18.06 (Fall '13) Problem Set 8

This problem set is due Thursday, November 14, 2013 by 4pm in E17-131.

1. Do Problem 7 from 6.3.

2. Do Problem 26 from 6.3.

3. Do Problem 31 from 6.3.

4. Do Problem 8 from 6.4.

5. Do Problem 21 from 6.4.

6. Do Problem 30 from 6.4. Hint: write a_{11} in terms of the entries of Λ and Q, then use the fact that $\lambda_i \leq \lambda_{max}$ for all i.

7. Do Problem 10 from 6.5.

8. Do Problem 12 from 6.5.

9. Do Problem 21 from 6.5.

10. Do Problem 3 from 6.5.