## PLA

Lista\_4
Método Simplex

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	In IV - Promomos S Binean ( Vimen Com)
Aximizar $z = 5x_1 + 4x_2$   Given the state of the st	VA. IX - VACTOR AMAZOR DIMENTAL (Vinneral Vine)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Asia San San San San San San San San San Sa
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	+ ()   0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	sujuto a: \ -3x1+2x2 \ \ 10
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute $a: \left(-3x; +2xz \le 10\right)$ $x_1 + 3x_2 \le 29$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute $a: \int -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	migite a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	originate a: $-3x$ , $+2x$ , $\le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_1, x_2 \ge 0$
3 2 0 0 0 1 0 0 43 43/8 = 143 Eqs(-3/2) 2) 1 0 0 0 0 1 0 28 14 / Es(1/2) 0 1 0 0 0 0 1 8 // :	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1 \times 2 \ge 0$ $x_1 \times 2 = 0$ $x_2 \times 3 = 0$ $x_1 \times 3 = 0$ $x_1 \times 3 = 0$ $x_2 \times 3 = 0$ $x_3 \times 3 = 0$ $x_4 \times 3 = 0$ $x_1 \times 3 = 0$ $x_2 \times 3 = 0$ $x_3 \times 3 = 0$ $x_4 \times 3 = 0$
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	pujcite a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 > 0$ VNB VNB VB
0 1 0 0 0 0 1 8 00 -	pujute $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $\sqrt{NB}  \sqrt{NB}  \sqrt{B}  $
The state of the s	out at $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge$
-51-41010101010101	mujate a: $-3x$ ; $+2x$ ; $\leq 10$ $x+3x$ ; $\leq 29$ $2x+3x$ ; $\leq 37$ $3x+2x$ ; $\leq 43$ $2x+x$ ; $\leq 28$ $x$ ; $\leq 8$ $x$ ; $\approx 8$ $x$ ;
7	OBLIGHTO $a: -3x, +2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1 x_2 \ge 0$ $\sqrt{NB}  \sqrt{NB}  NB$
	mujate a: $-3x$ ; $+2x$ ; $\leq 10$ $x+3x$ ; $\leq 29$ $2x+3x$ ; $\leq 37$ $3x+2x$ ; $\leq 43$ $2x+x$ ; $\leq 28$ $x$ ; $\leq 8$ $x$ ; $\approx 8$ $x$ ;
-51-4100000000 E75(6/2)	pujute $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_1 \times 2 \times 0$ $x_1 \times 2 \times 0$ $x_2 \times 6$ $x_3 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_4 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_4 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_4 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_4 \times 6$ $x_1 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_4 \times 6$ $x_1 \times 6$ $x_2 \times 6$ $x_3 \times 6$ $x_4 \times 6$ $x_5 \times 6$
	Sujetto $a: -3x, +2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_1 x_2 \ge 0$ $x_1 x_2 \ge 0$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$
1	Sujetto $a: -3x, +2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_1 x_2 \ge 0$ $x_1 x_2 \ge 0$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$
1	Sujetto $a: -3x, +2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_1 x_2 \ge 0$ $x_1 x_2 \ge 0$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$ $x_2 \le 8$ $x_1 = x_2 \le 8$
-5   -4   0   0   0   0   0   0   E75(5/2)	mujute a: $-3x$ ; $+2x$ ; $\leq 10$ $x+3x$ ; $\leq 29$ $2x+3x$ ; $\leq 37$ $3x+2x$ ; $\leq 43$ $2x+x$ ; $\leq 28$ $x$ ; $\leq 8$ $x$ ; $\approx 8$ $x$ ; $\approx 8$ $x$ ; $\approx 8$ $x$ ; $\approx 10$ $x$ ;
	out at $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge$
The state of the s	out at $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_1 \ge$
The state of the s	out at $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, $
0 1 0 0 0 0 1 8 00 -	pujute $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $\sqrt{NB}  \sqrt{NB}  \sqrt{B}  $
0 1 0 0 0 0 1 8 00 -	pujute $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $\sqrt{NB}  \sqrt{NB}  \sqrt{B}  $
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	pujcite a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 > 0$ VNB VNB VB
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	migration a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_1, x_2 \ge 0$ $x_2, x_3 \ge 0$ $x_3, x_4 \ge 0$ $x_4, x_5 \ge 0$ $x_5, x_$
3 2 0 0 0 1 0 0 43 43/8 = 143 Eqs(-3/2) 2) 1 0 0 0 0 1 0 28 14 / Es(1/2) 0 1 0 0 0 0 1 8 // :	pujute $a: -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_2 \ge 8$ $x_1, x_2 \ge 0$ $x_1, x_2 \ge 0$ $x_2 \ge$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	originate a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $\sqrt{NE}  \sqrt{NE}  $
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	originate a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $\sqrt{NE}  \sqrt{NE}  $
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $\sqrt{NB} \text{ VAS VB VB VB VB VB VB}$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$ $\sqrt{NB} \text{ VAS VB VB VB VB VB VB}$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	migite a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	migite a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	migite a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$ $x_1, x_2 \ge 0$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$ $x_2 \le 8$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$ $2x_1 + x_2 \le 28$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute a: $-3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$ $3x_1 + 2x_2 \le 43$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute $a: \int -3x_1 + 2x_2 \le 10$ $x_1 + 3x_2 \le 29$ $2x_1 + 3x_2 \le 37$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	oujute $a: \left(-3x; +2xz \le 10\right)$ $x_1 + 3x_2 \le 29$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	sujuto a: \ -3x1+2x2 \ \ 10
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	+ ()   0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	11 warmingar 2 = 5 x1 + 4 x2.
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	With a various amagazinas Wasar analism
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2/4

