Mathematics 427 — Honors Abstract Algebra

Charles Rezk
Fall 2017

About the course

This is an honors course in abstract algebra. We will cover the typical material covered in Math 417 (groups and rings), together with some additional topics.

Time and contact information

- **Time and place:** Section C (10:00 MWF in 343 Altgeld).
- **Instructor:** Charles Rezk
- **Office:** 242 Illini Hall
- **Email:** rezk@math.uiuc.edu
- **Webpage:** [http://faculty.math.uiuc.edu/~rezk/427-fal17](http://faculty.math.uiuc.edu/~rezk/427-fal17)
- **Office hours:** TBA.

Resources

I will not use a textbook for this course. I will post updated versions of my lecture notes to the course homepage.

There are a number of textbooks covering this material which are available online. I will list some of them on the course homepage, as alternate references.

Format and requirements

The class will be lecture and discussion based. Attendance of lectures is expected.

There will be:

- Weekly problem sets (**PS**) will be due at the beginning of class once a week. Late homework will not be accepted without a valid excuse (i.e., documented medical issue or emergency). In each assignment, only a few problems will be thoroughly graded. The lowest one PS score will be dropped.

- Occasional in-class quizzes (**Q**), at discretion of instructor.

- Two in class midterm exams (**M**).

- A final exam (**F**), at the time the University has scheduled for our class: Monday, December 18, 7-10pm.
Policies and Grades

Discussion with other students about homework problems is allowed and encouraged. However, all written work turned in should be your own, not copied from someone else. If you use significant ideas from someone else, or from a source other than our textbooks, you should cite the source.

Your final grade is based on the following weighing.

- Weekly problems and quizzes: 35%
- Midterms: 30%
- Final: 35%

Grades will be posted on the Moodle page for the course.