

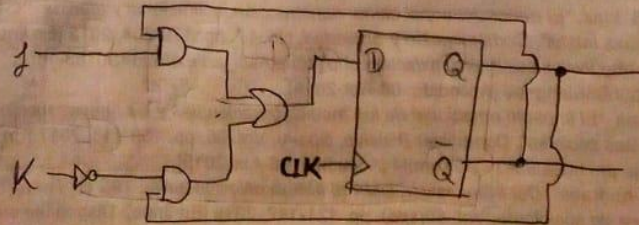
DSD

- Tabla de estados del que quiero
- Completamos con la de excitación que tengo

J	K	Q	Q+	D	D CLK Q	J K CLK Q
0	0	0	0	0	0 ↑ 0	0 0 ↑ Q
0	0	1	1	1	1 ↑ 1	0 1 ↑ 0
0	1	0	0	0	0 0 0	1 0 ↑ 1
0	1	1	0	0	0 1 0	1 1 ↑ Q
1	0	0	1	1	1 0 1	
1	0	1	1	1	1 1 1	
1	1	0	1	1	Q Q+ D	
1	1	1	0	0	0 0 0	
					0 1 1	
					1 0 0	
					1 1 1	

J K Q	00	01	11	10
0		1		
1	1	1		1

$$D = \bar{K}Q + J\bar{Q}$$



Flip-flop
D → JK

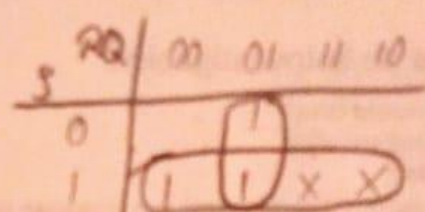
DSD

D → SR

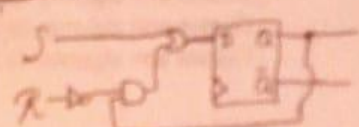
S	R	Q	\bar{Q}	D
0	0	0	0	0
0	0	1	1	1
0	1	0	0	0
0	1	1	0	0
1	0	0	1	1
1	0	1	1	1
1	1	0	NV	X
1	1	1	NV	X

SR	Q	Q ⁺
00	0	0
00	1	1
01	0	0
01	1	0
10	0	1
10	1	1
11	0	NV
11	1	NV

SR	CLK	Q
00	↑	Q
01	↑	0
10	↑	1
11	↑	NV

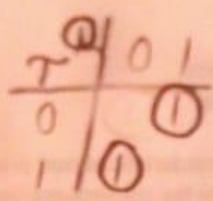


$$D = S + RQ$$



D → T

T	Q	Q ⁺	D
0	0	0	0
0	1	1	1
1	0	1	1
1	1	0	0



$$D = \bar{T}Q + T\bar{Q} = T \oplus Q$$

T	Q	Q ⁺
00	0	0
01	1	1
10	1	0
11	0	0

T	CLK	Q
0	↑	Q
1	↑	\bar{Q}