						15						1	1
	V6		V6	V8	48	٧B	~~~	VB	<del></del>	TI			
	7(+	γ <sub>2</sub>	Хз	3(4	725	χ6	727	7.6	Ь	Q			
	0	7/2	1	0	0	0	3/2.	0	52	104/7	E 14(-7)		
	0	5/2	0	1	0	0	-1/2	0	15	6	E24(-8)		
	0	2	0	0	1	0	-1	0	9	9/2	E34(-4)		
	0	(1/2)	0	0	0	1	-3/2	10	1	2	\$ E4(2)	×	
	1	1/2	0	0	0	0	1/25	0	14.	28	. E54(-4)	- 1 - 1	
	0	i	0	0	0	0	0	1.	8	8	E 64(-2)	Total Control	424
Z	0	-3/2	0	0	0	0	5/2	0	70		·E74.(3)	14	***************************************
		1						7	in a part	ν			
1	71,	χ <sub>2</sub> , χ	5,7(4	. 76.	X € , X	. 7, X E	3)=(1	4.0	:52	.45	9,1,0,8)		
		5(14					<i></i>	- Constitution	-y-manti-	y	- mingrowshi Mahamada and		
	U VB	48	V6	VB	٧ß			V8		T2,	Core and a series assessment		-
	K a	72	7.3	a भूडा	7.5	76	1/27	16	ь	0			
	0	0	1	0	0	-7	12	0	45	15/4	E 13 (-12/8)		
	0	0	0	1	0	-5	7	0	10	10/7	E 23 (-7/5)		
	0	0	0	0	1	-4	(5)	0	5	1	/ Ea(1/5)		
	0	4	0	0	0	-2-	-3	0	2	76	. Edz (3/6)		
	1	0	0	0	0	-	2	0:	13	13/2	E== (-2/5)		
	0	0	0	0	0	-2	3	Ą	6	2	E68(-3/5)		
Z	0	0	0	0	0	3	-2	0.	73		E13(2/5)	100	
							1						
	(21.	22,	X 3, 70	4,76	€, ℃6.	X2, X	. (8)	(13	2 4	15.1	0,5,0,0,6)		
								,		inotherf. 4 a	in personal personal and the second	***********	
	3 = 0 0 × B	V8	VB	٧ĕ			V8	√B	73		-		
	7(1	22	7.3	20.4	<b>%</b> 5	ZG	<b>Έ</b> 7	7.0	ь	+		73 W. W.	
	0	0	1	0	-12 <sub>/5</sub>	18/5	0	0	33		. 1		
	0	0	0	1	-7/5	3/5	0	0	3		<del>- (26) - 11) (2-11) - 2-1</del> 11-2-	14-	
	0	0	0	0	1/5	-4/5		0	1		Harman Warran and San		
	0	1	0	0		-2/5	0	0	5				W dining - CV - 185 in
	1	0	0	0	-2/5		Ō	0	11				
	0	0	0	and the second				Ī	3				Fosoni
Z	0	0	0	0	2/5	7/5		Ó	75				

$\subset$	/	1	) .							
	(74,	Xa,	7.3.X	4,75	1,76	Z7. 2	(e) =	(11,	5,3£	3,3,0,0,1,3)
	3 =	5.(!	1)+	4(5)	=7	5	V Tuesday	0.0		
	0		**************************************		74	11		E E		
Jes.	MAGI	) (	X1, X	2) =	(11,5	) ¿	3,00	k = 7.5	5	*
	9				History of the		0		$\overline{}$	
2	Maxi	imiz	ar.	3.E	4 21	+5	×2.+	7x3	-,724	
	miji	1.6								
anner bires, pe	0		1				3.7			
55									≤12	the second secon
							eri na tracian	and the second	3337500	
art interestiva.									-	
		2-	K1 - "	X2 +	3 %	3 4 2	3644	- 7/ 5		£10 ···
5-	SL	1					100000000000000000000000000000000000000	- 100 E 10 10 10 10 10 10 10 10 10 10 10 10 10	4 %6	5
		1								+27=12
et content ha	er que montenano				. V8		48		тф	
*************	χ1	Y2	Zj	7(4	X5	76	χ,	b	0	47 47
···· urasar virta	12	-1	(3)	4	1	0	0	10	10/3	E ((1/2)
	1	1	1	}	0	1	0	5	5	E21(-4a)
- 111-11	1	2	-2	4	0	0	1.	12		Esi(4/s) .
Z	-4	-5_	27	į	0	0	0	0		E41(7/8)
	er garrierania		/	000+0+0+0+0+0+0						
	(21	7.2.	7.3.7	4,3	5, 26	(22)	<u> </u>	0.0	0,0.	10.5;12)
-			5.0							
	(/		٧ß		514	<u> 75</u>	√8"	100	7:1-	1
	21	¥2.	7/3	જાવ	7.5	Y.G	7.7	Ь	Q	
	21	-1-		1.	6.1	0	-	10		

5/3:

66/a

12

0

31/3

E12 (1/0)

E2(3/0)

EAR(-1)

FOROM

7/3

		=											<	1	
(	7(1,7	12,70	3,70	1,76	X6.7	(7)=	(0.0	) 10/	3 ()	0.5	/3 56	/3)			
								70		, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,				The same
(	)	VB	V8		2500 100,000		٧ø		T2						
.	χ,	χı	7/3	70	75	X6	. Xa	Ь	Q	ľ	11	-			
	3/4	0	1	3/4	1/4	-	4	15/4	5	Faz	(-1/12)				
	1/4	đ.	0	-7/4	3	3/4		5/4	KS.	Section 1	(7/36)		***************************************		
	2	0	0	(9)	1	-1	1	17	17/9	Es(		Wind International			
Z	5/2	0	0	-5/2	1/2	11/2	0	65/2			(5/18)		-	7	
				7	-			-							
(	·χ*.	X2.7	43.7	(d, Ze	76	x 7) =	. (0	5/0	15).	4, Q,	00	17			
	2 : 4	4.0	+ 5.	(5/2	) 4	7 (15	/d)	-0:	65/	1 y 944 0	4,12	+			100 to
	0	VB	٧B	VB	- Armerican			Ta		MICHAEL CO	**** ****	<del></del>		100000	
	n:	7/2	r s K	પ્રવ	75	X6	χ3	Ь						-	
-	7/12	0	1	0	1/6		-1/12	-							
3	23/36	1	0	0	-1/18	5/9	7/36			TT					-
12	2/9	0	0	1		-1/9	100								
2 6	5/18	0	0	0	The second second			335/9							
			-												-
(	×1.5	62.7	(= 2/	4 70	26	72)	10	41/	3 7/	2 17/0	Δ.	0.0	)	-11	
2	4	. 0 -	· 5.	(41/9	) + 5	7 (7/2		17/9	335	3, <sup>17</sup> /a	121	VIV	1		
0					/ main vi		of some			/-7					
Joly	yas	7 (	7(1,7	(2,)	(3,70	d) =	(0,	41/9,	<sup>7</sup> /5,	17/9)	1.34	náx = <sup>5</sup>	335/9		
										promise, research	- 0				
3 m	ain	mize	ar	:3:	22	+3	X2 1	3×3	1.			**********************			
	izciti	+ a	: }_	321	+ 2	X2 S	60	,							
	0		1		+ 72			10							
		-		2 121	-2x	2 +5	5233	50			110.1				
			ĺ		22.		Service of the servic			3-30 3900 =					***************************************

