

The University of Portland
Donald P. Shiley School of Engineering

EE351
Electronic Circuits I

HOMEWORK 1

Assigned: Mon, Aug 24, 2020
Due: Wed, Sept 2, 2020

Problems:

- 1) Text: 1.6
- 2) Text 1.16 (Note: please use simple superposition instead of the stated two methods in the text)
- 3) Text 1.22
- 4) Text 1.30 (or 1.28 for International edition)
- 5) Text 1.40 (or 1.39 for International edition)
- 6) Text 1.41 (or 1.38 for International edition)
- 2) By inspection, qualitatively sketch and label the step response, $v_o(t)$, for each of the following two circuits. (Hint: You do not need to formally solve the differential equations to do this problem. Use your common sense and your "learnings" from EE261/262).

