EX. 2.1.5. - PAG 25

MAX $x_1 + 3x_2$

SA $4x_1 + x_2 \geq 30$

$10x_1 + 2x_2 \leq 10$

$x_1, x_2 \geq 0$

$-z + x_1 + 3x_2 = 0$

$4x_1 + x_2 + x_{A1} - x_{f1} = 30$

$10x_1 + 2x_2 + x_{f2} = 10$

BASE	x_1	x_2	x_{f1}	x_{f2}	x_A	RHS	
x_A	(4) PIVÔ	1	-1	0	1	30	$30/4 = 7,5$
x_{f2}	10	2	0	1	0	10	$10/10 = 1$
FO$_A$	4	1	-1	0	1	30	$30/4 = 7,5$
$-z$	1	3	0	0	0	0	

BASE	x_1	x_2	x_{f1}	x_{f2}	x_A	RHS	
(:4)(-4)(-10) x_1	1	1/4	-1/4	0	1/4	15/2	$\frac{15/2}{1/4} = 30$
↳ x_{f2}	0	-1/2	5/2	1	-5/2	-45	
FO$_A$	0	0	0	0	0	0	
$-z$	0	11/4	1/4	0	-1/4	-15/2	

BASE	x_1	x_2	x_{f1}	x_{f2}	RHS	
(-1/4)(1/2) x_2	4	1	-1	0	30	$\frac{30}{1}$ ×
↳ x_{f2}	2	0	2	1	-30	$\frac{-30}{2}$ ×
$-z$	-11	0	3	0	-90	

SOLUÇÃO INVIÁVEL.