Observação: o usurácio

entrada". Resolva-or das duas mancinas

Foroni

em questas apresenta " empate no critério de

	(96) -435 -435 -446								
$\overline{1}$	1	$\supset$							entonio della forma per periodi della forma di la compania di la c
	1	2	. 0 ~			4 -	¥ 4		= 60
C (		= 7(A						175	= 10
S - 5	21				+5 χ;		++++177477	and training	+x6 = 50
1		K K			VS Y			70	
			i	1		66	6		
	7.4		()						E12(-2)
	3	7	-	0	1		10	10	
	-1			0	0	1		77	E 82.(2)
	2		5	6. 11	4	0	0		E42(a)
2.	-2	-31	3	0 [	U L	V_1	9_	l	No. of the second secon
		-				1		3 0	60 10 50)
	(-1/4	12.7	13 7	4.7	5,26	1=1	0,1	<u> </u>	60,10,50)
	3=	20-	30	+3	0 = (	)		,	
							100707		* = = = = = = = = = = = = = = = = = = =
10 7	Cure	mas							
	1	1/8		√B.	Г	48		71	
	XI	72	1/3	74	Xs	Xs	b	Q	
	(5	0 (	-8		-2	_0_	4(	1/	E1(1/5)
ACENCY-	- 1	1	4	0	1	0	10	<u>                                     </u>	E21(1/5)
	0	0	13	0	2	1	70	)	
Z	5	0	9	0	3	0	30		E31(4)
	*								
	(.,	. 72	7/ 3	74.	X5 . 7	6)	= ( (	)_10	0,40,0,70)
-	7	- 2 0	13	.10	+3.1	) =	30		and the second district the second se
	0		And a second				T:	2 3 1	1. 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4
-	7	1 7/2	1/2	-x4	Xs	Xs	Ь		
***************************************	1	0	-	1/5		1		31	1 (12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
- 123	+	)   1	-	5 1/5			16	3	
25.011	10	1 1	1	1	1	1		0	

					χε) 0 = 7		18,1	2,0,	0,70)
U							в, о)	13	máx = 70
20.	Bu	solu	ja d						
				VB	V8	VB	T	TØ	
	24	7/2	X3	7/4	7/5	7.6	Ь	Q	
	3	2	0	1	0	0	60	1	
1/6	-1	1	(4)	0	1	0	10	5/2	/ Ea(1/4)
L'ANDRES CONTRACTOR OF THE PARTY OF THE PART	2	-2	5	0	0	1	50	10	E 32 (-5/4)
_ Z	- 2	- 3	.3	0	0	0	0		E42(8/4)
			1			,		woo e 1000	
(	X1, X	2,7	3,74	1,75	,7(6)	<sub>=</sub> (	0,0,	0.6	50,10,50)
					0=0				
(	)		VB			VB.		T1	
	761	<b>X2</b>	7/3	7/4	Ϋ́ς	7(6	20	Q	
	3	2	0	1	0	0	60	20	E13(-12/13)
	-1/4	1/4	1	0	1/4	0	5/2	1.77	E23(1/18)
	(13/4)	-13/4	0	0	-5/4	1	75/2	150/13	1 E = (4/18)
	~ <sup>14</sup> /4)		0	0	3/4	0	15/2		E93 (11/13)
	1					1		-	And
(	21.7	(2.7)	3.74	7.5	75)	= (n	0	5/2	60.0.75/2)
		100			3.5/2			)	
(	VB	eriorita nacional	V8	V8				т2	
	71	72	7(5	49 10	7/5	76	ь	Q	- 1 - 2 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2
	0	(5)	0	1			339/3		/ E1(1/6)
	0	0	Ť	0	2/13	1/13		17.57	L. H.751
	1	-1	0	0	-5/13	THE STREET, SQUARE,	100000000000000000000000000000000000000	7	Farus
Z	0	-5	0	0					E31(48) E41(1)
		1			154	5 M			Fore

$\frac{\checkmark}{}$		$\geq$			. / 41	507		20. 220. 0.0
(70	,72,	73,7	(4,7/5	,76	) = ( ":	143,	Q.,_	10/13, 320/13, 0, 0)
	= 2	(150/1	3) +	3.0	+ 3.	(7/1	3) = '	540/43
0	V8	VΒ	VB	,	j		gliomosaires	13
	XI	7/2	7/3	7/4	75	76	Ь	0
	0	1	0	1/5	3/13	-12/65	66/13	E42(12/5)
***************************************	0	0	4.	0			70/13	
	1	0	10	1/5	-2/13	8/65	216	135 Esa(-8/5)
——— 乏	0	0	0	1	11/13	-1/13	840/13	E42(1)
		4	1			1	3	beautiful de la constitución de
	~		3	~	· )	121	5/12	66/13, 70/13, 0, 0, 0)
3	A1, Z	216	( )	21	66/	) , 2	(70)	(a) = 040/13
	)		13 / -	21	/15/		6. 3%	13/ = 713
	VB		I		·	V8	T4	
	7(1	7/2	X3	1/5	7/5	76	b	
*********	0	1	12/5	M	1	0	18	
	0_	0	13	0	2	1	70	A CONTRACTOR OF THE PARTY OF TH
	1	0	- B/5	1/5	-1/5	0	8	
£	0	0		1		0	70	L
	(71,	Z2,	73,	74,7	5,7:	<u>a)=</u>	(B,	18,0,0,0,70)
	3 :	2.8	+31	8+3	3.0 =	70		
	U					TITLE 1 TO 1 TO 1		
Jole	us.	. ( -	(1,7C	2, 7	3) =	(8.	18,0	)) l 3,måx=70
	7						7.	
4	lan		ar	. 2	= 761	4 7/0	17:	significant and the second control of the se
		- ( 8 a		0		142-14	3 Pw 2	English and the second section of the second
	1 day	ULL	1		72 7/		. 5 /	
					272 +72		295	

FORONI

	nation.	1	K 9 +	χ2,		- 724		-1-1000		X7_	= 3	
_5	-5	1 3	(1-):	2×2-	×8		-75	5		+	+xe = 4	
		_( 5	2 x 0 +	7(2	+ χ3			+70	6		. = 2	
								***************************************	- I semiliared			74
_1)	aria	was	de	Jole	pui.	74,	X5, X	671	)		<i>1</i>	
Ü	aria	iveis	wil	Jich	in:	χ <sub>7,</sub>	202	0				
		2		1				·				1000
主	ungo	\$ A	rtife	iia	: بـ	M = =	727-	%8 ≤	0	P = 1	<u> </u>	***************************************
7	Vanc	imiz	pers	M								
	uju	to a	- S1						100	3	en to design of the second	
	U	7	7		-7	VB	75.00					
	121	12	χа	74	175	76	7.7	7.6	b			ucana a
-	1	1	0	-1	0	0	1	0	3	1	3 3 3 5 5 5 5	
	1	12	1	10	-1	0	0	1	4		13 1 48 - 15	- 1712 To 12
	12	1	1	10	0	1	10	0	2	1	ul tavi i	
赱.	1-1	-1		0	0	0	10	0	0	1,12	18 250 × L	
M	10	10	10	0	0	0	1	1	10	E	51(-1)+ E 52(-1)	
-							78)	5(	0,0	0,0,	0,0,0,3,4)	
	M =	-3	-4=	-7	<u> </u>		·········	+==+				
	Г					V8	48	V8	-	T1		
	71	72	73	7/4	75	7(6	77	76	Ь	Q		
	1	. 1	0		0	0	1	0	3	3	E18(-1)	
		2	1	0	<u>- A</u>	0	0	1	4	2	E23(-2)	
	2	U	1	0	0	1	0	0	2	2	1	
3	-1	-1	-1	0	0	0	0	0	0_		E48(1)	
M	-2	-3	-4	1	1	0	0	0	-7_		E53(3)	
-		_	***************************************							************		
	<u> </u>	(2,7)	B, X4	X5,	χ6, χ	7,70	, ) = (	0,0	,0,0	0,0	,2,3,4)	
	7 = -	3-4	= -	7							rosas and a second	36

