

EE 221 – Circuits II

Homework #8

10 points

Date Assigned: 10/6

Date Due: 10/13

- 8.1 Text problem 14.62.
- 8.2 Text problem 14.63. Sketch the op amp circuit.
- 8.3 Text problem 14.65. Calculate the cutoff frequency and the high frequency gain.
- 8.4 Text problem 14.67. Sketch the op amp circuit.
- 8.5 Text problem 14.69. What type of filter is this?
- 8.6 Text problem 14.102. Calculate the Q for each case as well. What happened to the resonant frequency and the Q when the losses of the source and loading circuits were included?
- 8.7 Text problem 15.3.
- 8.8 Text practice problem 15.5.
- 8.9 Text problem 15.16.
- 8.10 Text problem 15.15. This is a periodic function that begins at $t = 0$.
- 8.11 Text practice problem 15.7.