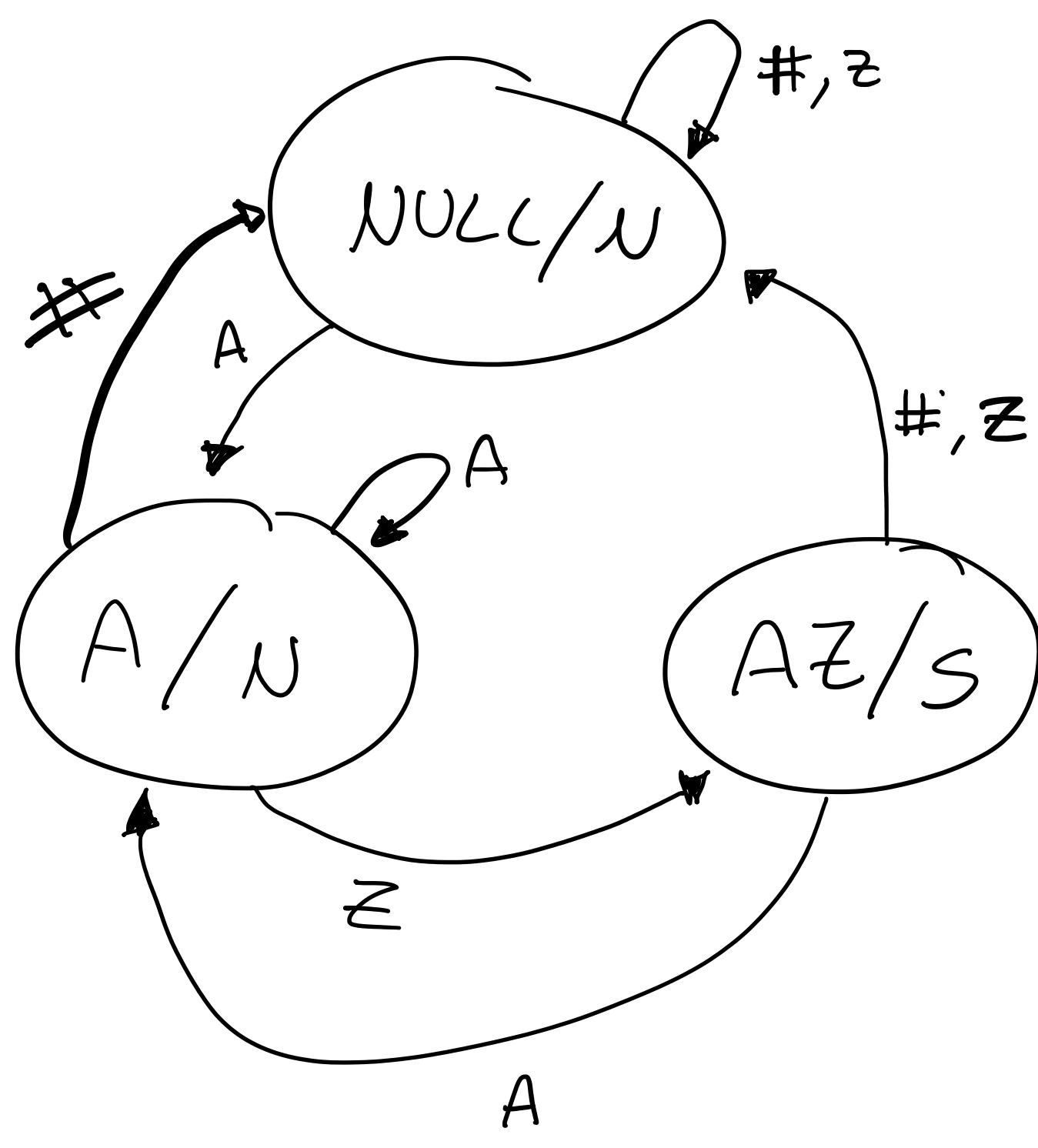


FSM (22/06/2021)

