

MATH 4000/6000 Problem Set 10
Due Thursday, November 13

Problems to work but not turn in:

Chapter 4, §1: 10, 14
Chapter 4, §2: 1
Chapter 4, §3: 1, 2

Problems to turn in:

Chapter 4, §1: 16, 19 (In problem 16a, the ideal is \mathcal{J} , and in 16b the ideal is \mathcal{I} .)
Chapter 4, §2: 3 a d f, 5, 11, 13, 16
Chapter 4, §3: 5

Challenge problems (required for MATH 6000):

Chapter 4, §1: 22
Chapter 4, §2: 20