		1													
		V8	A			year and the second	VB	VΒ	T2.	Market Control Control Control	MI CONTRACTOR			n the facility of the latest con-	
	71	7/2	7/3	χ4	765	7/6	767	X6	Ь	-			7)		
	1	0		-1	0	- 64	ı	0_	1.		8 5				
	-3	0	-1	0	- Ì	-2	0	-le	0						
	2	1		0	0	1	0	0.	2					tuntar a con	SHIIII SHIIII
7	1	0	0	0	0	1	0	0.	2	4 , - 2					
M	4	0	2	1	1	3	0	0.	4	V 12 .					
zolu	Mas.	? £	pon	ével	mo	jore	7.40		de f	orna i	gul 1	1=0	· Po	90-	4
-w1	L		6153 1V1	<del>ra decido</del>	۰			, A3	·/				1		0.775.E4
111	irite	. (1	<u>n:</u>	11			UX	<u> </u>		<u>:</u>		***********	-		
DE	()	r a	1		(2 \$ X2 }								ž		name to
					72					asan danna a merca		nammen meneral	*****	HILANT THE SEC.	
		mujeritir deler			230			***********				gana eri nga kalangan nga			nai tratan
		-						· ·	· · · · · · · · · · · · · · · · · · ·	National Control					
		7(1	+ 7(2	+ 70	ž		desir to treatment	-		= 60:	10.1	. 1		1	
	1				- 79	4	32	176		t want	111 20				
5 →	S1)	7/4	+27	2		Talk statetonic	Martin London Street	Lunio E	-	= 100	*				
<u></u>	<u>Si \</u>		+27( + +9(				X 5			= 110					
5->	S <sub>1</sub> \		A. 1. 19-100						+747					- 1	_
Vari	ávti	(2×	1 + 7( 2 fp	2. daylar	;. X 3	·-· ·, 7(4,	75 7	»O	+%7	=110				- 1	
Vari	ávti	(2×	4 4 9(	2. daylar	;. X 3	·-· ·, 7(4,	75 7	»O	+%7	=110				1	
Vari Var	avti idur	[2x	e lot	agar elais	: X3	5, 74, 6, 77	%5 %5 ? ≥0	>0 °	+ × 7	= 110		10	<u> </u>	1	
Vari Var Fun	ávti iáves vád	2x s d art	e fol rtifi Yici	elais al	: X3	5, 74, 6, 77	%5 %5 ? ≥0	>0 °	+ × 7	= 110				1	
Vari Fun Ma	ávti iáves vád	2x ad	e fol rtifi Yici	elais al	: X3	5, 74, 6, 77	%5 %5 ? ≥0	>0 °	+ × 7	= 110		10		1	

		-	Y8		-	V8	¥Β	тф	-	
	7.1	7/2	Ха	7/4	7/5	7/6	7.7	Ь		
200	1	1	1	0	0	0	0	60		- II
		2	0	-1	0	1	10	100		
	2	1	0	0	-1	10	1, 1	110		The second secon
差	- 20	-30	0	10	0	0	10.	0		
M	0	0	0	0	0	1	1	0	F	52(-1) + E53(-1)
									4	
<del>-2000</del>	(x1.	(2. 7(	3.74	.7(5.	76.	77)	= ((	70	60.	0,0,169,110)
				0 =				Cope Manghe	T. W. J.	
	0	- Allender				CANAL STREET	tin	lana or		
	0	W. VIN	V8	(C. 1)	7			MILLO.		
	76.9	7/2	7/3	2/4	7/25	76	V8 27	16	0	
	1	1	1	0	0	0	10	60		to recover and the
	,	2	0	-1	0	1	0	100		
	(2)	1	0	0	-1	0	1	110		F28(-1/2)
-77	-20	-30	0	0	0	0	0	0	33	
M	-3	-3	0		1	0	0	-210		E45(40) F
1	1			1 1	1	10	10	1-210		E53(3/2)
		roo agr				7	101	1	0.7	2 100 110
-	M = -					7/=	10,0	2,60	,0,0	0,100,110).
-		100		= -2	410					may you have a second of the s
	Y8		VB			VB			T2	
	7:	1/2	3(3	74.4	765	×6	7/7	6	Q	,
	0	(1/2)		0	1/2	0_	-1/2		10	/ E1(2)
-	0	3/2	0	-1	1/2	1	-1/2	45	30	E21(-3)
	4	1/2	0	0	-1/2	0_	1/2	55	110	Est(-t)
2	0	-20	0	0	-10	0_	10	1100		E41(40) .
11	0	-3/2	0	1	5/2	0	3/2	-45		Es((a)
		1								
(	7.2	2,73	, Yel ,	15,7	6,77	) = ( 5	55,0	1,5,1	0,0	45,0)
				- 45			18			

	18	VB			T	YB.	T	T3								
	7(1	1/2	7(3	2/4	76	76	7.7	b	- X	<u>. 13.</u>				-		-
	0_	1 .	2	0	<del>                                     </del>	0	-	10	4						-	
	0	0	-3	-1	-1		1	30								
	1	0	-1	0_	-1	0	-1	50				, i	-			
孟	0	0	40	0	10	0_	-10	3300	7		V.		. ,	-		1
M	()	0	3	. 1	4	0.	0	-30								100
n	M =	-30 3 L	-() -	-3(	0			50, T		Primi	-		114		ing Gr	1
more	jas.			-	-	V	1 -m			37		<u> </u>	(E)			
6	1 .			-	40			1 3					• \			*********
o m			ar:	11									-		-	-
/21	ujeit	8-a	: { :		+ 1/2											
						District Con-	)			-	-					
	,		+		+ 3762		)			-			-			7
			1	24,0	¥2.≥(	)						-	- 1 1			5
		0	+ 7 2		Čara			V 75								-
	1			15.4			- +	16			±70		* 4	· 1		
S :	21	C-AUCES	1 + 7(2	111111111111111111111111111111111111111	-7		enemonia de propieto de la composição de l	***************************************	<u> </u>		= 40					
	<u></u>	7(1	134	2		- 7	Xs.			768	- 90		W1		2.	
	, .	100	0.0				inii.		- ''	++-		. 1			- 3	-
Vari	777		4	fl			(5 %)					Exercisa			77.0711.895	
Vari	ewle	(A)	ufici	Kus	: 7/5	A 11 - 4 - 1				- 1	12-W	-: ::: 				-
					2. 14		-in-									
Fun	gad'	arti	Jua					X8 \$		-to-	- "		- 1.	7748 	1,1	
Ma	dim	izar	M	-	3,1.0	· )		1755		1 2		1			-	1. 1
min	uto	8 5	34					80		n ameni i muse						
													- 400	1111-	- 12 - 12	

