

Homework 3

Due Date: Thursday, May 5, 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. (20 points) Text, section 4.11, exercise 7
2. (30 points) Text, section 5.8, exercise 9
3. (20 points) Text, section 5.9, problem 12
4. (30 points) Text, section 6.8, problem 1