viernes, 20 de octubre de 2023 02:47 a. m.

$X=2 \rightarrow 3, 1, 2, 0$ $X=1 \rightarrow 01, 3, 0, 2$

Sig. X	D_1	D_0	T_1	T_0	T_1	T_0
0	0	0	1	1	1	1
1	0	0	1	1	1	1
2	0	1	0	0	1	0
3	0	1	1	0	1	0
	1	0	0	1	1	0
	1	0	1	1	1	0
	1	1	0	1	1	1
	1	1	1	0	1	1

$T_1 = 1$

$T_0 = \bar{X}\bar{B}_1 + XB_1 = \overline{X \oplus B_1}$

$X B_1$ \ B_0	0	1
00	1	
01		
11	1	1
10		

B_1 01 → 00

B_0 : 1 → 1

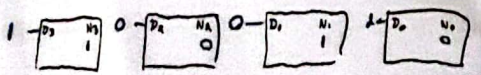
$T_1 = 1$

$T_0 = \overline{00} = 0$

puente H Motor bipolar

	In1	In2	In3	In4									
X	B_3	B_2	B_1	B_0	N_3	N_2	N_1	N_0	D_3	D_2	D_1	D_0	
1	1	0	1	0	1	0	0	1	1	0	0	1	9
1	1	0	0	1	0	1	1	0	0	1	1	0	6
1	0	1	1	0	0	1	0	1	0	1	0	1	5
1	0	1	0	1	1	0	1	0	1	0	1	0	10
0	0	1	1	0	0	1	1	0	0	1	1	0	
0	0	1	0	1	0	1	0	1	1	0	0	1	
0	1	0	1	0	1	0	0	1	1	0	1	0	
0	1	0	0	1	0	1	0	1	1	0	0	1	

Secuencia N° 10 a 9



1 0 0 1 9

$D_1 = 1010$ $D_3 = 0110$

$D_2 = 1001$ $D_0 = 0101$

D	Q	Q+	
0	0	0	Memoria
1	1	1	Memoria
0	1	0	cambia
1	0	1	cambia

A N

0	0 0 0	0
1	0 0 0	1
2	0 0 1	9
3	0 0 1	1
4	0 1 0	0
5	0 1 0	1
6	0 1 1	9
7	0 1 1	1

8	1 0 0	9
9	1 0 0	1
10	1 0 1	0
11	1 0 1	1
12	1 1 0	0
13	1 1 0	1
14	1 1 1	0
15	1 1 1	1

3

if(x==1')

JA 10

Estado D_1: $Q_{AC} = 1010$, $Q_{SC} = 1001$, $Q_{AC} = Q_{SC}$

Estado D_2: $Q_{AC} = 1001$, $Q_{SC} = 0110$, $Q_{AC} = Q_{SC}$

Estado D_3: $Q_{AC} = 0110$, $Q_{SC} = 0101$, QAC cambia

Estado De: $Q_{SC} = 0101$, $Q_{SC} = 1010$, $Q_{AC} = Q_{SC}$

En vector (3 a 0)

Pin H	vector	valor en D_3
2	3	1
9	2	0
10	1	1
13	0	0

otro caso

valores del vector son los posibles incrementos de tal manera se cumplen los flancos de la tabla de acuerdo al #P

D_3

B_1B_0 \ B_3B_2	00	01	11	10
00	X	X	X	X
01	X	1		X
11	X	X	X	X
10	X		1	X

$D_3 = B_2\bar{B}_1 + B_3B_1$

D_2

B_1B_0 \ B_3B_2	00	01	11	10
00	X	X	X	X
01	X		1	X
11	X	X	X	X
10	X	1		X

$D_2 = B_3\bar{B}_1 + \bar{B}_3B_1$

Para X = 1

D_1

B_1B_0 \ B_3B_2	00	01	11	10
00	X	X	X	X
01	X	1		X
11	X	X	X	X
10	X	1		X

$D_1 = \bar{B}_1$

D_0

B_1B_0 \ B_3B_2	00	01	11	10
00	X	X	X	X
01	X		1	X
11	X	X	X	X
10	X		1	X

$D_0 = B_1$