Math 416: Midterm the Third

Date/Time/Location: Wednesday, April 17 in the usual class time and location. You **must** take the exam in your officially registered timeslot unless I have given you permission to do otherwise.

Office hours: For the week of April 15, I will have the following special schedule:

- Monday from 3:30–5.
- Tuesday 3:00–4:30.
- No office hours on Wednesday and Thursday.

Test format: The format will be the same as the other midterms. That is, the test will have a mix of computational, conceptual, and proof-based questions. Overall, the questions will be similar to, but on average easier than, those on the homework assignments. I will not ask you to repeat proofs of theorems covered in class.

Cheat sheet: You may bring one sheet of standard US letter or A4 paper to the exam, on which you have written, printed, or copied anything that you think will be helpful. You can use both sides, but must be able to read it without a magnifying glass, microscope, or suchlike aide.

Material covered: Fair game is anything from

- Lecture up to and including Wednesday, April 8.
- Sections 3.1, 4.2, 4.3, 5.1, 5.2, 5.3, and 6.1 of [FIS].

The most important material is that which appeared in lecture or on the homework.

Study resources: The course webpage, which is http://dunfield.info/416 contains scanned lecture notes and solutions to selected HW problems. I will post solutions to HW 9 after class on Friday.

Practice exam: I have posted the exam I gave in this class in 2016 with solutions.