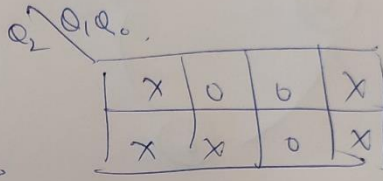
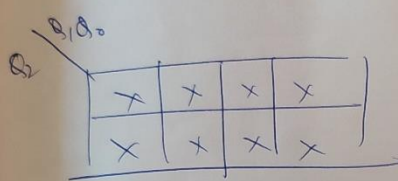
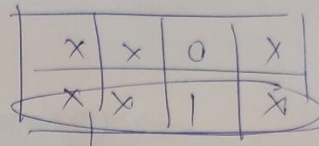
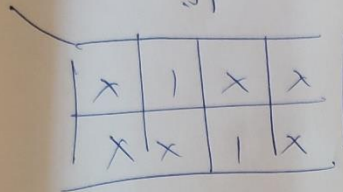
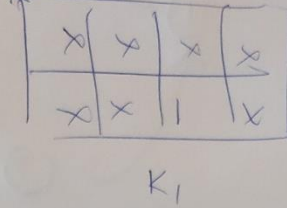
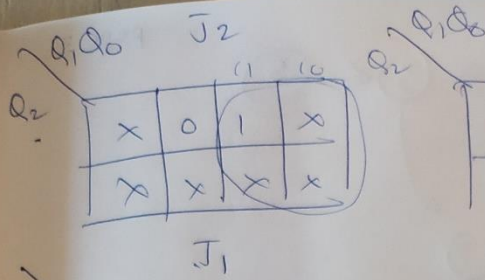


Q_2	Q_1	Q_0	Q_2	Q_1	Q_0	J_2	K_2	J_1	K_1	J_0	K_0
0	0	0				x	x	x	x	x	x
0	0	1	0	1	1	0	x	1	x	x	0
0	1	0				x	x	x	x	x	x
0	1	1	1	1	1	1	x	x	0	x	0
1	0	0				x	x	x	x	x	x
1	0	1				x	x	x	x	x	x
1	1	0				x	x	x	x	x	x
1	1	1	0	0	1	x	1	x	1	x	0



$J_2 = Q_1$ $K_2 = 1$
 $J_1 = 1$ $K_1 = Q_2$
 $J_0 = 0$ $K_0 = 0$

$Q_2 Q_1 Q_0$	$Q_2 Q_1 Q_0$	
0 0 0	0 1 0	
0 0 1	0 1 1	
0 1 0	1 1 0	
0 1 1	1 1 1	
0 0 0	0 1 0	
1 0 1	0 1 1	
1 1 0	0 0 0	
1 1 1	0 0 1	

J_0	K_0
x	x
x	0
x	x
x	0
x	x
x	x
x	0

Q_1, Q_0 J_2

Q_2	00	01	11	10
0	1	0	1	1
1	x	x	1	x

Q_1, Q_0 K_2

Q_2	00	01	11	10
0	x	x	x	x
1	0	0	x	0

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Q_1, Q_0 J_1

Q_2	00	01	11	10
0	1	1	x	x
1	1	1	1	x

Q_1, Q_0 K_1

Q_2	00	01	11	10
0	x	x	0	0
1	x	x	x	0

Q_1, Q_0 J_0

Q_2	00	01	11	10
0	1	x	x	1
1	1	x	x	1

Q_1, Q_0 K_0

Q_2	00	01	11	10
0	x	0	0	x
1	x	0	0	x

$$\bar{J}_2 = Q_1 + \bar{Q}_0$$

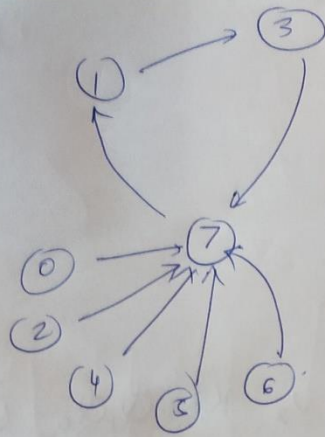
$$K_2 = 0$$

$$\bar{J}_1 = 1$$

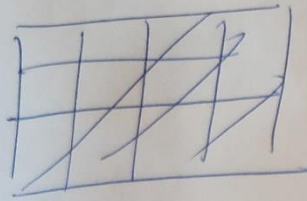
$$K_1 = 0$$

$$\bar{J}_0 = 1$$

$$K_0 = 0$$



Q_2	Q_1	Q_0	Q_2	Q_1	Q_0	J_2	K_2	J_1	K_1	J_0	K_0
0	0	0	1	1	1	1	x	1	x	1	x
0	0	1	0	1	1	0	x	1	x	x	0
0	1	0	1	1	1	1	x	x	0	1	x
0	1	1	1	1	1	1	x	x	0	x	0
1	0	0	1	1	1	x	0	1	x	1	x
1	0	1	1	1	1	x	0	1	x	x	0
1	1	0	1	1	1	x	0	x	0	1	x
1	1	1	0	0	1	1	x	1	x	x	0



