1/2,–3/2)	2, 5
1712	{[1, 0, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,–1/2,–1]}	(1/2,–3/2,–1/2)	2, 3
1713	{[1, 1, 0], [1, 0, –1], [0, 1, –1]}	{[–1,1,–1]}	(1/2,–3/2,–1/2)	2,3,5
1714	{[1, 0, 0], [0, 0, 1], [0, 1, –1]}	{[1/2,–1/2,–1]}	(1/2,–3/2,–1/2)	3, 5
1715	{[1, –1, 0], [1, 0, 1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,–1/2,1/2]}	(–3/2,–1/2,1/2)	2,3,5
1716	{[0, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,1/2,–1]}	(–3/2,–1/2,1/2)	2, 5
1717	{[0, 1, 0], [0, 0, 1], [1, 0, 1]}	{[–1/2,1/2,–1]}	(–3/2,–1/2,1/2)	3, 5
1718	{[1, 1, 0], [1, 0, –1], [0, 1, 0], [0, 0, 1]}	{[–1,–1,1/2,–1/2]}	(–3/2,1/2,–1/2)	2,3,5
1719	{[0, 1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,–1/2,–1]}	(–3/2,1/2,–1/2)	2, 5
1720	{[0, 1, 0], [0, 0, 1], [1, 0, –1]}	{[1/2,–1/2,–1]}	(–3/2,1/2,–1/2)	3, 5
1721	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1/2,1/2,0]}	(1/2,1/4,1/4)	1, 5
1722	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[1/2,1/2,0]}	(1/4,1/2,1/4)	1, 3
1723	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,1/2,0]}	(1/4,1/4,1/2)	1, 2
1724	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1/2,–1/2,0]}	(–1/2,–1/4,–1/4)	1, 5
1725	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[–1/2,–1/2,0]}	(–1/4,–1/2,–1/4)	1, 3
1726	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,–1/2,0]}	(–1/4,–1/4,–1/2)	1, 2
1727	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1/2,1/2,0]}	(1/2,1/4,–1/4)	1, 5
1728	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1/2,1/2,0]}	(1/2,–1/4,1/4)	1, 5
1729	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[1/2,1/2,0]}	(1/4,1/2,–1/4)	1, 3
1730	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,1/2,0]}	(1/4,–1/4,1/2)	1, 2
1731	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[–1/2,1/2,0]}	(–1/4,1/2,1/4)	1, 3
1732	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,1/2,0]}	(–1/4,1/4,1/2)	1, 2
1733	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1/2,–1/2,0]}	(–1/2,–1/4,1/4)	1, 5
1734	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1/2,–1/2,0]}	(–1/2,1/4,–1/4)	1, 5
1735	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[–1/2,–1/2,0]}	(–1/4,–1/2,1/4)	1, 3
1736	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,–1/2,0]}	(–1/4,1/4,–1/2)	1, 2
1737	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[1/2,–1/2,0]}	(1/4,–1/2,–1/4)	1, 3
1738	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,–1/2,0]}	(1/4,–1/4,–1/2)	1, 2
1739	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1/2,1/2,0]}	(1/2,–1/4,–1/4)	1, 5
1740	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[–1/2,1/2,0]}	(–1/4,1/2,–1/4)	1, 3
1741	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,1/2,0]}	(–1/4,–1/4,1/2)	1, 2
1742	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1/2,–1/2,0]}	(–1/2,1/4,1/4)	1, 5
1743	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[1/2,–1/2,0]}	(1/4,–1/2,1/4)	1, 3
1744	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,–1/2,0]}	(1/4,1/4,–1/2)	1, 2
1745	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1/2,1/2,1]}	(1/2,1/4,3/4)	1, 5
1746	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1/2,1/2,1]}	(1/2,3/4,1/4)	1, 5
1747	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[–1/2,1/2,1]}	(1/4,1/2,3/4)	1, 3
1748	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,1/2,1]}	(1/4,3/4,1/2)	1, 2
1749	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[1/2,1/2,1]}	(3/4,1/2,1/4)	1, 3
1750	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,1/2,1]}	(3/4,1/4,1/2)	1, 2
1751	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1/2,–1/2,–1]}	(–1/2,–1/4,–3/4)	1, 5
1752	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1/2,–1/2,–1]}	(–1/2,–3/4,–1/4)	1, 5
1753	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[1/2,–1/2,–1]}	(–1/4,–1/2,–3/4)	1, 3
1754	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,–1/2,–1]}	(–1/4,–3/4,–1/2)	1, 2
1755	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[–1/2,–1/2,–1]}	(–3/4,–1/2,–1/4)	1, 3
1756	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,–1/2,–1]}	(–3/4,–1/4,–1/2)	1, 2
1757	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1/2,1/2,1]}	(1/2,1/4,–3/4)	1, 5
1758	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1/2,1/2,–1]}	(1/2,–3/4,1/4)	1, 5
1759	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[–1/2,1/2,1]}	(1/4,1/2,–3/4)	1, 3
1760	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,1/2,1]}	(1/4,–3/4,1/2)	1, 2
1761	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[–1/2,1/2,–1]}	(–3/4,1/2,1/4)	1, 3
1762	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,1/2,–1]}	(–3/4,1/4,1/2)	1, 2

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1763	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1/2,–1/2,–1]}	(–1/2,–1/4,3/4)	1, 5
1764	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1/2,–1/2,1]}	(–1/2,3/4,–1/4)	1, 5
1765	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[1/2,–1/2,–1]}	(–1/4,–1/2,3/4)	1, 3
1766	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,–1/2,–1]}	(–1/4,3/4,–1/2)	1, 2
1767	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[1/2,–1/2,1]}	(3/4,–1/2,–1/4)	1, 3
1768	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,–1/2,1]}	(3/4,–1/4,–1/2)	1, 2
1769	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1/2,1/2,–1]}	(1/2,–1/4,3/4)	1, 5
1770	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[1/2,1/2,1]}	(1/2,3/4,–1/4)	1, 5
1771	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[1/2,1/2,1]}	(3/4,1/2,–1/4)	1, 3
1772	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,1/2,1]}	(3/4,–1/4,1/2)	1, 2
1773	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[1/2,1/2,–1]}	(–1/4,1/2,3/4)	1, 3
1774	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[1/2,1/2,–1]}	(–1/4,3/4,1/2)	1, 2
1775	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1/2,–1/2,1]}	(–1/2,1/4,–3/4)	1, 5
1776	{[0, 1, 1], [1, 0, 0], [0, 1, –1]}	{[–1/2,–1/2,–1]}	(–1/2,–3/4,1/4)	1, 5
1777	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[–1/2,–1/2,–1]}	(–3/4,–1/2,1/4)	1, 3
1778	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,–1/2,–1]}	(–3/4,1/4,–1/2)	1, 2
1779	{[1, 0, 1], [0, 1, 0], [1, 0, –1]}	{[–1/2,–1/2,1]}	(1/4,–1/2,–3/4)	1, 3
1780	{[1, 1, 0], [0, 0, 1], [1, –1, 0]}	{[–1/2,–1/2,1]}	(1/4,–3/4,–1/2)	1, 2
1781	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1/2,1/2,–1]}	(1/2,–1/4,–3/4)	1, 5
1782	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1/2,1/2,–1]}	(1/2,–3/4,–1/4)	1, 5
1783	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[1/2,1/2,–1]}	(–1/4,1/2,–3/4)	1, 3
1784	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,1/2,–1]}	(–1/4,–3/4,1/2)	1, 2
1785	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[–1/2,1/2,–1]}	(–3/4,1/2,–1/4)	1, 3
1786	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,1/2,–1]}	(–3/4,–1/4,1/2)	1, 2
1787	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[–1/2,–1/2,1]}	(–1/2,1/4,3/4)	1, 5
1788	{[0, 1, –1], [1, 0, 0], [0, 1, 1]}	{[1/2,–1/2,1]}	(–1/2,3/4,1/4)	1, 5
1789	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[–1/2,–1/2,1]}	(1/4,–1/2,3/4)	1, 3
1790	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[–1/2,–1/2,1]}	(1/4,3/4,–1/2)	1, 2
1791	{[1, 0, –1], [0, 1, 0], [1, 0, 1]}	{[1/2,–1/2,1]}	(3/4,–1/2,1/4)	1, 3
1792	{[1, –1, 0], [0, 0, 1], [1, 1, 0]}	{[1/2,–1/2,1]}	(3/4,1/4,–1/2)	1,2
1793	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,0,0]}	(1/3,1/3,1/3)	1,2,3
1794	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,0,0]}	(1/3,1/3,1/3)	1,2,5
1795	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,0,0]}	(1/3,1/3,1/3)	1,3,5
1796	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[1,0,0]}	(–1/3,–1/3,–1/3)	1,2,3
1797	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[1,0,0]}	(–1/3,–1/3,–1/3)	1,2,5
1798	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[1,0,0]}	(–1/3,–1/3,–1/3)	1,3,5
1799	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,0,0]}	(1/3,1/3,–1/3)	1,2,3
1800	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[–1,0,0]}	(1/3,1/3,–1/3)	1,2,5
1801	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,0,0]}	(1/3,1/3,–1/3)	1,3,5
1802	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,0,0]}	(1/3,–1/3,1/3)	1,2,3
1803	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,0,0]}	(1/3,–1/3,1/3)	1,2,5
1804	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,0,0]}	(1/3,–1/3,1/3)	1,3,5
1805	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[1,0,0]}	(–1/3,1/3,1/3)	1,2,3
1806	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[1,0,0]}	(–1/3,1/3,1/3)	1,2,5
1807	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[1,0,0]}	(–1/3,1/3,1/3)	1,3,5
1808	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,0,0]}	(1/3,–1/3,–1/3)	1,2,3
1809	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,0,0]}	(1/3,–1/3,–1/3)	1,2,5
