NI: 
$$min \times 1 - 2 \times 2$$

$$\begin{cases}
-411 + 612 \leq 9 \\
11 + 112 \leq 4 \\
21, 112 \geq 0
\end{cases}$$

$$2x^* = -3,5 \times 1 = 1,5 \\
\times 2 = 2,5$$

 $3^{*}=-3,8$   $\times 1=1,5$   $\times 2=2,5$   $\times 2=2,5$   $\times 2=2,5$   $\times 2=2,5$   $\times 2=2$ 

N2:  $num \times 1-2\times 2$   $-4\times 1+6\times 2 \leq 9$   $\times 1+\times 2 \leq 4$   $\times 2 \leq 2$   $\times 1/\times 27,0$   $2^{*}=-3,25$   $\times 1=0,75$  $\times 2=2$ 

N3: min X1-2X2

[-1x1+6x2 < 9

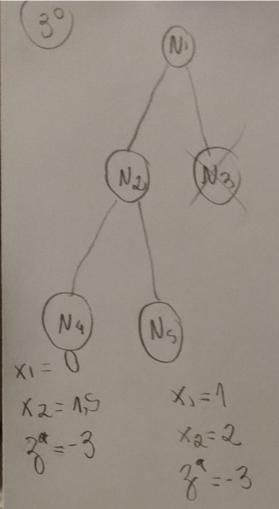
X1+X2 < 4

X23,3

X1,X27,0

invacional

invacio



N4: min 
$$x_1-2x_2$$
 $-4x_1+6x_2 \le 9$ 
 $x_1+x_2 \le 4$ 
 $x_2 \le 2$ 
 $x_1 \le 0$ 
 $x_1 x_2 > 0$ 
 $x_1 = 0$ 
 $x_2 = 1/5$ 
 $x_1 = -3$ 

Ns: min  $x_1 - 2x_2$ 

X=1 X2=2 2 =-3

Obegamos na solução interia ólima 2 = -3 X1=1 e X2=2