DEFINACIONAL ARCENTARIO ARCENTARIO ARCENTARIO 1. (1) 若 A=1, 例 A+B=A+C=1 BA-定等于C 刚不对.

12) 若 A = 0, 例 AB=AC=0 B水-定等于C 刚不对.

(3) 若 A=1, 刷 AB=AC为0或1取决于B,C

此时 B、C 必须保持相同的逻辑变量,包PB=C

若A=O,A)A+B=A+C为O或I取决于B、C

此时,B、C外领保持相同的逻辑变量,即B=C

2. (1) · (A+BC)(AB+C)

= AABTACTBCABTBC

(J=CA+B)Co+A+A)CO+A+A)S(O+A+A) = F

(4) ARTBCTABCTABC

= AB+BC+C+C)

= AB+BC

(5) (A+B+6)(A+C+D)) (3)

= (A+C) + (A+C) D+(A+C) B+BD

= A+C+BD

4.(2) F(A,B,C,D) = AB+BC+CD+DA

= ABCC+C)(D+D)+(A+A)BCCD+D)+(A+A)(B+B)CD

+ DALB+B)(C+C)

= ARCD+ ABCD+ ABCD+ ABCD+ ABCD+ ABCD+ABCD+ABCD+ABCD+ABCD+ABCD + ABCD + ABCD + ABCD + ABCD 6选 = ABCD + ABCD = m15 + m14 + m12 + m12 + m7 + m1 + m11 + m3 + m9 = m3+ m6+ m7+ m9+ m11+ m12+ m18+ m14+ m15 = E (3, b, 7, 8, 11, 12, 13, 14, 15) 8.12). Z= [4, [, 6, 7). = ABC + ABC + ABC + ABC 7 = (A+B+C)·(A+B+C)(A+B+C)(A+B+C) = T(4, 5, 6, 7) A+ OSA + 53 + JA (4) そ= 丁(0,2,4,6) (3). = (A+B+c) (A+B+c) (A+B+c) Z = ABC+ABC+ABC+ABC $= \Sigma(D, 2, 4, 6)$

16). Z = AB + ABD+(B+ CD)

= A+B+CD.

Date F= C(AB+AB) + C(AB+AB) $F' = [C + (A+B)(\overline{A}+B)][\overline{C} + (A+B)(\overline{A}+B)]$ =(C + AB+AB)(C+ AB+AB). = C(AB+AB) + C(AR+AB) 斯AB+AB=AR+AB - C (AB+AB) + E (AB+AB). 的 片为自对隔型数、