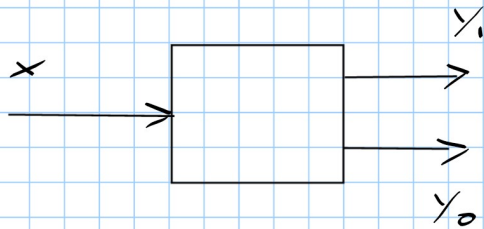
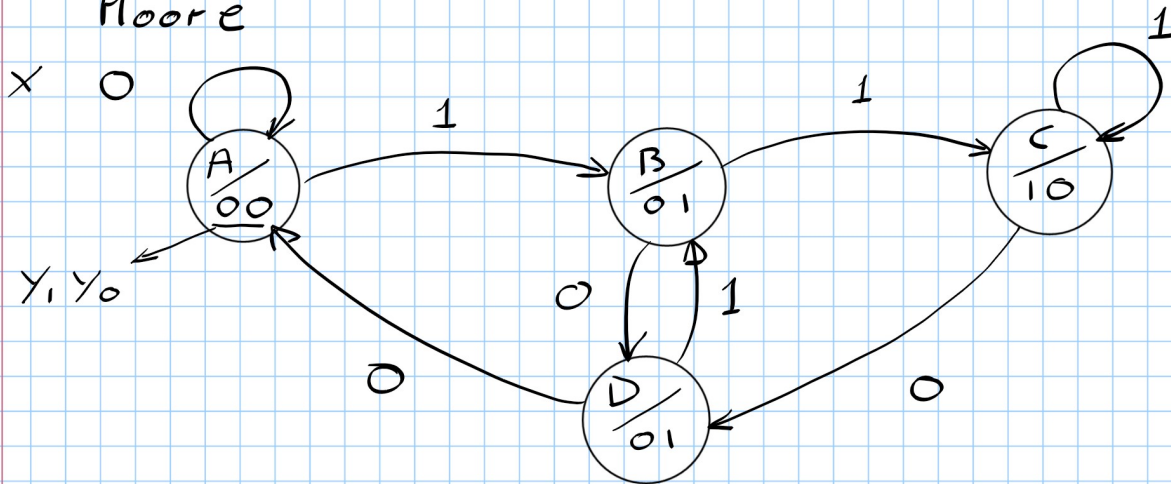


Esercizio



$y_1, y_0 : 00$ se non ricevo "1",
 $y_1, y_0 : 01$ se ricevo un "1",
 $y_1, y_0 : 10$ se ricevo due "1",

