

Progettazione, FSM VII, p. 39

Si realizza il circuito la cui specifica è:  
si riconosce  $A, B = 1, 0$  poi  $A, B = 0, 1$  con una  
macchine di Moore.



nota: macchina monostabile  
perché  $S_0 \neq S_1$

A	B	SP		SF		USCITA
		SP0	SP1	SF0	SF1	
0	0	0	0	0	0	0
0	0	0	1	0	0	0
0	0	1	0	0	0	1
0	0	1	1	1	1	0
0	1	0	0	0	0	0
0	1	0	1	1	0	0
0	1	1	0	0	0	1
0	1	1	1	1	1	0
1	0	0	0	0	1	0
1	0	0	1	0	1	0
1	0	1	0	1	1	1
1	0	1	1	0	0	0
1	1	0	0	0	0	0
1	1	0	1	0	0	1
1	1	1	0	0	0	1
1	1	1	1	1	1	1

- p. 1 - (p. 39 pag. copiare)

		AB			
SPO	SP1	00	01	11	10
		0	0	0	0
00		0	0	0	0
01		0	1	0	0
11		-	-	-	-
10		0	0	0	0

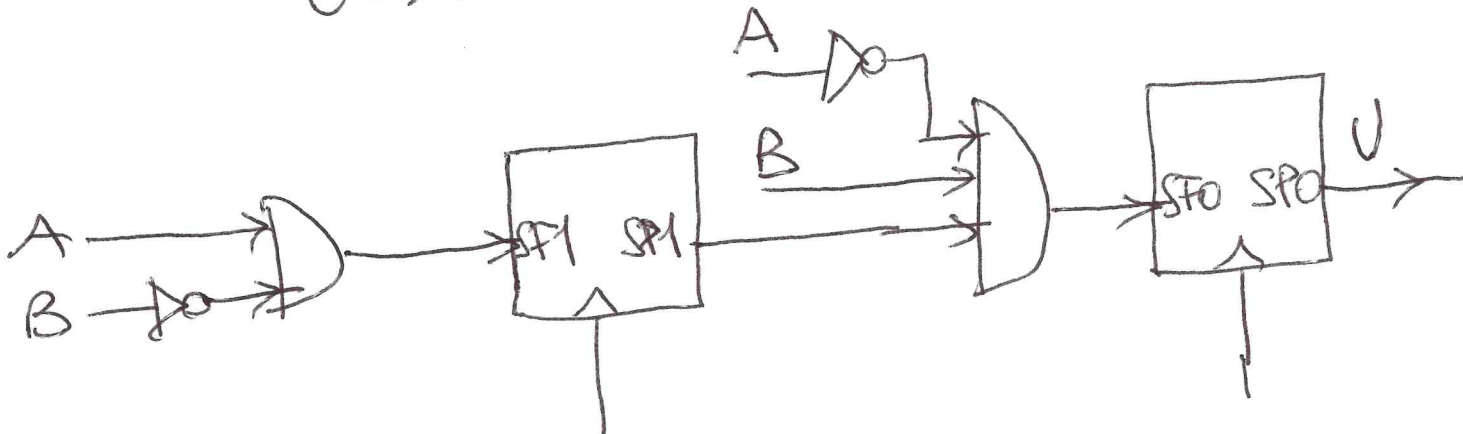
$SFO = \overline{A}B \text{ SP1}$

		AB			
SPO	SP1	00	01	11	10
		0	0	0	1
00		0	0	0	1
01		0	0	0	1
11		-	-	-	-
10		0	0	0	1

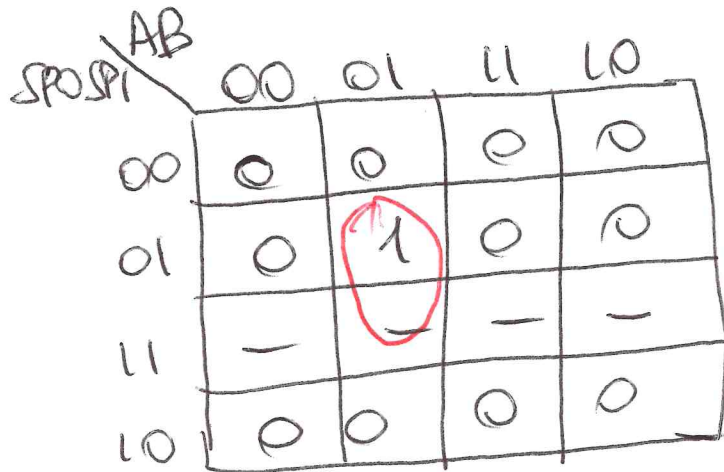
$SF1 = A\overline{B}$

		AB			
SPO	SP1	00	01	11	10
		0	0	0	0
00		0	0	0	0
01		0	0	0	0
11		-	-	-	-
10		1	1	1	1

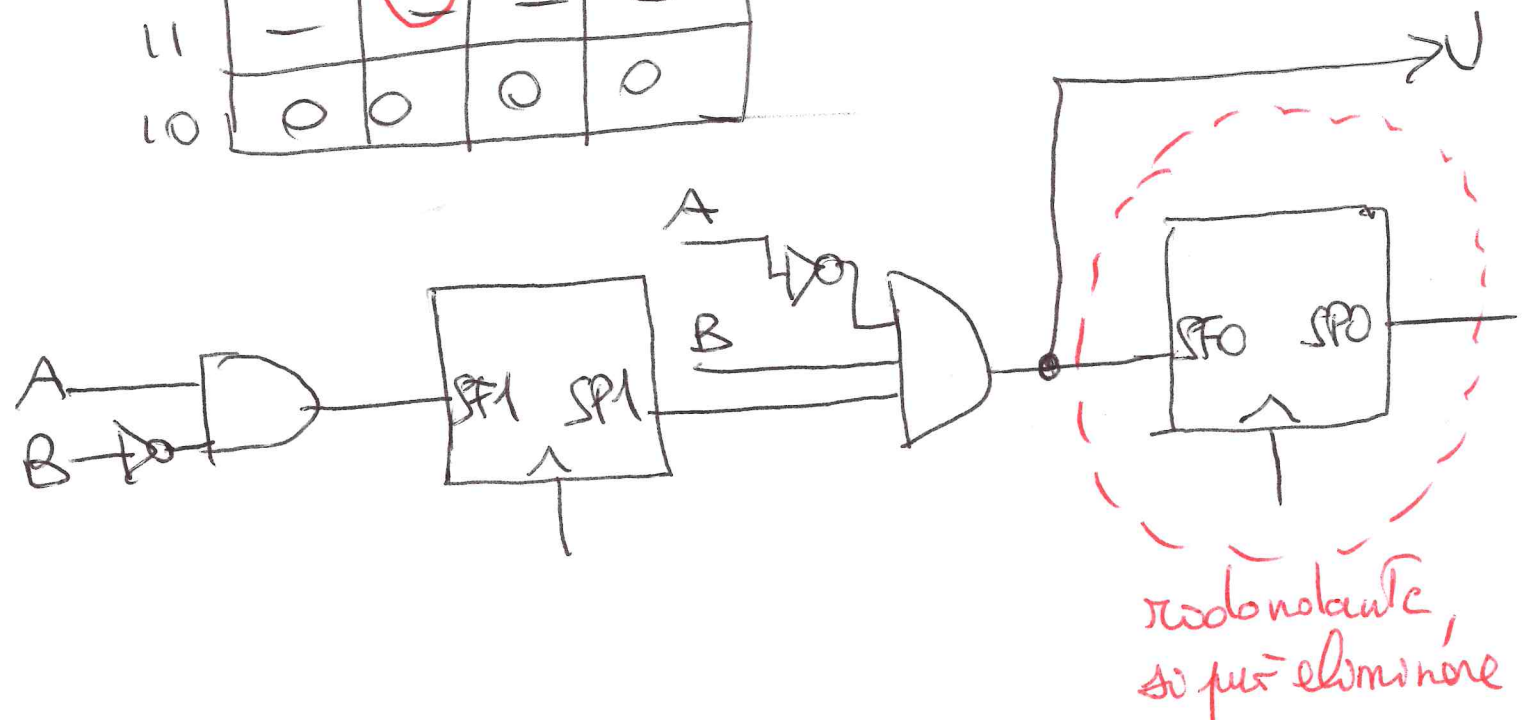
$U = SPO$

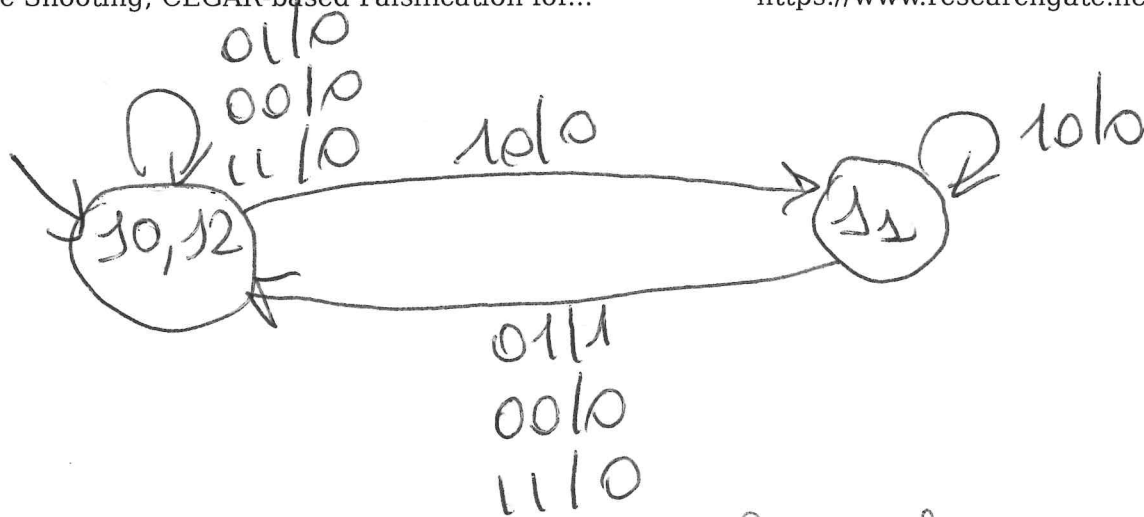


