

	α_1	α_2	α_3	α_4	α_5	α_6	B	TQ
Z	-4	-2	-3	0	0	0	0	X
α_4	1	2	1	1	0	0	12	12
α_5	2	0	2	0	1	0	16	(8)
α_6	1	4	0	0	0	1	10	10
J		↓		↓		↓		TQ
Z	0	-2	1	0	2	0	32	
α_4	0	2	0	1	-1/2			
α_5	1	0	1	0	1/2			
α_6	0	4	-1	0	-1/2			
J	↓		↓		↓			TQ
Z	0	0	1/2	0	1/4	1/2	33	
α_4	0	0	1/2	1	-1/4	-1/2	3	
α_5	1	0	1	0	1/2	0	8	
α_6	0	1	-1/4	0	-1/8	1/4	1/2	

Soluções ótimas:

$$X^* \Rightarrow XB = (\alpha_4, \alpha_1, \alpha_2) = (3, 8, 1/2) \quad XNB = (X_4, X_5, X_6) = (0, 0, 0) \quad Z^*(X) = 33;$$



CIÊNCIA DA COMPUTAÇÃO

MATRÍCULA: 19.1.4012

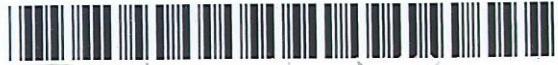
VALIDADE: 31/12/2024



UFOP

VALIDO EM TODO TERRITÓRIO NACIONAL

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α_1	α_2	α_3	α_4	α_5	α_6	α_7	α_8	α_9
-4	-2	-3	0	0				
1	2	1	1	0				
2	0	2	0	1				
1	4	0	0	0	1	10	10	
	↓		↓		↓			TQ
0	-2	1	0	2	0	32		
0	2	0	1	-1/2	0	4	X ₂	
1	0	1	0	1/2	0	8		
0	4	-1	0	-1/2	1	2	(2/1)	
	↓		↓		↓			TQ
0	0	1/2	0	1/4	1/2	33		
0	0	1/2	1	-1/4	-1/2	3		
1	0	1	0	1/2	0	8		
0	1	-1/4	0	-1/8	1/4	1/2		

Soluções ótimas:

$$\begin{aligned} \Rightarrow X^* &= (\alpha_1, \alpha_2, \alpha_3) = (3, 8, 1/2) \\ X^* &= (\alpha_4, \alpha_5, \alpha_6) = (0, 0, 0) \end{aligned}$$

$Z^* = 33;$