1810	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,0,0]}	(1/3,–1/3,–1/3)	1,3,5
1811	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[1,0,0]}	(–1/3,1/3,–1/3)	1,2,3
1812	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[1,0,0]}	(–1/3,1/3,–1/3)	1,2,5
1813	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[1,0,0]}	(–1/3,1/3,–1/3)	1,3,5
1814	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[1,0,0]}	(–1/3,–1/3,1/3)	1,2,3
1815	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[1,0,0]}	(–1/3,–1/3,1/3)	1,2,5
1816	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[1,0,0]}	(–1/3,–1/3,1/3)	1,3,5
1817	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[0,0,1]}	(1/3,1/3,2/3)	1,2,3
1818	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[0,0,1]}	(1/3,1/3,2/3)	1,2,5
1819	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[0,1,1]}	(1/3,1/3,2/3)	1,3,5
1820	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[0,1,0]}	(1/3,2/3,1/3)	1,2,3
1821	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[0,1,1]}	(1/3,2/3,1/3)	1,2,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1822	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[0,0,1]}	(1/3,2/3,1/3)	1,3,5
1823	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[0,1,1]}	(2/3,1/3,1/3)	1,2,3
1824	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[0,1,0]}	(2/3,1/3,1/3)	1,2,5
1825	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[0,1,0]}	(2/3,1/3,1/3)	1,3,5
1826	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[0,0,–1]}	(–1/3,–1/3,–2/3)	1,2,3
1827	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[0,0,–1]}	(–1/3,–1/3,–2/3)	1,2,5
1828	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[0,–1,–1]}	(–1/3,–1/3,–2/3)	1,3,5
1829	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[0,–1,0]}	(–1/3,–2/3,–1/3)	1,2,3
1830	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[0,–1,–1]}	(–1/3,–2/3,–1/3)	1,2,5
1831	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[0,0,–1]}	(–1/3,–2/3,–1/3)	1,3,5
1832	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[0,–1,–1]}	(–2/3,–1/3,–1/3)	1,2,3
1833	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[0,–1,0]}	(–2/3,–1/3,–1/3)	1,2,5
1834	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[0,–1,0]}	(–2/3,–1/3,–1/3)	1,3,5
1835	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[0,0,1]}	(1/3,1/3,–2/3)	1,2,3
1836	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[0,0,1]}	(1/3,1/3,–2/3)	1,2,5
1837	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[0,1,1]}	(1/3,1/3,–2/3)	1,3,5
1838	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[0,1,0]}	(1/3,–2/3,1/3)	1,2,3
1839	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[0,1,–1]}	(1/3,–2/3,1/3)	1,2,5
1840	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[0,0,–1]}	(1/3,–2/3,1/3)	1,3,5
1841	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[0,–1,–1]}	(–2/3,1/3,1/3)	1,2,3
1842	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[0,–1,0]}	(–2/3,1/3,1/3)	1,2,5
1843	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[0,–1,0]}	(–2/3,1/3,1/3)	1,3,5
1844	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[0,0,–1]}	(–1/3,–1/3,2/3)	1,2,3
1845	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[0,0,–1]}	(–1/3,–1/3,2/3)	1,2,5
1846	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[0,–1,–1]}	(–1/3,–1/3,2/3)	1,3,5
1847	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[0,–1,0]}	(–1/3,2/3,–1/3)	1,2,3
1848	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[0,–1,1]}	(–1/3,2/3,–1/3)	1,2,5
1849	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[0,0,1]}	(–1/3,2/3,–1/3)	1,3,5
1850	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[0,1,1]}	(2/3,–1/3,–1/3)	1,2,3
1851	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[0,1,0]}	(2/3,–1/3,–1/3)	1,2,5
1852	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[0,1,0]}	(2/3,–1/3,–1/3)	1,3,5
1853	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[0,0,1]}	(1/3,–1/3,2/3)	1,2,3
1854	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[0,0,–1]}	(1/3,–1/3,2/3)	1,2,5
1855	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[0,1,–1]}	(1/3,–1/3,2/3)	1,3,5
1856	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[0,1,0]}	(1/3,2/3,–1/3)	1,2,3
1857	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[0,1,1]}	(1/3,2/3,–1/3)	1,2,5
1858	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[0,0,1]}	(1/3,2/3,–1/3)	1,3,5
1859	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[0,1,1]}	(2/3,1/3,–1/3)	1,2,3
1860	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[0,1,0]}	(2/3,1/3,–1/3)	1,2,5
1861	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[0,1,0]}	(2/3,1/3,–1/3)	1,3,5
1862	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[0,1,1]}	(2/3,–1/3,1/3)	1,2,3
1863	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[0,1,0]}	(2/3,–1/3,1/3)	1,2,5
1864	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[0,1,0]}	(2/3,–1/3,1/3)	1,3,5
1865	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[0,0,–1]}	(–1/3,1/3,2/3)	1,2,3
1866	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[0,0,1]}	(–1/3,1/3,2/3)	1,2,5
1867	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[0,–1,1]}	(–1/3,1/3,2/3)	1,3,5
1868	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[0,–1,0]}	(–1/3,2/3,1/3)	1,2,3
1869	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[0,–1,1]}	(–1/3,2/3,1/3)	1,2,5
1870	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[0,0,1]}	(–1/3,2/3,1/3)	1,3,5
1871	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[0,0,–1]}	(–1/3,1/3,–2/3)	1,2,3
1872	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[0,0,1]}	(–1/3,1/3,–2/3)	1,2,5
1873	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[0,–1,1]}	(–1/3,1/3,–2/3)	1,3,5
1874	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[0,–1,0]}	(–1/3,–2/3,1/3)	1,2,3
1875	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[0,–1,–1]}	(–1/3,–2/3,1/3)	1,2,5
1876	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[0,0,–1]}	(–1/3,–2/3,1/3)	1,3,5
1877	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[0,–1,–1]}	(–2/3,–1/3,1/3)	1,2,3
1878	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[0,–1,0]}	(–2/3,–1/3,1/3)	1,2,5
1879	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[0,–1,0]}	(–2/3,–1/3,1/3)	1,3,5
1880	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[0,–1,–1]}	(–2/3,1/3,–1/3)	1,2,3

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1881	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[0,–1,0]}	(–2/3,1/3,–1/3)	1,2,5
1882	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[0,–1,0]}	(–2/3,1/3,–1/3)	1,3,5
1883	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[0,0,1]}	(1/3,–1/3,–2/3)	1,2,3
1884	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[0,0,–1]}	(1/3,–1/3,–2/3)	1,2,5
1885	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[0,1,–1]}	(1/3,–1/3,–2/3)	1,3,5
1886	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[0,1,0]}	(1/3,–2/3,–1/3)	1,2,3
1887	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[0,1,–1]}	(1/3,–2/3,–1/3)	1,2,5
1888	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[0,0,–1]}	(1/3,–2/3,–1/3)	1,3,5
1889	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[1,1,1]}	(1/3,2/3,2/3)	1,2,3
1890	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[1,1,0]}	(1/3,2/3,2/3)	1,2,5
1891	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[1,1,0]}	(1/3,2/3,2/3)	1,3,5
1892	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,1,0]}	(2/3,1/3,2/3)	1,2,3
1893	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,1,1]}	(2/3,1/3,2/3)	1,2,5
1894	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,0,1]}	(2/3,1/3,2/3)	1,3,5
1895	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,0,1]}	(2/3,2/3,1/3)	1,2,3
1896	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[–1,0,1]}	(2/3,2/3,1/3)	1,2,5
1897	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,1,1]}	(2/3,2/3,1/3)	1,3,5
1898	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,–1,–1]}	(–1/3,–2/3,–2/3)	1,2,3
1899	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,0]}	(–1/3,–2/3,–2/3)	1,2,5
1900	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,0]}	(–1/3,–2/3,–2/3)	1,3,5
1901	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[1,–1,0]}	(–2/3,–1/3,–2/3)	1,2,3
1902	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[1,–1,–1]}	(–2/3,–1/3,–2/3)	1,2,5
1903	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[1,0,–1]}	(–2/3,–1/3,–2/3)	1,3,5
1904	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[1,0,–1]}	(–2/3,–2/3,–1/3)	1,2,3
1905	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[1,0,–1]}	(–2/3,–2/3,–1/3)	1,2,5
1906	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[1,–1,–1]}	(–2/3,–2/3,–1/3)	1,3,5
