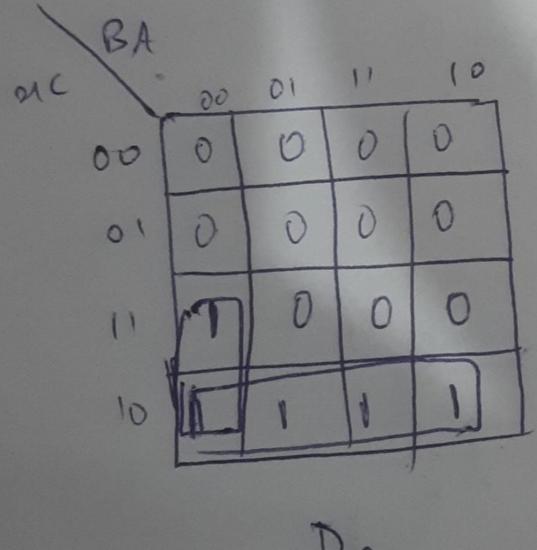


State diagram

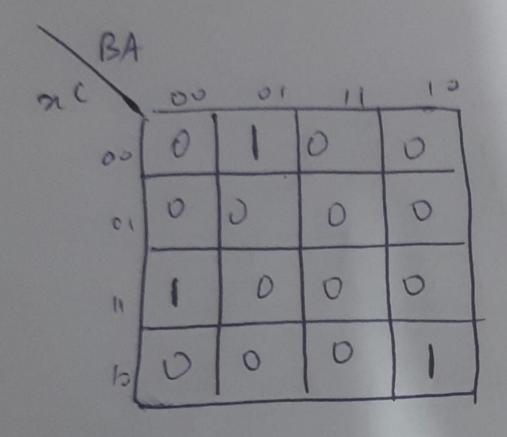
2) State Table PS NS, oryo (50,0) (5,0) 50 (52,0) (S,0) 5, (500) (S3,0) Sa (54,1) (581,0) 53 (50,0) (53,0) (So,0) (So,0) other

3) Tramathon	0/4 table:						
1 - 15	N		0/0	O/4r			
	I						
	0	1	0	1			
			3				
5.	So	S,	0	0			
S	52	Sı	0	0			
Sa	5.	53	0	0			
53	54	SI	1	0			
54	50	\$ 3	0	0			
other	50	50	0	0			

Input (x)	Present State		Next State			Flip flop inputs			Output(Y)	
×	С	В	Α	C'	B'	A'	D_C	D_B	D_A	Y
0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	1	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0	0
0	0	1	1	1	0	0	1	0	0	1
0	1	0	0	0	0	0	0	0	0	0
0	1	1	x	0	0	0	0	0	0	0
0	1	х	1	0	0	0	0	0	0	0
1	0	0	0	0	0	1	0	0	1	0
1	0	0	1	0	0	1	0	0	1	0
1	0	1	0	0	1	1	0	1	1	0
1	0	1	1	0	0	1	0	0	1	0
1	1	0	0	0	1	1	0	1	1	0
1	1	1	x	0	0	0	0	0	0	0
1	1	x	1	0	0	0	0	0	0	0



DA BA DA - NC + NBA



DB = NCBĀ+ Z CBĀ + mcBĀ BA 10 00 

De = TOBA

Y

Y= xCBA = Qc

