Math 630, Fall of 2018
Real Analysis-First Semester

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Text for the Course

Real Analysis (Fourth Edition, 2010) by R.L. Royden and P.M. Fitzpatrick

Office Hours

I will have office hours each Monday, Wednesday and Friday between 1.00 and 2.00. I can also schedule office hours by appointment, if the regular times don't work for you.

Exams and Grades

There will be two in-class exams, on Monday, Oct 8 and Monday, Nov 12. There will be final exam on a date to be determined between Dec 11 and Dec 14. The problem set grades will play a significant part in the determination of your grade.

Homework Assignments

We will have a problem set due each Monday and it will be returned graded within a week. Thinking seriously about the problems is the principle way to learn real analysis. Homework Assignments will be provided at least one week ahead of their due date at

Homework1: due on Wednesday, Sept 5:

Chapter 2: Problems 1,5,8,11,14,15

Homework 2: due on Monday, Sept 10:

Chapter 2: Problems 18,19,20,24,27,28

Homework 3: due on Monday, Sept 17:

Chapter 2: Problems 29,32,33,37,41,42,43

Homework 4: due on Wednesday, Sept 24:

Chapter 3: Problems 4,9,13,22,29