venerdì 24 settembre 2021 15:43



$$X = \{s_0, s_1, s_2\}$$

$$I = \{\#, A, z\}$$

$$O = \{0, 1\}$$

X	q_1	q_0	I	λ_1	λ_0
s_0	0	0	A	0	0
s_1	0	1	z	0	1
s_2	1	0	#	1	0

STT

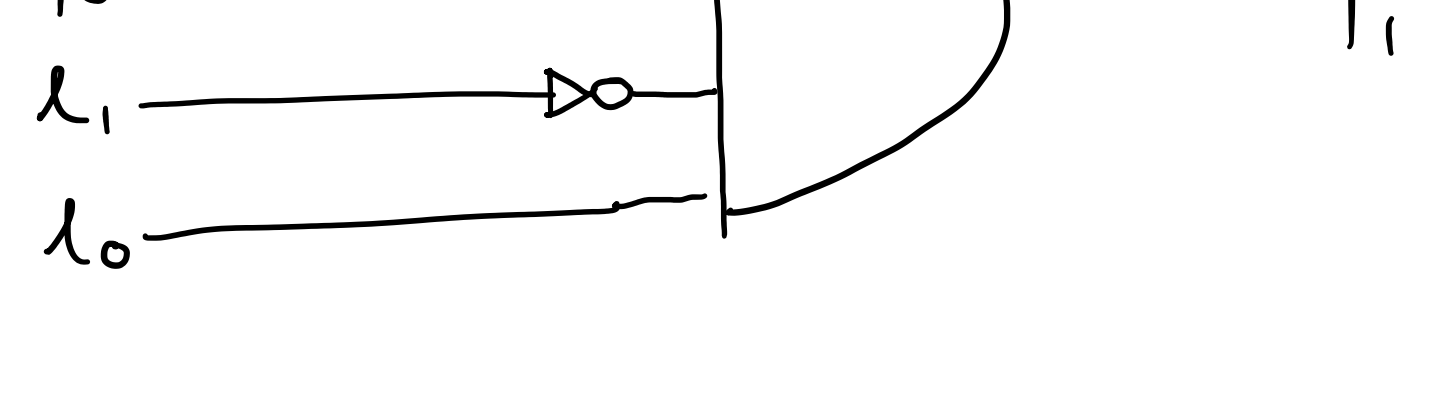
	A	z	#
s_0	s_1	s_0	s_0
s_1	s_1	s_2	s_0
s_2	s_1	s_0	s_0

q_1, q_0	λ_1, λ_0	q_1^*	q_0^*
S_0	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \\ 0 & 0 \end{bmatrix}$	$\begin{bmatrix} 0^A & 0 \\ 0^Z & 1 \\ 0^\# & 0 \end{bmatrix}$	$\begin{bmatrix} 0 & 1 \\ 0 & 0 \\ 0 & 0 \end{bmatrix}$
S_1	$\begin{bmatrix} 0 & 1 \\ 0 & 1 \\ 0 & 1 \end{bmatrix}$	$\begin{bmatrix} 0^A & 0 \\ 0^Z & 1 \\ 0^\# & 0 \end{bmatrix}$	$\begin{bmatrix} 0 & 1 \\ 1 & 0 \\ 0 & 0 \end{bmatrix}$
S_2	$\begin{bmatrix} 1 & 0 \\ 1 & 0 \\ 1 & 0 \end{bmatrix}$	$\begin{bmatrix} 0^A & 0 \\ 0^Z & 1 \\ 0^\# & 0 \end{bmatrix}$	$\begin{bmatrix} 0 & 1 \\ 0 & 0 \\ 0 & 0 \end{bmatrix}$

