Week 3 N plagus; nr is stratigy of other plagues ky as given $N_1(x_1,x_2) = x_1(1-(N-1)x_2-x_1)$ $\frac{\partial V_1}{\partial v_1} = \left(\frac{N-1}{N} \right) v_1 - 2v_1 = 0$ $x_{l} = 1 - (N^{-1}) \times 2$ m = 1- (N-1) m 0,0 0,0 13,0 20 1,0 braess laradox 2 can go via route ACB 2 1000-n cars go via route =) n = 1000/2 = 500i. Trad time by either soute = 500 +15 If they take the route ACEDB, travel fine = 100 +2 + 100 = 10+2+10 = 22 mins Travel time via AlB in new suranio. = 10+15 = 25 Median Voter Theorem N.E. no cincentive to Write 1/2 3/4 81, 82 Have in centre to durate to in crease 215 vote store at policy position O. By symmetry, it 1 1 1 both P, & P2 at 1/4, they have the same in centre to Again try have the same in centre to buroti.