Homework 5: Figures in LaTeX

Due Date: Noon, 19 October 2009

This assignment has two parts. Both parts should be submitted in .tex and .pdf formats through the Stellar course website.

1. In this assignment, we would like you to learn how to embed a *figure* into a LaTeX file. This is, unfortunately, one of the areas where LaTeX is still kind of a mess to use. It's also one of the areas where the way in which you include a file is compiler-dependent (meaning, for example, that users of TeXnic Center will need to do something different than users of Kile). This webpage is a comprehensive (but not overwhelming) introduction. There is an environment in LaTeX that will help you called *figure*, and within this environment you will use \includegraphics. You can see the Art of Problem Solving website for more about the figure environment.

   You may create your figure in Mathematica, Matlab, xfig, GIMP, Acrobat, Photoshop, or even Paint. Your figure should be used to describe something mathematical. Feel free to take the opportunity to write about your favorite math subject. You will primarily be graded on the attractiveness of the embedding of your figure.

2. TeX up one of the solutions (your choice) to your regular 100B/C problem set from the assignment due Friday, October 16. (This will be part of every future recitation homework assignment.)