1907	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[1,1,1]}	(1/3,2/3,–2/3)	1,2,3
1908	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[1,1,0]}	(1/3,2/3,–2/3)	1,2,5
1909	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[1,1,0]}	(1/3,2/3,–2/3)	1,3,5
1910	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[1,1,1]}	(1/3,–2/3,2/3)	1,2,3
1911	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[1,1,0]}	(1/3,–2/3,2/3)	1,2,5
1912	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[1,1,0]}	(1/3,–2/3,2/3)	1,3,5
1913	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,1,0]}	(2/3,1/3,–2/3)	1,2,3
1914	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,1,1]}	(2/3,1/3,–2/3)	1,2,5
1915	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,0,1]}	(2/3,1/3,–2/3)	1,3,5
1916	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,0,1]}	(2/3,–2/3,1/3)	1,2,3
1917	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,0,–1]}	(2/3,–2/3,1/3)	1,2,5
1918	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,1,–1]}	(2/3,–2/3,1/3)	1,3,5
1919	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[1,–1,0]}	(–2/3,1/3,2/3)	1,2,3
1920	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[1,–1,1]}	(–2/3,1/3,2/3)	1,2,5
1921	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[1,0,1]}	(–2/3,1/3,2/3)	1,3,5
1922	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[1,0,–1]}	(–2/3,2/3,1/3)	1,2,3
1923	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[1,0,1]}	(–2/3,2/3,1/3)	1,2,5
1924	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[1,–1,1]}	(–2/3,2/3,1/3)	1,3,5
1925	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,–1,–1]}	(–1/3,–2/3,2/3)	1,2,3
1926	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,0]}	(–1/3,–2/3,2/3)	1,2,5
1927	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,–1,0]}	(–1/3,–2/3,2/3)	1,3,5
1928	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,–1,–1]}	(–1/3,2/3,–2/3)	1,2,3
1929	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[–1,–1,0]}	(–1/3,2/3,–2/3)	1,2,5
1930	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,0]}	(–1/3,2/3,–2/3)	1,3,5
1931	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[1,0,–1]}	(–2/3,2/3,–1/3)	1,2,3
1932	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[1,0,1]}	(–2/3,2/3,–1/3)	1,2,5
1933	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[1,–1,1]}	(–2/3,2/3,–1/3)	1,3,5
1934	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[1,–1,0]}	(–2/3,–1/3,2/3)	1,2,3
1935	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[1,–1,–1]}	(–2/3,–1/3,2/3)	1,2,5
1936	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[1,0,–1]}	(–2/3,–1/3,2/3)	1,3,5
1937	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,1,0]}	(2/3,–1/3,–2/3)	1,2,3
1938	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[–1,1,–1]}	(2/3,–1/3,–2/3)	1,2,5
1939	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,0,–1]}	(2/3,–1/3,–2/3)	1,3,5

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1940	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,0,1]}	(2/3,–2/3,–1/3)	1,2,3
1941	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,0,–1]}	(2/3,–2/3,–1/3)	1,2,5
1942	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,1,–1]}	(2/3,–2/3,–1/3)	1,3,5
1943	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[1,1,1]}	(1/3,–2/3,–2/3)	1,2,3
1944	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[1,1,0]}	(1/3,–2/3,–2/3)	1,2,5
1945	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[1,1,0]}	(1/3,–2/3,–2/3)	1,3,5
1946	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[1,–1,0]}	(–2/3,1/3,–2/3)	1,2,3
1947	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[1,–1,1]}	(–2/3,1/3,–2/3)	1,2,5
1948	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[1,0,1]}	(–2/3,1/3,–2/3)	1,3,5
1949	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[1,0,–1]}	(–2/3,–2/3,1/3)	1,2,3
1950	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[1,0,–1]}	(–2/3,–2/3,1/3)	1,2,5
1951	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[1,–1,–1]}	(–2/3,–2/3,1/3)	1,3,5
1952	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,–1,–1]}	(–1/3,2/3,2/3)	1,2,3
1953	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,–1,0]}	(–1/3,2/3,2/3)	1,2,5
1954	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,–1,0]}	(–1/3,2/3,2/3)	1,3,5
1955	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,1,0]}	(2/3,–1/3,2/3)	1,2,3
1956	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,1,–1]}	(2/3,–1/3,2/3)	1,2,5
1957	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,0,–1]}	(2/3,–1/3,2/3)	1,3,5
1958	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,0,1]}	(2/3,2/3,–1/3)	1,2,3
1959	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,0,1]}	(2/3,2/3,–1/3)	1,2,5
1960	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,1,1]}	(2/3,2/3,–1/3)	1,3,5
1961	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,1,–1]}	(1/3,2/3,4/3)	1,2,3
1962	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,–1,1]}	(1/3,4/3,2/3)	1,2,3
1963	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[1,1,–1]}	(2/3,1/3,4/3)	1,2,5
1964	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[1,1,1]}	(2/3,4/3,1/3)	1,3,5
1965	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[–1,1,1]}	(4/3,1/3,2/3)	1,2,5
1966	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,1,1]}	(4/3,2/3,1/3)	1,3,5
1967	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[1,–1,1]}	(–1/3,–2/3,–4/3)	1,2,3
1968	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[1,1,–1]}	(–1/3,–4/3,–2/3)	1,2,3
1969	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,–1,1]}	(–2/3,–1/3,–4/3)	1,2,5
1970	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,–1,–1]}	(–2/3,–4/3,–1/3)	1,3,5
1971	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[1,–1,–1]}	(–4/3,–1/3,–2/3)	1,2,5
1972	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[1,–1,–1]}	(–4/3,–2/3,–1/3)	1,3,5
1973	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,1,–1]}	(1/3,2/3,–4/3)	1,2,3
1974	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[–1,–1,1]}	(1/3,–4/3,2/3)	1,2,3
1975	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[1,1,–1]}	(2/3,1/3,–4/3)	1,2,5
1976	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[1,1,–1]}	(2/3,–4/3,1/3)	1,3,5
1977	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[1,–1,1]}	(–4/3,1/3,2/3)	1,2,5
1978	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[1,–1,1]}	(–4/3,2/3,1/3)	1,3,5
1979	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[1,–1,1]}	(–1/3,–2/3,4/3)	1,2,3
1980	{[–1, 1, 1], [1, 1, 0], [1, 0, 1]}	{[1,1,–1]}	(–1/3,4/3,–2/3)	1,2,3
1981	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,–1,1]}	(–2/3,–1/3,4/3)	1,2,5
1982	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,–1,1]}	(–2/3,4/3,–1/3)	1,3,5
1983	{[–1, 1, –1], [1, 1, 0], [0, 1, 1]}	{[–1,1,–1]}	(4/3,–1/3,–2/3)	1,2,5
1984	{[–1, –1, 1], [1, 0, 1], [0, 1, 1]}	{[–1,1,–1]}	(4/3,–2/3,–1/3)	1,3,5
1985	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,1,–1]}	(1/3,–2/3,4/3)	1,2,3
1986	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[–1,–1,1]}	(1/3,4/3,–2/3)	1,2,3
1987	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,–1,–1]}	(–2/3,1/3,4/3)	1,2,5
1988	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,–1,1]}	(–2/3,4/3,1/3)	1,3,5
1989	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[–1,1,1]}	(4/3,1/3,–2/3)	1,2,5
1990	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[–1,1,–1]}	(4/3,–2/3,1/3)	1,3,5
1991	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[1,–1,1]}	(–1/3,2/3,–4/3)	1,2,3
1992	{[–1, –1, –1], [1, –1, 0], [1, 0, –1]}	{[1,1,–1]}	(–1/3,–4/3,2/3)	1,2,3
1993	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[1,1,1]}	(2/3,–1/3,–4/3)	1,2,5
1994	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[1,1,–1]}	(2/3,–4/3,–1/3)	1,3,5
1995	{[–1, –1, –1], [1, –1, 0], [0, 1, –1]}	{[1,–1,–1]}	(–4/3,–1/3,2/3)	1,2,5
1996	{[–1, –1, –1], [1, 0, –1], [0, 1, –1]}	{[1,–1,1]}	(–4/3,2/3,–1/3)	1,3,5
1997	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[–1,1,–1]}	(1/3,–2/3,–4/3)	1,2,3
1998	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[–1,–1,1]}	(1/3,–4/3,–2/3)	1,2,3

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3)	Blok No
1999	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[–1,–1,–1]}	(–2/3,1/3,–4/3)	1,2,5
2000	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[–1,–1,–1]}	(–2/3,–4/3,1/3)	1,3,5
2001	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[1,–1,1]}	(–4/3,1/3,–2/3)	1,2,5
2002	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[1,–1,–1]}	(–4/3,–2/3,1/3)	1,3,5
2003	{[–1, –1, 1], [1, –1, 0], [1, 0, 1]}	{[1,–1,1]}	(–1/3,2/3,4/3)	1,2,3
2004	{[–1, 1, –1], [1, 1, 0], [1, 0, –1]}	{[1,1,–1]}	(–1/3,4/3,2/3)	1,2,3
2005	{[–1, –1, 1], [1, –1, 0], [0, 1, 1]}	{[1,1,1]}	(2/3,–1/3,4/3)	1,2,5
2006	{[–1, 1, –1], [1, 0, –1], [0, 1, 1]}	{[1,1,1]}	(2/3,4/3,–1/3)	1,3,5
