KP 2 Bapianu 3 W1 Talpu402 2.6. K-28

$$L = 6X_1 + 4X_2 \rightarrow \min$$

$$\begin{cases} 2X_1 + 2X_2 \geq 3 \\ X_1 - X_2 \leq 1 \\ -X_1 + 2X_2 \geq 1 \\ X_{11} \times 2 \geq 0 \end{cases}$$

$$\begin{cases}
-2x_1 - x_2 \leq -3 \\
x_1 - x_2 \leq 1 \\
x_1 - 2x_2 \leq -1 \\
x_1, x_2 \geq 0
\end{cases}$$

$$\begin{bmatrix}
-2x_1 + 4x_2 \rightarrow \min \\
-2x_1 - x_2 + x_3 = -3 \\
x_1 - x_2 + x_4 = 1 \\
x_1 - 2x_2 + x_5 = -1 \\
x_1, x_2 \ge 0
\end{bmatrix}$$

		1	6.	4	0	0	0	
CS	XS	Ao	A,	A_2	A_3	Ay	As	
O	$\overset{\leftarrow}{\times}_3$	-3	$\left[-2\right]$	-1	1	0	0	
Q	Xy	1	1	-1	0	1	0	
0	\times_{5}	-1	1	-2	0	0	1	and the second section of the second section of the second section section section section section section sec
Δ			6	4	0	· 0	0	20
8			31	4			-	
<u>C5</u> <u>6</u> 0	× S ×1 ×4	$ \begin{array}{r} $	4 1 0	$\begin{array}{c c} 4 \\ A_2 \\ \hline 1 \\ \hline 2 \\ -\frac{3}{2} \end{array}$	A ₃ -12 12 12 12	0 A ₄ 0	A ₅	
Δ	\sum_{S}	- 3	0 0	$\begin{array}{c c} -5 \\ \hline 2 \\ \hline 1 \\ \hline 2 \\ \hline 5 \\ \end{array}$	$\begin{array}{c} \frac{1}{2} \\ 3 \\ \end{array}$	0	1 0	

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	CT. 2		. 1	£	4	0	Q	0
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	CS	XS	Ao	AI	A2	A ₃	Aly	A ₅
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	6	\times_1	1	1	0	$-\frac{2}{5}$	0	1/5
$\frac{4}{2}$ $\frac{1}{20}$	0	Xy	1	0	0	15	1	-3
≥0- -oum.pogs	4	λ_1	1	0	1	-1	0	-2
- oum. post			≥0-					
			- oum . post.					
						Taggett and the Control of State of Sta		A

W2

$$\widetilde{\chi}^* = (1, 1, 0, 1, 0)$$
 $\chi^* = (1, 1)$
 $L(\chi^*) = 6 + 4 = 10$

$$\alpha = (15, 15, 15, 15)$$
 $b = (11, 11, 11, 16)$
 $\leq ai = \leq bi$

								. 2
	Q1	Q2	Q_3	Qy	Q5	a	a - \times	4
Pi	617	-1 20	22_29	3_26	0 15 25	15	0	-6
p ₂	0 3	-9 4 -0 +	6 _ 5	0 4 15	7 24	15	4,0	2
P ₃	27_19		3422		7_13	15	4,0	13
Py	215 220	12 27	0111	3 17	0 1 19	15	4,1,0	0
Ь	11	11	11	11	16			
b-X	0	0	0	4,3,0	15,0			
\vee	5	15	1	17	19			
								n

min $\Delta ij = \Delta_{22}$

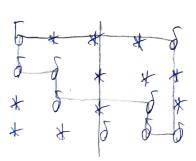
CT. 3

*	*	×	*	5
8	5	*	5	*
*	8	*	5	*
*	*	5	5	5

 $Q = 4 = X_2 4$

	Q1	Q ₂	Q_3	Qy	Q_5	a	4
Pa	-3 0 17	-1 2	22 25	-	6 0 15 25		-6
P ₂	0 11 3	4	15 5	9 13	1 1	15	11
p 3	18 19	72	34 22	0 9	7 13	15	13
Py	206 220	12 27	11	0 3 14	9 19	15	0
b	11	11	11	11	16		
V	19	15	1	17	19	Committee Committee Committee	
Min 4j=1	11				Continue of the continue of th		VIAPOZINIP JOS mentumpi opi

Min 4 = 11



 $Q=3=\times_{44}$

P1	0 3 17	1	Q ₃		Q ₅	<u>a</u> 15	<u>u</u>	
<u>β</u> 2	18 19	0 4 9	12 5 31 22	9 15	13 24 4 73	15	8	
P4	209 220	15 17	0 111	3 17	0419	15 15	10	
<u>b</u>	11	11	11	11	16			lei sij≥0
				V [13			I - Mun.

$$X = \begin{pmatrix} 3 & 0 & 0 & 0 & 12 \\ 8 & 4 & 0 & 0 & 0 \\ 0 & 9 & 0 & 11 & 0 \\ 0 & 0 & 11 & 0 & 9 \end{pmatrix}$$

$$L(x) = 51 + 300 + 24 + 28 + 8 + 44 + 11 + 76 = 542$$