

zpaper.sty: A Stylefile for Papers in \LaTeX

Luís Cabral
New York University
luis.cabral@nyu.edu

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1. Introduction

This note exemplifies the style `zpaper.sty`, which is intended for writing papers and works on top of \LaTeX 's article document class. Feel free to use this style file. If you have trouble finding it, or if you are looking for an up-to-date version, or if you have any question, feel free to write me at luis.cabral@nyu.edu

The style `zpaper.sty` is primarily about re-formatting the article document class.

- Title command (sansserif font, left adjusted)
- Section, theorem, table and figure commands (sansserif font, dot after number; in case of table and figure, number and caption are left adjusted)
- Footnotes. See example below (firstfootnote command) as well as on the next page.
- Proof environment (see example on next page).
- Margins (`0.25truein`, which I think looks better)

Before continuing, the always-needed disclaimer: I do not claim that everything in the style file `zpaper.sty` works perfectly and will not be responsible for all the time you may waste working with this. That said, I should add that the file `zpaper.sty` is so small that it can actually be included in your paper's preamble. Alternatively, do as I do in this file: import the file `zpaper.sty`. (Note: if you work off of this file, you must change the file path to `zpaper.sty` accordingly.)

2. Examples

Below I present a few examples of how this actually comes out: a table, then a proposition, a proof, a footnote.

One of the style's features is a first-footnote. It does not require any symbol on the title or author's name. It simply appears at the bottom of the first page.

Table 1

Example of a table caption

a	1
b	2
c	3
d	4
e	5

Proposition 1. *This is an example of how a theorem is formatted.*

Proof: This would be the proof of the proposition. Since I'm including it right after the text of the proposition, I use the proof environment without any of its optional arguments. Contrast with the Appendix below. ■

3. Conclusion

That's essentially it for `zpaper.sty`.¹ If you have any suggestions for improvement, please let me know. Also, I have quite a number of additional style files like this one: `zmain.sty`, `zstile.sty`, `zsyllabus.sty`, `zplot.sty`, `zcase.sty`. I will be happy to share these with you.

Appendix

Proof of Proposition 1: If you are placing the proof of a proposition in an appendix, you want to refer its number. Use the optional arguments of the proof environment for this purpose. ■

1. The `zpaper` style changes the general footnote format. First, the footnote number appears to the left of the footnote text. Second, the text is placed in `raggedright` format.