

# Algebra and Combinatorics 1 Notes

School of Mathematics Students

September 27, 2015

## Preface

This is a shared collection of notes for Algebra and Combinatorics 1. Please visit

<https://www.github.com/UoB-Mathematics/Year-1-AC> to find out more, and to see other modules. You can contribute to this document by:

- Editing the  $\text{\LaTeX}$  document you wish to contribute to, then submit a pull request to <https://www.github.com/UoB-Mathematics/Year-1-AC>.
- Creating a new chapter, placing the  $\text{\LaTeX}$  file in the `tex` folder, and adding a line to `Notes.tex` such as `\input{./tex/MY_CHAPTER.tex}`

Here are some points to follow:

- For the purposes of version control, please try to put each sentence on a new line. ( $\text{\LaTeX}$  treats a single new line as a space, so inserting these extra spaces won't affect the display of your document).
- Place any package imports in `Notes.sty`.
- If you wish to contribute, try to make fairly small changes, and then submit a pull request.
- Use hyphens instead of spaces in your file names, e.g. `My-File.tex` instead of `My File.tex`
- Follow the current naming convention for files/chapters. For example, if the current file names are `1-Alpha`, `2-Beta`, then you should name your file `n-FILENAME`.

# Contents