2007	{[–1, 1, 1], [1, 1, 0], [0, 1, –1]}	{[–1,1,–1]}	(4/3,–1/3,2/3)	1,2,5
2008	{[–1, 1, 1], [1, 0, 1], [0, 1, –1]}	{[–1,1,1]}	(4/3,2/3,–1/3)	1,3,5

Ek D. Tripotent Matrisler İçin Parametrik Sonuçlar

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3) İlk	Blok No	(c_1, c_2, c_3)
1	{[–1,1,–1],[1,1,0]}	[–1,1]	(1 – z/2,z/2,z)	1,2	x–y+z=1
2	{[1,–1,1],[1,1,0]}	[1,1]	(1 – z/2,z/2,z)	1,2	
3	{[–1,1,–1],[1,1,0]}	[–1,0]	(1/2 – z/2,–1/2 + z/2,z)	1,2	
4	{[1,–1,1],[1,1,0]}	[1,0]	(1/2 – z/2,–1/2 + z/2,z)	1,2	
5	{[–1,1,–1],[1,1,0]}	[–1,–1]	(–z/2,–1 + z/2,z)	1,2	
6	{[1,–1,1],[1,1,0]}	[1,–1]	(–z/2,–1 + z/2,z)	1,2	
7	{[–1,–1,–1],[1,–1,0]}	[–1,1]	(1 – z/2,–z/2,z)	1,2	x+y+z=1
8	{[1,1,1],[1,–1,0]}	[1,1]	(1 – z/2,–z/2,z)	1,2	
9	{[–1,–1,–1],[1,–1,0]}	[–1,0]	(1/2 – z/2,1/2 – z/2,z)	1,2	
10	{[1,1,1],[1,–1,0]}	[1,0]	(1/2 – z/2,1/2 – z/2,z)	1,2	
11	{[–1,–1,–1],[1,–1,0]}	[–1,–1]	(–z/2,1 – z/2,z)	1,2	
12	{[1,1,1],[1,–1,0]}	[1,–1]	(–z/2,1 – z/2,z)	1,2	
13	{[–1,1,–1],[1,1,0]}	[1,–1]	(–1 – z/2,z/2,z)	1,2	x–y+z=–1
14	{[1,–1,1],[1,1,0]}	[–1,–1]	(–1 – z/2,z/2,z)	1,2	
15	{[–1,1,–1],[1,1,0]}	[1,0]	(–1/2 – z/2,1/2 + z/2,z)	1,2	
16	{[1,–1,1],[1,1,0]}	[–1,0]	(–1/2 – z/2,1/2 + z/2,z)	1,2	
17	{[–1,1,–1],[1,1,0]}	[1,1]	(–z/2,1 + z/2,z)	1,2	
18	{[1,–1,1],[1,1,0]}	[–1,1]	(–z/2,1 + z/2,z)	1,2	
19	{[–1,–1,–1],[1,–1,0]}	[1,–1]	(–1 – z/2,–z/2,z)	1,2	x+y+z=–1
20	{[1,1,1],[1,–1,0]}	[–1,–1]	(–1 – z/2,–z/2,z)	1,2	
21	{[–1,–1,–1],[1,–1,0]}	[1,0]	(–1/2 – z/2,–1/2 – z/2,z)	1,2	
22	{[1,1,1],[1,–1,0]}	[–1,0]	(–1/2 – z/2,–1/2 – z/2,z)	1,2	
23	{[–1,–1,–1],[1,–1,0]}	[1,1]	(–z/2,–1 – z/2,z)	1,2	
24	{[1,1,1],[1,–1,0]}	[–1,1]	(–z/2,–1 – z/2,z)	1,2	
25	{[–1,–1,1],[1,–1,0]}	[–1,–1]	(z/2,1 + z/2,z)	1,2	x+y–z=1
26	{[1,1,–1],[1,–1,0]}	[1,–1]	(z/2,1 + z/2,z)	1,2	
27	{[–1,–1,1],[1,–1,0]}	[–1,0]	(1/2 + z/2,1/2 + z/2,z)	1,2	
28	{[1,1,–1],[1,–1,0]}	[1,0]	(1/2 + z/2,1/2 + z/2,z)	1,2	
29	{[–1,–1,1],[1,–1,0]}	[–1,1]	(1 + z/2,z/2,z)	1,2	
30	{[1,1,–1],[1,–1,0]}	[1,1]	(1 + z/2,z/2,z)	1,2	
31	{[–1,1,1],[1,1,0]}	[–1,1]	(1 + z/2,–z/2,z)	1,2	x–y–z=1
32	{[1,–1,–1],[1,1,0]}	[1,1]	(1 + z/2,–z/2,z)	1,2	
33	{[–1,1,1],[1,1,0]}	[–1,0]	(1/2 + z/2,–1/2 – z/2,z)	1,2	
34	{[1,–1,–1],[1,1,0]}	[1,0]	(1/2 + z/2,–1/2 – z/2,z)	1,2	
35	{[–1,1,1],[1,1,0]}	[–1,–1]	(z/2,–1 – z/2,z)	1,2	
36	{[1,–1,–1],[1,1,0]}	[1,–1]	(z/2,–1 – z/2,z)	1,2	
37	{[–1,–1,1],[1,–1,0]}	[1,1]	(z/2,–1 + z/2,z)	1,2	x+y–z=–1
38	{[1,1,–1],[1,–1,0]}	[–1,1]	(z/2,–1 + z/2,z)	1,2	
39	{[–1,–1,1],[1,–1,0]}	[1,0]	(–1/2 + z/2,–1/2 + z/2,z)	1,2	
40	{[1,1,–1],[1,–1,0]}	[–1,0]	(–1/2 + z/2,–1/2 + z/2,z)	1,2	
41	{[–1,–1,1],[1,–1,0]}	[1,–1]	(–1 + z/2,z/2,z)	1,2	
42	{[1,1,–1],[1,–1,0]}	[–1,–1]	(–1 + z/2,z/2,z)	1,2	
43	{[–1,1,1],[1,1,0]}	[1,–1]	(–1 + z/2,–z/2,z)	1,2	x–y–z=–1
44	{[1,–1,–1],[1,1,0]}	[–1,–1]	(–1 + z/2,–z/2,z)	1,2	
45	{[–1,1,1],[1,1,0]}	[1,0]	(–1/2 + z/2,1/2 – z/2,z)	1,2	
46	{[1,–1,–1],[1,1,0]}	[–1,0]	(–1/2 + z/2,1/2 – z/2,z)	1,2	
47	{[–1,1,1],[1,1,0]}	[1,1]	(z/2,1 – z/2,z)	1,2	
48	{[1,–1,–1],[1,1,0]}	[–1,1]	(z/2,1 – z/2,z)	1,2	
49	{[–1,–1,–1],[1,–1,0]}	[0,0]	(–z/2,–z/2,z)	1,2	x+y+z=0
50	{[1,1,1],[1,–1,0]}	[0,0]	(–z/2,–z/2,z)	1,2	
51	{[–1,–1,–1],[1,–1,0]}	[0,–1]	(–1/2 – z/2,1/2 – z/2,z)	1,2	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
52	{[1,1,1],[1,–1,0]}	[0,–1]	(–1/2 – z/2,1/2 – z/2,z)	1,2	
53	{[–1,–1,–1],[1,–1,0]}	[0,1]	(1/2 – z/2,–1/2 – z/2,z)	1,2	
54	{[1,1,1],[1,–1,0]}	[0,1]	(1/2 – z/2,–1/2 – z/2,z)	1,2	
55	{[–1,1,–1],[1,1,0]}	[0,1]	(1/2 – z/2,1/2 + z/2,z)	1,2	x–y+z=0
56	{[1,–1,1],[1,1,0]}	[0,1]	(1/2 – z/2,1/2 + z/2,z)	1,2	
57	{[–1,1,–1],[1,1,0]}	[0,–1]	(–1/2 – z/2,–1/2 + z/2,z)	1,2	
58	{[1,–1,1],[1,1,0]}	[0,–1]	(–1/2 – z/2,–1/2 + z/2,z)	1,2	
59	{[–1,1,–1],[1,1,0]}	[0,0]	(–z/2,z/2,z)	1,2	
60	{[1,–1,1],[1,1,0]}	[0,0]	(–z/2,z/2,z)	1,2	
61	{[–1,1,1],[1,1,0]}	[0,0]	(z/2,–z/2,z)	1,2	x–y–z=0
62	{[1,–1,–1],[1,1,0]}	[0,0]	(z/2,–z/2,z)	1,2	
63	{[–1,1,1],[1,1,0]}	[0,–1]	(–1/2 + z/2,–1/2 – z/2,z)	1,2	
64	{[1,–1,–1],[1,1,0]}	[0,–1]	(–1/2 + z/2,–1/2 – z/2,z)	1,2	
65	{[–1,1,1],[1,1,0]}	[0,1]	(1/2 + z/2,1/2 – z/2,z)	1,2	
66	{[1,–1,–1],[1,1,0]}	[0,1]	(1/2 + z/2,1/2 – z/2,z)	1,2	
67	{[–1,–1,1],[1,–1,0]}	[0,1]	(1/2 + z/2,–1/2 + z/2,z)	1,2	x+y–z=0
68	{[1,1,–1],[1,–1,0]}	[0,1]	(1/2 + z/2,–1/2 + z/2,z)	1,2	
69	{[–1,–1,1],[1,–1,0]}	[0,–1]	(–1/2 + z/2,1/2 + z/2,z)	1,2	
70	{[1,1,–1],[1,–1,0]}	[0,–1]	(–1/2 + z/2,1/2 + z/2,z)	1,2	
71	{[–1,–1,1],[1,–1,0]}	[0,0]	(z/2,z/2,z)	1,2	
72	{[1,1,–1],[1,–1,0]}	[0,0]	(z/2,z/2,z)	1,2	
73	{[–1,–1,1],[1,1,0]}	[1,1]	(1 – y,y,2)	1,2	x+y=1, z=2
74	{[1,1,–1],[1,1,0]}	[–1,1]	(1 – y,y,2)	1,2	
75	{[–1,–1,–1],[1,1,0]}	[1,1]	(1 – y,y,–2)	1,2	x+y=1, z=–2
76	{[1,1,1],[1,1,0]}	[–1,1]	(1 – y,y,–2)	1,2	
77	{[–1,–1,–1],[1,1,0]}	[–1,–1]	(–1 – y,y,2)	1,2	x+y=–1, z=2
78	{[1,1,1],[1,1,0]}	[1,–1]	(–1 – y,y,2)	1,2	
79	{[–1,–1,1],[1,1,0]}	[–1,–1]	(–1 – y,y,–2)	1,2	x+y=–1, z=–2
80	{[1,1,–1],[1,1,0]}	[1,–1]	(–1 – y,y,–2)	1,2	
81	{[–1,1,1],[1,–1,0]}	[1,1]	(1 + y,y,2)	1,2	x–y=1, z=2
82	{[1,–1,–1],[1,–1,0]}	[–1,1]	(1 + y,y,2)	1,2	
83	{[–1,1,–1],[1,–1,0]}	[1,1]	(1 + y,y,–2)	1,2	x–y=1, z=–2
84	{[1,–1,1],[1,–1,0]}	[–1,1]	(1 + y,y,–2)	1,2	
85	{[–1,1,–1],[1,–1,0]}	[–1,–1]	(–1 + y,y,2)	1,2	x–y=–1, z=2
86	{[1,–1,1],[1,–1,0]}	[1,–1]	(–1 + y,y,2)	1,2	
87	{[–1,1,1],[1,–1,0]}	[–1,–1]	(–1 + y,y,–2)	1,2	x–y=–1, z=–2
88	{[1,–1,–1],[1,–1,0]}	[1,–1]	(–1 + y,y,–2)	1,2	
89	{[–1,1,1],[1,0,1]}	[0,0]	(–z,–2*z,z)	1,3	x–y–z=0
90	{[1,–1,–1],[1,0,1]}	[0,0]	(–z,–2*z,z)	1,3	
91	{[–1,1,1],[1,0,1]}	[0,–1]	(–1 – z,–1 – 2*z,z)	1,3	
92	{[1,–1,–1],[1,0,1]}	[0,–1]	(–1 – z,–1 – 2*z,z)	1,3	
93	{[–1,1,1],[1,0,1]}	[0,1]	(1 – z,1 – 2*z,z)	1,3	
94	{[1,–1,–1],[1,0,1]}	[0,1]	(1 – z,1 – 2*z,z)	1,3	
95	{[–1,–1,1],[1,0,1]}	[0,1]	(1 – z,–1 + 2*z,z)	1,3	x+y–z=0
96	{[1,1,–1],[1,0,1]}	[0,1]	(1 – z,–1 + 2*z,z)	1,3	
97	{[–1,–1,1],[1,0,1]}	[0,–1]	(–1 – z,1 + 2*z,z)	1,3	
98	{[1,1,–1],[1,0,1]}	[0,–1]	(–1 – z,1 + 2*z,z)	1,3	
99	{[–1,–1,1],[1,0,1]}	[0,0]	(–z,2*z,z)	1,3	
100	{[1,1,–1],[1,0,1]}	[0,0]	(–z,2*z,z)	1,3	
101	{[–1,1,1],[1,0,1]}	[1,0]	(–z,1 – 2*z,z)	1,3	x–y–z=–1
102	{[1,–1,–1],[1,0,1]}	[–1,0]	(–z,1 – 2*z,z)	1,3	
103	{[–1,1,1],[1,0,1]}	[1,–1]	(–1 – z,–2*z,z)	1,3	
104	{[1,–1,–1],[1,0,1]}	[–1,–1]	(–1 – z,–2*z,z)	1,3	
105	{[–1,1,1],[1,0,1]}	[1,1]	(1 – z,2 – 2*z,z)	1,3	
106	{[1,–1,–1],[1,0,1]}	[–1,1]	(1 – z,2 – 2*z,z)	1,3	
107	{[–1,–1,1],[1,0,1]}	[1,1]	(1 – z,–2 + 2*z,z)	1,3	x+y–z=–1
108	{[1,1,–1],[1,0,1]}	[–1,1]	(1 – z,–2 + 2*z,z)	1,3	
109	{[–1,–1,1],[1,0,1]}	[1,–1]	(–1 – z,2*z,z)	1,3	
110	{[1,1,–1],[1,0,1]}	[–1,–1]	(–1 – z,2*z,z)	1,3	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
111	{[–1,–1,1],[1,0,1]}	[1,0]	(–z,–1 + 2*z,z)	1,3	
112	{[1,1,–1],[1,0,1]}	[–1,0]	(–z,–1 + 2*z,z)	1,3	
113	{[–1,–1,1],[1,0,1]}	[–1,0]	(–z,1 + 2*z,z)	1,3	x+y–z=1
114	{[1,1,–1],[1,0,1]}	[1,0]	(–z,1 + 2*z,z)	1,3	
115	{[–1,–1,1],[1,0,1]}	[–1,–1]	(–1 – z,2 + 2*z,z)	1,3	
116	{[1,1,–1],[1,0,1]}	[1,–1]	(–1 – z,2 + 2*z,z)	1,3	
117	{[–1,–1,1],[1,0,1]}	[–1,1]	(1 – z,2*z,z)	1,3	
118	{[1,1,–1],[1,0,1]}	[1,1]	(1 – z,2*z,z)	1,3	
119	{[–1,1,1],[1,0,1]}	[–1,1]	(1 – z,–2*z,z)	1,3	x–y–z=1
120	{[1,–1,–1],[1,0,1]}	[1,1]	(1 – z,–2*z,z)	1,3	
121	{[–1,1,1],[1,0,1]}	[–1,–1]	(–1 – z,–2 – 2*z,z)	1,3	
122	{[1,–1,–1],[1,0,1]}	[1,–1]	(–1 – z,–2 – 2*z,z)	1,3	
123	{[–1,1,1],[1,0,1]}	[–1,0]	(–z,–1 – 2*z,z)	1,3	
124	{[1,–1,–1],[1,0,1]}	[1,0]	(–z,–1 – 2*z,z)	1,3	
125	{[–1,–1,–1],[1,0,–1]}	[0,0]	(z,–2*z,z)	1,3	x+y+z=0
126	{[1,1,1],[1,0,–1]}	[0,0]	(z,–2*z,z)	1,3	
127	{[–1,–1,–1],[1,0,–1]}	[0,–1]	(–1 + z,1 – 2*z,z)	1,3	
128	{[1,1,1],[1,0,–1]}	[0,–1]	(–1 + z,1 – 2*z,z)	1,3	
129	{[–1,–1,–1],[1,0,–1]}	[0,1]	(1 + z,–1 – 2*z,z)	1,3	
130	{[1,1,1],[1,0,–1]}	[0,1]	(1 + z,–1 – 2*z,z)	1,3	
131	{[–1,1,–1],[1,0,–1]}	[0,1]	(1 + z,1 + 2*z,z)	1,3	x–y+z=0
132	{[1,–1,1],[1,0,–1]}	[0,1]	(1 + z,1 + 2*z,z)	1,3	
133	{[–1,1,–1],[1,0,–1]}	[0,–1]	(–1 + z,–1 + 2*z,z)	1,3	
134	{[1,–1,1],[1,0,–1]}	[0,–1]	(–1 + z,–1 + 2*z,z)	1,3	
135	{[–1,1,–1],[1,0,–1]}	[0,0]	(z,2*z,z)	1,3	
136	{[1,–1,1],[1,0,–1]}	[0,0]	(z,2*z,z)	1,3	
137	{[–1,–1,–1],[1,0,–1]}	[1,0]	(z,–1 – 2*z,z)	1,3	x+y+z=–1
138	{[1,1,1],[1,0,–1]}	[–1,0]	(z,–1 – 2*z,z)	1,3	
139	{[–1,–1,–1],[1,0,–1]}	[1,–1]	(–1 + z,–2*z,z)	1,3	
140	{[1,1,1],[1,0,–1]}	[–1,–1]	(–1 + z,–2*z,z)	1,3	
141	{[–1,–1,–1],[1,0,–1]}	[1,1]	(1 + z,–2 – 2*z,z)	1,3	
142	{[1,1,1],[1,0,–1]}	[–1,1]	(1 + z,–2 – 2*z,z)	1,3	
143	{[–1,1,–1],[1,0,–1]}	[1,1]	(1 + z,2 + 2*z,z)	1,3	x–y+z=–1
144	{[1,–1,1],[1,0,–1]}	[–1,1]	(1 + z,2 + 2*z,z)	1,3	
145	{[–1,1,–1],[1,0,–1]}	[1,–1]	(–1 + z,2*z,z)	1,3	
146	{[1,–1,1],[1,0,–1]}	[–1,–1]	(–1 + z,2*z,z)	1,3	
147	{[–1,1,–1],[1,0,–1]}	[1,0]	(z,1 + 2*z,z)	1,3	
148	{[1,–1,1],[1,0,–1]}	[–1,0]	(z,1 + 2*z,z)	1,3	
149	{[–1,1,–1],[1,0,–1]}	[–1,1]	(1 + z,2*z,z)	1,3	x–y+z=1
150	{[1,–1,1],[1,0,–1]}	[1,1]	(1 + z,2*z,z)	1,3	
151	{[–1,1,–1],[1,0,–1]}	[–1,–1]	(–1 + z,–2 + 2*z,z)	1,3	
152	{[1,–1,1],[1,0,–1]}	[1,–1]	(–1 + z,–2 + 2*z,z)	1,3	
153	{[–1,1,–1],[1,0,–1]}	[–1,0]	(z,–1 + 2*z,z)	1,3	
154	{[1,–1,1],[1,0,–1]}	[1,0]	(z,–1 + 2*z,z)	1,3	
