Math 337 Project 2

For your second project, you will be doing Lab 3.4 from your textbook. Your final report is due on August 7th at the beginning of class. This project is to be done by yourself (it is not a group project). Bonus points will be given to student who “draw” their 3-D plot creatively (read as: build a good model of some kind).

Your report should be no longer than 4 pages, including pictures, and should address all of the questions asked in the lab. Your pictures should be placed at the appropriate place in your report and not as an appendix at the end of the report. As the textbook suggests, “one carefully chosen picture can be worth a thousand words, but a thousand pictures aren’t worth anything”. Your report should be written so that another student could understand your work and replicate your results. You should not write an algebraic procedure for the steps that you took, but rather you should outline the method used and justify any assumptions or decisions you made. You may summarize any numerical approximations used as long as you state all the conditions (such as initial values, step sizes, etc.). I have several example of good projects in my office for you to look at (the projects will not leave my office and cannot be copied).

All questions about the project should come to me. You should not be discussing your project with other people. Remember that your work (computations and reports) throughout this project is subject to the university’s academic dishonesty policies, so make sure that the work you turn in is your own.