0.15 The set of all integers equal to and added to n Inductive Step: n= K+1 Induction Hypothesis each of the Strings backwords / reversed Buse: Ronge = £6,7,6,9,103 HW1 F(4)= 7, 50 Set TH2 = 5 RH5= 1 = 1 7: LHS = RHS of all strings made up of 0s and 15 and (5,6)(5,9)(5,8)(5,9)(5,10) 3 (a, 6) (2, 1) (8, 6) (1, 6) (4, 6) (4, 6) (4, 6) (8, 6) (8, 6) (8, 6) (8, 6) 1=1 ((H) +-LHS: g(4, f(4)) = g(4,7) = 8 2)(1,4)(1,9)(1,10) i= K(K+1) IT K (KH) DEK [=1 (K+1)((K+1)+1) = { K+1 (K+1)(K+2)

(K+1)(K+a)

(大生)(大 Buse: n=1 Induction Hypothesis: n= K Inductive Step: n= K+1 K(K+2) + 1 (R+A) (K+A) RHS: X+1 CKH) CKH) 大子 大十大十二 (KH) (K+2) LHS = RHS (X+1) (K+2) RHS: LHS: LHS I RHS (K+1)+1 [H5: 13+33+...+ (K+1)3 = [1+1] (KH) K(K+1) 13+3+33+ K-(K+1) + (K+1) = 大さる Kt K(K+1) + (K+1) Kat akt 大七日 大十 (K+1)(Kta) (K+1) (K+a) 2 + 11(K+1) + (K+1)3 =