Foroni

											( 1 1
		<del>,</del>	<del>,</del>	-T		YB	√B	VB.	Ţφ		
	1/1	7/2	73	74	Υs	76	77	No	Ь		
	2	1	-1	0	10	i	0.	0	70		t
an in this take	1		0	-1	0	0		0	40		
	1	3	0	0	-1	0	0	1	90		and a second of the second of
Z	-40	-60	0	To	10	10	0.	10	0		·
M	0	0	10	0	0	Ą	1	11	0	F	51 (-1) 4 E52(-1) + E53(-1)
				NTHE STATE OF THE						do martin	
111.700	170	7/2	7 B	ta 7	5 76	7/2	ne)	_ ( /	n n	0.0	),0,70,40,90)
hrm:765					= -2		ten 1	1 · ·	, ,	<u>V, V</u>	7,0,10,10)
	-		10.0		aje	And high					
-	I WY	)	6 11	0	- my				<u>.</u>		
		l		T.,	.,	VB	VB	V8	1	TI	T ···
	2	1/2	-1	0	χ <sub>5</sub>	76	7(7	χe	b	Q	
	-		1	-	10	0	0	0	70	70	E13(-1/3)
-		5	0	-1	0	0_	1	0	40	40	E23(-1/3)
	1	(3)	0	0	-1	0	0	1	90	30	F E3(V3)
-3c		-60	0	0	0	0	0	0	0	-	E43(20)
M	-4	-5			11	0	0	0	-200		E58 (5/3)
		/					r overhood de la co	,			
-	171	72,7	(3,71	1,75	, X6,	X7, X	3)=	(0,0	),0,	0,0	),70,40,90)
	M =	- 200	)								
	1	٧B			-	VB	VB	-	-	T2	- In the state of
	7,	7/2	73	74	75	76	727	78	Ь	Q	
	5/3	0	-1	0	1/3	1	0	-1/3	40	24	E 42 (-5/2)
	$\binom{2}{3}$	0	0	-1	1/3	0	4	-1/3	10	15	/ E2(3/2)
oceriii)	1/3	ı	0	0	-1/3	0	0	1/3	30	90	E 82 (-1/2)
乏	-,20	0	0	0	-20	0	0	20	1800		E42(40)
M	-7/3	0	ı	1	-2/3	0	0	5/2	-50		E52(7/2)
	1						-				1 1221 121
	(	7.	42 A	(A ~	1 -	N = 3	a) -	(n	30 C	) ()	,0,40,10)
	4.0				<u>s, x6,</u> 5(		B/=	1U	JU, (	,0	, 0, 70, 107
	115	V-	10-	10 3		J					

	VB	V8				,	AS			T3	والمستوالية والمعارض والمستعدد والمستوال المستوال المستوال والمستوال والمستوال والمستوال والمستوال والمستوال
	7(1	1/2	χa	74	765	X6	7(7	Xe	b	Q	
	0	0	-1	(5/2)	-1/2	1	-5/2	1/2	15	6	£1(2/5)
	1	0	.0	3/2	1/2	0	3/2	-1/2.	15	20	E21 (3/5)
	0	1	0	1/2	-1/2	0	-1/2	1/2	25	50	E31 (-1/5)
Z	0	0	0	-30	-10	0	30	10	2100		E4+(82)
4	0	0	# E	-5/2	1/2	Q	7/2	1/2.	-15		Esi(i)
				1							
	(21	7/2	7(8.5	¥4. 1	Č5.7	(6. %.	7.76	) = (	15,2	5.0	);0,0,15;0;0)
			-0-0				7				1
	VB.	VВ	PM-2-1-1-1	٧B	år i Bernyrine	1		!	1 1	T4	
	7.1	×2	73	14	Źs	76	76.7	26	Ь	Q	
	0	0	-2/5	1	-1/5	Section 2011	-1	1/5	6		E13(1)
	Ĭ	0	-3/5	0	(1/5)	3/5	0	-1/5	24	120	
	0	1	1/5	0	-2/5	-1/5	0	2/5	22	1/2	E3(2)
7	0	0	-12	0	-16	12	φ.	16	2.280		E48 (80)
1	0	0	0	0.	10	1		ļ	0	- "	-
											Y
	(71,	×2.	73,76	4,719	76.	77.7	8) =	(24	, 22	0.	6,0,0,0,0)
	M = 1										
					-10-10-0						,
	(x	, 1/2	, 73	74,7	(5) =	(24	,22	, 0, (	0)		
			24					(80	77		
	0	VB		٧s	VΒ		T5				
	71	7/2	γ3	7/4	725	Ь.	Q				
	1	0	-1	1	0	30	111				
	5	0	-3	0		120	1				
	0	1	-1	0.	0	70	12	1			
Z	80	0	-60	0	0	4200				W.58-4	
100	1		,	1	-		A	1			The second secon

FOROM

entad, que z não é limitada superiormente.

## **PLA Método Simplex**

**7** Maximizar: 
$$z = 15x_1 + 25x_2 + 10x_3$$

Sujeito a S: 
$$\begin{cases} -6x_2 + 3x_3 \ge 12 \\ 3x_1 + 12x_2 + 6x_3 = 30 \\ x_1 \ge 0; x_2 \ge 0; x_3 \ge 0 \end{cases}$$

## Solução:

$$S \rightarrow S_1: \begin{cases} -6x_2 + 3x_3 - x_4 + x_5 = 12 \\ 3x_1 + 12x_2 + 6x_3 + x_6 = 30 \\ x_1 \ge 0; x_2 \ge 0; x_3 \ge 0 \end{cases}$$

Variável de Folga: x4

Variáveis Artificiais: x<sub>5</sub> e x<sub>6</sub>

Função Artificial :  $M = -x_5 - x_6$ 

Ajuste:  $(-1)L_1 + (-1)L_2 + L_4$ 

T <sub>0</sub>	<b>X</b> 1	<b>X</b> 2	<b>X</b> 3	<b>X</b> 4	<b>X</b> 5	<b>X</b> 6	b	Q	
	0	-6	3	-1	1	0	12	4	$E_1(1/3)$
	3	12	6	0	0	1	30	5	$E_{21}(-2)$
z	-15	-25	-10	0	0	0	0		$E_{31}(10/3)$
М	0	0	0	0	1	1	0		
М	-3	<b>–</b> 6	<b>–</b> 9	1	0	0	-42		$E_{41}(3)$

$$(x_1, x_2, x_3, x_4, x_5, x_6) =$$
 $(0, 0, 0, 0, 0, 12, 30)$ 
 $M = -x_5 - x_6 \quad M = -42$ 

