Physics 24 Problem Set 4

Harry Nelson

due Monday, Feb. 6 at 5pm

Course Announcements:
Read Chapter 7 of Purcell.

1. Purcell 7.1

2. Purcell 7.2

3. Purcell 7.3

4. Purcell 7.5

5. Purcell 7.12. Please make an estimate of the time constant ($\tau = RC$) for charging your bottle; it should be rough, to an order of magnitude.

6. Purcell 7.14

7. Purcell 7.15