

## ECE 107 Electromagnetism

### Homework 2

1. Special cases of lossless lines: Problem 2.36
2. Special cases of lossless lines: Problem 2.40
3. Power flow: Problem 2.44
4. Power flow: Problem 2.46
5. The Smith chart: derive equation 2.118
6. The Smith chart: Problem 2.47
7. The Smith chart: Problem 2.53
8. Impedance matching: Problem 2.66, without using the Smith chart
9. Impedance matching: Problem 2.66, using the Smith chart
10. Impedance matching: Problem 2.74, using either method you prefer