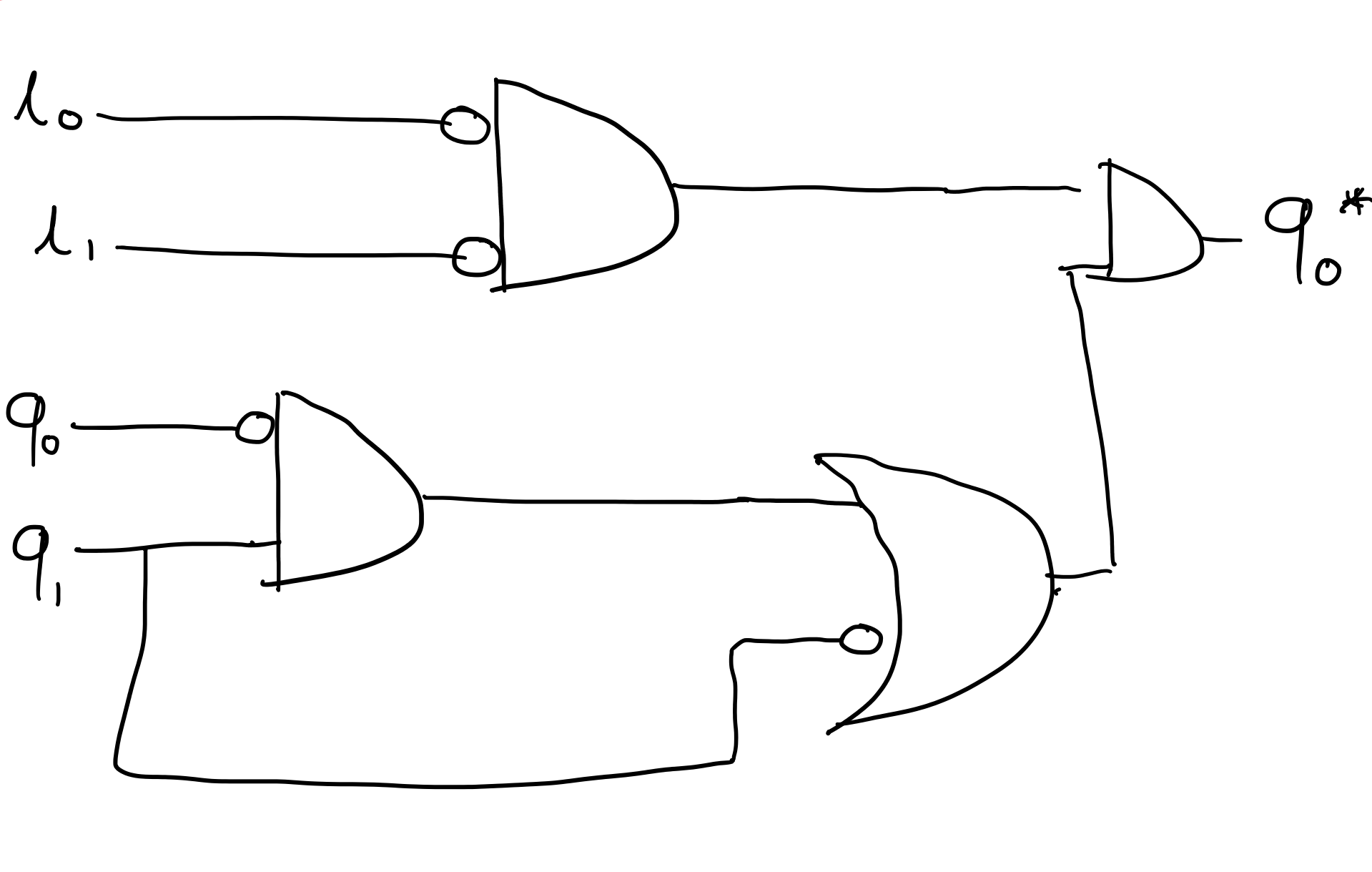
$$q_1^* = \bar{q}_1, q_0, \bar{\lambda}_1, \lambda_0$$

$$\begin{aligned}
 q_0^* &= \bar{q}_1, \bar{q}_0, \bar{\lambda}_1, \bar{\lambda}_0 + \bar{q}_1, q_0, \bar{\lambda}_1, \bar{\lambda}_0 + q_1, \bar{q}_0, \bar{\lambda}_1, \bar{\lambda}_0 \\
 &= \bar{\lambda}_1, \bar{\lambda}_0 (\bar{q}_1, \bar{q}_0 + \bar{q}_1, q_0 + q_1, \bar{q}_0) \\
 &= \bar{\lambda}_1, \bar{\lambda}_0 (\bar{q}_1, (\bar{q}_0 + q_0) + q_1, \bar{q}_0) \\
 &= \bar{\lambda}_1, \bar{\lambda}_0 (q_1 + q_1, \bar{q}_0)
 \end{aligned}$$

