ECE/CS 598NV
Special Topics (Distributed Algorithms for Wired and Wireless Networks)
Fall 2009

Homework 3
Total points: 15 Due: 11:00 a.m. on October 6, 2009

1. (5 points) Exercise 5.3(a) and (b) in the textbook.
2. (5 points) Exercise 6.5 in the textbook.
3. (5 points) If at most f nodes may suffer Byzantine failures and at most t other nodes may suffer crash failures, determine a tight lower bound on the number of processors necessary to achieve consensus. Assume a synchronous model.