10.34. Numerical Methods Applied to Chemical Engineering
Fall 2005. HW # 3. Nonlinear algebraic systems
Due Wednesday 9/28/2005. 9 am

Again, you are to submit your work electronically to the MIT server. Submit a MS-Word document *username*_HW3.doc with a description of your work. The names to use individual programs are found in the problem statements below. All problems are from chapter 2 of the text.

1. Solve problem 2.A.1. by hand, and then by MATLAB (problem 2.A.2). Have your program print the solution to the screen, and name it *username*_P2A2.m.

2. Solve problem 2.B.2 by writing a program *username*_P2B2.m that makes the necessary plots.

3. Solve problem 2.B.3 by writing a program *username*_P2B3.m.