average number of infecteds versus time p1 = 0.00 , p2 = 0.10 , $\beta = 0.3$ p1 =0.00 , p2 =0.30, β = 0.3 p1 =0.00 , p2 =0.50, β = 0.3 p1 =0.00 , p2 =0.70, β = 0.3 80 -- p1 =0.00 , p2 =0.90, β = 0.3 60 -£ 40 .′ 20 -0 50 200 250 100 150 300 0 time