Q_1, NEXT

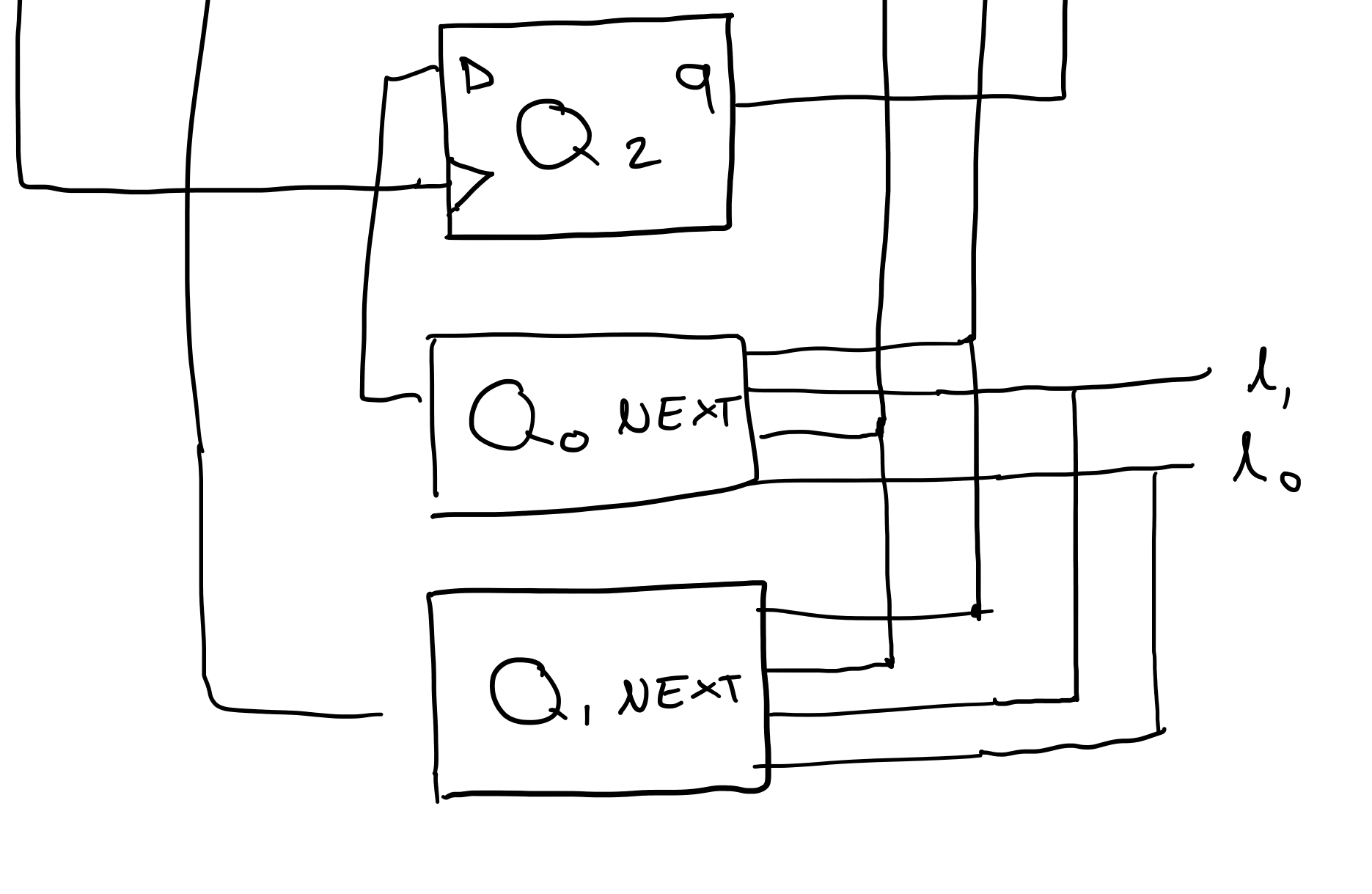


Q_0, NEXT

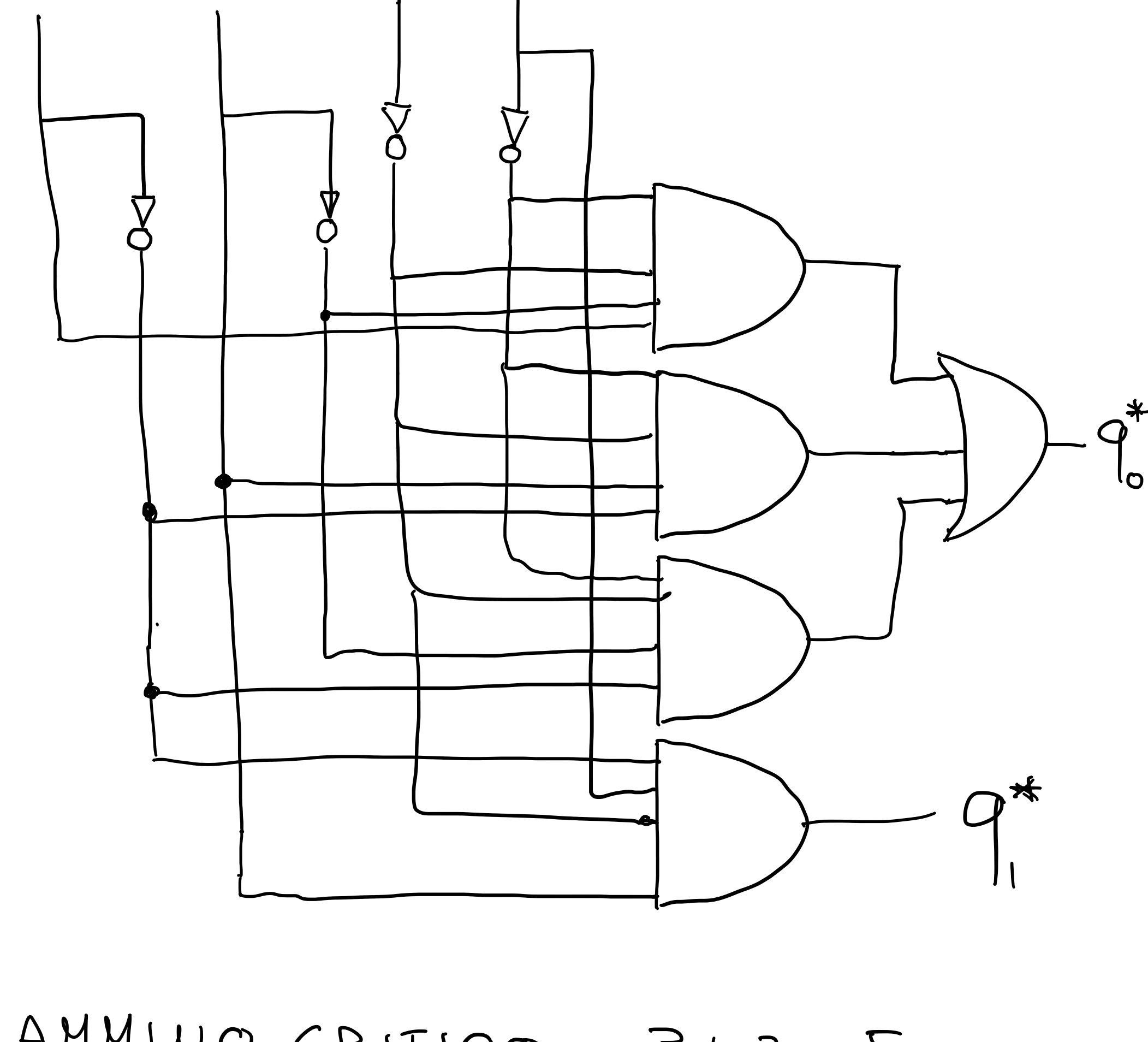


