

Physics 430: Problem Set #1

Due Wednesday 02/01/2012, 11:00 am (in class)

- Text: David Griffiths, Introduction to Electrodynamics, 3rd Edition;
 - Please read Chapter 1, Sections 1.1.1-1.1.3, 1.2, 1.3, 1.4;
1. Page 7, Problem 1.3;
 2. Page 7, Problem 1.4;
 3. Page 10, Problem 1.7;
 4. Page 15, