

18.06 Spring 2012 – Problem Set 4

This problem set is due Thursday, March 8th, 2012 at 4pm (hand in to Room 2-106). The textbook problems are out of the 4th edition. For computational problems, please include a printout of the code with the problem set (for MATLAB in particular, `diary('filename')` will start a transcript session, `diary off` will end one.)

Every problem is worth 10 points.

1. Do Problem 5 from Section 3.5.
2. Do Problem 7 from Section 3.5.
3. Do Problems 15 & 18 from Section 3.5.
4. Do Problem 28 from Section 3.5.
5. Do Problem 45 from Section 3.5.
6. Do Problem 4 from Section 3.6.
7. Do Problem 9 from Section 3.6.
8. Do Problem 16 from Section 3.6.
9. Do Problem 18 from Section 3.6.
10. Do Problem 32 from Section 3.6.

18.06 Wisdom. The first exam is coming up (next Friday, March 9th, Walker Memorial, 11am-12 noon). It will include concepts - not only numbers. Your most valuable study resources will be the book, the problems you've solved so far and the old exams (with solutions!) on the course web: <http://web.mit.edu/18.06/www/old.shtml>. If we were you, we would spend this weekend brushing up on concepts and trying to solve as many old exams as possible.