B CSOPORT

Eróforras	a	Ĩe.	rm.	é k d	k i'szlet	
1.	0	2	4	-1	30	<
11.	3	1	2	2	45	2
111.		-	0		25	=
Haszon	10	15	10	-11		

Z = 10x, +15x2 + 10x, + 11x4 -> MAX

2* = -1/2 -> MAX

X > 0

Modell

$$0x_{1} + 2x_{2} + 4x_{3} + 1x_{4} \leq 30$$

$$3x_{1} + 1x_{2} + 2x_{3} + 2x_{4} \geq 45$$

$$1 \times_{1} + 1 \times_{2} + 0 \times_{3} + 1 \times_{4} = 25$$

Standard alak + 1. 13 ázis

$$0x_{1} + 2x_{2} + 4x_{3} + 1x_{4} + x_{5} = 30 \quad z^{*} = -y_{1} - y_{2}$$

$$3x_{1} + 1x_{2} + 2x_{3} + 2x_{4} - x_{6} + y_{1} = 45$$

$$1x_{1} + 1x_{2} + 0x_{3} + 1x_{4} + y_{2} = 25 \quad 2 \geq C$$

$$1 \times_{1} + 1 \times_{2} + 0 \times_{3} + 1 \times_{4} + y_{2} = 25$$

	В	XB	0,	~ ₂	0	64	0 G5	0 Q6	\overline{q}'_1	92	
•	a ₅	30	0	2	4	-	-	C	0	0	
-1 (91	45	3)	-	2	2	6	-1	-	0	
, (92	25		-	0	Ī	0	0	0		
5 *		-70	-4	-2	-2	-3	0		0	0	

BX		12
015 15/2		1/2
04 45	32 12 1 1 0 1/2 0	
92 5/2	-1/2 1/2 -1 0 0 (1/2) 1	1/2
-5/	2 1/2 -1/2 1 0 0 -1/2 0	-3/2
	5/2 5/2	
BX	G 02 03 G4 G5 Q6	12
0 05 5	-1 1 4 0 1 0	
11 04 25	7 1 1 0 1 0 0	-/
0 06 5	-1 0 -2 0 0 1	
5* -0	00000	-1
2 2;	25 1 -4 -10 0 0 0	
1	20 12,5	
BX	0, 02 03 04 05 06	λ
a ₅ 0	0 0 6 0 1 0	
94 20	20210-1	
α_1 20 α_2 5	-1 1 -2 0 0 1	
	-1 1 -2 0 0 1 -3 0 -18 0 0 4	-4
a ₂ 5	-1 1 -2 0 0 1	-4
a ₂ 5	-1 1 -2 0 0 1 -3 0 -18 0 0 4	-4 -4
295	$\begin{bmatrix} -1 & 1 & -2 & 0 & 0 & 1 \\ -3 & 0 & -18 & 0 & 0 & 4 \\ 30 & 0 & 0 & 0 \\ \hline c_1 & c_2 & c_3 & c_4 & c_5 & c_6 \\ \hline 0 & 0 & 6 & 0 & 1 & -1 \\ \end{bmatrix}$	
a ₂ 5 295 B X	-1 1 -2 0 0 1 1 1 1 1 1 1 1 1 1	2
B X 0	-1 1 -2 0 0 1 1 -3 0 -18 0 0 4 30 0 0 0 0 0 0 0 0 0	\(\lambda \)
B X8 05 01 03 03 04 04 05 04 05 06 06 06 06 06 06 06 06 06	-1 1 -2 0 0 1 1 1 1 1 1 1 1 1 1	2

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