

10.34. Numerical Methods Applied to Chemical Engineering
Fall 2005. HW # 4. Matrix eigenvalue analysis
Due Wednesday 10/5/2005. 9 am

Again, you are to submit your work electronically to the MIT server. Submit a MS-Word document *username_HW4.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 3 of the text.

1. Solve problem 3.A.1.
2. Solve problem 3.A.2, storing your program as *username_P3A2.m*.
3. Solve problem 3.A.3.
4. Solve problem 3.B.2, storing the program that makes the plots in *username_P3B2.m*.