Math 290
Week 6 Lab

Instructions: Use LaTeX to typeset a document containing each component described below. Turn in your lab by emailing it to jamesju@mnstate.edu. You should email both your raw TeX (.tex) file and your compiled document (in .pdf form). This assignment is due by 4:00pm next Monday. You will be graded on both your raw TeX code and the accuracy of your compiled document.

- Set up the page layout and add a Title Block as you were instructed to do in your previous labs.

- Make sure to call the following packages: "amssymb", "amsmath", "graphicx", "pstricks" , "pst-text", and "pst-grad".

- Use appropriate scaling and/or rotating commands along with page spacing and/or tabular commands to include the following graphics, based on the files provided on the course website:
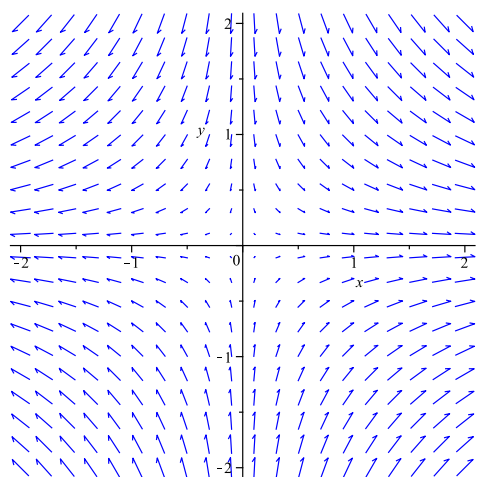

- Use Postscript commands to add the following curve to the "smallgraph" grid:
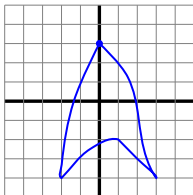
   Hint: Use the following points: $(0,3)(1.5,1.25)(2.5,-3)(2.99,-3.99)(3,-4)(2,-3)(1,-2)(.99,-1.99)$ $(-.5,-2.5)(-1.99,-3.99)(-2,-4)(-1.99,-3.3)(-1.35,0)(0,3)$

- Download and open the Maple worksheet "bleh2.wks". Export the graph contained in this worksheet as an .eps file and include this file as shown below:

- Use Postscript commands to add the graph of the function $f(x) = |x - 3|$ to the "largegraph" grid:
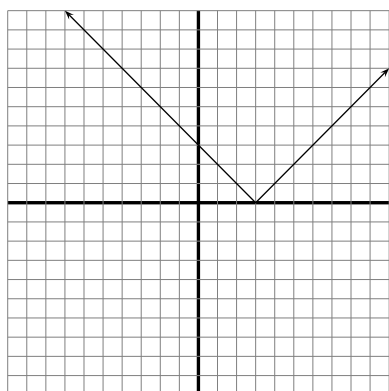
- Include another graphic of your own choosing in the space below:

Note: If you have not already done so, don't forget to submit the corrected LaTeX code for the debugging assignment. Only files that compile with no errors and whose output matches the posted .pdf version of the corrected file will receive full credit.