

Math 444 Fall 2006
Newberger

Homework 5: Section 4.2

Due Tuesday, October 3

- I. (10 points) Page 93 #3.
- II. (10 points) Page 93 #4.
- III. (10 points) Page 94 #7.
- IV. A. Read Theorems 1.3 and 1.5 in Chapter 1. Compare their statements to Theorems 4.5 and 4.7 in Chapter 4. (You do not need to write anything up for this.)
B. (10 points) Prove Theorem 4.7 page 93.