

18.06 Spring 2012 – Problem Set 9

This problem set is due Thursday, May 3rd, 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 Problems 5 & 11 from Section 6.6.
2. Do Problems 17 & 19 from Section 6.6.
3. Do Problem 22 from Section 6.6.
4. Do Problems 3 & 6 from Section 6.7.
5. Do Problems 9 & 10 from Section 6.7.
6. Do Problem 14 from Section 6.7.
7. Do Problems 1 & 4 from Section 8.5.
8. Do Problems 3 & 19 from Section 10.2.
9. Do Problem 7 from Section 10.3.
10. Do Problem 15 from Section 10.3.

18.06 Wisdom. To reiterate: You should get as ready as you can for Exam 3, and for the finals, by doing as many old exams as you have time for (found on the 18.06 website under "Past Courses"). Get into a good rhythm with these rehearsals to stay fully tuned in on Linear Algebra, and to master the concepts - you will need it, both here and beyond.