Simplex Yostemi · 2 = c, x, + c2 x2 + C3 x3 4 TSE a11x, + a12x2 + a13x3 = b1 a₂₁ ×₁ + a₁₂ ×₂ + a₁₃ ×₃ ≤ b₂ / sol tarafa bir seyler a₃₁ ×₁ + a₃₂ ×₂ + a₃₃ ×₃ ≤ b₃ / ekleriz · Simplex in it worth esittik olmows 1 + x4 = b1 $2 + x_5 = b_2$ 3+ x6 = 63 f+0x4+0x5+0x6== > eklementer kat sayısı O slavak z ye eklenir > dross dermunde · Third sort birim matris alusmasi 3- x4 + x2 = b1 2-x5+x8=b2 3-x6+x9=b3 2=f+0x4+0x5+0x6+wx4+wx8+wx8 -> gental degisterlein tat sayisi w 2= C, X, + C2 X2+ C3 X3 D 46, 2 = b2 3= 63 D = b1 + X4 2= b2-x5+x6 3=b3+x7

z=f+0x4+0x5+wx6+wx7

- June	l						
7=	2x.+3	3×2 ml			2 =	2×1+	3×2+0. ×3+0. ×4min
4,	x1+2x2	2 mi	1	fu:	4. 42	×2 + ×2	=======================================
			1				
	2 2	≤ 7 ≥ × × × ×				+ * 4	
0+	×3 = 5	5 POXL	· vov	7			
2+	- Xu = -	7 10 x3	var	Jomas	1 1-1	roldin	
	0			t	dere f	at seyibi	· Birin matrisi desturan degistades 'baz'a yazılır.
B	az C	3+0x4	IP.	IP.	1P2	P	bate a year.
×3 (F	3	5	4	2	1	0	· C, bin'n m. oksteron deg.
×3 FF. ×4 FP. tensil edijar	1 0) 7	3	1	0	1	· Po, Eisit dent. soig toraflori
tensil -			1-2	-3	0	0	· Digerleri Eiset denk talt sayıları
0	1	1		4	6		· Cik P'les garpilip, 2 tat
0.4+0	CO A CASE OF	. (-	depsi	40	ise N	u)	sayısı çıkarılır, çarpılan değ.
0.2+0	0.0-0	791	n opt	EIMUM	452	ndor	
0.0+0	0. (-0						altina yearling
	$X_{1}=0$						gunde barde danbrin degerleri
		bl	unmes	tur i	re l	no bou	degerbrair,
örnek			9		8		April 1
Ustte	binin	ayrısı	ana	ak m	ax. s	baklem	
							un. gerrilmeli
z=2x,	+3x,	max =	> 2 = -	-2×,-	3×2.	win.	· Opt. gözin gelsa songlatbir
		$x_3 = $					max slam asitue gives smel
							· Prot elman section
3×1+							12 14 AMA GOM SECTOR
7=-2× Baz	4-3×2	+0x3+	OXL	-3	0	0	P2, P3 yesine asserme giver
Bar	CI	Po 1	Pil	Pal	P3 1	P4	· Her admida birin maters kontral edilir.
P.3							
P4		2	3	10	0	1	-3.2+0.4-(-2) = -4
14			-			10	-3.1/2+0.(-1/2)-0=-3/2
		5/2	+2	+3	10	10	-3.0+0.1-0=0
= Pa	No. of Concession, Name of Street, or other Designation, Name of Street, or other Designation, Name of Street,	5/2	2	1	1/2	10	x2 = 5/2 x4 = 9/2
Pu	0	9/2	1 - 4	00	1-3/2	0	x1=0 x3=0