155	{[–1,–1,–1],[1,0,–1]}	[–1,0]	(z,1 – 2*z,z)	1,3	x+y+z=1
156	{[1,1,1],[1,0,–1]}	[1,0]	(z,1 – 2*z,z)	1,3	
157	{[–1,–1,–1],[1,0,–1]}	[–1,–1]	(–1 + z,2 – 2*z,z)	1,3	
158	{[1,1,1],[1,0,–1]}	[1,–1]	(–1 + z,2 – 2*z,z)	1,3	
159	{[–1,–1,–1],[1,0,–1]}	[–1,1]	(1 + z,–2*z,z)	1,3	
160	{[1,1,1],[1,0,–1]}	[1,1]	(1 + z,–2*z,z)	1,3	
161	{[–1,1,–1],[1,0,1]}	[1,1]	(1 – z,2,z)	1,3	x+z=1, y=2
162	{[1,–1,1],[1,0,1]}	[–1,1]	(1 – z,2,z)	1,3	
163	{[–1,–1,–1],[1,0,1]}	[1,1]	(1 – z,–2,z)	1,3	x+z=1, y=–2
164	{[1,1,1],[1,0,1]}	[–1,1]	(1 – z,–2,z)	1,3	
165	{[–1,–1,–1],[1,0,1]}	[–1,–1]	(–1 – z,2,z)	1,3	x+z=–1, y=2
166	{[1,1,1],[1,0,1]}	[1,–1]	(–1 – z,2,z)	1,3	
167	{[–1,1,–1],[1,0,1]}	[–1,–1]	(–1 – z,–2,z)	1,3	x+z=–1, y=–2
168	{[1,–1,1],[1,0,1]}	[1,–1]	(–1 – z,–2,z)	1,3	
169	{[–1,1,1],[1,0,–1]}	[1,1]	(1 + z,2,z)	1,3	x–z=1, y=2

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
170	{[1,–1,–1],[1,0,–1]}	[–1,1]	(1 + z,2,z)	1,3	
171	{[–1,–1,1],[1,0,–1]}	[1,1]	(1 + z,–2,z)	1,3	x–z=1, y=–2
172	{[1,1,–1],[1,0,–1]}	[–1,1]	(1 + z,–2,z)	1,3	
173	{[–1,–1,1],[1,0,–1]}	[–1,–1]	(–1 + z,2,z)	1,3	x–z=–1, y=2
174	{[1,1,–1],[1,0,–1]}	[1,–1]	(–1 + z,2,z)	1,3	
175	{[–1,1,1],[1,0,–1]}	[–1,–1]	(–1 + z,–2,z)	1,3	x–z=–1, y=–2
176	{[1,–1,–1],[1,0,–1]}	[1,–1]	(–1 + z,–2,z)	1,3	
177	{[–1,1,–1],[0,1,1]}	[1,0]	(–1 – 2*z,–z,z)	1,5	x–y+z=–1
178	{[1,–1,1],[0,1,1]}	[–1,0]	(–1 – 2*z,–z,z)	1,5	
179	{[–1,1,–1],[0,1,1]}	[1,–1]	(–2 – 2*z,–1 – z,z)	1,5	
180	{[1,–1,1],[0,1,1]}	[–1,–1]	(–2 – 2*z,–1 – z,z)	1,5	
181	{[–1,1,–1],[0,1,1]}	[1,1]	(–2*z,1 – z,z)	1,5	
182	{[1,–1,1],[0,1,1]}	[–1,1]	(–2*z,1 – z,z)	1,5	
183	{[–1,1,–1],[0,1,1]}	[0,0]	(–2*z,–z,z)	1,5	x–y+z=0
184	{[1,–1,1],[0,1,1]}	[0,0]	(–2*z,–z,z)	1,5	
185	{[–1,1,–1],[0,1,1]}	[0,–1]	(–1 – 2*z,–1 – z,z)	1,5	
186	{[1,–1,1],[0,1,1]}	[0,–1]	(–1 – 2*z,–1 – z,z)	1,5	
187	{[–1,1,–1],[0,1,1]}	[0,1]	(1 – 2*z,1 – z,z)	1,5	
188	{[1,–1,1],[0,1,1]}	[0,1]	(1 – 2*z,1 – z,z)	1,5	
189	{[–1,–1,–1],[0,1,–1]}	[0,–1]	(1 – 2*z,–1 + z,z)	1,5	x+y+z=0
190	{[1,1,1],[0,1,–1]}	[0,–1]	(1 – 2*z,–1 + z,z)	1,5	
191	{[–1,–1,–1],[0,1,–1]}	[0,1]	(–1 – 2*z,1 + z,z)	1,5	
192	{[1,1,1],[0,1,–1]}	[0,1]	(–1 – 2*z,1 + z,z)	1,5	
193	{[–1,–1,–1],[0,1,–1]}	[0,0]	(–2*z,z,z)	1,5	
194	{[1,1,1],[0,1,–1]}	[0,0]	(–2*z,z,z)	1,5	
195	{[–1,–1,–1],[0,1,–1]}	[–1,1]	(–2*z,1 + z,z)	1,5	x+y+z=1
196	{[1,1,1],[0,1,–1]}	[1,1]	(–2*z,1 + z,z)	1,5	
197	{[–1,–1,–1],[0,1,–1]}	[–1,–1]	(2 – 2*z,–1 + z,z)	1,5	
198	{[1,1,1],[0,1,–1]}	[1,–1]	(2 – 2*z,–1 + z,z)	1,5	
199	{[–1,–1,–1],[0,1,–1]}	[–1,0]	(1 – 2*z,z,z)	1,5	
200	{[1,1,1],[0,1,–1]}	[1,0]	(1 – 2*z,z,z)	1,5	
201	{[–1,1,–1],[0,1,1]}	[–1,0]	(1 – 2*z,–z,z)	1,5	x–y+z=1
202	{[1,–1,1],[0,1,1]}	[1,0]	(1 – 2*z,–z,z)	1,5	
203	{[–1,1,–1],[0,1,1]}	[–1,1]	(2 – 2*z,1 – z,z)	1,5	
204	{[1,–1,1],[0,1,1]}	[1,1]	(2 – 2*z,1 – z,z)	1,5	
205	{[–1,1,–1],[0,1,1]}	[–1,–1]	(–2*z,–1 – z,z)	1,5	
206	{[1,–1,1],[0,1,1]}	[1,–1]	(–2*z,–1 – z,z)	1,5	
207	{[–1,–1,–1],[0,1,–1]}	[1,–1]	(–2*z,–1 + z,z)	1,5	x+y+z=–1
208	{[1,1,1],[0,1,–1]}	[–1,–1]	(–2*z,–1 + z,z)	1,5	
209	{[–1,–1,–1],[0,1,–1]}	[1,1]	(–2 – 2*z,1 + z,z)	1,5	
210	{[1,1,1],[0,1,–1]}	[–1,1]	(–2 – 2*z,1 + z,z)	1,5	
211	{[–1,–1,–1],[0,1,–1]}	[1,0]	(–1 – 2*z,z,z)	1,5	
212	{[1,1,1],[0,1,–1]}	[–1,0]	(–1 – 2*z,z,z)	1,5	
213	{[–1,–1,1],[0,1,1]}	[0,–1]	(1 + 2*z,–1 – z,z)	1,5	x+y–z=0
214	{[1,1,–1],[0,1,1]}	[0,–1]	(1 + 2*z,–1 – z,z)	1,5	
215	{[–1,–1,1],[0,1,1]}	[0,1]	(–1 + 2*z,1 – z,z)	1,5	
216	{[1,1,–1],[0,1,1]}	[0,1]	(–1 + 2*z,1 – z,z)	1,5	
217	{[–1,–1,1],[0,1,1]}	[0,0]	(2*z,–z,z)	1,5	
218	{[1,1,–1],[0,1,1]}	[0,0]	(2*z,–z,z)	1,5	
219	{[–1,1,1],[0,1,–1]}	[0,0]	(2*z,z,z)	1,5	x–y–z=0
220	{[1,–1,–1],[0,1,–1]}	[0,0]	(2*z,z,z)	1,5	
221	{[–1,1,1],[0,1,–1]}	[0,–1]	(–1 + 2*z,–1 + z,z)	1,5	
222	{[1,–1,–1],[0,1,–1]}	[0,–1]	(–1 + 2*z,–1 + z,z)	1,5	
223	{[–1,1,1],[0,1,–1]}	[0,1]	(1 + 2*z,1 + z,z)	1,5	
224	{[1,–1,–1],[0,1,–1]}	[0,1]	(1 + 2*z,1 + z,z)	1,5	
225	{[–1,1,1],[0,1,–1]}	[–1,0]	(1 + 2*z,z,z)	1,5	x–y–z=1
226	{[1,–1,–1],[0,1,–1]}	[1,0]	(1 + 2*z,z,z)	1,5	
227	{[–1,1,1],[0,1,–1]}	[–1,1]	(2 + 2*z,1 + z,z)	1,5	
228	{[1,–1,–1],[0,1,–1]}	[1,1]	(2 + 2*z,1 + z,z)	1,5	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3) İlk	Blok No	(c_1, c_2, c_3)
229	{[–1,1,1],[0,1,–1]}	[–1,–1]	(2*z,–1 + z,z)	1,5	
230	{[1,–1,–1],[0,1,–1]}	[1,–1]	(2*z,–1 + z,z)	1,5	
231	{[–1,–1,1],[0,1,1]}	[–1,1]	(2*z,1 – z,z)	1,5	x+y–z=1
232	{[1,1,–1],[0,1,1]}	[1,1]	(2*z,1 – z,z)	1,5	
233	{[–1,–1,1],[0,1,1]}	[–1,–1]	(2 + 2*z,–1 – z,z)	1,5	
234	{[1,1,–1],[0,1,1]}	[1,–1]	(2 + 2*z,–1 – z,z)	1,5	
235	{[–1,–1,1],[0,1,1]}	[–1,0]	(1 + 2*z,–z,z)	1,5	
236	{[1,1,–1],[0,1,1]}	[1,0]	(1 + 2*z,–z,z)	1,5	
237	{[–1,1,1],[0,1,–1]}	[1,0]	(–1 + 2*z,z,z)	1,5	x–y–z=–1
238	{[1,–1,–1],[0,1,–1]}	[–1,0]	(–1 + 2*z,z,z)	1,5	
239	{[–1,1,1],[0,1,–1]}	[1,–1]	(–2 + 2*z,–1 + z,z)	1,5	
240	{[1,–1,–1],[0,1,–1]}	[–1,–1]	(–2 + 2*z,–1 + z,z)	1,5	
241	{[–1,1,1],[0,1,–1]}	[1,1]	(2*z,1 + z,z)	1,5	
242	{[1,–1,–1],[0,1,–1]}	[–1,1]	(2*z,1 + z,z)	1,5	
243	{[–1,–1,1],[0,1,1]}	[1,–1]	(2*z,–1 – z,z)	1,5	x+y–z=–1
244	{[1,1,–1],[0,1,1]}	[–1,–1]	(2*z,–1 – z,z)	1,5	
245	{[–1,–1,1],[0,1,1]}	[1,1]	(–2 + 2*z,1 – z,z)	1,5	
246	{[1,1,–1],[0,1,1]}	[–1,1]	(–2 + 2*z,1 – z,z)	1,5	
247	{[–1,–1,1],[0,1,1]}	[1,0]	(–1 + 2*z,–z,z)	1,5	
248	{[1,1,–1],[0,1,1]}	[–1,0]	(–1 + 2*z,–z,z)	1,5	
249	{[–1,1,1],[0,1,1]}	[–1,1]	(2,1 – z,z)	1,5	y+z=1, x=2
250	{[1,–1,–1],[0,1,1]}	[1,1]	(2,1 – z,z)	1,5	
251	{[–1,–1,–1],[0,1,1]}	[–1,–1]	(2,–1 – z,z)	1,5	y+z=–1, x=2
252	{[1,1,1],[0,1,1]}	[1,–1]	(2,–1 – z,z)	1,5	
253	{[–1,1,–1],[0,1,–1]}	[–1,1]	(2,1 + z,z)	1,5	y–z=1, x=2
254	{[1,–1,1],[0,1,–1]}	[1,1]	(2,1 + z,z)	1,5	
255	{[–1,–1,1],[0,1,–1]}	[–1,–1]	(2,–1 + z,z)	1,5	y–z=–1, x=2
256	{[1,1,–1],[0,1,–1]}	[1,–1]	(2,–1 + z,z)	1,5	
257	{[–1,–1,–1],[0,1,1]}	[1,1]	(–2,1 – z,z)	1,5	y+z=1, x=–2
258	{[1,1,1],[0,1,1]}	[–1,1]	(–2,1 – z,z)	1,5	
259	{[–1,1,1],[0,1,1]}	[1,–1]	(–2,–1 – z,z)	1,5	y+z=–1, x=–2
260	{[1,–1,–1],[0,1,1]}	[–1,–1]	(–2,–1 – z,z)	1,5	
261	{[–1,–1,1],[0,1,–1]}	[1,1]	(–2,1 + z,z)	1,5	y–z=1, x=–2
262	{[1,1,–1],[0,1,–1]}	[–1,1]	(–2,1 + z,z)	1,5	
263	{[–1,1,–1],[0,1,–1]}	[1,–1]	(–2,–1 + z,z)	1,5	y–z=–1, x=–2
264	{[1,–1,1],[0,1,–1]}	[–1,–1]	(–2,–1 + z,z)	1,5	
265	{[1,–1,0],[1,0,1]}	[–1,1]	(1 – z,2 – z,z)	2,3	2x–y+z=0
266	{[1,–1,0],[1,0,1]}	[1,–1]	(–1 – z,–2 – z,z)	2,3	
267	{[1,1,0],[1,0,1]}	[–1,1]	(1 – z,–2 + z,z)	2,3	2x+y+z=0
268	{[1,1,0],[1,0,1]}	[1,–1]	(–1 – z,2 + z,z)	2,3	
269	{[1,1,0],[1,0,–1]}	[–1,1]	(1 + z,–2 – z,z)	2,3	2x+y–z=0
270	{[1,1,0],[1,0,–1]}	[1,–1]	(–1 + z,2 – z,z)	2,3	
271	{[1,–1,0],[1,0,–1]}	[1,–1]	(–1 + z,–2 + z,z)	2,3	2x–y–z=0
272	{[1,–1,0],[1,0,–1]}	[–1,1]	(1 + z,2 + z,z)	2,3	
273	{[1,–1,0],[0,1,1]}	[1,1]	(2 – z,1 – z,z)	2,5	–x+2y+z=0
274	{[1,–1,0],[0,1,1]}	[–1,–1]	(–2 – z,–1 – z,z)	2,5	
275	{[1,1,0],[0,1,–1]}	[1,–1]	(2 – z,–1 + z,z)	2,5	x+2y–z=0
276	{[1,1,0],[0,1,–1]}	[–1,1]	(–2 – z,1 + z,z)	2,5	
277	{[1,1,0],[0,1,1]}	[1,–1]	(2 + z,–1 – z,z)	2,5	x+2y+z=0
278	{[1,1,0],[0,1,1]}	[–1,1]	(–2 + z,1 – z,z)	2,5	
279	{[1,–1,0],[0,1,–1]}	[1,1]	(2 + z,1 + z,z)	2,5	–x+2y–z=0
280	{[1,–1,0],[0,1,–1]}	[–1,–1]	(–2 + z,–1 + z,z)	2,5	
281	{[1,0,1],[0,1,1]}	[1,–1]	(1 – z,–1 – z,z)	3,5	x+y+2z=0
282	{[1,0,1],[0,1,1]}	[–1,1]	(–1 – z,1 – z,z)	3,5	
283	{[1,0,1],[0,1,–1]}	[–1,–1]	(–1 – z,–1 + z,z)	3,5	x–y+2z=0
284	{[1,0,1],[0,1,–1]}	[1,1]	(1 – z,1 + z,z)	3,5	
285	{[1,0,–1],[0,1,1]}	[1,1]	(1 + z,1 – z,z)	3,5	–x+y+2z=0
286	{[1,0,–1],[0,1,1]}	[–1,–1]	(–1 + z,–1 – z,z)	3,5	
287	{[1,0,–1],[0,1,–1]}	[–1,1]	(–1 + z,1 + z,z)	3,5	–x–y+2z=0

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3) İlk	Blok No	(c_1, c_2, c_3)
288	{[1,0,–1],[0,1,–1]}	[1,–1]	(1 + z,–1 + z,z)	3,5	
289	{[1,–1,0],[1,0,1]}	[0,1]	(1 – z,1 – z,z)	2,3	2x–y+z=1
290	{[1,–1,0],[1,0,1],[0,1,1]}	[0,1,1]	(1 – z,1 – z,z)	2,3,5	
291	{[1,–1,0],[0,1,1]}	[0,1]	(1 – z,1 – z,z)	2,5	
292	{[1,0,1],[0,1,1]}	[1,1]	(1 – z,1 – z,z)	3,5	
293	{[1,–1,0],[1,0,1]}	[1,0]	(–z,–1 – z,z)	2,3	
294	{[1,–1,0],[1,0,1],[0,1,1]}	[1,0,–1]	(–z,–1 – z,z)	2,3,5	
295	{[1,–1,0],[0,1,1]}	[1,–1]	(–z,–1 – z,z)	2,5	
296	{[1,0,1],[0,1,1]}	[0,–1]	(–z,–1 – z,z)	3,5	
297	{[1,1,0],[1,0,1]}	[0,1]	(1 – z,–1 + z,z)	2,3	2x+y+z=1
298	{[1,1,0],[1,0,1],[0,1,–1]}	[0,1,–1]	(1 – z,–1 + z,z)	2,3,5	
299	{[1,1,0],[0,1,–1]}	[0,–1]	(1 – z,–1 + z,z)	2,5	
300	{[1,0,1],[0,1,–1]}	[1,–1]	(1 – z,–1 + z,z)	3,5	
301	{[1,1,0],[1,0,1]}	[1,0]	(–z,1 + z,z)	2,3	
302	{[1,1,0],[1,0,1],[0,1,–1]}	[1,0,1]	(–z,1 + z,z)	2,3,5	
303	{[1,1,0],[0,1,–1]}	[1,1]	(–z,1 + z,z)	2,5	
304	{[1,0,1],[0,1,–1]}	[0,1]	(–z,1 + z,z)	3,5	
305	{[1,–1,0],[1,0,1]}	[0,–1]	(–1 – z,–1 – z,z)	2,3	2x–y+z=–1
306	{[1,–1,0],[1,0,1],[0,1,1]}	[0,–1,–1]	(–1 – z,–1 – z,z)	2,3,5	
307	{[1,–1,0],[0,1,1]}	[0,–1]	(–1 – z,–1 – z,z)	2,5	
308	{[1,0,1],[0,1,1]}	[–1,–1]	(–1 – z,–1 – z,z)	3,5	
309	{[1,–1,0],[1,0,1]}	[–1,0]	(–z,1 – z,z)	2,3	
310	{[1,–1,0],[1,0,1],[0,1,1]}	[–1,0,1]	(–z,1 – z,z)	2,3,5	
311	{[1,–1,0],[0,1,1]}	[–1,1]	(–z,1 – z,z)	2,5	
312	{[1,0,1],[0,1,1]}	[0,1]	(–z,1 – z,z)	3,5	
313	{[1,1,0],[1,0,1]}	[0,–1]	(–1 – z,1 + z,z)	2,3	2x+y+z=–1
