



LaTeXⁱ is a professional program for mathematical typesetting. The TeX program is open source, but difficult to install. We are using a Windows installation called MikTeX along with an editor called TexMaker. You first will download and install these two pieces of software. Both are freeware. MikTeX is available at its own site www.MikTeX.org ; TexMaker is available at <http://www.xmlmath.net/texmaker/download.html> . Install MikTeX first. Reference for figures

Today, your goal is to write up one of your homework exercises using LaTeX. As a guide I have provided you with both the completed LaTeX file and output of solutions to the Midterm exam. I also have made available at our website a template for a LaTeX file.

Begin by calling up in TexMaker the document that I emailed you. It is called m37508lat.doc. I have provided hardcopy of the output. Read through both simultaneously so that you can observe both the LaTeX commands and the output they produce.

Publishing your document requires two steps. First, click on the PDF/LAT button  at the top of TexMaker to compile the LaTeX file. If there are no errors, then click on the Adobe button  next to it. TexMaker will produce a pdf file that you can save or print.

As you are building your own LaTeX document, you should compile it at each step to help locate errors.

ⁱ My thanks to Marlow Anderson for helping prepare this exercise.