smek

2= x2-3 x3 + 2 x 5 min

x, +3 x2 - x3 + 2x5 = 7

-2 x2 + 4x3 + x4 = 12

0
P6
0
0
1
0
0
01
0
50
01
5 0

14	-6		
	-> 4		
	3.5		
X6	>11		
XI.	70		
Xu-			
	70	-11	
E- 4-	35 =	1/20	

pritiflerin Mr. sed

birek

2 = x, + 2x2 + 3x3 - x4 Max

×1+2×2+3×3=15

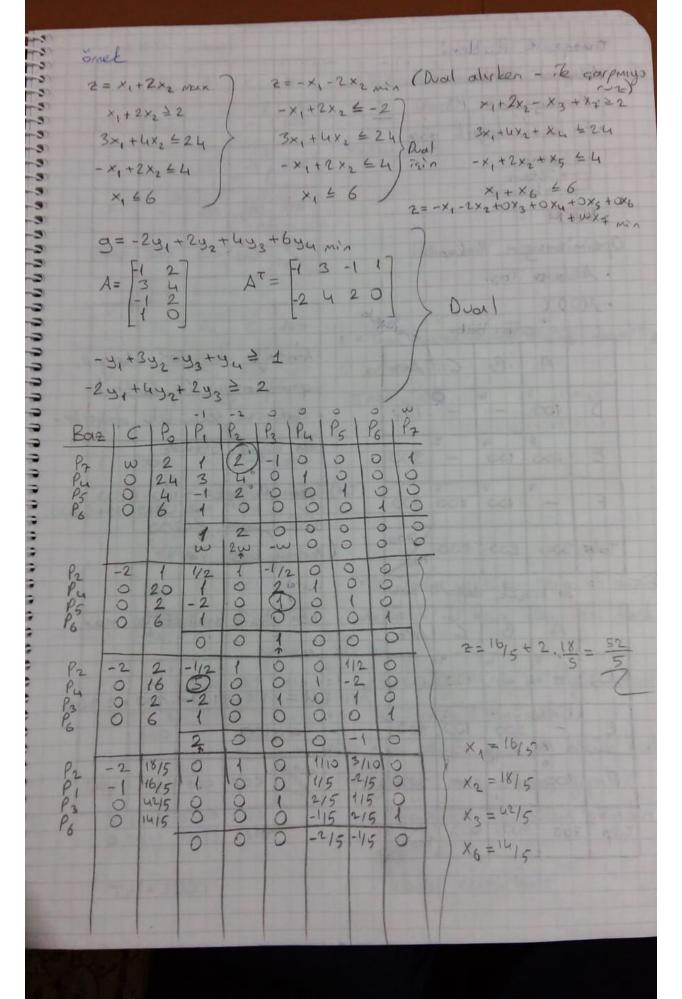
2x1+x2+5x3=20

x1+2x2+ x3+ x4 = 10

- > 2=-x1-2x2-3x3+X4+wx5+wx6 min
- > x1+2x2+3x3+x5=15
- + 2x1+x2+5x3+x6 = 20
- x1+2x2+X3+ X4 = 10

0	Baz	CI	P3	-1 P. 1	-2 P2	-3 P3	Pu 1	P5 P6	P. w.t +u	02+1.1-(-1)=0
	Ps	w	15	1	2	3	000	101	- P. W.2+u	0.(+(.2-(-2)=0) 0.5+1.(-(-3)=0 0.+(.1-(=0)
	P6 Pu	1	20	2	2	THE PERSON	0	000) 1/5 W 1+W	0+10-W=0 1+10-W=0
				+2	+4 3w	+4 8w	0	0 6	1513	015 1011
	Ps Ps	w -3	3 4	-1/5.	115	0	000	10	ayer	yorenler ayrı
	P4	1	6	315	915	0	10	10	- 115 W- G	15+3/5
	P ₂	-2	15/7	-1/5W		00	000	1-00	2/5 W - 3	3 3
	Ps Pu	-3	75/7	617	00	10	01	101	391	\$ 5 13 8 5 13 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	P2	-2	5/2	6/2	10	00	10		75 -	3 3
	P3	1-3	5/2	10	00	10	7/1	2	10 - 3	03 + 12 + 1
			0	0	0) -1			3	= 15
		190		1	5.17	5 14	+ 15		15 4	25 453 125
	she .	2010			2 7	- 14	7	弘 ,	15 A	15 55 STEEL
	$x_2 = 5/2$		×4=1		[n-	+15	70			
	$x_1 = 51$, $x_3 = 51$		$x_5 = 0$ $x_6 = 0$		1 = -	TI				
20	screk			9						
	2= 5×1+	8 x 2 .	w\a							300
	2x,+4)									
	3×1+×2	= 15								X, F3XL FX
	3×1-2×	£ 18	3							
2	$=5\times_1+8\times$	(2-0)	×3+10	X4+	uxs+1	NX6				
	2x, + 4x2	- X3	+ X5 =	20						
	3×1+×2	+ X6	= 1	5						
	3×1-2×2	+ ×4	410	K						

