3.13) C.) (A'+B+D') (A'+B'+C') (A'+B+C) (B'+C+D') AB'D+ABC+ABC'+BC'D AB CD 00 00 11 10 16 20 => BC D + AB + AD 51 6 6 50 P 00 13/1+151 19 => /B'D'+A'B'D + A'CO + A'BO' -> / (B+D)(A+B+D')(A+C'+D)(A+B'+D) XIIO HOX IXII d)BCD+ABC+ACD AB/CD 11 10 90 90 20 => AB+ACD+BCD => B'D'+A'C'+A'D+AB'C' 13 1 191 191 -> (B+D) (A+C) (A+D') (A'+B+C) 3.15) a.) F(x, y, 2) = Z(0,1,4,5,6), d(x, y, z) = Z(2,3,7) b.) F(A,B,C,D) = 2(0,6,8,13,14), d(A,B,GD)=2(2,4,10) CD 00 01 11 = B'D'+ABC'D+ CD' 13/10/15

(4.) a) T\_= B C, T\_2 = A'B, T\_3 = A + B'C, T\_4 = BD' + B'D => F, = T3 + T4 = A+B'C+BD'+B'D => F2 = T2 + D' = A'B+D' ABC T 3 Tz T4 0.0 0 0 11 00 0 1 1 xIS Is MIXO 0 0 -22-D D F2: = (0,3,6,1) = 5(1,3,4) 186 2 +AB CD 111-12- AB AB 00 01 00 00 30 2/1 FI=ABD+ABD+CD+ADBAFZ=D+ + BBABB