AGE 6  
Ripuzettiquar il circuito come macchina da Mealy



$$U = \bar{A}BSP1$$





minimizzazione delle macchine alla pagine precedenti

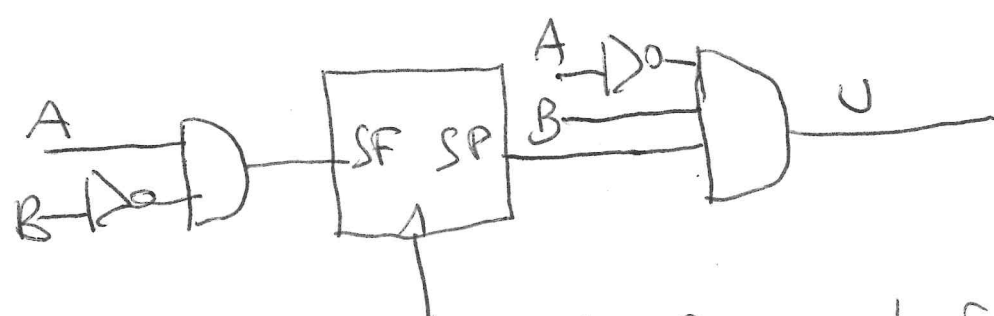
A	B	SP	SF	U
0	0	0	0	0
0	0	1	0	0
0	1	0	0	0
0	1	1	0	1
0	1	1	1	0
1	0	0	1	0
1	0	1	1	0
1	1	0	0	0
1	1	1	0	0

SP \ AB	00	01	11	10
0	0	0	0	1
1	0	0	0	1

$SF = A \bar{B}$

SP \ AB	00	01	11	10
0	0	0	0	0
1	0	1	0	0

$U = \bar{A} B SP$



coincide con lo schematico precedente eliminando il bistabile superfluo