	_	_		8	0	0	i w	115		
Ba2]	01	81	P. 1	P2 11	3/ 1/2		1 16	-	4- 3	3-8
P ₅	w	20	233	41.	010	2	5/2			
Pa Pu	0	15	_				\$ 16	-		
T. Jak			-5	-8 5w	0	00	\$ 13	3		
-	w	10	STREET, SQUARE,	(0/3)	-(1		-24 1	51
Ps.	350	53	0+0	1133	00	90-	13)	10	19
Pu		1	No.	-19/3	10	0	16	1		
1110			00	10m/s		0	10	-	131	
Pe 0	850	3	0	10	1/10	00	1	100	10 3	
Pi	0	1/2	0	3	-9/10	07			-13	
	1111	1701	0	0	-19110	0	1		-00	170
		10						1		5
×1=	42	2=	د ۱ . ۵	. 8 2 -	= 44					
×2= ×4=	12	2	2,47	0.5	7					
Dualite										
0. 1					1					
Primar					- 000	201	257			
f=cxn	. ^ .				9 = k	04,	mor ×			
Ax & b					ATY					
Sirek					-					
								-1	00	007
2= ×2-3×						A=	0 -2	2 4	10	
X,+3×2			>	dia	1		10 -1	4 3	0 8	
-2×2+4×	3+X4	≤12	-				110	. 0)	
-4x2+3x3	+ 8×5	+x6 =	10)			AT =	3 -2		The same	
	10	10					0	1 3	SPE	
9=74,+	-1242	+1093	Max				0	0 8		
341-242	-447	1					10	0 1		
- 31 + 432	+343	=-3								
843 7 843 7 843 7	2									
732	0									



transport Problemi

Atama Yöntembri

- · Kuzey Bati Közesi
- · En kirt degesti göz

- Satur - Stun - Hocre

· VAM

Optimizasyon Kintembri

- · Atlama Tasi
- IOCM.

	Supply				
		A	B	C	Arz
	D	100	_ h	-	100
-	E	200	(33	-	300
1	F	- 9	100	200	300
	Talep	300	200	200	700

en kraite degerli souter

	A	B	C	Are
0	- 5	- 4	100	(00)
3	- 8	200	100	300
F	300	7	- 5	300
Talep	300	200	200	300

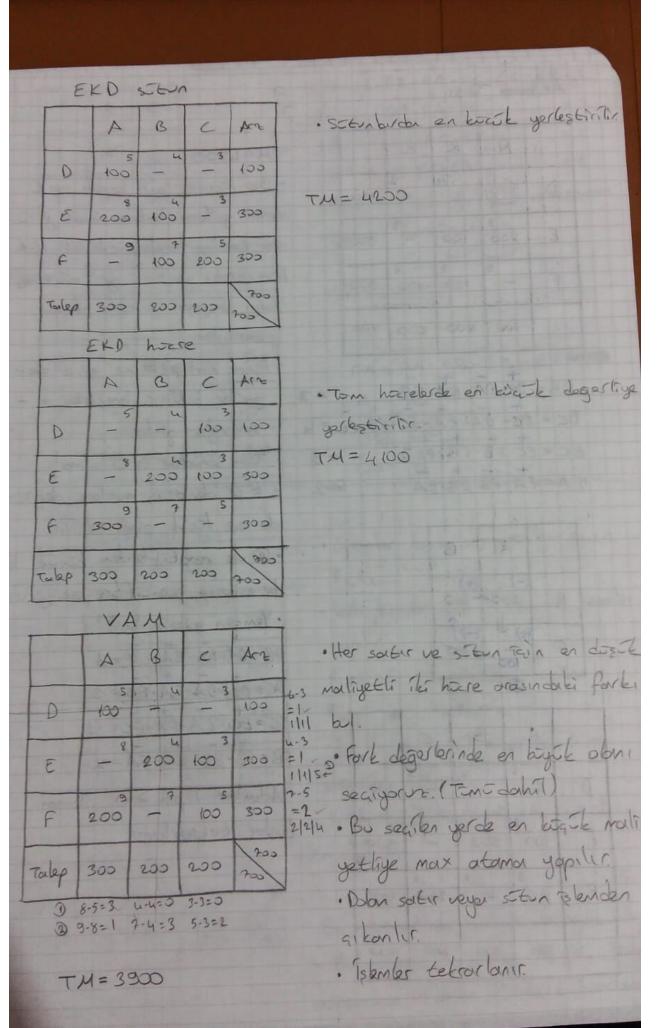
· Atanayla degerles, atayap, optimizacyon ile bontrol.

· Satur ve situadit degerlerder byte slavar

(TM) Toplam Maliyet = 5.100+8200 +4.100+7100+5.200 = 4200 (Kuzey bati Tle)

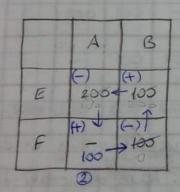
· En dost maliyettiye max

TM = 3.100 + 3.100 + 4.200 + 9.300 = 4100



		The second	And the second	-
	A	B	4	
0	63	- 4	3	(00
E	200	130	3	300
F	- 9	100	200	300
1303	300	200	200	700

DB = DB - DA - EA - EB DC = DC - DA - EA - EB - FB - FC = 4 EC = EC - EB - FB - FC = 1 FA = FA - FB - EB - EA = -2



The second second	A STREET, SQUARE, SQUA			-
	A	B	C	
D	100	- H	- 3	[33
E	100	200 4	3	300
F	000	7	200	300
	300	200	200	900

TM= 4200

bos hareler sain kapali hart denen yollora bakılır. Saiat yörünon tersi'ne horelet ederek doh harelerden gegerek gest döneregire Yolun kaşelerinin dolu olması yeterlidir.

