

EE 221 – Circuits II

Homework #1

10 points

Date Assigned: 8/21

Date Due: 8/25

- 1.1 Text problem 11.1. Also sketch $v(t)$, $i(t)$, and $p(t)$ on the same graph, with the same t axis but perhaps scaling the vertical axes.
- 1.2 Text problem 11.2.
- 1.3 Text problem 11.5. Also calculate the power supplied by the source. Verify conservation of time-average power in the circuit.
- 1.4 Text problem 11.11.