

# INSTRUCTIONS FOR THIS LATEX FORMAT FOR DISSERTATIONS AND THESES

## Commands to generate thesis.pdf

These files include many types of illustrations, including those drawn with PSTricks. For that reason, .dvi files do not display correctly. In order to use this set of format files, use the following commands \* to generate thesis.pdf.

1. **LaTeX**: generates a dvi file - don't worry that pictures don't display correctly.
2. **dvi→ps**: generates a ps file which displays correctly.
3. **ps→pdf**: generates a pdf file which could be submitted to the Graduate School for its digital library entries.

\* Icons are available for these commands in editors like Kile in Linux or Lyx in Windows.

Or, you can type in the following commands consecutively yourself,

```
latex thesis.tex
latex thesis.tex †
dvips -f -Pcmz < thesis.dvi > thesis.ps
ps2pdf thesis.ps thesis.pdf
```

† This second time latex compilation is only needed when you add/delete theorems, tables, figures, and references and so on, which may change the labels of the above items.

**Warning:** we must generate thesis.ps first. File thesis.pdf cannot be directly directly by pdflatex, since we use pstricks to draw figures.

## List of files

The following are the .tex and .sty files for thesis template. Copy into your local directory and compile them with the above commands.

1. **thesis.tex** contains abstract, acknowledgement, references, and vita.
2. **intro.tex** appear in Chapter 1 in thesis.pdf
3. **chap1.tex** appear in Chapter 2 in thesis.pdf, since we put intro.tex as the first chapter in table of contents, you may use any name that is meaningful.
4. **chap2.tex** appear in Chapter 3 in thesis.pdf
5. **chap3.tex** appear in Chapter 4 in thesis.pdf
6. **chap4.tex** appear in Chapter 5 in thesis.pdf
7. **chap5.tex** appear in Chapter 6 in thesis.pdf
8. **sampleCCode.tex** appear in Appendix A in thesis.pdf
9. **sampleMathCode.tex** appear in Appendix B in thesis.pdf
10. **setspace.sty**
11. **thesis.sty**

Comments and suggestions are welcome.