## 答案

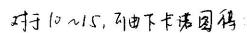
	-	<del>t.</del> 9980.				
 1. <u>21.375</u>	2. <u>10101, 101100</u>	3. 11010	011 (注意) 行	<u>; )</u> 4.	000/0011	00/0_
S. A. (A+B) = A.B	6. (A+B)·C·D	7 <u>S</u>	<u> </u>	<u> 11                                   </u>	2"	
864						
Ξ.						
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= ABC +BC+AC	. [	Fiのも诺	<u> </u>		•	
		公局码 F=C	<del></del>			
	44	7 MA F=C	•			
<u> </u>						
状态方程:		状态转移真	值表		状态图	
$Q_{2}^{n+1} = Q_{i}^{n}$	-	Qn Q n Q n	Qual Qual Qual	3	(000)	
$Q_i^{ntl} = Q_o^h$		000	0 0 1	0	1/0	
Q:41 = 1Y = AA.D. +A	A. D. + X A.A. D. + A. A.D	001	0 1 0		(001)	<b>\</b> 1
	and triangs trian	_ 1 _ 1	100	<u> </u>	10	010
	<del></del>	0	1 1 1	0	100	1/1
= QnR; + QnR.	_	100	0 0 1	0_	1/0	1/1
= Q, n O Q, n	_	101	0 1 0	<u>f</u> _	(110)	(101)
输出。程	_	1 10	1 0 0	0	(11)	/o
X Z= Qnench	斯过程同见。叶) -	111	1 1 1	0	1/0	
Ø					(011)	

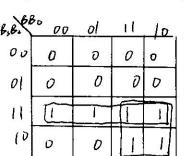
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11	二年制数				十进制 勤					
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18	1	0	Ū	i	0	1	1	0	0	0
19	[1]	0	0	Į	}		1	U	0	1

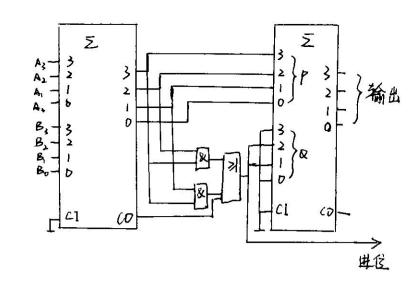
西位二甲制数与NBCD码对应表

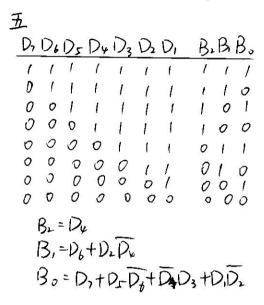
从表中可以看出,对于十进制数 10~19, 零零对二进制数 40~19, 10~19, 1000码。修正就是二进制数加上0110(即6), 其中10~19分两先,对于16~19,条件是 CO=1,

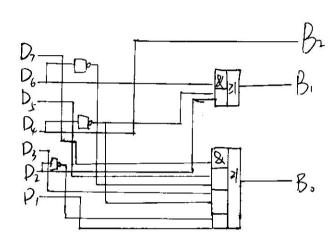


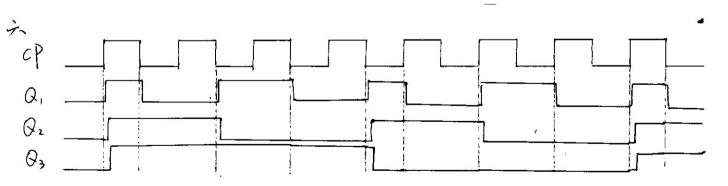


综上知, 亭期分加的多正必条件走 下= CO+B,B,+B,B









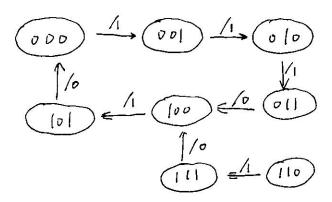
$$\begin{aligned} Q_3^{n+1} &= \overline{Q_3^n}, \ CP_3 &= Q_2^n \uparrow \\ Q_2^{n+1} &= \overline{Q_1^n}, \ CP_4 &= Q_1^n \uparrow \\ Q_1^{n+1} &= \overline{Q_1^n}, \ CP_7 &= Q_2^n + CP_7 \uparrow \end{aligned}$$

状态转移表 (用3个口触发器)

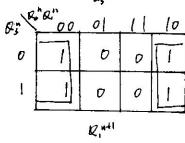
			_			1
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i	O	i	D	D	0	0
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1	ľ	l		0	0	0

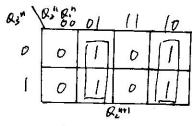
考虑解动,在Q\*Q\*Q\*为(10和11) 时煤低加状态,为简化电路,故如状态转移表设置

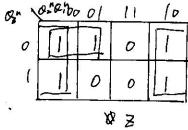
状态图



a, \	Q. Q. DU	01	t l	[0
0	0	0		0
1				7)
ا ص	'an	(Z54+)		







状态方程:

$$Q_{2}^{n+1} = \overline{Q_{2}^{1}} Q_{1}^{n} + Q_{2}^{n} \overline{Q_{1}^{n}} = Q_{2}^{n} \Theta Q_{1}^{n}$$

$$Q_i^{n+1} = \overline{Q_i^n}$$

$$Z = Q_1^n + Q_3^n Q_2^n = Q_1^n \cdot (Q_1^n + Q_2^n) = Q_1^n Q_1^n + Q_2^n Q_1^n$$

电路图 略

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