314	{[1,1,0],[1,0,1],[0,1,–1]}	[0,–1,1]	(–1 – z,1 + z,z)	2,3,5	
315	{[1,1,0],[0,1,–1]}	[0,1]	(–1 – z,1 + z,z)	2,5	
316	{[1,0,1],[0,1,–1]}	[–1,1]	(–1 – z,1 + z,z)	3,5	
317	{[1,1,0],[1,0,1]}	[–1,0]	(–z,–1 + z,z)	2,3	
318	{[1,1,0],[1,0,1],[0,1,–1]}	[–1,0,–1]	(–z,–1 + z,z)	2,3,5	
319	{[1,1,0],[0,1,–1]}	[–1,–1]	(–z,–1 + z,z)	2,5	
320	{[1,0,1],[0,1,–1]}	[0,–1]	(–z,–1 + z,z)	3,5	
321	{[1,1,0],[1,0,–1]}	[0,1]	(1 + z,–1 – z,z)	2,3	2x+y–z=1
322	{[1,1,0],[1,0,–1],[0,1,1]}	[0,1,–1]	(1 + z,–1 – z,z)	2,3,5	
323	{[1,1,0],[0,1,1]}	[0,–1]	(1 + z,–1 – z,z)	2,5	
324	{[1,0,–1],[0,1,1]}	[1,–1]	(1 + z,–1 – z,z)	3,5	
325	{[1,1,0],[1,0,–1]}	[1,0]	(z,1 – z,z)	2,3	
326	{[1,1,0],[1,0,–1],[0,1,1]}	[1,0,1]	(z,1 – z,z)	2,3,5	
327	{[1,1,0],[0,1,1]}	[1,1]	(z,1 – z,z)	2,5	
328	{[1,0,–1],[0,1,1]}	[0,1]	(z,1 – z,z)	3,5	
329	{[1,–1,0],[1,0,–1]}	[0,1]	(1 + z,1 + z,z)	2,3	2x–y–z=1
330	{[1,–1,0],[1,0,–1],[0,1,–1]}	[0,1,1]	(1 + z,1 + z,z)	2,3,5	
331	{[1,–1,0],[0,1,–1]}	[0,1]	(1 + z,1 + z,z)	2,5	
332	{[1,0,–1],[0,1,–1]}	[1,1]	(1 + z,1 + z,z)	3,5	
333	{[1,–1,0],[1,0,–1]}	[1,0]	(z,–1 + z,z)	2,3	
334	{[1,–1,0],[1,0,–1],[0,1,–1]}	[1,0,–1]	(z,–1 + z,z)	2,3,5	
335	{[1,–1,0],[0,1,–1]}	[1,–1]	(z,–1 + z,z)	2,5	
336	{[1,0,–1],[0,1,–1]}	[0,–1]	(z,–1 + z,z)	3,5	
337	{[1,1,0],[1,0,–1]}	[0,–1]	(–1 + z,1 – z,z)	2,3	2x+y–z=–1
338	{[1,1,0],[1,0,–1],[0,1,1]}	[0,–1,1]	(–1 + z,1 – z,z)	2,3,5	
339	{[1,1,0],[0,1,1]}	[0,1]	(–1 + z,1 – z,z)	2,5	
340	{[1,0,–1],[0,1,1]}	[–1,1]	(–1 + z,1 – z,z)	3,5	
341	{[1,1,0],[1,0,–1]}	[–1,0]	(z,–1 – z,z)	2,3	
342	{[1,1,0],[1,0,–1],[0,1,1]}	[–1,0,–1]	(z,–1 – z,z)	2,3,5	
343	{[1,1,0],[0,1,1]}	[–1,–1]	(z,–1 – z,z)	2,5	
344	{[1,0,–1],[0,1,1]}	[0,–1]	(z,–1 – z,z)	3,5	
345	{[1,–1,0],[1,0,–1]}	[0,–1]	(–1 + z,–1 + z,z)	2,3	2x–y–z=–1
346	{[1,–1,0],[1,0,–1],[0,1,–1]}	[0,–1,–1]	(–1 + z,–1 + z,z)	2,3,5	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
347	{[1,–1,0],[0,1,–1]}	[0,–1]	(–1 + z,–1 + z,z)	2,5	
348	{[1,0,–1],[0,1,–1]}	[–1,–1]	(–1 + z,–1 + z,z)	3,5	
349	{[1,–1,0],[1,0,–1]}	[–1,0]	(z,1 + z,z)	2,3	
350	{[1,–1,0],[1,0,–1],[0,1,–1]}	[–1,0,1]	(z,1 + z,z)	2,3,5	
351	{[1,–1,0],[0,1,–1]}	[–1,1]	(z,1 + z,z)	2,5	
352	{[1,0,–1],[0,1,–1]}	[0,1]	(z,1 + z,z)	3,5	
353	{[1,–1,0],[1,0,–1]}	[–1,–1]	(–1 + z,z,z)	2,3	2x–y–z=–2
354	{[1,–1,0],[1,0,–1],[0,1,–1]}	[–1,–1,0]	(–1 + z,z,z)	2,3,5	
355	{[1,–1,0],[0,1,–1]}	[–1,0]	(–1 + z,z,z)	2,5	
356	{[1,0,–1],[0,1,–1]}	[–1,0]	(–1 + z,z,z)	3,5	
357	{[1,1,0],[1,0,–1]}	[–1,–1]	(–1 + z,–z,z)	2,3	2x+y–z=–2
358	{[1,1,0],[1,0,–1],[0,1,1]}	[–1,–1,0]	(–1 + z,–z,z)	2,3,5	
359	{[1,1,0],[0,1,1]}	[–1,0]	(–1 + z,–z,z)	2,5	
360	{[1,0,–1],[0,1,1]}	[–1,0]	(–1 + z,–z,z)	3,5	
361	{[1,1,0],[1,0,1]}	[1,1]	(1 – z,z,z)	2,3	2x+y+z=2
362	{[1,1,0],[1,0,1],[0,1,–1]}	[1,1,0]	(1 – z,z,z)	2,3,5	
363	{[1,1,0],[0,1,–1]}	[1,0]	(1 – z,z,z)	2,5	
364	{[1,0,1],[0,1,–1]}	[1,0]	(1 – z,z,z)	3,5	
365	{[1,–1,0],[1,0,1]}	[1,1]	(1 – z,–z,z)	2,3	2x–y+z=2
366	{[1,–1,0],[1,0,1],[0,1,1]}	[1,1,0]	(1 – z,–z,z)	2,3,5	
367	{[1,–1,0],[0,1,1]}	[1,0]	(1 – z,–z,z)	2,5	
368	{[1,0,1],[0,1,1]}	[1,0]	(1 – z,–z,z)	3,5	
369	{[1,1,0],[1,0,1]}	[–1,–1]	(–1 – z,z,z)	2,3	2x+y+z=–2
370	{[1,1,0],[1,0,1],[0,1,–1]}	[–1,–1,0]	(–1 – z,z,z)	2,3,5	
371	{[1,1,0],[0,1,–1]}	[–1,0]	(–1 – z,z,z)	2,5	
372	{[1,0,1],[0,1,–1]}	[–1,0]	(–1 – z,z,z)	3,5	
373	{[1,–1,0],[1,0,1]}	[–1,–1]	(–1 – z,–z,z)	2,3	2x–y+z=–2
374	{[1,–1,0],[1,0,1],[0,1,1]}	[–1,–1,0]	(–1 – z,–z,z)	2,3,5	
375	{[1,–1,0],[0,1,1]}	[–1,0]	(–1 – z,–z,z)	2,5	
376	{[1,0,1],[0,1,1]}	[–1,0]	(–1 – z,–z,z)	3,5	
377	{[1,–1,0],[1,0,–1]}	[1,1]	(1 + z,z,z)	2,3	2x–y–z=2
378	{[1,–1,0],[1,0,–1],[0,1,–1]}	[1,1,0]	(1 + z,z,z)	2,3,5	
379	{[1,–1,0],[0,1,–1]}	[1,0]	(1 + z,z,z)	2,5	
380	{[1,0,–1],[0,1,–1]}	[1,0]	(1 + z,z,z)	3,5	
381	{[1,1,0],[1,0,–1]}	[1,1]	(1 + z,–z,z)	2,3	2x+y–z=2
382	{[1,1,0],[1,0,–1],[0,1,1]}	[1,1,0]	(1 + z,–z,z)	2,3,5	
383	{[1,1,0],[0,1,1]}	[1,0]	(1 + z,–z,z)	2,5	
384	{[1,0,–1],[0,1,1]}	[1,0]	(1 + z,–z,z)	3,5	
385	{[1,–1,0],[1,0,–1]}	[0,0]	(z,z,z)	2,3	2x–y–z=0
386	{[1,–1,0],[1,0,–1],[0,1,–1]}	[0,0,0]	(z,z,z)	2,3,5	
387	{[1,–1,0],[0,1,–1]}	[0,0]	(z,z,z)	2,5	
388	{[1,0,–1],[0,1,–1]}	[0,0]	(z,z,z)	3,5	
389	{[1,1,0],[1,0,–1]}	[0,0]	(z,–z,z)	2,3	2x+y–z=0
390	{[1,1,0],[1,0,–1],[0,1,1]}	[0,0,0]	(z,–z,z)	2,3,5	
391	{[1,1,0],[0,1,1]}	[0,0]	(z,–z,z)	2,5	
392	{[1,0,–1],[0,1,1]}	[0,0]	(z,–z,z)	3,5	
393	{[1,1,0],[1,0,1]}	[0,0]	(–z,z,z)	2,3	2x+y+z=0
394	{[1,1,0],[1,0,1],[0,1,–1]}	[0,0,0]	(–z,z,z)	2,3,5	
395	{[1,1,0],[0,1,–1]}	[0,0]	(–z,z,z)	2,5	
396	{[1,0,1],[0,1,–1]}	[0,0]	(–z,z,z)	3,5	
397	{[1,–1,0],[1,0,1]}	[0,0]	(–z,–z,z)	2,3	2x–y+z=0
398	{[1,–1,0],[1,0,1],[0,1,1]}	[0,0,0]	(–z,–z,z)	2,3,5	
399	{[1,–1,0],[0,1,1]}	[0,0]	(–z,–z,z)	2,5	
400	{[1,0,1],[0,1,1]}	[0,0]	(–z,–z,z)	3,5	
401	{[–1,1,1],[1,0,0]}	[1,1]	(1,2 – z,z)	1,4	y+z=2, x=1
402	{[1,–1,–1],[1,0,0]}	[–1,1]	(1,2 – z,z)	1,4	
403	{[–1,–1,–1],[1,0,0]}	[1,1]	(1,–2 – z,z)	1,4	y+z=–2, x=1
404	{[1,1,1],[1,0,0]}	[–1,1]	(1,–2 – z,z)	1,4	
405	{[–1,1,–1],[1,0,0]}	[1,1]	(1,2 + z,z)	1,4	y–z=2, x=1

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3) İlk	Blok No	(c_1, c_2, c_3)
406	{[1,–1,1],[1,0,0]}	[–1,1]	(1,2 + z,z)	1,4	
407	{[–1,–1,1],[1,0,0]}	[1,1]	(1,–2 + z,z)	1,4	y–z=–2, x=1
408	{[1,1,–1],[1,0,0]}	[–1,1]	(1,–2 + z,z)	1,4	
409	{[–1,–1,–1],[1,0,0]}	[–1,–1]	(–1,2 – z,z)	1,4	y+z=2, x=–1
410	{[1,1,1],[1,0,0]}	[1,–1]	(–1,2 – z,z)	1,4	
411	{[–1,1,1],[1,0,0]}	[–1,–1]	(–1,–2 – z,z)	1,4	y+z=–2, x=–1
412	{[1,–1,–1],[1,0,0]}	[1,–1]	(–1,–2 – z,z)	1,4	
413	{[–1,–1,1],[1,0,0]}	[–1,–1]	(–1,2 + z,z)	1,4	y–z=2, x=–1
414	{[1,1,–1],[1,0,0]}	[1,–1]	(–1,2 + z,z)	1,4	
415	{[–1,1,–1],[1,0,0]}	[–1,–1]	(–1,–2 + z,z)	1,4	y–z=–2, x=–1
416	{[1,–1,1],[1,0,0]}	[1,–1]	(–1,–2 + z,z)	1,4	
417	{[–1,1,–1],[0,1,0]}	[–1,1]	(2 – z,1,z)	1,6	x+z=2, y=1
418	{[1,–1,1],[0,1,0]}	[1,1]	(2 – z,1,z)	1,6	
419	{[–1,–1,–1],[0,1,0]}	[–1,–1]	(2 – z,–1,z)	1,6	x+z=2, y=–1
420	{[1,1,1],[0,1,0]}	[1,–1]	(2 – z,–1,z)	1,6	
421	{[–1,–1,–1],[0,1,0]}	[1,1]	(–2 – z,1,z)	1,6	x+z=–2, y=1
422	{[1,1,1],[0,1,0]}	[–1,1]	(–2 – z,1,z)	1,6	
423	{[–1,1,–1],[0,1,0]}	[1,–1]	(–2 – z,–1,z)	1,6	x+z=–2, y=–1
424	{[1,–1,1],[0,1,0]}	[–1,–1]	(–2 – z,–1,z)	1,6	
425	{[–1,1,1],[0,1,0]}	[–1,1]	(2 + z,1,z)	1,6	x–z=2, y=1
426	{[1,–1,–1],[0,1,0]}	[1,1]	(2 + z,1,z)	1,6	
427	{[–1,–1,1],[0,1,0]}	[–1,–1]	(2 + z,–1,z)	1,6	x–z=2, y=–1
428	{[1,1,–1],[0,1,0]}	[1,–1]	(2 + z,–1,z)	1,6	
429	{[–1,–1,1],[0,1,0]}	[1,1]	(–2 + z,1,z)	1,6	x–z=–2, y=1
430	{[1,1,–1],[0,1,0]}	[–1,1]	(–2 + z,1,z)	1,6	
431	{[–1,1,1],[0,1,0]}	[1,–1]	(–2 + z,–1,z)	1,6	x–z=–2, y=–1
432	{[1,–1,–1],[0,1,0]}	[–1,–1]	(–2 + z,–1,z)	1,6	
433	{[–1,–1,1],[0,0,1]}	[–1,1]	(2 – y,y,1)	1,7	x+y=2, z=1
434	{[1,1,–1],[0,0,1]}	[1,1]	(2 – y,y,1)	1,7	
435	{[–1,–1,–1],[0,0,1]}	[–1,–1]	(2 – y,y,–1)	1,7	x+y=2, z=–1
436	{[1,1,1],[0,0,1]}	[1,–1]	(2 – y,y,–1)	1,7	
437	{[–1,–1,–1],[0,0,1]}	[1,1]	(–2 – y,y,1)	1,7	x+y=–2, z=1
438	{[1,1,1],[0,0,1]}	[–1,1]	(–2 – y,y,1)	1,7	
439	{[–1,–1,1],[0,0,1]}	[1,–1]	(–2 – y,y,–1)	1,7	x+y=–2, z=–1
440	{[1,1,–1],[0,0,1]}	[–1,–1]	(–2 – y,y,–1)	1,7	
441	{[–1,1,1],[0,0,1]}	[–1,1]	(2 + y,y,1)	1,7	x–y=2, z=1
442	{[1,–1,–1],[0,0,1]}	[1,1]	(2 + y,y,1)	1,7	
443	{[–1,1,–1],[0,0,1]}	[–1,–1]	(2 + y,y,–1)	1,7	x–y=2, z=–1
444	{[1,–1,1],[0,0,1]}	[1,–1]	(2 + y,y,–1)	1,7	
445	{[–1,1,–1],[0,0,1]}	[1,1]	(–2 + y,y,1)	1,7	x–y=–2, z=1
446	{[1,–1,1],[0,0,1]}	[–1,1]	(–2 + y,y,1)	1,7	
447	{[–1,1,1],[0,0,1]}	[1,–1]	(–2 + y,y,–1)	1,7	x–y=–2, z=–1
448	{[1,–1,–1],[0,0,1]}	[–1,–1]	(–2 + y,y,–1)	1,7	
449	{[–1,–1,1],[1,1,0]}	[0,1]	(1 – y,y,1)	1,2	x+y=1, z=1
450	{[1,1,–1],[1,1,0]}	[0,1]	(1 – y,y,1)	1,2	
451	{[–1,–1,1],[1,1,0],[0,0,1]}	[0,1,1]	(1 – y,y,1)	1,2,7	
452	{[1,1,–1],[1,1,0],[0,0,1]}	[0,1,1]	(1 – y,y,1)	1,2,7	
453	{[–1,–1,1],[0,0,1]}	[0,1]	(1 – y,y,1)	1,7	
454	{[1,1,–1],[0,0,1]}	[0,1]	(1 – y,y,1)	1,7	
455	{[1,1,0],[0,0,1]}	[1,1]	(1 – y,y,1)	2,7	
456	{[–1,–1,–1],[1,1,0]}	[0,1]	(1 – y,y,–1)	1,2	x+y=1, z=–1
457	{[1,1,1],[1,1,0]}	[0,1]	(1 – y,y,–1)	1,2	
458	{[–1,–1,–1],[1,1,0],[0,0,1]}	[0,1,–1]	(1 – y,y,–1)	1,2,7	
459	{[1,1,1],[1,1,0],[0,0,1]}	[0,1,–1]	(1 – y,y,–1)	1,2,7	
460	{[–1,–1,–1],[0,0,1]}	[0,–1]	(1 – y,y,–1)	1,7	
461	{[1,1,1],[0,0,1]}	[0,–1]	(1 – y,y,–1)	1,7	
462	{[1,1,0],[0,0,1]}	[1,–1]	(1 – y,y,–1)	2,7	
463	{[–1,–1,–1],[1,1,0]}	[0,–1]	(–1 – y,y,1)	1,2	x+y=–1, z=1
464	{[1,1,1],[1,1,0]}	[0,–1]	(–1 – y,y,1)	1,2	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3) İlk	Blok No	(c_1, c_2, c_3)
465	{[–1,–1,–1],[1,1,0],[0,0,1]}	[0,–1,1]	(–1 – y,y,1)	1,2,7	
466	{[1,1,1],[1,1,0],[0,0,1]}	[0,–1,1]	(–1 – y,y,1)	1,2,7	
467	{[–1,–1,–1],[0,0,1]}	[0,1]	(–1 – y,y,1)	1,7	
468	{[1,1,1],[0,0,1]}	[0,1]	(–1 – y,y,1)	1,7	
469	{[1,1,0],[0,0,1]}	[–1,1]	(–1 – y,y,1)	2,7	
470	{[–1,–1,1],[1,1,0]}	[0,–1]	(–1 – y,y,–1)	1,2	x+y=–1, z=–1
471	{[1,1,–1],[1,1,0]}	[0,–1]	(–1 – y,y,–1)	1,2	
472	{[–1,–1,1],[1,1,0],[0,0,1]}	[0,–1,–1]	(–1 – y,y,–1)	1,2,7	
473	{[1,1,–1],[1,1,0],[0,0,1]}	[0,–1,–1]	(–1 – y,y,–1)	1,2,7	
474	{[–1,–1,1],[0,0,1]}	[0,–1]	(–1 – y,y,–1)	1,7	