Moore



FF - D

	q_1, q_0
A	0 0
B	0 1
C	1 1
D	1 0

stato \ x	0	1
A	A	B
B	D	C
C	D	C
D	A	B

q_1, q_0 \ x	0	1
00	00	01
01	10	11
11	10	11
10	00	01

q_1', q_0'
 D_1, D_0

x \ q_1, q_0	0	1
00	0	0
01	1	1
11	1	1
10	0	0

$$D_1 = q_0$$

x \ q_1, q_0	0	1
00	0	1
01	0	1
11	0	1
10	0	1

$$D_0 = x$$

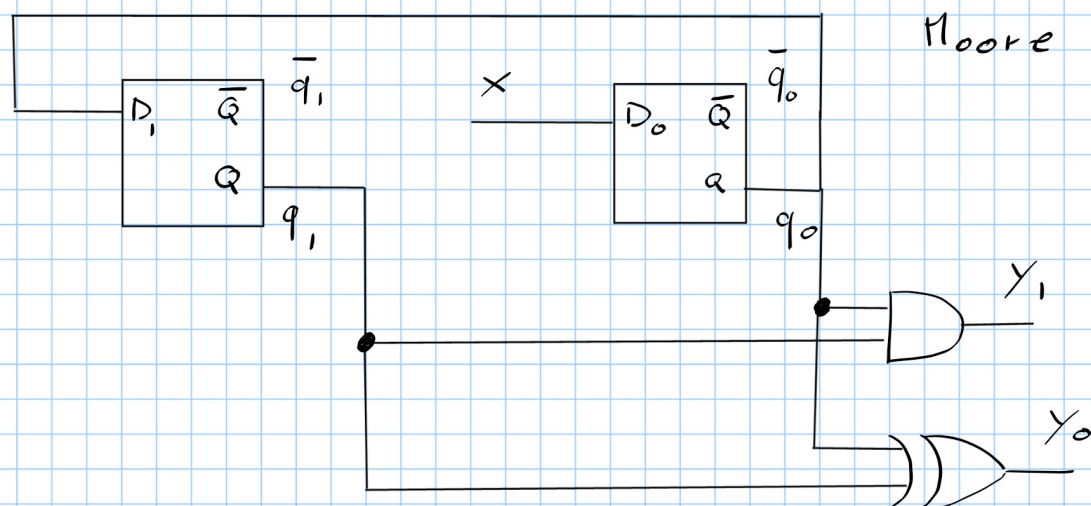
	q_1	q_0
A	0	0
B	0	1
C	1	1
D	1	0

y_1	y_0
0	0
0	1
1	0
0	1

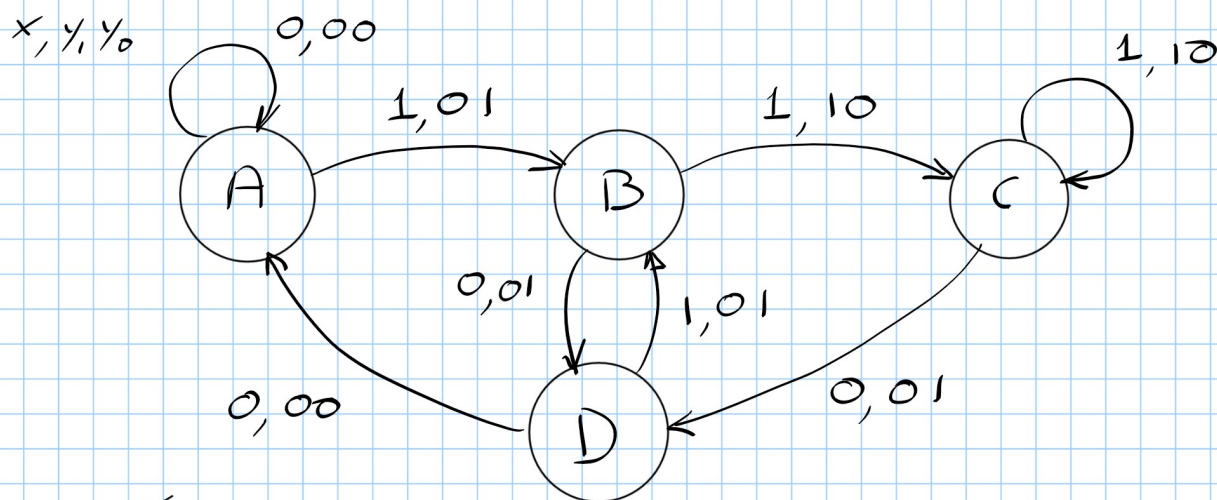
$$y_1 = q_1 q_0$$

$$y_0 = \bar{q}_1 q_0 + q_1 \bar{q}_0 = q_1 \oplus q_0$$

q_1	q_0	y_1	y_0
0	0	0	0
0	1	0	1
1	0	1	1
1	1	1	0



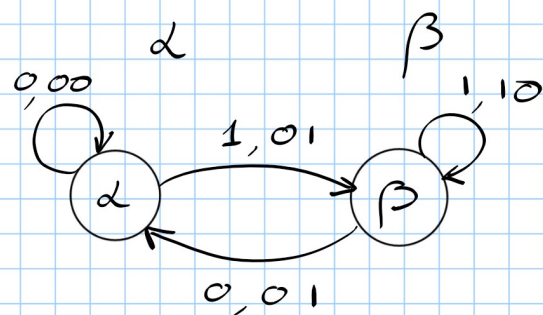
Passaggio Moore - Mealy



stats \ x	0	1
A	A, 00	B, 01
B	D, 01	C, 10
C	D, 01	C, 10
D	A, 00	B, 01

	A	B	C
A	X	B	
B	X	✓	C
C	✓	X	X

$\{A, D\}$ $\{B, C\}$



q_0
 α 0
 β 1

$q_0 \backslash x$	0	1
α 0	0,00	1,01
β 1	0,01	1,10

$q_0 \backslash x$	0	1
0	0	1
1	0	1

$$q_0' \equiv D = x$$

$q_0 \backslash x$	0	1
0	0	0
1	0	1

$q_0 \backslash x$	0	1
0	0	1
1	1	0

$$y_1 = q_0 x$$

$$\begin{aligned}
 y_0 &= q_0 \bar{x} + \bar{q}_0 x \\
 &= q_0 \oplus x
 \end{aligned}$$

