

## HOMEWORK 4 MATH 104, SECTION 4

**Office Hours:** Tuesday 2:30-4pm and Wednesday 5:15-6:45pm at 735 Evans.

**Nima's Office Hours:** Monday 8-12, Tuesday 9-12 and Wednesday 9-11am at 1010 Evans.

### PROBLEM SET

Submit your homework at the beginning of the lecture on Tuesday. A select number of problems will be graded. *Late homework will not be accepted under any circumstances.*

You are encouraged to discuss the problems with your classmates, but you must write your solutions on your own and acknowledge collaborators/cite references if any.

Write clearly! Mastering mathematical writing is one of the goals of this course.

You have to staple your work if it is more than one page.

#### **Due September 24:**

- Ross, Exercise 10.4, 10.6, 10.8, 10.12
- Ross, Exercise 11.2 for the sequences  $(a_n), (b_n), (d_n)$
- Ross, Exercise 11.8, 11.10
- Ross, Exercise 12.2, 12.4

### READING

There will be reading assigned for each lecture. You should come to the class having read the assigned sections of the textbook.

**Due September 24:** Ross, Section 11

**Due September 26:** Ross, Section 12