475	{[1,1,–1],[0,0,1]}	[0,–1]	(–1 – y,y,–1)	1,7	
476	{[1,1,0],[0,0,1]}	[–1,–1]	(–1 – y,y,–1)	2,7	
477	{[–1,1,1],[1,–1,0]}	[0,1]	(1 + y,y,1)	1,2	x–y=1, z=1
478	{[1,–1,–1],[1,–1,0]}	[0,1]	(1 + y,y,1)	1,2	
479	{[–1,1,1],[1,–1,0],[0,0,1]}	[0,1,1]	(1 + y,y,1)	1,2,7	
480	{[1,–1,–1],[1,–1,0],[0,0,1]}	[0,1,1]	(1 + y,y,1)	1,2,7	
481	{[–1,1,1],[0,0,1]}	[0,1]	(1 + y,y,1)	1,7	
482	{[1,–1,–1],[0,0,1]}	[0,1]	(1 + y,y,1)	1,7	
483	{[1,–1,0],[0,0,1]}	[1,1]	(1 + y,y,1)	2,7	
484	{[–1,1,–1],[1,–1,0]}	[0,1]	(1 + y,y,–1)	1,2	x–y=1, z=–1
485	{[1,–1,1],[1,–1,0]}	[0,1]	(1 + y,y,–1)	1,2	
486	{[–1,1,–1],[1,–1,0],[0,0,1]}	[0,1,–1]	(1 + y,y,–1)	1,2,7	
487	{[1,–1,1],[1,–1,0],[0,0,1]}	[0,1,–1]	(1 + y,y,–1)	1,2,7	
488	{[–1,1,–1],[0,0,1]}	[0,–1]	(1 + y,y,–1)	1,7	
489	{[1,–1,1],[0,0,1]}	[0,–1]	(1 + y,y,–1)	1,7	
490	{[1,–1,0],[0,0,1]}	[1,–1]	(1 + y,y,–1)	2,7	
491	{[–1,1,–1],[1,–1,0]}	[0,–1]	(–1 + y,y,1)	1,2	x–y=–1, z=1
492	{[1,–1,1],[1,–1,0]}	[0,–1]	(–1 + y,y,1)	1,2	
493	{[–1,1,–1],[1,–1,0],[0,0,1]}	[0,–1,1]	(–1 + y,y,1)	1,2,7	
494	{[1,–1,1],[1,–1,0],[0,0,1]}	[0,–1,1]	(–1 + y,y,1)	1,2,7	
495	{[–1,1,–1],[0,0,1]}	[0,1]	(–1 + y,y,1)	1,7	
496	{[1,–1,1],[0,0,1]}	[0,1]	(–1 + y,y,1)	1,7	
497	{[1,–1,0],[0,0,1]}	[–1,1]	(–1 + y,y,1)	2,7	
498	{[–1,1,1],[1,–1,0]}	[0,–1]	(–1 + y,y,–1)	1,2	x–y=–1, z=–1
499	{[1,–1,–1],[1,–1,0]}	[0,–1]	(–1 + y,y,–1)	1,2	
500	{[–1,1,1],[1,–1,0],[0,0,1]}	[0,–1,–1]	(–1 + y,y,–1)	1,2,7	
501	{[1,–1,–1],[1,–1,0],[0,0,1]}	[0,–1,–1]	(–1 + y,y,–1)	1,2,7	
502	{[–1,1,1],[0,0,1]}	[0,–1]	(–1 + y,y,–1)	1,7	
503	{[1,–1,–1],[0,0,1]}	[0,–1]	(–1 + y,y,–1)	1,7	
504	{[1,–1,0],[0,0,1]}	[–1,–1]	(–1 + y,y,–1)	2,7	
505	{[–1,1,–1],[1,–1,0]}	[–1,0]	(y,y,1)	1,2	x–y=0, z=1
506	{[–1,1,1],[1,–1,0]}	[1,0]	(y,y,1)	1,2	
507	{[1,–1,–1],[1,–1,0]}	[–1,0]	(y,y,1)	1,2	
508	{[1,–1,1],[1,–1,0]}	[1,0]	(y,y,1)	1,2	
509	{[1,–1,0],[0,0,1],[1,–1,0]}	[0,1,0]	(y,y,1)	1,2	
510	{[–1,1,–1],[1,–1,0],[0,0,1]}	[–1,0,1]	(y,y,1)	1,2,7	
511	{[–1,1,1],[1,–1,0],[0,0,1]}	[1,0,1]	(y,y,1)	1,2,7	
512	{[1,–1,–1],[1,–1,0],[0,0,1]}	[–1,0,1]	(y,y,1)	1,2,7	
513	{[1,–1,1],[1,–1,0],[0,0,1]}	[1,0,1]	(y,y,1)	1,2,7	
514	{[–1,1,–1],[0,0,1]}	[–1,1]	(y,y,1)	1,7	
515	{[–1,1,1],[0,0,1]}	[1,1]	(y,y,1)	1,7	
516	{[1,–1,–1],[0,0,1]}	[–1,1]	(y,y,1)	1,7	
517	{[1,–1,1],[0,0,1]}	[1,1]	(y,y,1)	1,7	
518	{[1,–1,0],[0,0,1],[0,0,1]}	[0,1,1]	(y,y,1)	1,7	
519	{[1,–1,0],[0,0,1]}	[0,1]	(y,y,1)	2,7	
520	{[–1,1,–1],[1,–1,0]}	[1,0]	(y,y,–1)	1,2	x–y=0, z=–1
521	{[–1,1,1],[1,–1,0]}	[–1,0]	(y,y,–1)	1,2	
522	{[1,–1,–1],[1,–1,0]}	[1,0]	(y,y,–1)	1,2	
523	{[1,–1,1],[1,–1,0]}	[–1,0]	(y,y,–1)	1,2	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
524	{[1,–1,0],[0,0,1],[1,–1,0]}	[0,–1,0]	(y,y,–1)	1,2	
525	{[–1,1,–1],[1,–1,0],[0,0,1]}	[1,0,–1]	(y,y,–1)	1,2,7	
526	{[–1,1,1],[1,–1,0],[0,0,1]}	[–1,0,–1]	(y,y,–1)	1,2,7	
527	{[1,–1,–1],[1,–1,0],[0,0,1]}	[1,0,–1]	(y,y,–1)	1,2,7	
528	{[1,–1,1],[1,–1,0],[0,0,1]}	[–1,0,–1]	(y,y,–1)	1,2,7	
529	{[–1,1,–1],[0,0,1]}	[1,–1]	(y,y,–1)	1,7	
530	{[–1,1,1],[0,0,1]}	[–1,–1]	(y,y,–1)	1,7	
531	{[1,–1,–1],[0,0,1]}	[1,–1]	(y,y,–1)	1,7	
532	{[1,–1,1],[0,0,1]}	[–1,–1]	(y,y,–1)	1,7	
533	{[1,–1,0],[0,0,1],[0,0,1]}	[0,–1,–1]	(y,y,–1)	1,7	
534	{[1,–1,0],[0,0,1]}	[0,–1]	(y,y,–1)	2,7	
535	{[–1,–1,–1],[1,1,0]}	[–1,0]	(–y,y,1)	1,2	
536	{[–1,–1,1],[1,1,0]}	[1,0]	(–y,y,1)	1,2	
537	{[1,1,–1],[1,1,0]}	[–1,0]	(–y,y,1)	1,2	
538	{[1,1,1],[1,1,0]}	[1,0]	(–y,y,1)	1,2	
539	{[1,1,0],[0,0,1],[1,1,0]}	[0,1,0]	(–y,y,1)	1,2	
540	{[–1,–1,–1],[1,1,0],[0,0,1]}	[–1,0,1]	(–y,y,1)	1,2,7	
541	{[–1,–1,1],[1,1,0],[0,0,1]}	[1,0,1]	(–y,y,1)	1,2,7	
542	{[1,1,–1],[1,1,0],[0,0,1]}	[–1,0,1]	(–y,y,1)	1,2,7	x+y=0, z=1
543	{[1,1,1],[1,1,0],[0,0,1]}	[1,0,1]	(–y,y,1)	1,2,7	
544	{[–1,–1,–1],[0,0,1]}	[–1,1]	(–y,y,1)	1,7	
545	{[–1,–1,1],[0,0,1]}	[1,1]	(–y,y,1)	1,7	
546	{[1,1,–1],[0,0,1]}	[–1,1]	(–y,y,1)	1,7	
547	{[1,1,1],[0,0,1]}	[1,1]	(–y,y,1)	1,7	
548	{[1,1,0],[0,0,1],[0,0,1]}	[0,1,1]	(–y,y,1)	1,7	
549	{[1,1,0],[0,0,1]}	[0,1]	(–y,y,1)	2,7	
550	{[–1,–1,–1],[1,1,0]}	[1,0]	(–y,y,–1)	1,2	
551	{[–1,–1,1],[1,1,0]}	[–1,0]	(–y,y,–1)	1,2	
552	{[1,1,–1],[1,1,0]}	[1,0]	(–y,y,–1)	1,2	
553	{[1,1,1],[1,1,0]}	[–1,0]	(–y,y,–1)	1,2	
554	{[1,1,0],[0,0,1],[1,1,0]}	[0,–1,0]	(–y,y,–1)	1,2	
555	{[–1,–1,–1],[1,1,0],[0,0,1]}	[1,0,–1]	(–y,y,–1)	1,2,7	
556	{[–1,–1,1],[1,1,0],[0,0,1]}	[–1,0,–1]	(–y,y,–1)	1,2,7	
557	{[1,1,–1],[1,1,0],[0,0,1]}	[1,0,–1]	(–y,y,–1)	1,2,7	x+y=0, z=–1
558	{[1,1,1],[1,1,0],[0,0,1]}	[–1,0,–1]	(–y,y,–1)	1,2,7	
559	{[–1,–1,–1],[0,0,1]}	[1,–1]	(–y,y,–1)	1,7	
560	{[–1,–1,1],[0,0,1]}	[–1,–1]	(–y,y,–1)	1,7	
561	{[1,1,–1],[0,0,1]}	[1,–1]	(–y,y,–1)	1,7	
562	{[1,1,1],[0,0,1]}	[–1,–1]	(–y,y,–1)	1,7	
563	{[1,1,0],[0,0,1],[0,0,1]}	[0,–1,–1]	(–y,y,–1)	1,7	
564	{[1,1,0],[0,0,1]}	[0,–1]	(–y,y,–1)	2,7	
565	{[–1,1,–1],[1,0,1]}	[0,1]	(1 – z,1,z)	1,3	
566	{[1,–1,1],[1,0,1]}	[0,1]	(1 – z,1,z)	1,3	
567	{[–1,1,–1],[1,0,1],[0,1,0]}	[0,1,1]	(1 – z,1,z)	1,3,6	
568	{[1,–1,1],[1,0,1],[0,1,0]}	[0,1,1]	(1 – z,1,z)	1,3,6	x+z=1, y=1
569	{[–1,1,–1],[0,1,0]}	[0,1]	(1 – z,1,z)	1,6	
570	{[1,–1,1],[0,1,0]}	[0,1]	(1 – z,1,z)	1,6	
571	{[1,0,1],[0,1,0]}	[1,1]	(1 – z,1,z)	3,6	
572	{[–1,–1,–1],[1,0,1]}	[0,1]	(1 – z,–1,z)	1,3	
573	{[1,1,1],[1,0,1]}	[0,1]	(1 – z,–1,z)	1,3	
574	{[–1,–1,–1],[1,0,1],[0,1,0]}	[0,1,–1]	(1 – z,–1,z)	1,3,6	
575	{[1,1,1],[1,0,1],[0,1,0]}	[0,1,–1]	(1 – z,–1,z)	1,3,6	x+z=1, y=–1
576	{[–1,–1,–1],[0,1,0]}	[0,–1]	(1 – z,–1,z)	1,6	
577	{[1,1,1],[0,1,0]}	[0,–1]	(1 – z,–1,z)	1,6	
578	{[1,0,1],[0,1,0]}	[1,–1]	(1 – z,–1,z)	3,6	
579	{[–1,–1,–1],[1,0,1]}	[0,–1]	(–1 – z,1,z)	1,3	
580	{[1,1,1],[1,0,1]}	[0,–1]	(–1 – z,1,z)	1,3	x+z=–1, y=1
581	{[–1,–1,–1],[1,0,1],[0,1,0]}	[0,–1,1]	(–1 – z,1,z)	1,3,6	
582	{[1,1,1],[1,0,1],[0,1,0]}	[0,–1,1]	(–1 – z,1,z)	1,3,6	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1, c_2, c_3) İlk	Blok No	(c_1, c_2, c_3)
583	{[–1,–1,–1],[0,1,0]}	[0,1]	(–1 – z,1,z)	1,6	
584	{[1,1,1],[0,1,0]}	[0,1]	(–1 – z,1,z)	1,6	
585	{[1,0,1],[0,1,0]}	[–1,1]	(–1 – z,1,z)	3,6	
586	{[–1,1,–1],[1,0,1]}	[0,–1]	(–1 – z,–1,z)	1,3	
587	{[1,–1,1],[1,0,1]}	[0,–1]	(–1 – z,–1,z)	1,3	
588	{[–1,1,–1],[1,0,1],[0,1,0]}	[0,–1,–1]	(–1 – z,–1,z)	1,3,6	
589	{[1,–1,1],[1,0,1],[0,1,0]}	[0,–1,–1]	(–1 – z,–1,z)	1,3,6	x+z=–1, y=–1
590	{[–1,1,–1],[0,1,0]}	[0,–1]	(–1 – z,–1,z)	1,6	
591	{[1,–1,1],[0,1,0]}	[0,–1]	(–1 – z,–1,z)	1,6	
592	{[1,0,1],[0,1,0]}	[–1,–1]	(–1 – z,–1,z)	3,6	
593	{[–1,1,1],[1,0,–1]}	[0,1]	(1 + z,1,z)	1,3	
594	{[1,–1,–1],[1,0,–1]}	[0,1]	(1 + z,1,z)	1,3	
595	{[–1,1,1],[1,0,–1],[0,1,0]}	[0,1,1]	(1 + z,1,z)	1,3,6	
596	{[1,–1,–1],[1,0,–1],[0,1,0]}	[0,1,1]	(1 + z,1,z)	1,3,6	x–z=1, y=1
597	{[–1,1,1],[0,1,0]}	[0,1]	(1 + z,1,z)	1,6	
598	{[1,–1,–1],[0,1,0]}	[0,1]	(1 + z,1,z)	1,6	
599	{[1,0,–1],[0,1,0]}	[1,1]	(1 + z,1,z)	3,6	
600	{[–1,–1,1],[1,0,–1]}	[0,1]	(1 + z,–1,z)	1,3	
601	{[1,1,–1],[1,0,–1]}	[0,1]	(1 + z,–1,z)	1,3	
602	{[–1,–1,1],[1,0,–1],[0,1,0]}	[0,1,–1]	(1 + z,–1,z)	1,3,6	
603	{[1,1,–1],[1,0,–1],[0,1,0]}	[0,1,–1]	(1 + z,–1,z)	1,3,6	x–z=1, y=–1
604	{[–1,–1,1],[0,1,0]}	[0,–1]	(1 + z,–1,z)	1,6	
605	{[1,1,–1],[0,1,0]}	[0,–1]	(1 + z,–1,z)	1,6	
606	{[1,0,–1],[0,1,0]}	[1,–1]	(1 + z,–1,z)	3,6	
607	{[–1,–1,1],[1,0,–1]}	[0,–1]	(–1 + z,1,z)	1,3	
608	{[1,1,–1],[1,0,–1]}	[0,–1]	(–1 + z,1,z)	1,3	
609	{[–1,–1,1],[1,0,–1],[0,1,0]}	[0,–1,1]	(–1 + z,1,z)	1,3,6	
610	{[1,1,–1],[1,0,–1],[0,1,0]}	[0,–1,1]	(–1 + z,1,z)	1,3,6	x–z=–1, y=1
611	{[–1,–1,1],[0,1,0]}	[0,1]	(–1 + z,1,z)	1,6	
612	{[1,1,–1],[0,1,0]}	[0,1]	(–1 + z,1,z)	1,6	
613	{[1,0,–1],[0,1,0]}	[–1,1]	(–1 + z,1,z)	3,6	
614	{[–1,1,1],[1,0,–1]}	[0,–1]	(–1 + z,–1,z)	1,3	
615	{[1,–1,–1],[1,0,–1]}	[0,–1]	(–1 + z,–1,z)	1,3	
616	{[–1,1,1],[1,0,–1],[0,1,0]}	[0,–1,–1]	(–1 + z,–1,z)	1,3,6	
617	{[1,–1,–1],[1,0,–1],[0,1,0]}	[0,–1,–1]	(–1 + z,–1,z)	1,3,6	x–z=–1, y=–1
618	{[–1,1,1],[0,1,0]}	[0,–1]	(–1 + z,–1,z)	1,6	
619	{[1,–1,–1],[0,1,0]}	[0,–1]	(–1 + z,–1,z)	1,6	
620	{[1,0,–1],[0,1,0]}	[–1,–1]	(–1 + z,–1,z)	3,6	
621	{[–1,–1,1],[1,0,–1]}	[–1,0]	(z,1,z)	1,3	
622	{[–1,1,1],[1,0,–1]}	[1,0]	(z,1,z)	1,3	
623	{[1,–1,–1],[1,0,–1]}	[–1,0]	(z,1,z)	1,3	
624	{[1,1,–1],[1,0,–1]}	[1,0]	(z,1,z)	1,3	
625	{[1,0,–1],[0,1,0],[1,0,–1]}	[0,1,0]	(z,1,z)	1,3	
626	{[–1,–1,1],[1,0,–1],[0,1,0]}	[–1,0,1]	(z,1,z)	1,3,6	
627	{[–1,1,1],[1,0,–1],[0,1,0]}	[1,0,1]	(z,1,z)	1,3,6	
628	{[1,–1,–1],[1,0,–1],[0,1,0]}	[–1,0,1]	(z,1,z)	1,3,6	x–z=0, y=1
629	{[1,1,–1],[1,0,–1],[0,1,0]}	[1,0,1]	(z,1,z)	1,3,6	
630	{[–1,–1,1],[0,1,0]}	[–1,1]	(z,1,z)	1,6	
631	{[–1,1,1],[0,1,0]}	[1,1]	(z,1,z)	1,6	
632	{[1,–1,–1],[0,1,0]}	[–1,1]	(z,1,z)	1,6	
633	{[1,1,–1],[0,1,0]}	[1,1]	(z,1,z)	1,6	
634	{[1,0,–1],[0,1,0],[0,1,0]}	[0,1,1]	(z,1,z)	1,6	
635	{[1,0,–1],[0,1,0]}	[0,1]	(z,1,z)	3,6	
636	{[–1,–1,1],[1,0,–1]}	[1,0]	(z,–1,z)	1,3	
637	{[–1,1,1],[1,0,–1]}	[–1,0]	(z,–1,z)	1,3	
638	{[1,–1,–1],[1,0,–1]}	[1,0]	(z,–1,z)	1,3	x–z=0, y=–1
639	{[1,1,–1],[1,0,–1]}	[–1,0]	(z,–1,z)	1,3	
640	{[1,0,–1],[0,1,0],[1,0,–1]}	[0,–1,0]	(z,–1,z)	1,3	
641	{[–1,–1,1],[1,0,–1],[0,1,0]}	[1,0,–1]	(z,–1,z)	1,3,6	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
