

Final Project/Quiz

Due Date: May 1

Purpose

This project will allow you to practice creating a research paper, formatted with \LaTeX . The paper incorporates text, mathematical symbols, tables, and both raster- and vector-based figures. Finally, you will also get familiarity with JabRef, a tool for creating a bibliographic database, and incorporating that information into the \LaTeX document using `bibtex`.

Problem

You have written a scientific article, but now you need to format it to the journal's specifications. Starting with just plain text, you will use \LaTeX and some figures to create the beautiful, final paper.

Input

Use the file `thinplateStart.tex` from the course web page. Two of the figures are also available on the page as PostScript files.

Output

Create a PDF of your formatted paper. It should copy as closely as possible the research paper found on the course page.

Specifics

- Use \LaTeX to format the paper.
- Fill in math equations as shown in the sample paper.
- Use `bibtex` and JabRef to create the references section of the paper.
- Your name should appear as the author of the paper.
- Use `xfig` to create the diagram that is not included on the course web page.

Notes

- Watch for small mathematical expressions within the text.
- Be sure to fill in all citations and references to figures.
- Turn in your completed PDF to Canvas by the due date. Name your file as in `mgousiePaper.pdf`.