Math 4452. Spring 2020. Information about the first midterm.

The first midterm will be given on Wednesday, February 26th, in class. It will cover the material from Lectures 1-9 (up to and including the lecture on Feb 12), Homeworks 1-5 and the following parts of the book: Chapters 1,2,4, section 3.1 and relevant parts of sections 5.1 and 5.2. The exam will contain between 4 and 6 problems, probably involving both (primarily) computational problems and proofs.

As part of preparation for the midterm, you should go over class notes and homework assignments, with particular attention to the problems you missed. It will be very helpful to know all the definitions and theorems from class off the top of your head by the time of the exam – if you do, you will have much more time to think about the actual problems. I do not expect that you will remember all the proofs from class and homework, but you should know and understand the main techniques from those proofs as it is likely that similar techniques will be needed to solve midterm problems.

It is strongly recommended that you try additional problems from the book. Do not underestimate the importance of standard problems, like finding a GM or a PCM. It is essential that you **clearly** know how do these problems and able to do them fast, so that you have more time for other problems.