• Final exam is Monday December 17 in room 32-144.
• Exam will be out of 200 pts.
• Material from 11/17 on (that is sequences and series) will receive a slightly greater representation on the exam than the rest of the material.
• You may not use any books or electronic devices on the exam. You may, however, bring one 8\frac{1}{2} by 11 piece of paper (both sides) of notes.
• For this and every other math exam that you ever take in the future, it is assumed that you are able to state all definitions and major theorems quickly and easily. It is also assumed that you can give a few simple examples and counter examples of basic concepts.
• In your studying, you must do practice problems on your own. Do not just read the solution without trying the problem yourself. It is easy to persuade yourself you understand more than you do this way.
• Read the textbook. If you absolutely must skip some of the reading due to a lack of time, skip material that was not emphasized in lecture first. If you get totally stuck on a difficult proof, it might be better to move on so that you can study more of the other stuff.
• I do not expect you to memorize proofs. However, I do not promise not to ask you to prove a theorem on the exam, provided that it isn’t too difficult. Regardless, memorizing proofs is probably not the best way to study.
• When reading proofs, think about the methods and tricks being used, and incorporate them into your toolkit.
• You may use any theorem or fact proven in lecture, the problem sets, the exams, or the book, provided it does not trivialize the problem.
• The exam problems will look like problems from the psets and the midterms. Looking over these problems is a good way to study.