Laborator Proiectare Logică 9

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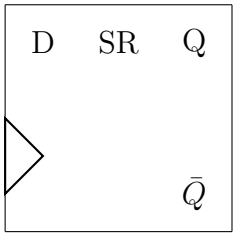
$D : Q = D \nearrow$ $\quad\quad$ $\nearrow$ - frontul ascendent

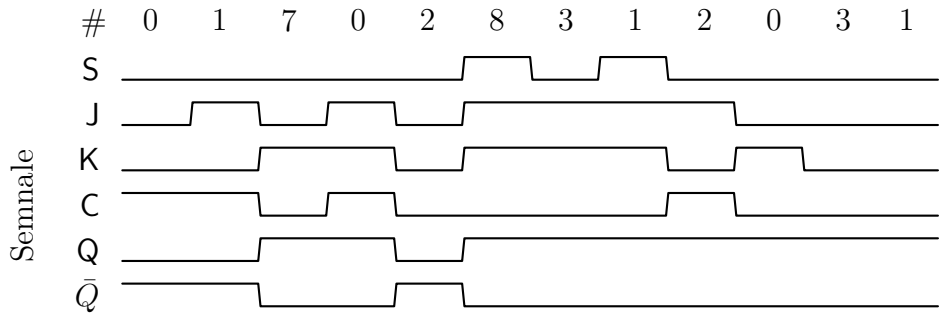
$$JK : \begin{cases} J \bigoplus K = 1; & Q = J \nearrow \\ J = K = 0; & Q = Q \nearrow \\ J = K = 1; & Q = \bar{Q} \nearrow \end{cases}$$

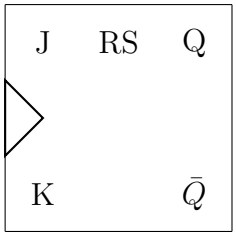
$$T : \begin{cases} T = 1; & Q = \bar{Q} \nearrow \\ T = 0; & Q = Q \nearrow \end{cases}$$

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

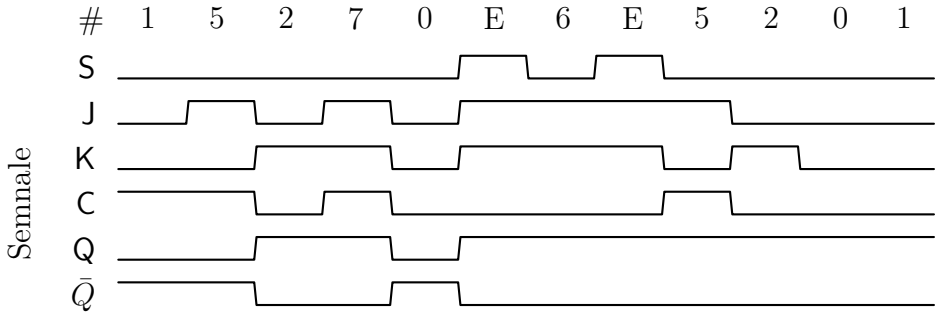


#	S	R	D	C	Q	$\bar{Q}$
0	0	0	0	0	1	0
1	0	0	0	1	0	1
7	0	1	1	1	0	1
0	0	0	0	0	0	1
2	0	0	1	0	0	1
8	1	0	0	0	1	0
3	0	0	1	1	0	1
1	0	0	0	1	0	1
2	0	0	1	0	0	1
0	0	0	0	0	0	1
3	0	0	1	1	0	1
1	0	0	0	1	0	1



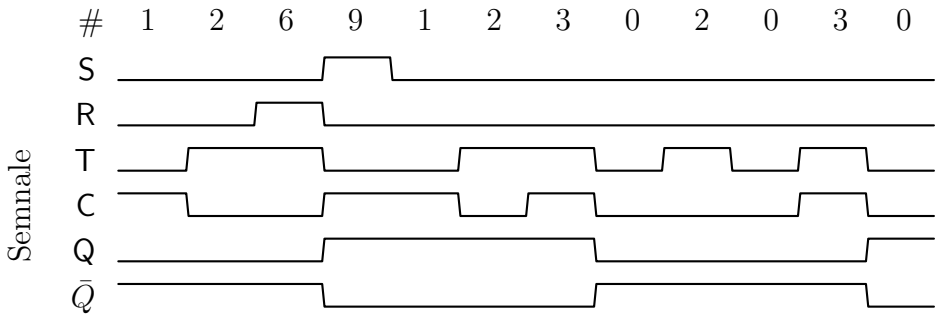


#	S	J	K	C	Q	$\bar{Q}$
1	0	0	0	1	0	1
5	0	1	0	1	0	1
2	0	0	1	0	1	0
7	0	1	1	1	1	0
0	0	0	0	0	0	1
E	1	0	1	0	1	0
6	0	1	1	0	1	0
E	1	1	1	0	1	0
5	0	1	0	1	1	0
2	0	0	1	0	1	0
0	0	0	0	0	1	0
1	0	0	0	1	1	0



#	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



Exercițiul 4:

BBB	$0-2$
siner	$+-+$
$D_0 = \bar{Q}_2$	$J_1 = \bar{Q}_1$
$K_1 = Q_2$	$T_2 = Q_1$