		Q_1, Q_0		J_2, K_2	
		00	01	11	10
Q_2	0	1	0	1	1
	1	0	0	1	0

$$\bar{J}_2 = K_2 = Q_1 Q_0 + \bar{Q}_2 \bar{Q}_0$$

J_0	K_0
1	1
0	0
1	1
0	0
1	1
0	0
1	1
0	0

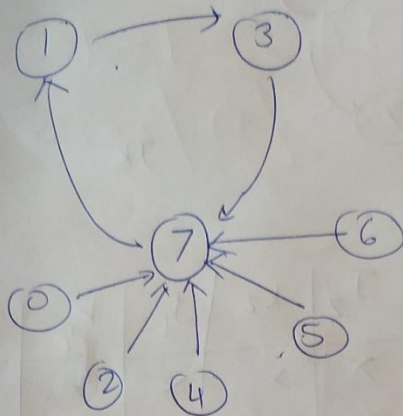
		Q_1, Q_0		J_1, K_1	
		00	01	11	10
Q_2	0	1	1	0	0
	1	1	1	1	0

$$J_1 = K_1 = \bar{Q}_1 + Q_2 Q_0$$

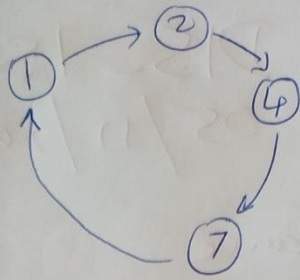
		Q_1, Q_0		J_0, K_0	
		00	01	11	10
Q_2	0	1	0	0	1
	1	1	0	0	1

$$J_0 = K_0 = \bar{Q}_0 + \bar{Q}_1$$

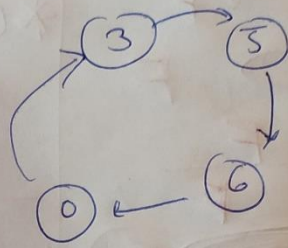
Q_2, Q_1, Q_0	Q_2, Q_1, Q_0
000	
001	
010	
011	
100	1/1
101	
110	
111	



Q_2	Q_1	Q_0	Q_2	Q_1	Q_0	J_2	K_2	J_1	K_1	J_0	K_0
0	0	0	1	1	1	1	1	1	1	1	1
0	0	1	0	1	1	0	0	1	1	0	0
0	1	0	1	1	1	1	1	0	0	1	1
0	1	1	1	1	1	1	1	0	0	0	0
1	0	0	1	1	1	0	0	1	1	1	1
1	0	1	1	1	1	0	0	1	1	0	0
1	1	0	1	1	1	0	0	0	0	1	1
1	1	1	0	0	1	1	1	1	1	0	0



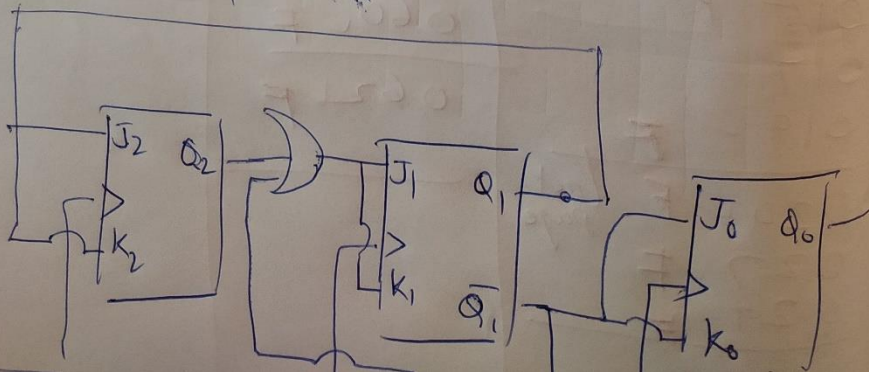
Curr	Next
000	011
001	010
010	100
011	101
100	111
101	110
110	000
111	001

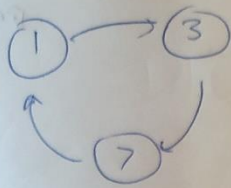


$$J_2 = K_2 = Q_1$$

$$J_1 = K_1 = Q_2 + \overline{Q_1}$$

$$J_0 = K_0 = \overline{Q_1}$$





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JK

P_1	$N_x F$	J_2	K_2	J_1	K_1	J_0	K_0
000	x x x	x	x	x	x	x	x
001	0 1 1	0	0	0	0	0	0
010	x x x	x	x	x	x	x	x
011	1 1 1	1	1	0	0	0	0
100	?	x	x	x	x	x	x
101	?	x	x	x	x	x	x
110	?	x	x	x	x	x	x
111	0 0 1	1	1	1	1	0	0

J_2

Q_2	Q_1	Q_0	
0	0	0	x
0	0	1	0
0	1	0	x
0	1	1	x
1	0	0	x
1	0	1	0
1	1	0	x
1	1	1	x

K_2

Q_2	Q_1	Q_0	
0	0	0	x
0	0	1	0
0	1	0	x
0	1	1	x
1	0	0	x
1	0	1	0
1	1	0	x
1	1	1	x

J_1

Q_2	Q_1	Q_0	
0	0	0	x
0	0	1	0
0	1	0	x
0	1	1	x
1	0	0	x
1	0	1	0
1	1	0	x
1	1	1	x

J_0

Q_2	Q_1	Q_0	
0	0	0	x
0	0	1	0
0	1	0	x
0	1	1	x
1	0	0	x
1	0	1	0
1	1	0	x
1	1	1	x

K_0

Q_2	Q_1	Q_0	
0	0	0	x
0	0	1	0
0	1	0	x
0	1	1	x
1	0	0	x
1	0	1	0
1	1	0	x
1	1	1	x

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