642	{[–1,1,1],[1,0,–1],[0,1,0]}	[–1,0,–1]	(z,–1,z)	1,3,6	
643	{[1,–1,–1],[1,0,–1],[0,1,0]}	[1,0,–1]	(z,–1,z)	1,3,6	
644	{[1,1,–1],[1,0,–1],[0,1,0]}	[–1,0,–1]	(z,–1,z)	1,3,6	
645	{[–1,–1,1],[0,1,0]}	[1,–1]	(z,–1,z)	1,6	
646	{[–1,1,1],[0,1,0]}	[–1,–1]	(z,–1,z)	1,6	
647	{[1,–1,–1],[0,1,0]}	[1,–1]	(z,–1,z)	1,6	
648	{[1,1,–1],[0,1,0]}	[–1,–1]	(z,–1,z)	1,6	
649	{[1,0,–1],[0,1,0],[0,1,0]}	[0,–1,–1]	(z,–1,z)	1,6	
650	{[1,0,–1],[0,1,0]}	[0,–1]	(z,–1,z)	3,6	
651	{[–1,–1,–1],[1,0,1]}	[–1,0]	(–z,1,z)	1,3	x+z=0, y=1
652	{[–1,1,–1],[1,0,1]}	[1,0]	(–z,1,z)	1,3	
653	{[1,–1,1],[1,0,1]}	[–1,0]	(–z,1,z)	1,3	
654	{[1,1,1],[1,0,1]}	[1,0]	(–z,1,z)	1,3	
655	{[1,0,1],[0,1,0],[1,0,1]}	[0,1,0]	(–z,1,z)	1,3	
656	{[–1,–1,–1],[1,0,1],[0,1,0]}	[–1,0,1]	(–z,1,z)	1,3,6	
657	{[–1,1,–1],[1,0,1],[0,1,0]}	[1,0,1]	(–z,1,z)	1,3,6	
658	{[1,–1,1],[1,0,1],[0,1,0]}	[–1,0,1]	(–z,1,z)	1,3,6	
659	{[1,1,1],[1,0,1],[0,1,0]}	[1,0,1]	(–z,1,z)	1,3,6	
660	{[–1,–1,–1],[0,1,0]}	[–1,1]	(–z,1,z)	1,6	
661	{[–1,1,–1],[0,1,0]}	[1,1]	(–z,1,z)	1,6	
662	{[1,–1,1],[0,1,0]}	[–1,1]	(–z,1,z)	1,6	
663	{[1,1,1],[0,1,0]}	[1,1]	(–z,1,z)	1,6	
664	{[1,0,1],[0,1,0],[0,1,0]}	[0,1,1]	(–z,1,z)	1,6	
665	{[1,0,1],[0,1,0]}	[0,1]	(–z,1,z)	3,6	
666	{[–1,–1,–1],[1,0,1]}	[1,0]	(–z,–1,z)	1,3	x+z=0, y=–1
667	{[–1,1,–1],[1,0,1]}	[–1,0]	(–z,–1,z)	1,3	
668	{[1,–1,1],[1,0,1]}	[1,0]	(–z,–1,z)	1,3	
669	{[1,1,1],[1,0,1]}	[–1,0]	(–z,–1,z)	1,3	
670	{[1,0,1],[0,1,0],[1,0,1]}	[0,–1,0]	(–z,–1,z)	1,3	
671	{[–1,–1,–1],[1,0,1],[0,1,0]}	[1,0,–1]	(–z,–1,z)	1,3,6	
672	{[–1,1,–1],[1,0,1],[0,1,0]}	[–1,0,–1]	(–z,–1,z)	1,3,6	
673	{[1,–1,1],[1,0,1],[0,1,0]}	[1,0,–1]	(–z,–1,z)	1,3,6	
674	{[1,1,1],[1,0,1],[0,1,0]}	[–1,0,–1]	(–z,–1,z)	1,3,6	
675	{[–1,–1,–1],[0,1,0]}	[1,–1]	(–z,–1,z)	1,6	
676	{[–1,1,–1],[0,1,0]}	[–1,–1]	(–z,–1,z)	1,6	
677	{[1,–1,1],[0,1,0]}	[1,–1]	(–z,–1,z)	1,6	
678	{[1,1,1],[0,1,0]}	[–1,–1]	(–z,–1,z)	1,6	
679	{[1,0,1],[0,1,0],[0,1,0]}	[0,–1,–1]	(–z,–1,z)	1,6	
680	{[1,0,1],[0,1,0]}	[0,–1]	(–z,–1,z)	3,6	
681	{[–1,1,1],[1,0,0]}	[0,1]	(1,1 – z,z)	1,4	y+z=1, x=1
682	{[1,–1,–1],[1,0,0]}	[0,1]	(1,1 – z,z)	1,4	
683	{[–1,1,1],[1,0,0],[0,1,1]}	[0,1,1]	(1,1 – z,z)	1,4,5	
684	{[1,–1,–1],[1,0,0],[0,1,1]}	[0,1,1]	(1,1 – z,z)	1,4,5	
685	{[–1,1,1],[0,1,1]}	[0,1]	(1,1 – z,z)	1,5	
686	{[1,–1,–1],[0,1,1]}	[0,1]	(1,1 – z,z)	1,5	
687	{[0,1,1],[1,0,0]}	[1,1]	(1,1 – z,z)	4,5	
688	{[–1,–1,–1],[1,0,0]}	[0,1]	(1,–1 – z,z)	1,4	y+z=–1, x=1
689	{[1,1,1],[1,0,0]}	[0,1]	(1,–1 – z,z)	1,4	
690	{[–1,–1,–1],[1,0,0],[0,1,1]}	[0,1,–1]	(1,–1 – z,z)	1,4,5	
691	{[1,1,1],[1,0,0],[0,1,1]}	[0,1,–1]	(1,–1 – z,z)	1,4,5	
692	{[–1,–1,–1],[0,1,1]}	[0,–1]	(1,–1 – z,z)	1,5	
693	{[1,1,1],[0,1,1]}	[0,–1]	(1,–1 – z,z)	1,5	
694	{[0,1,1],[1,0,0]}	[–1,1]	(1,–1 – z,z)	4,5	
695	{[–1,1,–1],[1,0,0]}	[0,1]	(1,1 + z,z)	1,4	y–z=1, x=1
696	{[1,–1,1],[1,0,0]}	[0,1]	(1,1 + z,z)	1,4	
697	{[–1,1,–1],[1,0,0],[0,1,–1]}	[0,1,1]	(1,1 + z,z)	1,4,5	
698	{[1,–1,1],[1,0,0],[0,1,–1]}	[0,1,1]	(1,1 + z,z)	1,4,5	
699	{[–1,1,–1],[0,1,–1]}	[0,1]	(1,1 + z,z)	1,5	
700	{[1,–1,1],[0,1,–1]}	[0,1]	(1,1 + z,z)	1,5	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
701	{[0,1,–1],[1,0,0]}	[1,1]	(1,1 + z,z)	4,5	
702	{[–1,–1,1],[1,0,0]}	[0,1]	(1,–1 + z,z)	1,4	
703	{[1,1,–1],[1,0,0]}	[0,1]	(1,–1 + z,z)	1,4	
704	{[–1,–1,1],[1,0,0],[0,1,–1]}	[0,1,–1]	(1,–1 + z,z)	1,4,5	
705	{[1,1,–1],[1,0,0],[0,1,–1]}	[0,1,–1]	(1,–1 + z,z)	1,4,5	y–z=–1, x=1
706	{[–1,–1,1],[0,1,–1]}	[0,–1]	(1,–1 + z,z)	1,5	
707	{[1,1,–1],[0,1,–1]}	[0,–1]	(1,–1 + z,z)	1,5	
708	{[0,1,–1],[1,0,0]}	[–1,1]	(1,–1 + z,z)	4,5	
709	{[–1,–1,–1],[1,0,0]}	[0,–1]	(–1,1 – z,z)	1,4	
710	{[1,1,1],[1,0,0]}	[0,–1]	(–1,1 – z,z)	1,4	
711	{[–1,–1,–1],[1,0,0],[0,1,1]}	[0,–1,1]	(–1,1 – z,z)	1,4,5	
712	{[1,1,1],[1,0,0],[0,1,1]}	[0,–1,1]	(–1,1 – z,z)	1,4,5	y+z=1, x=–1
713	{[–1,–1,–1],[0,1,1]}	[0,1]	(–1,1 – z,z)	1,5	
714	{[1,1,1],[0,1,1]}	[0,1]	(–1,1 – z,z)	1,5	
715	{[0,1,1],[1,0,0]}	[1,–1]	(–1,1 – z,z)	4,5	
716	{[–1,1,1],[1,0,0]}	[0,–1]	(–1,–1 – z,z)	1,4	
717	{[1,–1,–1],[1,0,0]}	[0,–1]	(–1,–1 – z,z)	1,4	
718	{[–1,1,1],[1,0,0],[0,1,1]}	[0,–1,–1]	(–1,–1 – z,z)	1,4,5	
719	{[1,–1,–1],[1,0,0],[0,1,1]}	[0,–1,–1]	(–1,–1 – z,z)	1,4,5	y+z=–1, x=–1
720	{[–1,1,1],[0,1,1]}	[0,–1]	(–1,–1 – z,z)	1,5	
721	{[1,–1,–1],[0,1,1]}	[0,–1]	(–1,–1 – z,z)	1,5	
722	{[0,1,1],[1,0,0]}	[–1,–1]	(–1,–1 – z,z)	4,5	
723	{[–1,–1,1],[1,0,0]}	[0,–1]	(–1,1 + z,z)	1,4	
724	{[1,1,–1],[1,0,0]}	[0,–1]	(–1,1 + z,z)	1,4	
725	{[–1,–1,1],[1,0,0],[0,1,–1]}	[0,–1,1]	(–1,1 + z,z)	1,4,5	
726	{[1,1,–1],[1,0,0],[0,1,–1]}	[0,–1,1]	(–1,1 + z,z)	1,4,5	y–z=1, x=–1
727	{[–1,–1,1],[0,1,–1]}	[0,1]	(–1,1 + z,z)	1,5	
728	{[1,1,–1],[0,1,–1]}	[0,1]	(–1,1 + z,z)	1,5	
729	{[0,1,–1],[1,0,0]}	[1,–1]	(–1,1 + z,z)	4,5	
730	{[–1,1,–1],[1,0,0]}	[0,–1]	(–1,–1 + z,z)	1,4	
731	{[1,–1,1],[1,0,0]}	[0,–1]	(–1,–1 + z,z)	1,4	
732	{[–1,1,–1],[1,0,0],[0,1,–1]}	[0,–1,–1]	(–1,–1 + z,z)	1,4,5	
733	{[1,–1,1],[1,0,0],[0,1,–1]}	[0,–1,–1]	(–1,–1 + z,z)	1,4,5	y–z=–1, x=–1
734	{[–1,1,–1],[0,1,–1]}	[0,–1]	(–1,–1 + z,z)	1,5	
735	{[1,–1,1],[0,1,–1]}	[0,–1]	(–1,–1 + z,z)	1,5	
736	{[0,1,–1],[1,0,0]}	[–1,–1]	(–1,–1 + z,z)	4,5	
737	{[–1,–1,1],[1,0,0]}	[–1,1]	(1,z,z)	1,4	
738	{[–1,1,–1],[1,0,0]}	[–1,1]	(1,z,z)	1,4	
739	{[1,–1,1],[1,0,0]}	[1,1]	(1,z,z)	1,4	
740	{[1,1,–1],[1,0,0]}	[1,1]	(1,z,z)	1,4	
741	{[0,1,–1],[1,0,0],[1,0,0]}	[0,1,1]	(1,z,z)	1,4	
742	{[–1,–1,1],[1,0,0],[0,1,–1]}	[–1,1,0]	(1,z,z)	1,4,5	
743	{[–1,1,–1],[1,0,0],[0,1,–1]}	[–1,1,0]	(1,z,z)	1,4,5	
744	{[1,–1,1],[1,0,0],[0,1,–1]}	[1,1,0]	(1,z,z)	1,4,5	
745	{[1,1,–1],[1,0,0],[0,1,–1]}	[1,1,0]	(1,z,z)	1,4,5	y–z=0, x=1
746	{[0,1,–1],[1,0,0],[1,0,0],[0,1,–1]}	[0,1,1,0]	(1,z,z)	1,4,5	
747	{[–1,–1,1],[0,1,–1]}	[–1,0]	(1,z,z)	1,5	
748	{[–1,1,–1],[0,1,–1]}	[–1,0]	(1,z,z)	1,5	
749	{[1,–1,1],[0,1,–1]}	[1,0]	(1,z,z)	1,5	
750	{[1,1,–1],[0,1,–1]}	[1,0]	(1,z,z)	1,5	
751	{[0,1,–1],[1,0,0],[0,1,–1]}	[0,1,0]	(1,z,z)	1,5	
752	{[0,1,–1],[1,0,0]}	[0,1]	(1,z,z)	4,5	
753	{[–1,–1,–1],[1,0,0]}	[–1,1]	(1,–z,z)	1,4	
754	{[–1,1,1],[1,0,0]}	[–1,1]	(1,–z,z)	1,4	
755	{[1,–1,–1],[1,0,0]}	[1,1]	(1,–z,z)	1,4	
756	{[1,1,1],[1,0,0]}	[1,1]	(1,–z,z)	1,4	y+z=0, x=1
757	{[0,1,1],[1,0,0],[1,0,0]}	[0,1,1]	(1,–z,z)	1,4	
758	{[–1,–1,–1],[1,0,0],[0,1,1]}	[–1,1,0]	(1,–z,z)	1,4,5	
759	{[–1,1,1],[1,0,0],[0,1,1]}	[–1,1,0]	(1,–z,z)	1,4,5	

Sıra No	Katsayılar Matrisinin Satırları	Karşı Taraf Vektörü	(c_1,c_2,c_3) İlk	Blok No	(c_1,c_2,c_3)
760	{[1,–1,–1],[1,0,0],[0,1,1]}	[1,1,0]	(1,–z,z)	1,4,5	
761	{[1,1,1],[1,0,0],[0,1,1]}	[1,1,0]	(1,–z,z)	1,4,5	
762	{[0,1,1],[1,0,0],[1,0,0],[0,1,1]}	[0,1,1,0]	(1,–z,z)	1,4,5	
763	{[–1,–1,–1],[0,1,1]}	[–1,0]	(1,–z,z)	1,5	
764	{[–1,1,1],[0,1,1]}	[–1,0]	(1,–z,z)	1,5	
765	{[1,–1,–1],[0,1,1]}	[1,0]	(1,–z,z)	1,5	
766	{[1,1,1],[0,1,1]}	[1,0]	(1,–z,z)	1,5	
767	{[0,1,1],[1,0,0],[0,1,1]}	[0,1,0]	(1,–z,z)	1,5	
768	{[0,1,1],[1,0,0]}	[0,1]	(1,–z,z)	4,5	
769	{[–1,–1,1],[1,0,0]}	[1,–1]	(–1,z,z)	1,4	
770	{[–1,1,–1],[1,0,0]}	[1,–1]	(–1,z,z)	1,4	
771	{[1,–1,1],[1,0,0]}	[–1,–1]	(–1,z,z)	1,4	
772	{[1,1,–1],[1,0,0]}	[–1,–1]	(–1,z,z)	1,4	
773	{[0,1,–1],[1,0,0],[1,0,0]}	[0,–1,–1]	(–1,z,z)	1,4	
774	{[–1,–1,1],[1,0,0],[0,1,–1]}	[1,–1,0]	(–1,z,z)	1,4,5	
775	{[–1,1,–1],[1,0,0],[0,1,–1]}	[1,–1,0]	(–1,z,z)	1,4,5	
776	{[1,–1,1],[1,0,0],[0,1,–1]}	[–1,–1,0]	(–1,z,z)	1,4,5	
777	{[1,1,–1],[1,0,0],[0,1,–1]}	[–1,–1,0]	(–1,z,z)	1,4,5	y–z=0, x=–1
778	{[0,1,–1],[1,0,0],[1,0,0],[0,1,–1]}	[0,–1,–1,0]	(–1,z,z)	1,4,5	
779	{[–1,–1,1],[0,1,–1]}	[1,0]	(–1,z,z)	1,5	
780	{[–1,1,–1],[0,1,–1]}	[1,0]	(–1,z,z)	1,5	
781	{[1,–1,1],[0,1,–1]}	[–1,0]	(–1,z,z)	1,5	
782	{[1,1,–1],[0,1,–1]}	[–1,0]	(–1,z,z)	1,5	
783	{[0,1,–1],[1,0,0],[0,1,–1]}	[0,–1,0]	(–1,z,z)	1,5	
784	{[0,1,–1],[1,0,0]}	[0,–1]	(–1,z,z)	4,5	
785	{[–1,–1,–1],[1,0,0]}	[1,–1]	(–1,–z,z)	1,4	
786	{[–1,1,1],[1,0,0]}	[1,–1]	(–1,–z,z)	1,4	
787	{[1,–1,–1],[1,0,0]}	[–1,–1]	(–1,–z,z)	1,4	
788	{[1,1,1],[1,0,0]}	[–1,–1]	(–1,–z,z)	1,4	
789	{[0,1,1],[1,0,0],[1,0,0]}	[0,–1,–1]	(–1,–z,z)	1,4	
790	{[–1,–1,–1],[1,0,0],[0,1,1]}	[1,–1,0]	(–1,–z,z)	1,4,5	
791	{[–1,1,1],[1,0,0],[0,1,1]}	[1,–1,0]	(–1,–z,z)	1,4,5	
792	{[1,–1,–1],[1,0,0],[0,1,1]}	[–1,–1,0]	(–1,–z,z)	1,4,5	
793	{[1,1,1],[1,0,0],[0,1,1]}	[–1,–1,0]	(–1,–z,z)	1,4,5	y+z=0, x=–1
794	{[0,1,1],[1,0,0],[1,0,0],[0,1,1]}	[0,–1,–1,0]	(–1,–z,z)	1,4,5	
795	{[–1,–1,–1],[0,1,1]}	[1,0]	(–1,–z,z)	1,5	
796	{[–1,1,1],[0,1,1]}	[1,0]	(–1,–z,z)	1,5	
797	{[1,–1,–1],[0,1,1]}	[–1,0]	(–1,–z,z)	1,5	
798	{[1,1,1],[0,1,1]}	[–1,0]	(–1,–z,z)	1,5	
799	{[0,1,1],[1,0,0],[0,1,1]}	[0,–1,0]	(–1,–z,z)	1,5	
800	{[0,1,1],[1,0,0]}	[0,–1]	(–1,–z,z)	4,5	

ÖZGEÇMİŞ

Nurgül KALAYCI, 25.07.1989 tarihinde Bolu'da doğdu. İlk, orta ve lise eğitimini 2007 yılında Bolu'da tamamladı. Aynı yıl Zonguldak Karaelmas Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü'nde lisans eğitimine başladı ve buradan 2011 yılında mezun oldu. Yine aynı yıl Sakarya Üniversitesi Fen Bilimleri Enstitüsü Matematik EABD Uygulamalı Matematik Bilim Dalı'nda yüksek lisans programına kaydoldu ve halen öğrenimine devam etmektedir.