HUFFMAN

CLK

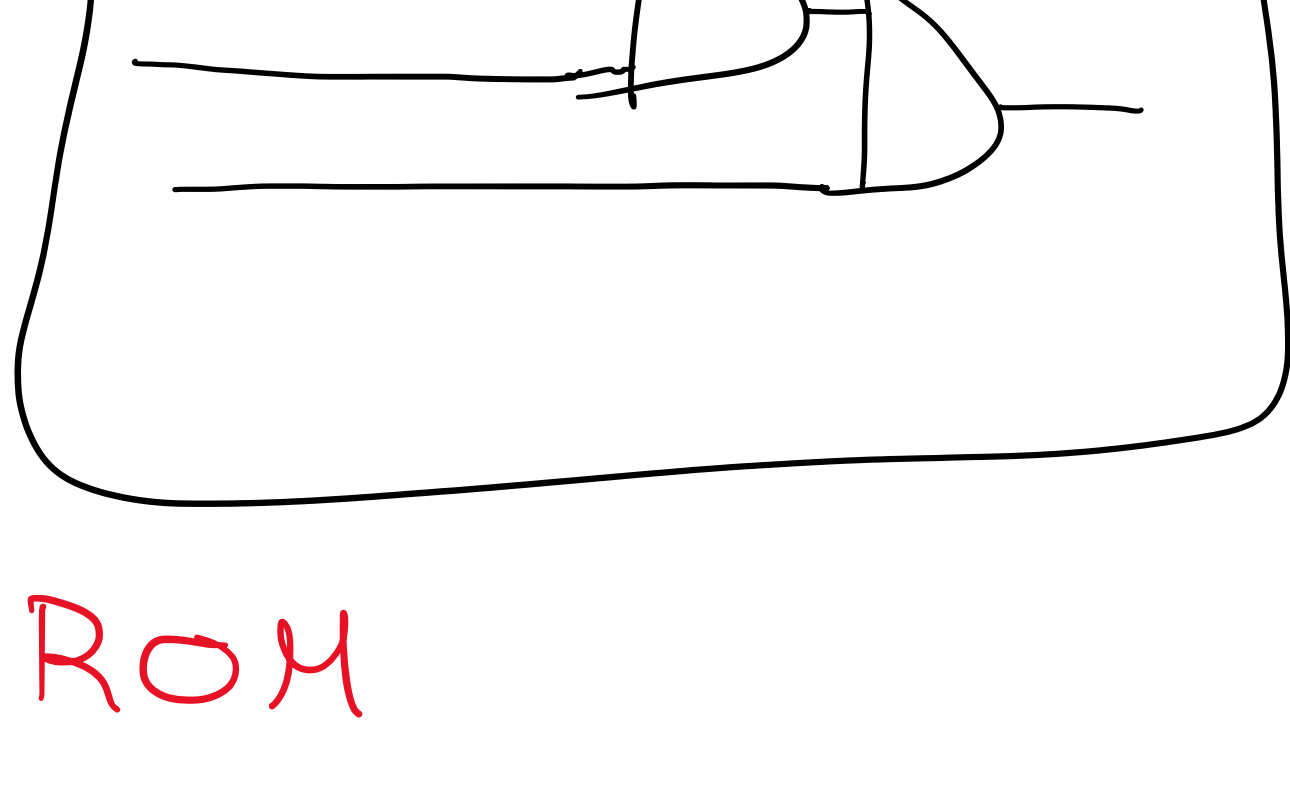


PLA



$$\text{CAMMINO CRITICO} = 3 + 2 = 5$$

$$\text{COMPLESSITÀ} = 14$$



RICORDA CHE NON ESISTONO PORTE DA + DI 2 INPUT, QUINDI LE METTI A CASCATA

ROM

