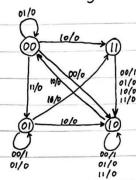
FSM next page



So we can get the FSM.



2. From the diagram, we can get input equations

 $T_B = A' + B$

Then, state equation:

= AA'B' + AA' + A'B

= A'B

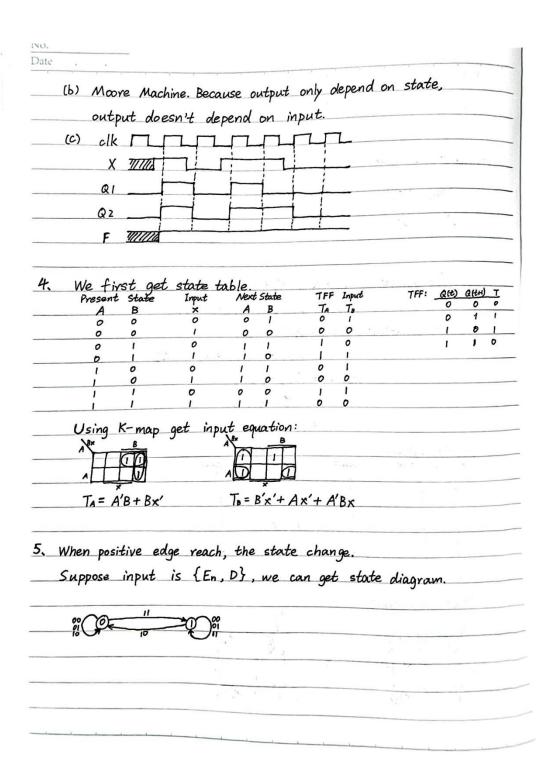
 $B(t+0) = T_B \oplus B = T_B'B + T_BB'$

= AB'B + A'B'+BB'

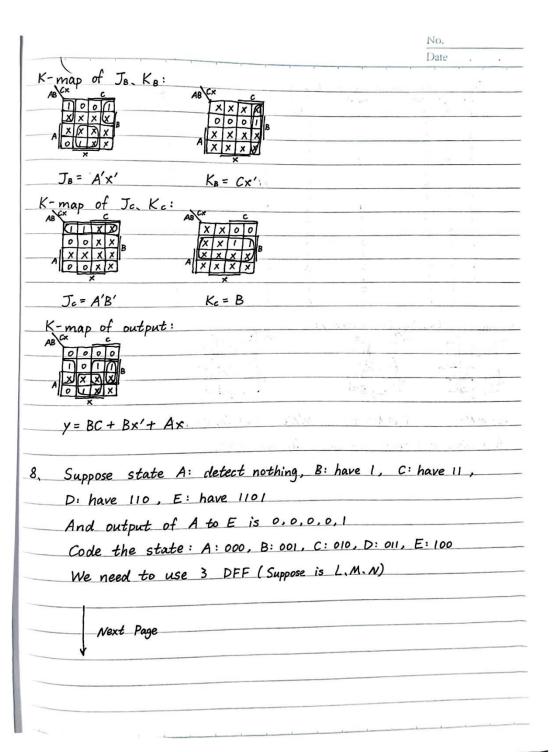
= 0 + A'B' + 0

= A'B'

Since there aren't any input, so the truth table only has 4 lines. (next page)



Present Star	te	Next	state x=1		014	re the				
a		f	b		X=0	X=1				
ь		d	c		0	0			-	
d		f	Ь		0 .	0	11:			
f		9	a			0				(6
ġ		f	Ь d		ı	!				
5		9	_a		0					
Then red	uce a c		Next	C+++0		Outp			1	- 1
Present	State		K=0	x=1			x=/			,
a			f	Ь	77	0	0		- 7	
Ь			d	а	7 - 17	0	0			
d f			9 f	a		1 .	0		500	1 - 4 - 5 - 5
9			f	ď		0	i			
			<i>-</i>			- 1		,	- 5 -	1:
Present S A B O O	0	Inpu ×		A B	State C I	y	J _A	K _A	JKFF Js Ks ! X.	Je Ke
1,500		0		0 0	1	0	0	×	1 X,	
0 0	0	0		0 1	0	0	0	X	1 ×	x 0
0 0	1	1		0 0	0	0	0	×	0 X	X O
				0 0				-	<u> </u>	
0 01	0	0		1 0	0	1	1	X	X D	0 X
0 01	0	0		1 0 0 0	0	1	1	X X	X D	O X
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0 •1 0 •1 0 1	0	0		1 0 0 0 0 1	0	1 1 0	0 0 0 X	X X	X 0 X 0	0 X X I X I 0 X
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0 01 0 01 0 1 0 1 1 0 1 0	0 D P1 1 0 0	0 1 0 1 0 1 0	;	1 0 0 0 0 1 0 0 1 0 0 1 X X X X	0 0 1 1 0 0 X X		0 0 0 X X X X	x x x x x	X 0 X 0 0 X 1 X X X X X	0 X X I X I 0 X 0 X X X X X



	30	uce i	table is as	below	41.44		Outpu	t
Pre	sent	Stocke	Input	Next	STATE	(0.)	ý	,
L	M	N	×		M (Dau)	N(DN)	ó	•
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0	0	0	I	0	0		0	
0	0	1	D	0	0	0	. 0	
0	0		1	0		0	0	
0	1	0	0	0	1.	1	0	
0	1	0		0	01_	0	0	
0	1	ı	0	0	0	0	0	1.6
0					0	0	3r	
1	0	0	0	0	1	0	1	17
	0	0	0	X	X	X	X	
!	0	΄,	ĭ	Ŷ	×	X	×	
	ī	0	0	X	×	. X	X	1 4 1
i	,	0	1		×	- X	, X	
1	1	1	0	X	X	X	X	
1	1	1		Х	X	X	X	
4 4 4	V.		OLIXX		1	OX	x	- 1
DE MAY			Dn= MN'+ Lx	(+ M'M	e D	~= L'M	'N'~+ M	V'~'
DL= MNX			$D_M = MN' + L_X$ map, we co					V'*'
DL= MNX								V'*'
DL= MNX								V'*'
DL= MNX								V'*'
DL= MNX								V'*'