## 190410102 方花 数电常方章

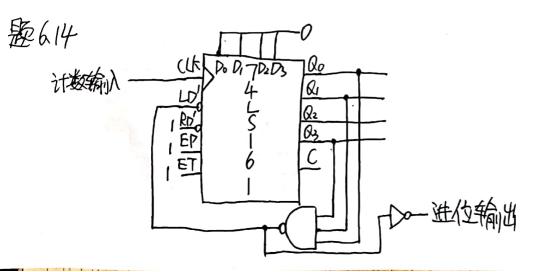
题6.10

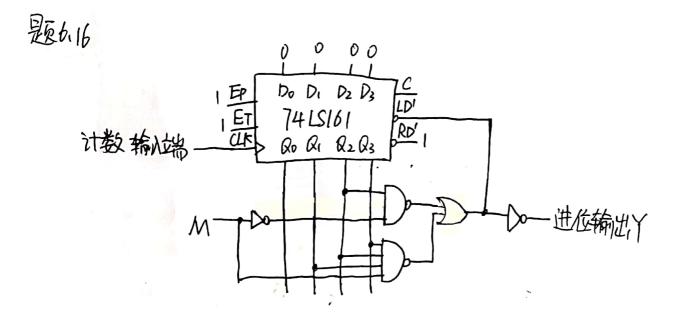
CLK	A3A2A1A0	B&B&BBB	CI	CO	S
01234	1001 0100 0010 1001 1100	0001 0000 0000 0000	000	0000	00 0

4/m钟德: A3 A.A.A. -1100

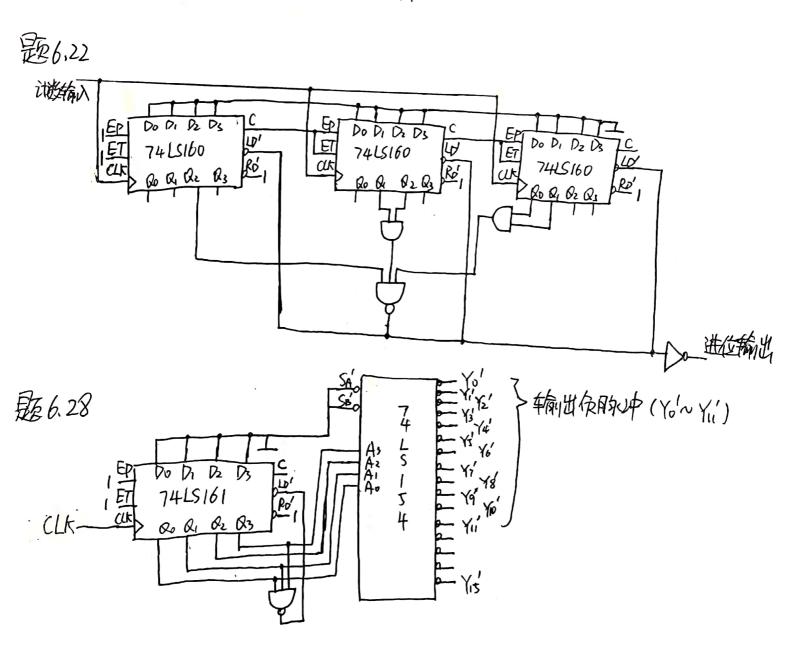
B3 B2B1B0=0000

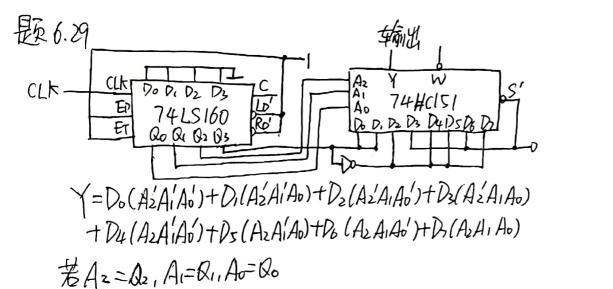
题6.12 当成二1 风二1 尽加二0 船置壓,到10→0/但10 排鏈状态,故外十进制计数器





题6.20 16x5+2=82 故键83进制谜路,两脸腿1谜制





 $Y = Q_{3}Q_{2}Q_{1}Q_{0}' + Q_{3}Q_{2}Q_{1}'Q_{0}' + Q_{3}'Q_{2}Q_{1}'Q_{0} + Q_{3}'Q_{2}Q_{1}Q_{0} + Q_{3}Q_{2}'Q_{1}'Q_{0}' + Q_{3}Q_{2}'Q_{1}'Q_{0}'$   $= Q_{3}(A_{2}'A_{1}'A_{0}') + Q_{3}(A_{2}'A_{1}'A_{0}) + Q_{3}'(A_{2}'A_{1}A_{0}') + O(A_{2}'A_{1}A_{0})$   $+ Q_{3}'(A_{2}A_{1}'A_{0}') + Q_{3}'(A_{2}A_{1}'A_{0}) + O \cdot A_{2}A_{1}A_{0}' + Q_{3}'A_{2}A_{1}A_{0}$   $P P D_{0} = D_{1} = Q_{3}, D_{2} = D_{4} = D_{5} = D_{7} = Q_{3}' - D_{3} = D_{6} = 0.$ 

## 聚630

CLK	Q2 Q1 Q0	RYG
0	000	0 00
2	0 (0	010
3	011	001
4	101	001
5	10	0 10
7	111	100

 $R = Q_2' Q_1' Q_0 + Q_2 Q_1' Q_0' + Q_2 Q_1 Q_0 = Q_2 Q_1' Q_0' + Q_2' Q_1' Q_0' + Q_2 Q_1 Q_0$   $Q_0 = Q_2 , Q_1 = Q_2' Q_2 = 0 \quad Q_3 = Q_2 , \quad A_{10} = Q_0, \quad A_{11} = Q_1$   $Y = .Q_2' Q_1 Q_0' + Q_2 Q_1' Q_0' + Q_2 Q_1 Q_0'$   $Q_0 = Q_2 , \quad Q_1 = 0, \quad Q_2 = 1 \quad , \quad Q_3 = 0, \quad A_{20} = Q_0, \quad A_{21} = Q_1$   $G = Q_2' Q_1 Q_0 + Q_2 Q_1' Q_0' + Q_2 Q_1' Q_0$   $Q_3 = Q_2 , \quad Q_{31} = Q_2, \quad Q_{32} = 0, \quad Q_{33} = Q_2'$ 