T <sub>1</sub>	<b>X</b> 1	<b>X</b> 2	<b>X</b> 3	<b>X</b> 4	<b>X</b> 5	<b>X</b> 6	b	Q	
	0	-2	1	-1/3	1/3	0	4		$E_{12}(2/24)$
	3	24	0	2	-2	1	6	1/4	$E_2(1/24)$
Z	<b>–15</b>	<b>–4</b> 5	0	-10/3	10/3	0	40		$E_{32}(45/24)$
М	<b>–</b> 3	-24	0	-2	3	0	-6		

$$(x_1, x_2, x_3, x_4, x_5, x_6) = (0, 0, 4, 0, 0, 6)$$

T <sub>2</sub>	<b>X</b> 1	<b>X</b> 2	<b>X</b> 3	<b>X</b> 4	<b>X</b> 5	<b>X</b> 6	b	Q	
	1/4	0	1	-1/6	1/6	1/12	9/2	18	$E_{12}(-2)$
	1/8	1	0	1/12	-1/12	1/24	1/4	2	$E_2(8)$
z	<b>-75/8</b>	0	0	5/12	<b>-</b> 5/12	45/24	205/4		$E_{32}(75)$
М	0	0	0	0	1	1	0		

$$(x_1, x_2, x_3, x_4, x_5, x_6) =$$

$$(0, \frac{1}{4}, \frac{9}{2}, 0, 0, 0)$$

$$M = -x_5 - x_6 \quad \mathbf{M} = \mathbf{0}$$

$$z = 15x_1 + 25x_2 + 10x_3$$

$$z = 15 \cdot 0 + 25 \cdot \frac{1}{4} + 10 \cdot \frac{9}{2}$$

$$z=\frac{205}{5}$$

$$(x_1, x_2, x_3, x_4, x_5, x_6) = (2, 0, 4, 0, 0, 0)$$
  
 $z = 15 \cdot 2 + 25 \cdot 0 + 10 \cdot 4$   
 $z = 70$ 

**Resposta:**  $z_{Max}(2, 0, 4) = 70$ 

	Mene sujii		/ C					
	Jugo	w in		474	+2	X2 &	10	Control of the second second second
	The state of the s			760	X2-7	0	- 6	a estado proceso en actual en actual de la composição de la composição de la composição de la composição de la
				minuna		- Sharanna		
s-	- S.	37	(1+4	×2+7	K.å	Ħ	12	
		\				24 =		
	111111111111111111111111111111111111111	-					a to the same	
Va	riáve	is d	ولا يا	laa.	: 76	243	0	**** X - * 1
Va	riáve	is d	s fo	lga.	: 76,	<u> </u>	0	<u> </u>
Va	riáve	is d	-1	-0	: 76, b		0	15
Va	T		VB	-0 Y.8		тф	0	
Va	74	7/2	VB	7.4 7.4	b 12	тø	0	E12(-3/4)
Va Z	3	72 4	78 73	7.4 7.4	Ь	тф   Q   4	0	E12(-3/4) - E2(1/4) - E2(1
	3 4	4 2	78 73	7.4 7.4	b 12	тф   Q   4	0	E12(-3/4)

$\overline{CI}$	/	$\supset$				
1	VB"		УВ	Γ	T1	
	0	5/2	Xa	-3/4	b	F1/95
	V	instrument.	1	1/4		
	1_	1/2	0	-		E21(-1/s)
<b>Z</b>	0		0	1/2	5	
**********	1			. 1	5/n /	0,9/2,0)
record de la constantina	0	2.(	12)	† U		
	VS	VB			T2	
	7.4	7/2	7.3	21	b	
	0	1		-3/10		
	1			2/5.		
E	0	0	0	1/2	5	
Je to znáx	yab + m	: So oble	des	82 1	s) =	es de votrumos (8/5;9/5) e (5/2,0), zmáx=5 voluções inteiras, teremos (x1,x2) = (2,1) e
U						
9 m	anci	mizce	~ ·	34 ±	12n +	X2+X3
m	jute	- a:		1.0	2 43	
	3		×	3 5 3	30	
			1	1,7(2	X37	> O
S -> .	Sil	761 +	· 7/2	in in the second	+34	_ 30
				+ 7K3		+76 = 30
Vari	ávli	s di	- fel	ga:	74,°	z=>0
Foros	iş.	frie Tillians			431111111111111111111111111111111111111	

				VB	VB	-	TØ	Approximation of the control of the
	10	X2.	7/ 8	KA"	χs	Ь	Q	
	(1)		0	1	0	30	30	/
	0	0	1	0	1	30		
Z	-1	-1	-1	0	0	0		Es1(s).
	1							
	(x1	, X 2. ,	<b>λ</b> ε, χ	.4. Xs	) = (	0,0,		0,30)
1000	3=						3.000 PR-18-06	
	0 V3				V8	:	TI	
	2(1	7/2	7.3	7(4)	7.5	Ь	Q	
	4	A	0	1	0	30		
	0	0	(1)	0	1	30	100	/
Z	0	0	-1	1	0	30.		Esp(s) '
September 1	- Control of the last of the l		3	drawenius	A		,	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
								[42] SEC (14:10) (14:15) [14:15] [14:15] (14:15) [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15] [14:15]
	(761.	7(2,7	73.76	4.7K5	) =	(30	0.0	0.30)
			7.5°	4,7K5	) =	(30	0,0	0,0,30)
	(711,			4,76	) =		,0,0	(,0,30)
	<del>= 3 = 3</del>	30	ΥB			T2.	0,0	(0,30)
	- <del>7</del> = :			4 , 7K 5	7.5	T2.		
	3 = : Y8	30	YB 75	<b>X4</b>		T2. b		(0,30)
Z	78 X1	30 12	YB Y3		765	т2. Ь 30		
Z	3 = 1 YB	30 12 1	YB \(\chi_5\)	x4   0	7.5 0	T2. b		
7.	78   Z1   1   O   O	χ <sub>2</sub> 1 0	νβ ν <sub>3</sub> Ο Ι	74 1 0	75 0 1	72 b 30 30		
Z	78 78 71 1 0	30 1 0 0 72,7	νβ	24 1 0 1	725 0 1 0	72 b 30 30		
Z	78 78 71 1 0	30 1 0 0 72,7 30 +	YB V3 Q 1 O V3, X-	24 1 0 1	725 0 1 0	72 b 30 30 60	2, 30	,0,0)
Z	75 YB   Z1   1   0   0   (x1,	7(2 1 0 0 7(2,7 30 +	YB Q 1 0 13, X-	24 1 0 1,75	25 0 1 0 )=(	72 b 30 30 60	), 30	,0,0)
2	78 78 71 1 0	30 1 0 0 72,7 30 +	YB V3 Q 1 O V3, X-	24 1 0 1	75 0 1 0 0 25	72 b 30 60 30,0	2, 30	,0,0)
2	75 YB   Z1   1   0   0   (x1,	7(2 1 0 0 7(2,7 30 +	YB V3 Q 1 O V3 V3 V4 V5 V5 V5 V5 V5 V5 V5 V5 V5 V5	24 1 0 1 1, 25 0 = 6 24	25 0 1 0 )=(	72. b 30 60 30,0	), 30	,0,0)
Z	75 YB   Z1   1   0   0   (x1,	7(2 1 0 0 7(2,7 30 +	YB V3 Q 1 O V3 V3 V4 V5 V5 V5 V5 V5 V5 V5 V5 V5 V5	24 1 0 1,75	75 0 1 0 0 25	72 b 30 60 30,0	), 30	,0,0)

