

5

JK INPUTS		OUTPUTS		T INPUT
J	K	q_{prev}	$q_{current}$	t
0	0	0	0	0
0	0	1	1	0
0	1	0	0	0
0	1	1	0	1
1	0	0	1	1
1	0	1	1	0
1	1	0	1	1
1	1	1	0	1

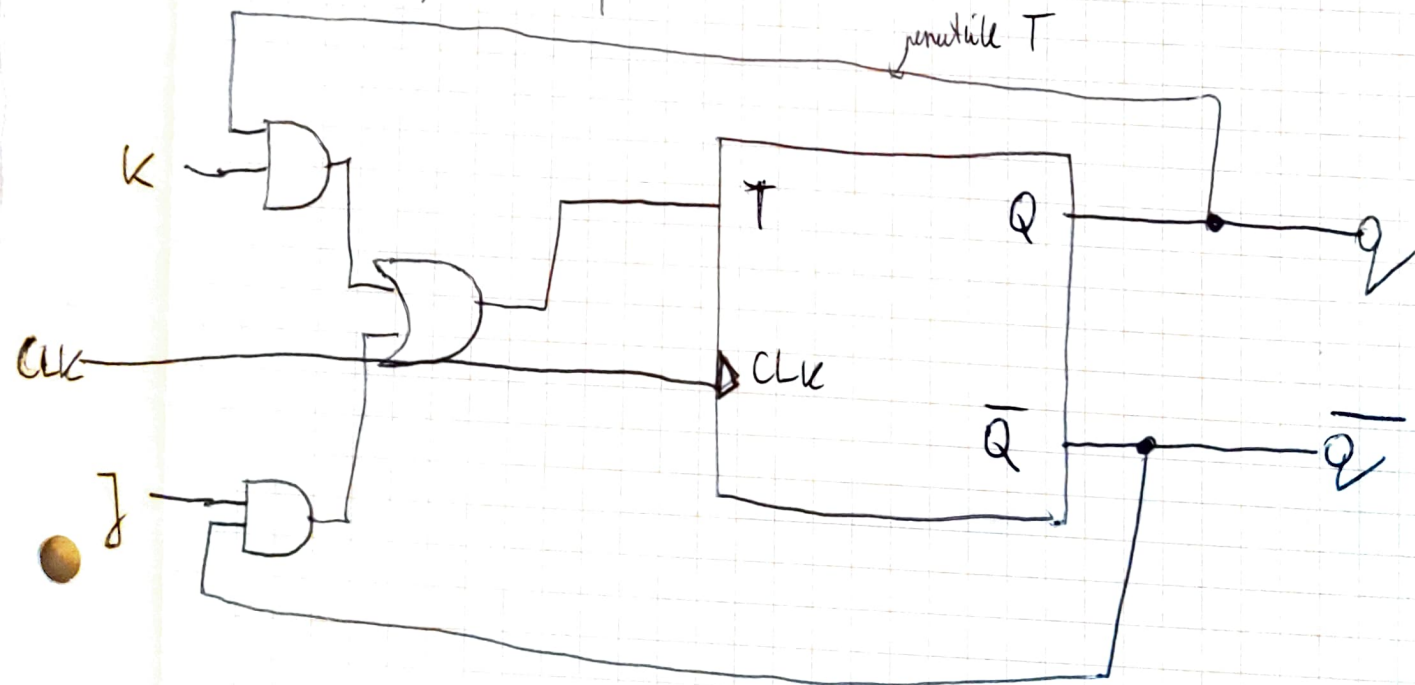
Prentill $T \rightarrow$

Map Karnaugh:

q_{prev}	q_{curr}	t
0	0	0
0	1	1
1	0	1
1	1	0

J \ K q_{prev}	00	01	11	10
0	0	0	1	0
1	1	0	1	1

$$t = J\bar{q}_{prev} + Kq_{prev}$$



Prentill $JK = T$.