

0 1 2 3 4 5 6  
 1) Cada porta:  $\begin{bmatrix} x \\ \uparrow \\ \text{linha} \end{bmatrix}$

$x \in \{\text{vazio}, \text{pos}, \text{neg}, \text{alvo}\}$

2) Comparar portas (em pares)

- começando das + próximas: (1,2), (2,3), (3,4)..  
 (1,5), (2,4), ..

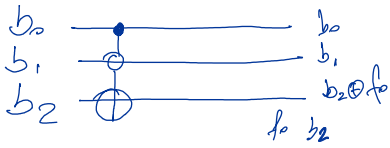
3) Montar matriz

- com valores no mór 3. (dist.)

4) A partir da maior janelha

mantém o sub-circuito

- eliminando em cada porta os "elementos" comuns a todas (exceto alvo)

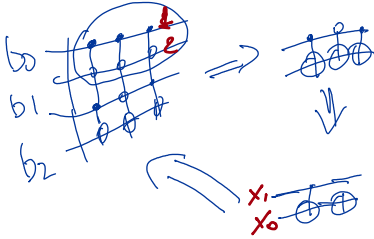


↓

$b_0$	$b_1$	$f_0 = b_0 \oplus b_1$
0	0	0
0	1	1
1	0	1
1	1	0

⇒

$b_2$	$f_0$	$\oplus$
0	0	0
0	1	1
1	0	1
1	1	0



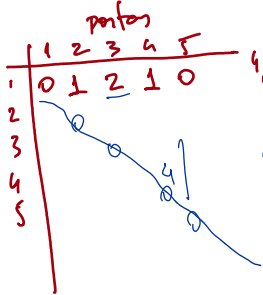
$b_1 \rightarrow x_1$

$b_2 \rightarrow x_0$

$T(b_0, b_1, b_2)$

0 = 00 - vazio  
 1 = 01 - controle pos.  
 2 = 10 - controle neg.  
 3 = 11 - alvo

0 1 2 3  
 $\begin{bmatrix} 2 & 1 & 3 & 0 \end{bmatrix}$   
 $\begin{bmatrix} 2 & 0 & 3 & 1 \end{bmatrix}$



$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$

$\begin{bmatrix} 1 & 4 \end{bmatrix} \begin{bmatrix} 5 & \dots & 10 \end{bmatrix}$