	/	_)	1941										***	900					
Soli 3ms	цав x = 61	) : L	rdos	<i>6</i> >	pont	tos o	طب	,et	rim	55	(30	0,0	,3	<u>o</u> )	= (	0,	30	,30	)) <u>,</u>
2-6									pharmacher.					1					
10	Wlin	tonus	yar (	- 1	: 10-					der and			r sharing	a de la compania del compania del compania de la compania del compania de la compania del compania de la compania de la compania de la compania de la compania del compania			-		
	sur	U8-0	2:4		Z-1. 1	1.4							of aircord	ir-man	-	***********			
	- 1000 - 1111-1111	-			41+						******						st.	-	
				30	X1 +	30 x	2 > 2	210	)										-
				24	x2 }	0				1 40								-	
			NAME OF SOM							nanan-								(97)	
J.P.	was	) _			The reservation	. The residence of the	5.00												
	0									1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 45	,				3		56	Stellines
Me	nim To	igar	<u> </u>	<u> </u>	00 %	4 + 1	50 4	12.	+ 21	0 u	ā								
mij	ito	<u>a:</u>	20	41	50 y	12.15	30 W	8' S	10	U								-	
<i>U</i>			50	Uu -	100	12 + 1	30 y	3 5	5		-								
***************************************	ito	4	Lyn	() - 珠王	, 43	20	0										5		
		-	0	Q	G												0	15.0	
S-	Sil	20	cs a t	50 u	2 + 3	30 u 3	+ 4	4		- 10	)						1,+		
<u>S</u> -		50	0	100	z + 3	OUA	0	÷	· ia.s	= 5		47	97						
			0	0	Therefore Ga	0			0				rotante al		in crodman	n material year			
1500	iávii	~ di	Rol	000	11.4	11=7	0			poetro acid									+:
2.Ac.	North Calenda	adirio del Sel	1	VS	0 78	453	TÓ	-	*****				- Vilato			-	-		
1000-00-00-00-00-00-00-00-00-00-00-00-00						T .	N	T."			( <del>************************************</del>	ts. promise	<del>uren</del> u	es 50015.01		-	-	-	*******
	700	1/2	- U =	<u>U.4</u>	1/5	b_	1/3	-					-	-	-	-		-	
	20	50	30		0	10	f .	1	E.13			hittory of etc.	a transport		1				,
	50	10	(30)	0	1 1	5	1/6	-	£2,	(490)	L	Andrew State			h "+	-	cione iute.	anginetri propin	-
	-200	-150	-210	0	0	0		1	E <sub>37</sub>	17)	and the street			<u>.</u>		2		*	-
Germaniya -											1,7-	a constru		+			-		
-	(45	<u>142,1</u>	J2. 13.4	., y. E)	= (0	,0,0	,10,5	5)			4.5				-			-	

. . . . . . .

Foroni

52015400	0024970 F00039		VS	VB			71		$\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$
	W.	l u2.	U.s.	ца	lue.	Ъ	Q		
	-30	40	18	10	- J	5	1/8	E+ (1/40)	
ni res	5/3	1/3	Ī	0	1/30	1/6	1/2	Eat (+1/120)	
w	150	-80	0	0	7	35	, Alan	E34(e)	
		1		**********	A		,	1 L34(2)	
	( 14.	W2.U	S 18.	11.5	) = ( r	0	1/6 1	5 A)	
	W =	200	0+	150 (	7+2	10 7	1/0)	5,0) = 35	
		√8	٧B			T2	.797		
	tile	1,2	цз	4).4	Us	Ь		tandalar engales and a second a	
	-3/2	9	0	1/40	71.	1/8	*******		
	23/12	0	1	-1/100	1/24	1/8			President Control
W	90	0	0	2	5	45			1000
					-		*		
Joli	ups:	(%)	,7(2	) = ( ;	2,5)	43	mín =	45	
1	Mini	migo -	vi.	w =	41.1	42	************		
	nijut	oa	: {	2y1-	1 4 2 2	22			
			1	4++	242	<u>}2</u>			
				6y1-					
******			- 1	41.4	75	arm.		T T T T T T T T T T T T T T T T T T T	
		-							
Ma	dimi	zar	7	22	112	7/2 +	32	3	- 20
nix	its a		22	+ 2	2+6	273	<u> </u>	Taller Same and the Control of the C	
		-	7(.1	+2	(2+	25	\$1		
			7(1,	22,7	3 ≥ C	)			
-									
<u>S</u>	SI			2 4 6				The state of the s	
	(	74	+ 27	(24	76.3	+	7.5 =		FOROM

Action		-	THE
	1	1	- 8
The same	- 1	1	_

_						-		
Ta	ricio	is a	di J		L: 76	4,25	<i>&gt;</i> 0	
		Ī	T	Vg	YB		TØ	
	721	×2.	Х3	74	7.5	b	Q	1,
	2	1	(6)		0	1	1/6	F1(1/6)
	1	2	4	0	1	1	1	E 21 (-1/6)
Z.	-2	-2	-3	0	0	0		E31 (1/2)
			1		m interiores i			
	( 76	72,	13,7	1,76	) = ((	0.0	0,1,	1)
	3 = 1							
CHICAGO	0		VΒ		VB		Т1	
	7(1	7/2	7(3	14	74.5	Ь	Q	
	1/3	1/6	1	1/6	0	1/6	-	E12(-1/n)
		(1/6)	0	-1/6	1	5/6		
Z		-3/2	0	1/2	0	1/2		Eas (9/H)
		1						The Table of the Control of the Cont
	(7.	20 2	19.76	1 7/5	) = (	0.0.	1/6	0,5/6)
- Company	Z -	2.0	+ 2	0 + 3	3(1/6	5) =	1/2	
	0	٧s	V.B	No. Bit and a superior	- Constitution	-	т2	
	761	7/2	73	24	765	Ь	Q	. 15 - 15 - 15 - 15 - 15 - 15 - 15
	(3/1)		1	1	-1/11	4	- 4	/ E1(1/8)
WAY:	4/11	1	0	-1/11	6/11	1		E24(-4/a)
Z	51	0	0	4/11	9/11	13/11		Esi(5/5)
-	1		1.0		1 1,1	1	1	Acres con the San
	(~.	of a	7. 1	4A -1	.) .	( 0 5	Shi 1	/11,0,0)
-					) + 3			
-	0		72.	1.71	1 7 2		1/	711
	48	48				73	l	
	7(1	7(2	11/2	2/2	7.5	b		
	1	0	11/3	Section in contract to the last	-1/3	1/3		
	0	1	-4/3		2/3	1/3		
Z	0	0	5/3	2/3	2/3	4/3	ļ	

