

班级: 计01 姓名: 冷逸到 编号: 2020010 品9 科目: 数电 第 1 页

2.6 (1) F= AB+(AB+AB+AB)c (2) F= (X+Y)Z+ XYW+ZW (3) F= AB+AC+BC

= AB + (A(B+B) + AB) C

= AB + (A+ AB) C

= AB + AC+ BC

= AB + AC + BC + BC

= AB+C

= (X+Y) 7+ (X+Y) W+ZW (己是最简)

= (X+Y) = ( X+Y) W

= XZ+YZ + XYW.

(4) F = AB + ABC + BC

= AB+ (AB+B) C

= AB+ AC+BC

= AB + AC

(5) F = AB + AC + BC + AD

= AB+(AC+BC+ AB)+AD

= (AB+ AB) + AC+ BC+AD

= A + AC + BC + AD

= A + BC + AD

= A + BC + D

(6) F- AB + ACD + AC+ BC

= (AB+BC) + ACD+ AC

= (AB+BC+ AC) + ACD+AC

= AB + BC + AC + AC

= AB+BC+AC