Writing Assignment 1

Task. Write a brief introduction to a mathematical topic of your choice.

Requirements. Your first and final drafts must

1. be on a topic that is *not* that of a section or a subsection of the course lecture notes,

2. be at least two pages long (not including an optional bibliography and title page) using standard 10-point font and margins at most as wide as those provided by the `fullpage` package,

3. include at least three definitions,

4. include at least three proofs,

5. include at least three sections, including an optional introduction section.

Due dates

first draft	Fri, Mar 7
peer feedback	Mon, Mar 17
final draft	Tue, Mar 25

Assessment. There are fifteen total points. Thus, each point is worth 1% of your final course grade.

	criterion	*points*
first draft	submitted on time	1
	includes all requirements	3
peer feedback	submitted on time	1
final draft	submitted on time	1
	layout and structure	4
	quality of mathematical writing	5

You will *not* be assessed on the sophistication of the mathematics on which you are writing. Indeed, the mathematics may be trivial (e.g. introduction to addition, introduction to the natural numbers, etc.). You will *only* be assessed on the organization of your document and on the quality of your mathematical writing.

Example topics. To find a topic or a source for a topic, you can

1. look through the Case Studies in the course syllabus,

2. look through any math textbook,

3. search online for "introduction to [topic]", "notes on [topic]", or "lecture notes on [topic]".