

ENEE 380 Electromagnetic Theory – Spring 2009

Prof. Edward Ott

Assignment #8

Due date: Apr, 7

The homework assignment due on April 7 is as follows:

Chapter 4---problem 6

Chapter 5---problems 6, 7, 15

Plus the following problem: Referring to problem 5.7, show explicitly that the decrease in electrostatic energy between the time just after the lightning stroke and $t = \infty$ all goes into ohmic dissipation within the sphere.