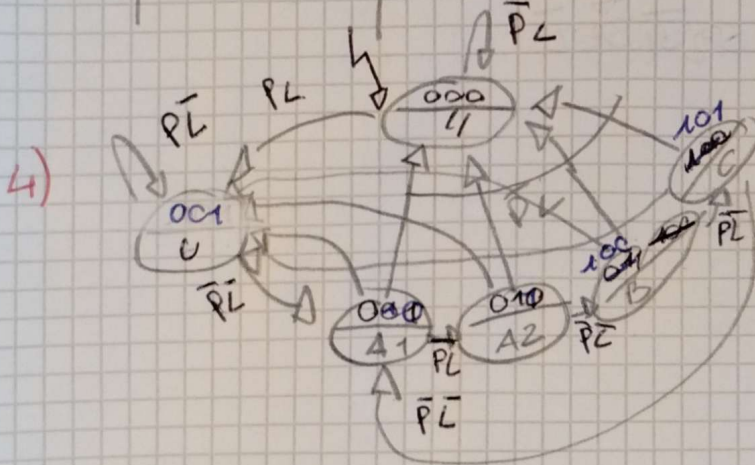


Esercizio

1) I_z	DESC
P	PULSANTE CHE ATTIVA VALVOLA U
L	SENSORE LIVELLO

2) OUT	DESC
A	VALVOLA
B	//
C	//
U	VALVOLA MISCELATORE

3) #	SP ₂	SP ₁	SP ₀	DESC
0	0	0	0	SERB PIENO / ATTESA
1	0	0	1	S. RIEMPIMENTO A1
2	0	1	0	// // A2
3	0	1	1	// // B
4	1	0	0	// // C
5	1	0	1	SISTEMA EROG.B



B) USCITE

$$A = \underline{SP_1}$$

$$B = \underline{SP_2 \overline{SP_0}}$$

A

SP ₂	SP ₁	SP ₀	00	01	11	10
0					1	1
1					x	x

B

SP ₂	SP ₁	SP ₀	00	01	11	10
0						
1	1				x	x

C =

	SP ₁	SP ₀		
	00	01	11	10
SP ₂				
0				
1		1	X	X

SP₂ SP₀

$$U = \overline{SP_2} \overline{SP_1} SP_0$$

	00	01	11	10
SP ₂				
0		1		
1	1		X	X

Siati

$$SF_2 = \overline{SP_2} SP_1 SP_0 \overline{L} \overline{P} + SP_2 \overline{SP_1} \overline{SP_0} \overline{L} \overline{P}$$

$$SF_1 = \overline{SP_2} \overline{SP_1} SP_0 \overline{P} + SP_2 \overline{SP_1} SP_0 \overline{L} \overline{P} + SP_2 SP_1 \overline{SP_0} \overline{L} \overline{P}$$

$$SF_0 = \overline{SP_2} SP_1 \overline{SP_0} \overline{L} + SP_2 \overline{SP_1} \overline{SP_0} \overline{L}$$