

18.06 (Fall '12) Problem Set 7

This problem set is due Thursday, November 1st, 2012 by 4pm in 2-255. The problems are out of the 4th edition of the textbook.

1. Do Problem 26 from 5.1. (It might take a while but when you see it, it's easy)
2. Do Problem 29 from 5.1.
3. Do Problem 1 from 5.2.
4. Do Problem 5 from 5.2.
5. Do Problem 7 from 5.2.
6. Do Problem 17 from 5.2. (You are asked to show that the determinant of B_n is 1 for all n .)
7. Do Problem 2 from 5.3.
8. Do Problem 27 from 5.3.
9. Do Problem 39 from 5.3. (Hint. Try to relate the determinant of the cofactor matrix to the determinant of the actual matrix.)
10. Do Problem 24 from 6.1.