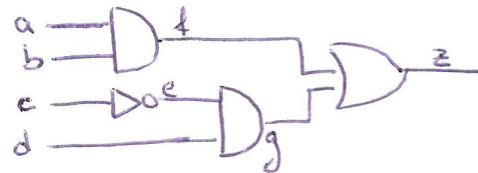
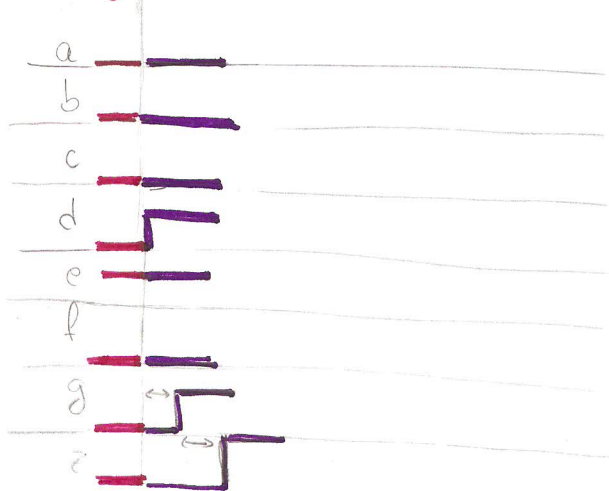


SL

23-09-2011

Diagrama Temporal



Como encontrar problemas q envolvam o tempo?

→

Não se interligam saídas entre si.

29-09-2011

Código 2 em 5

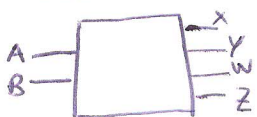
	P	'7'	'4'	'2'	'1'
1	1	0	0	0	1
2	1	0	0	1	0
3	0	0	0	1	1
4	1	0	1	0	0
5	0	0	1	0	1
6	0	0	1	1	0
7	1	1	0	0	0
8	0	1	0	0	1
9	0	1	0	1	0
0	0	1	1	0	0



BCD 8421



DESCODIFICADOR



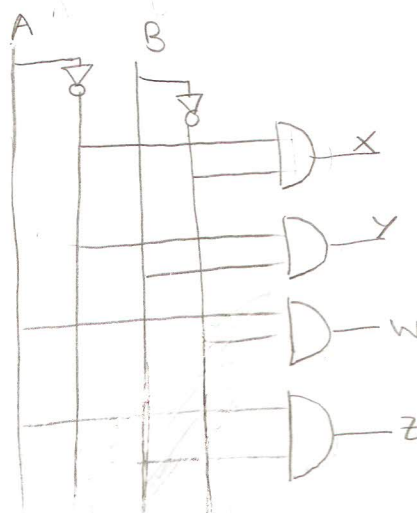
A	B	X	Y	W	Z
0	0	1	0	0	0
0	1	0	1	0	0
1	0	0	0	1	0
1	1	0	0	0	1

$$X = \bar{A} \cdot \bar{B}$$

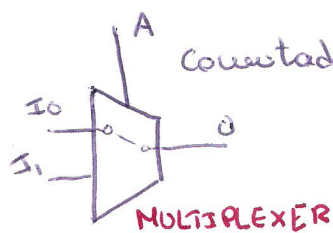
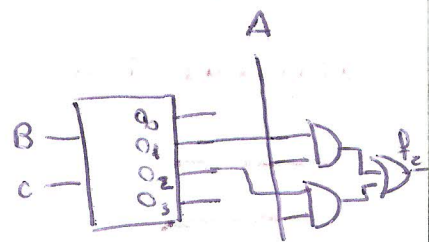
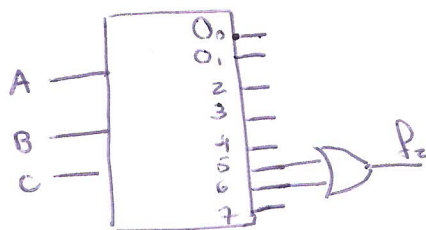
$$Y = \bar{A} \cdot B$$

$$W = A \cdot \bar{B}$$

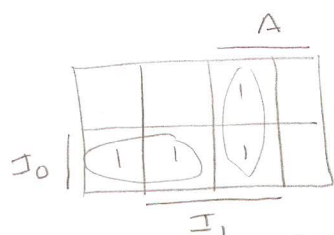
$$Z = A \cdot B$$



A	B	C	P_2
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	0



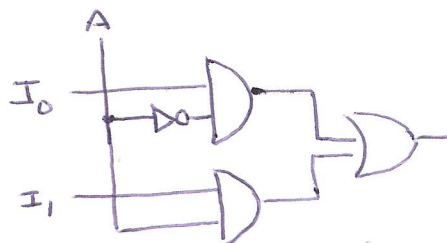
Comutador: que permite seleccionar uma entrada e colocá-la na saída.



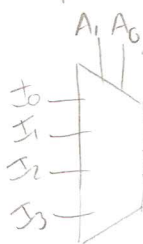
$$O = AI_1 + \bar{A}I_0$$

A	I_1	I_0	O
0	0	0	0
0	0	1	1
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	0
1	1	0	1
1	1	1	1

A	O
0	I_0
1	I_1



A_1	A_0	O
0	0	I_0
0	1	I_1
1	0	I_2
1	1	I_3



implementar as funções