蓝笔为分析,又用写在试卷上

基载.

$$Q_1Q_0 = 01 \quad A_2A_1A_0 = 01 A,$$

$$G_1G_0 = \{o, A_2A_1A_0 = \{o, A_1, A_2\}\}$$

Α	В	Υ		
0	0	0 (=04)		
0	1	0 (= 04)	=)	Y= AB
J	0	0 (= 05 = B)		
١	ı	l (=D2)		

$$G_1G_0 = || A_2A_1A_0 = || A_1$$

Α	В	Υ		
0	0	0 (= D6 = B)		,
0	1	(=D ₆)	=)	Y = AB + AB' = A B
1	O	(= D7 = B1)		
1	l	o (= D)		

三、(15分)

(1)所有触发器的的钟输入均为同一CLK,则为同当时序逻辑、

沙里细的的, 个人感觉还不错.

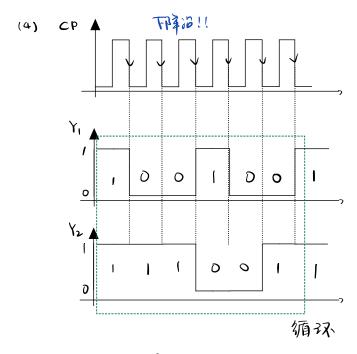
(2)
$$Y_1 = \sum m(0,3,6) = Q_2Q_1Q_0' + Q_2Q_1Q_0 + Q_2Q_1Q_0'$$

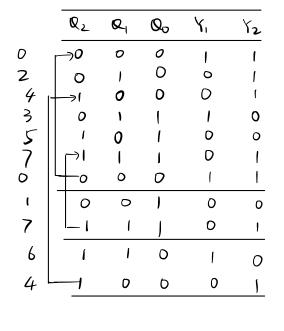
$$Y_{2} = \sum_{i} m(0, 2, 4, 7) = Q_{3}^{i}Q_{1}^{i}Q_{0}^{i} + Q_{2}Q_{1}^{i}Q_{0}^{i} + Q_{2}^{i}Q_{1}Q_{0}^{i+} + Q_{2}Q_{1}Q_{0} = Q_{1}^{i}Q_{0}^{i} + Q_{2}^{i}Q_{1}Q_{0}^{i+} + Q_{2}^{i}Q_{1}Q_{0}^{i}$$

(3) 强功方道:
$$J_0 = K_0 = Q_2(Q_1 \circ Q_0)$$
 $J_1 = K_1 = 1$

强动方道:	$J_0 = K_0 = Q_2(Q_1 \otimes Q_0)$ $J_1 = K_1 = 1$ $J_2 = Q_0 + Q_1$ $K_2 = Q_0 = Q_0$) Q ₁ (Q1Q0
桃态	$Q_{0}^{\dagger} = J_{0}Q_{0}^{\prime} + K_{0}^{\prime}Q_{0} = Q_{0}^{\prime} \left[Q_{1}(Q_{0}^{\prime} + Q_{1}Q_{0}) \right] + Q_{0} \left[Q_{1}^{\prime} + Q_{1} \oplus Q_{0} \right] = \sum_{\alpha} M(1,3,4,5)$ $Q_{2}Q_{1}^{\prime}Q_{0}^{\prime} \qquad Q_{1}^{\prime}Q_{0} + Q_{1}^{\prime}Q_{0}$	Q ₂ 00 01 11 10

$$Q_{1}^{\pi} = J_{2}Q_{1}^{1} + K_{2}Q_{2} = (Q_{0}+Q_{1})Q_{2}^{1} + (Q_{0}\Theta Q_{1})Q_{2} = Q_{0}Q_{1}^{1} + Q_{1}Q_{2}^{1} + Q_{0}Q_{1}^{1}Q_{2} + Q_{0}^{1}Q_{1}Q_{2} + Q_{0}^{1}Q_{1}Q_{2} + Q_{0}Q_{1}^{1}Q_{2} + Q_{0}Q_$$





(5) 为六进制计数器、