PHYS:7730 Instructions for Typesetting Annotated Bibliography and Literature Review

You all are free to complete the annotated bibliography assignment and final project in whatever format you wish, but I highly recommend that you use LaTeX and BibTeX to complete these assignments. These are valuable software tools for scientific writing, and will save you a tremendous amount of effort in writing your Ph.D. thesis as well as publishing papers over your scientific career.

Annotated Bibliography Example and Template:

1. On the class website are two source files for LaTeX and BibTeX to create an example annotated bibliography:
   (a) `7730example_annbib.tex`: This is the LaTeX source file for the example annotated bibliography.
   (b) `example_annbib.bib`: The BibTeX entries for each of the references used in `7730example_annbib.tex`. Most of these BibTeX entries are obtained from the NASA ADS digital library. At the top of this file are some abbreviations for journal titles.
2. To typeset this LaTeX file using the command line of a Unix/Linux system on which LaTeX has been installed, type following commands:
   ```
   latex 7730example_annbib.tex
   bibtex 7730example_annbib
   latex 7730example_annbib.tex
   latex 7730example_annbib.tex
   dvips -o 7730example_annbib.ps -t letter 7730example_annbib.dvi
   ```
   This set of commands will generate a postscript file `7730example_annbib.ps`. You can convert the postscript file to a PDF file using
   `ps2pdf 7730example_annbib.ps`
   The PDF generated by these commands is posted on the class website, `7730example_annbib.pdf`.
3. A stripped down version of this example that you can use as a template to write your own annotated bibliography is provided in the file `7730template_annbib.tex`, with the corresponding template BibTeX file `template_annbib.bib`. These can be typeset using analogous commands to those above.

Literature Review Example and Template:

1. On the class website are two source files for LaTeX and BibTeX to create an example annotated bibliography:
   (a) `7730example_litrev.tex`: This is the LaTeX source file for the example literature review. This example is a portion of the introduction to my own Ph.D. thesis.
   (b) `abbrev.bib`: A list of journal title abbreviations to use with BibTeX.
   (c) `example_litrev.bib`: The BibTeX entries for each of the references used in `7730example_litrev.tex`. Most of these BibTeX entries were written by hand (not recommended). At the top of the file is a list of journal title abbreviations to use with BibTeX.
2. To typeset this LaTeX file using the command line of a Unix/Linux system on which LaTeX has been installed, type following commands:
   ```
   latex 7730example_litrev.tex
   bibtex 7730example_litrev
   latex 7730example_litrev.tex
   latex 7730example_litrev.tex
   dvips -o 7730example_litrev.ps -t letter 7730example_litrev.dvi
   ```
   This set of commands will generate a postscript file `7730example_litrev.ps`. You can convert the postscript file to a PDF file using `ps2pdf 7730example_litrev.ps`
   The PDF generated by these commands is posted on the class website, `7730example_litrev.pdf`.

3. A stripped down version of this example that you can use as a template to write your own annotated bibliography is provided in the file `7730template_litrev.tex`, with the corresponding template BibTeX file `template_litrev.bib`. These can be typeset using analogous commands to those above.

Note that all of the files above may be downloaded as a single tar archive in the file `7730templates.tar`.