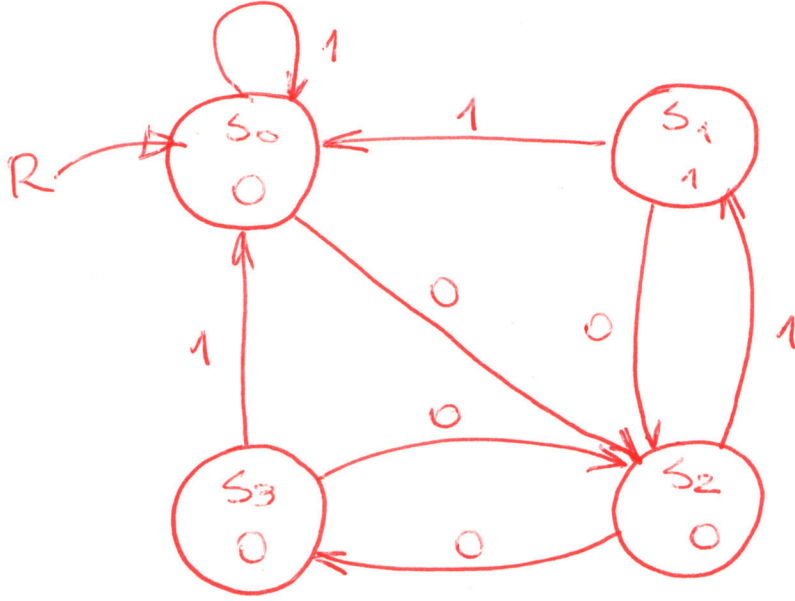


QUESTÃO 2



EST.	ENTRADA	ENTRADA	PROX. EST	SALIDA
S ₀	00	0	S ₂ 10	0
S ₀	00	1	S ₀ 00	0
S ₁	01	0	S ₂ 10	1
S ₁	01	1	S ₀ 00	1
S ₂	10	0	S ₃ 11	0
S ₂	10	1	S ₁ 01	0
S ₃	11	0	S ₂ 10	0
S ₃	11	1	S ₀ 00	0
	Q ₁ Q ₀	A	D ₁ D ₀	

D₁:

A	Q ₁ Q ₀	00	01	11	10
0	1	1	1	1	1
1	0	0	0	0	0

$D_1 = \bar{A}$

D₀:

A	Q ₁ Q ₀	00	01	11	10
0	0	0	0	0	1
1	0	0	0	0	1

$D_0 = Q_1 \cdot \bar{Q}_0$

Y:

A	Q ₁ Q ₀	00	01	11	10
0	0	0	1	0	0
1	0	0	1	0	0

$Y = \bar{Q}_1 \cdot Q_0$

(b)

