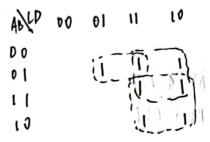
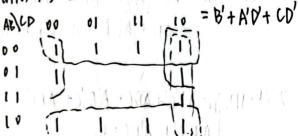
2.15



(3) 
$$Y_3(A,B,C) = 2m(1,2,3,7)$$
  
= A'B + A'C + BC.



于一块料 。 6、四位直接的建设68、而产二个 山麓的建设 本意図を終してといって、インドニア も、研想を選集

7.18. (0) \* 
$$Y = \overline{ABC} \overline{BC}$$
  
=  $\overline{(\overline{A+B+C}) \cdot (\overline{B+C})}$   
=  $\overline{ABC+BC}$ 

(b). 
$$\overline{A}+C+\overline{A}+\overline{B}+\overline{B}+\overline{C}$$
  
=  $(\overline{A}+C)\cdot(A+\overline{B})\cdot(B+\overline{C})$   
=  $(\overline{A}\overline{B}+AC+\overline{B}C)\cdot(B+\overline{C})$   
=  $ABC+\overline{A}\overline{B}\overline{C}$ 

(c). 
$$Y_1 = \overline{A\overline{B}} + \overline{AC\overline{D}}$$
  
=  $A\overline{D} + AC\overline{D}$ 

(d) 
$$Y_1 = \overline{AB + C \cdot (A \oplus B)}$$
  
 $= AB + C \cdot (A\overline{B} + \overline{A}B)$   
 $= AB + A\overline{B}C + \overline{A}BC$   
 $= AB + BC + AC$ 

HOUR THE SHELL THE PARTY

 $Y_2 = \overline{AB} \cdot \overline{ACD} \cdot \overline{ACD} \cdot \overline{ACD}$   $= \overline{AB} + \overline{ACD} + \overline{ACD} + \overline{ACD}$ 

7.70. (1).  $Y_1 = AB'C' + ABC + A'B'C + A'BC'$  A'B'C' + A'BC = 0. A' (BC + B'C') = 0  $\Rightarrow ABC : [00, [0], [10, [0].$  001, 010  $\Rightarrow 00 \text{ (b)}$  01 (c) 01 (c) 01 (c) 01 (d) 01 (d) 01 (d) 01 (d)

12).  $Y_2 = (A+U+D)' + A'B'UD' + AB'UD' + ABUD' + ABU$ 

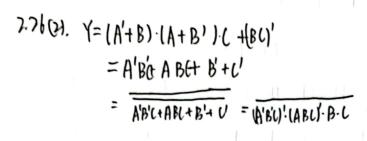
フルン Y= MM, Y= MM2 Y= Y, + Y2 = MM1 + M2 = 型紙財産相加.

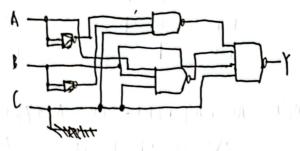
Y=Y<sub>1</sub>·Y<sub>2</sub> = ∑m<sub>1</sub>·≥m<sub>2</sub> 不对应的位 - 沒有形如 A·A'⇒0> 对应的位相乘仍等环身 ⇒ 保留 ⇒ 对应相采

 $Y''=Y_1 \oplus Y_2 = S_1 M_1 \oplus S_1 M_2$   $\frac{2}{5}Y_1 \cdot Y_1 + \frac{2}{5}Y_1 \cdot S_1 M_2 + \frac{2}{5}Y_1$ 

2.23.(1) Y= (AB+A'C+ B'D)·(AB'UD+A'UD+BCD+B'C). = AB'D+ UD+ AB'C. 10 00 01 = 11 11 10 10 ١ A'BCD+ ABCD. (AB'C'P+ A'BC + LD) = 10 11 00 01 11 10, 11.1 00 0 11 10 (3). Y= (A'D'+ C'D+ CD') & ( AC'D' + ABC+ A'D + CD) = AB'+ A'C+ AD+C'D' ABYP DO 01 v I Ð 1 1 10 (4). Y=(A'C'D'+B'D'+BD) & (A'BD'+B'D+BCD') = B'+ D+C. ABYP DO 10 11 10

7.75. {Y= Zm(0.8.9.10.11, 14.15) = B'C'D'+ AB' + AC Y= 2m(0.2.3, 6.7.10, 11,12,13,15) = ABC'+ AB'D'+CD+ A'C+ B'C Y3 = 5m(0,1.3.5.7,10,11,12,13,14,15) = A'B'C'+ AB+ CD+ A'D + A'C.





(3) \* Y = (ABC' + AB'C + A'BC)'  $\overline{Y} = ABC' + AB'C + A'BC$  Y = A'B' + A'C' + AB'C' + ABC = ((A'B')'A'C)'(AB'C')'(ABC)')'

