18.06 (Fall '13) Problem Set 4

This problem set is due Thursday, October 10, 2013 by 4pm in E17-131. No computer problems this week.

1. Do Problem 3 from 3.6.

2. Do Problem 17 from 3.6.

3. Do Problem 27 from 3.6.

4. Do Problem 22 from 3.6.

5. Do Problem 4 from 8.2. As shown on page 428, A is the incidence matrix for the triangle graph.

6. Do Problem 17 from 8.2.

7. Do Problem 11 from 4.1.

8. Do Problem 28 from 4.1. Give a counterexample for part c).

9. Do Problem 29 from 4.2.

10. Do Problem 11 from 4.2.