

Homework 4

Due Date: Tuesday, May 24, 2005

Points: 100

Some questions ask you to justify statements made in proofs, or to prove statements. Please make your justifications rigorous rather than justifying what is happening at a high level.

1. (10 points) Text, section 6.8, exercise 2
2. (20 points) Text, section 6.8, exercise 10
3. (30 points) Text, section 7.8, problem 1
4. (30 points) Text, section 7.8, problem 3
5. (10 points) Text, section 7.8, exercise 5