

Laborator Proiectare Logică 9

Sîrghe Matei

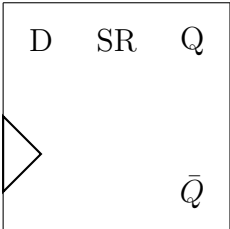
December 4, 2024

$D : Q = D \nearrow$ \nearrow - frontul ascendent

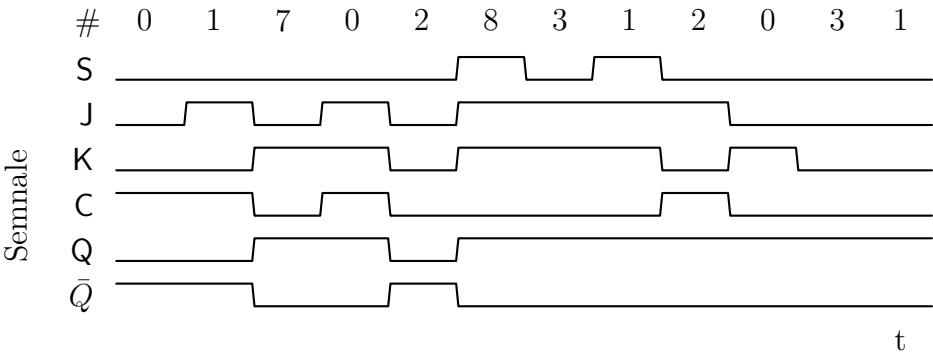
$JK :$ $\begin{cases} J \oplus K = 1; & Q = J \nearrow \\ J = K = 0; & Q = Q \nearrow \\ J = K = 1; & Q = \bar{Q} \nearrow \end{cases}$

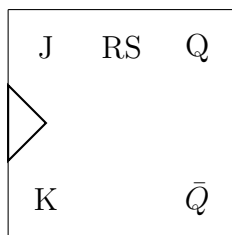
$T :$ $\begin{cases} T = 1; & Q = \bar{Q} \nearrow \\ T = 0; & Q = Q \nearrow \end{cases}$

Exerciții : $\begin{cases} D, +, Q_i = 1 & \text{SJDC} = 017028312031 \\ \text{BB - JR}, -, Q_i = 0 & \text{SJKC} = 15270E6E5201 \end{cases}$

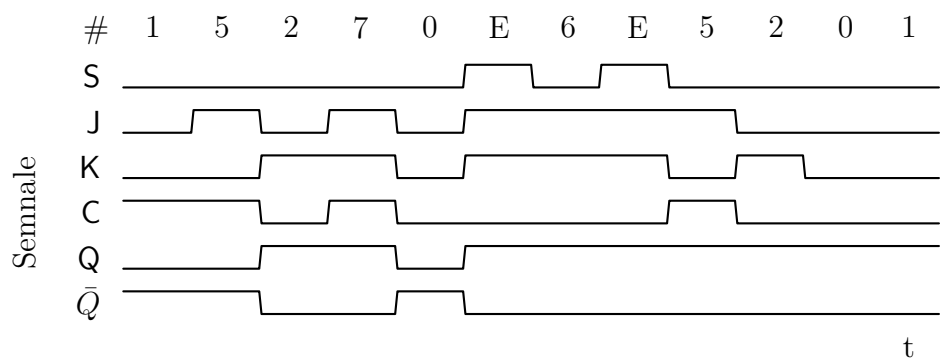


#	S	R	D	C	Q	\bar{Q}
0	0	0	0	0	1	0
1	0	0	0	1	0	1
7	0	1	1	1	0	1
0	0	0	0	0	0	1
2	0	0	1	0	0	1
8	1	0	0	0	1	0
3	0	0	1	1	0	1
1	0	0	0	1	0	1
2	0	0	1	0	0	1
0	0	0	0	0	0	1
3	0	0	1	1	0	1
1	0	0	0	1	0	1





#	S	J	K	C	Q	\bar{Q}
1	0	0	0	1	0	1
5	0	1	0	1	0	1
2	0	0	1	0	1	0
7	0	1	1	1	1	0
0	0	0	0	0	0	1
E	1	0	1	0	1	0
6	0	1	1	0	1	0
E	1	1	1	0	1	0
5	0	1	0	1	1	0
2	0	0	1	0	1	0
0	0	0	0	0	1	0
1	0	0	0	1	1	0



#	S	R	T	C	Q	\bar{Q}
1	0	0	0	1	0	1
2	0	0	1	0	0	1
6	0	1	1	0	0	1
9	1	0	0	1	1	0
1	0	0	0	1	1	0
2	0	0	1	0	0	0
3	0	0	1	1	1	0
0	0	0	0	0	0	1
2	0	0	1	0	0	1
0	0	0	0	0	0	1
3	0	0	1	1	1	1
0	0	0	0	0	0	0

Exercițiul 3:
 $BBT; -; Q_o = 0, SRTC =$
 126912302030

