

PHY2049 Summer 2018
June 25 Lecture Review Questions

Douglas H. Laurence

Department of Physical Sciences, Broward College, Davie, FL 33314

Chapter 28: Direct Current Circuits

Review the following problems (challenge problems given by *):

- **Section 28.4:** 23, 24[†] (only solve for the current through R_1)
- **Section 28.5:** 35, 37, 51, 63
- **Section 28.7:** 73, 75
- **Review Problems:** 87*, 89, 95

Chapter 29: Magnetic Force and Field

Review the following problems (challenge problems given by *):

- **Section 29.1:** 1
- **Section 29.2:** 7, 9, 13^{††}, 17

[†] The current through R_1 is $i_1 = 2$ A.

^{††} $1 \text{ eV} = 1.6 \times 10^{-19} \text{ J}$ of energy.