

## |科学院大学

University of Chinese Academy of Sciences

Y = ABC+ (A+8+c) (AB+AC+BC)' = ABC+ AB'C'+ ABC'+ AB'C. 4.3.

Yz = AB+BC+ AC.

这是丫金加器

COMP=1. Z=0时, Yi=Ai' 44

 $Y_2 = A_2$ 

Y3 = A2 @ A3

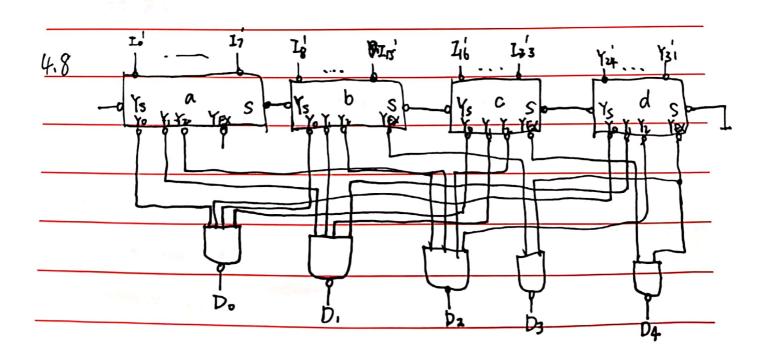
 $Y_4 = (A_2 + A_3 + A_4)'$ 

COMP=0, Z=0 BJ, Y=A,

Y2 = A2

13 = A3

· 6. Y4= A4





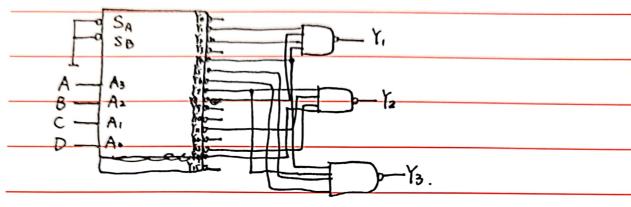
4.13

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Y,= m,+m2+m4+m8 = (m, m2 m4 m8') = (Y, Y2 Y4 Y8')

Y= m7 + m1 + m13+m14 = ( Y7 Y11 Y13 Y14')

Y3 = m4 + m5 + m6 + m7 = ( Y4' Y5' Y6' Y7')'



Ti = [0. N'M' + D. N'M + & NM' + & NM] . p' = NP'& 4.17

P73 12= N'PQ

=> Z= Ti+Yz= NP'Q+N'PQ.

Y= Do (Az'Ai'Ad)+ DI (Az'Ai'Ao) + Dz (Az'AiAd) + Dz (Az'AiAd) 4.19

+ D4 (A2A1'Ad) + D5 (A2 A1'A0) + D6 (A2A1Ab') + D7 (A2A1A0)

 $\Rightarrow \Upsilon = (A'B'C') \cdot O + (A'B'C) \cdot D + (A'BC') \cdot D' + (A'BC) \cdot I$ 

+ (ABC) + (ABC) · 0 + (ABC) · 1 + (ABC) · 1

