

## Math 262 Spring, 2003

### Tips for Using Matlab During a Presentation

- Prepare a .m file ahead of time.
- If necessary, put the command **pause** after a command so Matlab will wait for you to hit a key before proceeding to the next thing.
- Make sure the .m file is in your AFS directory.
- If it was prepared on a PC, once it is in the AFS directory give the command **dos2unix -ascii oldname.m newname.m** to get rid of the control characters which the PC inserted at the ends of lines, where oldname.m is the original name and newname.m is what you are renaming it. (If you view the original file in a text editor, the control characters appear as ^M.)
- Put a copy of the ATLAST files you need in the same directory (folder) as your .m file. You can do this by going to the ATLAST page and clicking on v5mfiles.tar.gz. Once that is downloaded, give the command **gunzip v5mfiles.tar.gz** and then the command **tar xvf v5mfiles.tar** to extract the individual files from the compressed tar file. You now have (almost) all the ATLAST files.
- Make sure you know how to start Matlab and load your .m files on a Sun. To start Matlab, open a command window, then give the command **matlab**. The labs in Fitzpatrick may be the best choice of place to try it, since the engineering students can usually answer questions.
- Once you start Matlab, if you are going to want to copy and paste from your .m file, you can go into the File menu, then Open and Matlab will open your .m file in an editor window.
- The day of your presentation, if you are the first person or group to present, login to the computer and set things up on it before class (if you have time).