FORON

(71, X2, X3, X4, X5)= (1/3, 1/3, 0, 0 0)	
$\frac{(\chi_1, \chi_2, \chi_3, \chi_4, \chi_5) = (1/3, 1/3, 0, 0, 0)}{3 = 2 \cdot (1/3) + 2 \cdot (1/3) + 3 \cdot 0 = 4/3}$	de annual de la constante de l
U	
Johnsan: (y, y2) = (2/3, 2/3), 1 WMin =	4/3
V U	
2 Minimizar: 3 = 4x1 + 5x2 + x3  sujuto a: \ x1 + 2x2 34	
sujuto a: \ x1+2x224	1.7)
21+x2+x5≥3	
-2x1-2x2+x3 \leq-2 x(-1)	1) - 221+222-23>2
(x1, x2, x3≥0	4
Maximuzar: w= 4yo+3y2+2y3	
sujuto a: { y + y + 2 y 5 € 4	-
2y+ 42+2y = <5	
y2- y8 < 1	and the second s
0 0 0	
Jun + 42 + 243 + 44 = -14	
S-51 2y1+ y2+2y3+44 = 24	
y2-y3 +y6=1	
0 0	and the state of t
Tariáviis de folga: ys, y =, y 6 30	
1 0 0 0 TD	1 13 1 - N = 4 1 .
1 0 1 0 1 0 1 0 1 0 1 0 1 1 1 1 1	E121-1/2) (1
1 92 43 44 45 46 b Q = 4 4 4	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
2 1 2 0 1 0 5 5/2 /	
	E2(1/2)
2 1 2 0 1 0 5 1/2 /	Ea(1/2)
0 1 -1 0 0 1 1	E2(1/2)
0 1 -1 0 0 1 1	Ea(1/2)

	√8		)	VS		V8		71	
	L <sub>M</sub> a	142	l ya	14.4	U.5	11.5	Ь	Q	The second section of the second section of the second section of the second section s
	18	1/2	11	9	-9/2	18	3/2	3	E13 (-1/2)
	1	1/2.	1	0	1/2	0	5/2	5	E23(-1/2)
	0	(1)	- 1	0	0	1	1		/
W	0	-1	2	0	2	0	10	,	E45(1)
		1	Transist, Value or a			-		- Sut	A ROY Parishing Color Col.
	(41	<u>, 42,</u>	43,4	4.4	5,46	) = ( !	5/2,1	0,0	.3/2.0.1) -
-	W	= 4.	65/2	) + =	3. B 4	2.0	= 1(	)	
	VB.	V8	<del>, ,</del>	VB	-		T2	- V	- 7 - y 1
	U.	42	V 5	V <sub>d</sub>	y <sub>5</sub>	166	Ь		e e e
	0	0	1/2	4	-1/2	-9/2	à		
	1	0	3/2	0	1/2	-1/2	2		
	0	4	- 1	0	0	1	1		
W	0	0		0	2	4	11		
	u and	= 4.				anti-live same	,1)	, 0, 4 3'	1,0,0) 2/N = 11
3	Nini	mig	are!	3, =.	7C1 -	2 <sub>72</sub>	-763		
	ujit	e a		0	2×2			- Arume	The state of the s
***********	0		- 1			73 S	2		
			- 3			223			
			1			a			
	· ·								
Man	umi To	aar as	· 3·=	- 70	1.1.2	X2+7	<u> </u>		
			Pris 18 10 10 10 10 10 10 10 10 10 10 10 10 10						

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				2010-0010							
Tanianic de folga : $x_4, x_5, x_6 \geqslant 0$ ys ys ys $y$ $x_1, x_2, x_3, x_4, x_5, x_6 \geqslant 0$ $x_2, x_3, x_4, x_5, x_6 \geqslant 0$ $x_3, x_4, x_5, x_6 \geqslant 0$ $x_4, x_4, x_5, x_6 \geqslant 0$ $x_5, x_6, x_6, x_6, x_6, x_6, x_6 \geqslant 0$ $x_5, x_6, x_6, x_6, x_6, x_6, x_6, x_6, x_6$	N.		70	+ 2-	K.Z.		× ×4		resembly Laboration	=	
Fariabric de folga: $x_4, x_5, x_6 > 0$ y8 y8 y8 $y$ $x_1$ $x_1$ $x_2$ $x_3$ $x_4$ $x_5$ $x_6$ $x$	<u>S-</u>	-SI	127	44	X2 +	7/3		+ 25		- 2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			73	(14	×24	2×3		29-1	÷ χ <sub>6</sub>	<u>- 3</u>	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				T		me al acc					1.000
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Va	riávi	isa	le fo	lga	: 124	, 75 j	1637	0		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		,	,	1	0.7			1			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		X	1/2	1/3	764	7.5	76	b,	Q		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			(2)	0	1	0	0	1	1/2	/ E1(1/2)	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2	1	11	0	ļ	0	2	2	E21 (-1/2)	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1	1	2	0	0	1	3	3	E31 (-16)	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Zı	1	-2	-1	0	0	10	0		E41(1)	1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			1			18					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(70,	72,7	13,70	1,25,	x6)	= (0,	0,0	1,2	3)	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				-		Winds have		***			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				,	,	VB	√B	,	Τŧ		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		7(1	7/2	763	7(4)	7,5	7.6	Ь	Q		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1/2	1				0	1/2			
$z_1$ $z_2$ $z_3$ $z_4$ $z_5$ $z_6$		3/2	0	1	-1/2	l	0	3/2	3/2	E23(-1/2)	
		1/2		(2)	-1/2	0	1	5/2	5/4	E3(1/2)	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Z1	2	0	-1	1	0	0	1		E43(1/2)	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		J. Carlo		1							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(21,	72,7	13,74	L. Zs.	76).	. (0,	1/2,1	0,0,	3/2 5/2)	
X1   X2   X3   X4   X5   X6   b											447577
1/2   1   0   1/2   0   0   1/2     5/4   0   0   -1/4   1   -1/2   1/4     1/4   0   1   -1/4   0   1/2   5/4		U	√8	V8	W-11-11-11-11-2	YB		T2		-218/125/10-4000	100 (e
5/4 0 0 -1/4 1 -1/2 1/4 1/4 0 1 -1/4 0 1/2 5/4		7(1	χ2	γ3	7/4	25	76	ь			¥
[1/4 0   1   -1/4 0   1/2   5/4		1/2	1	0	1/2	0		1/2			
[1/4 0   1   -1/4 0   1/2   5/4		5/4	0	0	-1/4	ı	-1/2				
21 9/4 0 0 8/4 0 1/2 9/4			0	1	-1/4	0	1/2				
The second secon	.Z1	9/4	0	0	8/4	0	1/2	9/4			