· Hare matigetbrine gire degerler blunc. Boretler +, smasyla gider.

Tem sonuçlar = 0 almalı.

Le 0 abuların, mutlak değerde en tüçek alanı seçilir.

De regatiflerden tüçek kan
dar çıkarıp, pozitiflere ettiyorur.

Yeniden yallaran bankılır.

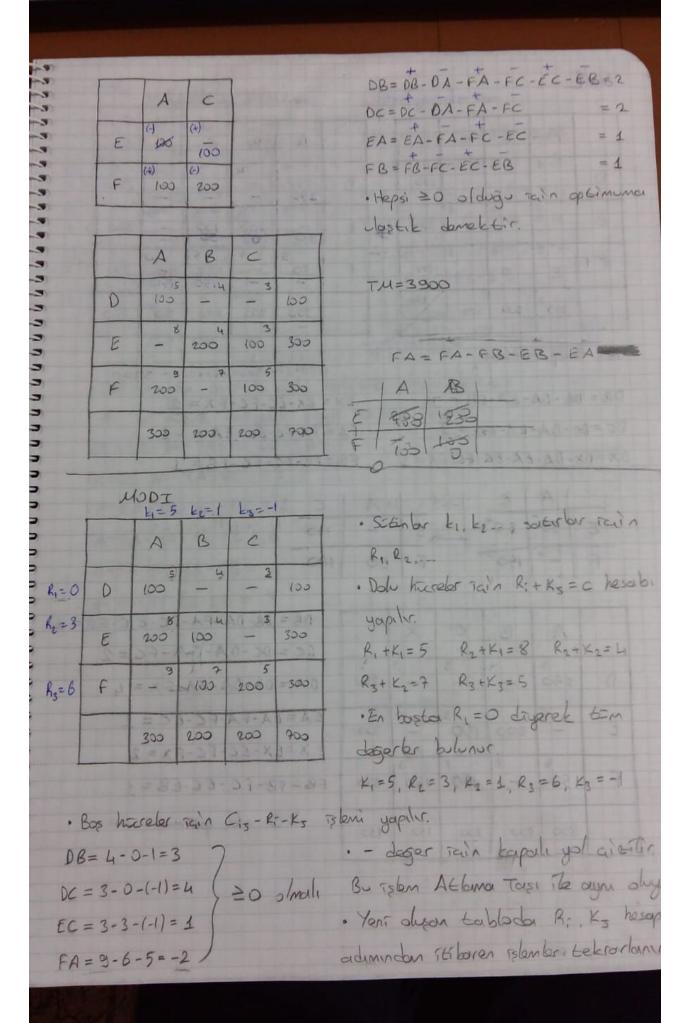
DB = DB - DA - EA - EB = 3

DC = DC - DA - FA - FC = 2

EC = EC - EA - FA - FC = -1

FB = FB - EB - EA - FA = 2

· Admlar tepsi ≥ 0 slonar todar tekrarlanır.



van le doburdule

		A	B	6	×		
	D	250 250	1 - 1	- 3	0	250	3
	E	50	200 200	100		300	-3
The second	F	50	7	100	150	300	5
		300	200	200	150	850	-
		3	0	0			

· Arz-talep esitlenic

DB = DB - DA - EA - EB = 3 DC = DC - DA - EA - EC = 3 DX = DX - DA - EA - EC - FC - FX = 5

1250+800+300+4500= 3300

 $E \times = E \times - E C - F C - F X = 2$ FA = FA - FC - E C - E A = -1FB = FB - FC - E C - E B = 1

	IA	10	1 9 2	A	10
E	50	50+	->6	94	(00
F	-+	150-	F	50	100

		25734 2 4 4 4 4				
3		A	B	C	X	MF CO
The second	D	250	-	-3	-	250
-	E	- 8	200	100	1 6	300
1	F	50	7	100	150	SOO
-		300	200	200	150	850

DB = DB - DA - FA - FC - EC - EB = 2 DC = DC - DA - FA - FC = 2 DX = DX - DA - FA - FX = 4 EA = EA - FA - FC - EC = 1 EX = EX - EC - FC - FX = 2 FB = FB - FC - EC - EB = 1 EX = D - DA - FA - FC - EB = 1 EX = D - DA - FA - FC - EC - EB = 1 EX = D - DA - FA - FC - EC - EB = 1

- · Herdrunde n+m-1 dolu kutucuk alması gerek
- · E, en dozik maliyetli vygun hareye kayılır DB = DB - DA - YA - YC - EC - EB = 1

TM= 2750

