

**UPDATED GENERAL INFORMATION — NOVEMBER 13, 2007**

Here is the the sixth homework assignment, which is due in class on **Monday, November 26, 2007**. As usual, all references (including section numbers) are to the file `math133exercises3.pdf`.

- **Section III.4:** 2, 3
- **Section III.5:** 2–6
- **Section III.6:** 1–3, 6, 7

*Second examination*

As noted in class, this will cover Sections II.3 through III.4, but as usual in mathematics courses background from earlier parts of the course is likely to be covered in some form. Files with inserts to the course notes are considered part of the material covered, as are the files of exercises and solutions (including the file `concurrency.pdf`). Here is a rough breakdown into the types of questions; some problems on the exam may have parts of different types.

- (1) **Statements of definitions, assumptions or results.** Approximately one fourth of the exam.
- (2) **Giving reasons for certain conclusions, but not necessarily full formal proofs.** Approximately one fourth of the exam.
- (3) **Proving statements at the level of relatively uncomplicated homework exercises.** One fourth of the exam.
- (4) **Working out examples which illustrate basic definitions, assumptions or results.** One fourth of the exam.

There may be an opportunity to earn extra credit for doing something more challenging than the regular problems on the examination.