

EE 221 – Circuits II

Homework #4

10 points

Date Assigned: 9/8

Date Due: 9/15

- 4.1 Text problem 12.5.
- 4.2 Text problem 12.8.
- 4.3 Text problem 12.9.
- 4.4 Calculate the line currents in the circuit of Fig. 12.45 assuming $\bar{Z}_\Delta = 60\angle 45^\circ \Omega$. In your analysis, begin by converting the delta load to a wye load.
- 4.5 Text problem 12.13.
- 4.6 Text problem 12.19.
- 4.7 Text problem 12.21.
- 4.8 Text problem 12.25.
- 4.9 Text problem 12.27.
- 4.10 Text problem 12.31.
- 4.11 Text problem 12.49.