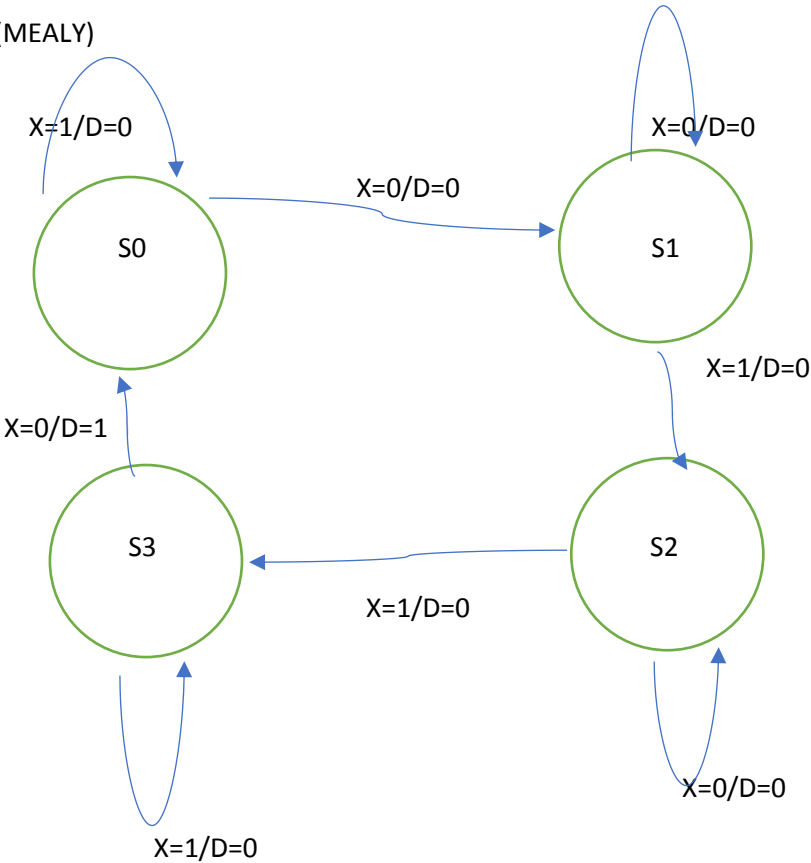


TP5-EX4(MEALY)



S0=001; S1=010; S2=011; S3=100

Entrada		Estado Atual			Estado Seguinte			Estado Excitação			Saída
B		Q2	Q1	Q0	Q2*	Q1*	Q0*	D2	D1	D0	D
0		0	0	1	0	1	0	0	1	0	0
1		0	0	1	0	0	1	0	0	1	0
0		0	1	0	0	1	0	0	1	0	0
1		0	1	0	0	1	1	0	1	1	0
0		0	1	1	0	1	1	0	1	1	0
1		0	1	1	1	0	0	1	0	0	0
0		1	0	0	0	0	1	0	0	1	1
1		1	0	0	1	0	0	1	0	0	0

BQ2	Q1Q0	00	01	11	10
00		X	0	0	0
01		0	X	X	X
11		1	X	X	X
10		X	0	1	0

D2= BQ2+BQ1Q0

BQ2	Q1Q0	00	01	11	10
00		X	1	1	1
01		0	X	X	X
11		0	X	X	X
10		X	0	0	1

D1=B'Q2'+Q1Q0'

TP5-EX4(MEALY)

Q1Q0	00	01	11	10
BQ2				
00	X	0	1	0
01	1	X	X	X
11	0	X	X	X
10	X	1	0	1

$D0=B'Q2+BQ1'Q0+BQ1Q0'+B'Q1Q0$

$D=B'Q2Q1'Q0'$

