

ECE 524: Homework #1

Due Session 9 (January 30 on campus, February 6 for Engineering Outreach)

Solve each of these problems analytically and then simulate them using a transient simulation program. Compare your results.

1. Problem 2.3 in Greenwood
2. Problem 2.6 in Greenwood
3. Problem 2.7 in Greenwood
4. Problem 3.8 in Greenwood (just the initial short circuit, the recovery will be in HW 2)