Neme: Anemus Hoque Emtias . S.ID: 1905113

State diagram:

state table!

P	5	-112				
	6	1	- Q -		E E	L
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	-	2		-	10	Ľ
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	2	5			000	
	5	13				
. \ @	2	10	Flip E	4000	dinon	11
19	0	6				

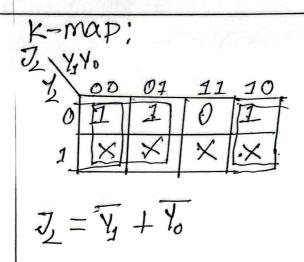
Treansition Table! Dugott Donath Donath

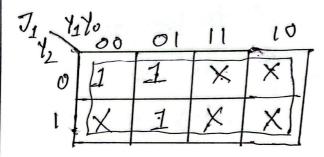
Y2 Y1 %	Y, Y, NS
1 1 0	
0.01	1 1 1
111	0010-3-2-7-1-2
n 1 0	1 0 1
1 01	0 1 1
1	\wedge \wedge \wedge
000	1 10

Excitation Table!

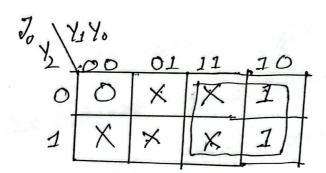
$$\frac{1}{2}\frac{1}{4}\frac{1}{6}$$
 $\frac{1}{2}\frac{1}{4}\frac{1}{2}$
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 $\frac{1}{2}\frac{1}{4$

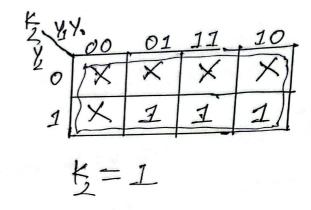
number of Flip Flop = [ba, \$7 = 3





$$J_1 = 1$$





KIN Y	1100	01	. 11	10		
0	X	X	1	[I]		
1	X	×	0	1		
K_1 = \frac{7}{2} + \frac{7}{2}						

4	1140			
y,	00	.01	11	10
0	X	0	11	XI
1	X	0,	1	×