

MTH 452-552/Winter 2013, Assignment 4

1. (452-552) Solve 6.3
2. (452-552) Solve 6.5
3. (552, extra for 452) Recall the θ method from HW3, # 1. Plot the absolute stability regions for several values of θ (at least five) to show how that region transitions from that for $\theta = 0$ through $\theta = 1/2$ to that for $\theta = 1$.