EE 341 - Homework 14

Due December 7, 2005

For problems which require MATLAB, please include a MATLAB m-file which shows how you made your plots.

1. Problem 11.17.

2. Problem 11.19.

3. Problem 11.22.

4. Problem 11.27.

5. Problem 11.29.

6. Problem 11.31.

7. Problem 11.43. Do not use the Jury test. Use MATLAB or your calcuator to find the pole and zero locations.

8. Problem 11.47. For (a), find the steady-state response only. To do this, you do not need to take an inverse z-transform. Also, plot the pole-zero diagram.

9. Problem 11.48. For (a), find the steady-state response only. To do this, you do not need to take an inverse z-transform. Also, plot the pole-zero diagram.