18.06 Problem Set 6

Due Thursday, 18 March 2010 at 4pm in the undergrad math office. Please note that the problems from the textbook are out of the 4th edition: make sure to check that you are doing the correct problems. For MATLAB problems, please include a printout of your code with your problem set. You can type `diary("filename")` at the beginning of your session to save a transcript, and `diary` off when you are done.

Non-challenge problems are worth 4 points, while challenge problems are worth 12.

1. Do problems 4, 7, 9, 26 and 29 from section 4.3.

2. Do problems 10, 18, 35, and 36 from section 4.4.

3. Do problems 10, 18, 31, and 32 from section 5.1 (the last two will be treated as challenge problems).