

Math 140a Fall 2015 Homework 9

Don't hand in; but finish by Friday December 4 by 5pm

Final homework is for home only

This homework is being assigned on Friday November 20; so you have two full weeks to work on it, though we will not finish covering all of the topics involved in the problems on this homework until Monday November 30.

The grader for this class cannot work during finals week. So you will not hand in this homework, and the homework score will be based on the best 7 of the first 8 homework scores. You should still do the problems on this homework by Friday December 4 in order to prepare for the exam.

Reading

Read the section on connected sets from Chapter 2 and finish reading Chapter 4.

Assigned problems from the text:

Chapter 2: #19, 20

Chapter 4: #1, 8, 14, 15, 16, 21, 22

Additional problem

A. Finish Chapter 4 #18, which you did most of on the previous homework, by showing that the discontinuities at rational points are simple.