

=> axo +6 the least upper bound of to => => sup (M) = a sup (S) +6=> => xyp(3)+6) = a xyp(3)+6 2) let a, ber (3) VEV(a) and VEU(6) pt UnV=P U & U(a) => (J)E, 70 s.T. U=(a-E, a+E,) = U(a) VEU(6) => (3) E2 >0 st V = (6-E, b+E, ) = 27(6) Let a = -2 and 6 = 2 | = > = ) Thy= Ø 3) LA A= (0,1) DQ in A=0, xup A=1, int A=Ø, clA=[0,1] XER is the infimem of A = > G (V) a EA, X & a= ) E(V) melle(A), X zu (1) = (-0,0] =, (Y) a ∈ A, 0 ≤ a = ramp A = 0 XER is the supremum of A= S(4)a EA, X = a, X EulcA) (CY) er E worth 2 X en ent (A) = [1+20]=) (V1a CA, a & 1=) xep (A) =1

int A = {x ER/(B)VEVCX), V = A? (3) VEV(X) = , (3) E > 0 P. H. T = (X-8, X+E) CA How A= (0,1) n Q is a grational set => => (B) E70 O.t. V = A => int A = \$ elA= (XERKI) VEU(X), VOA # 09 How A is a rectional set => (4) & 70 A.J. V=(X-EX) V \$ A = 1 & A = LO, 13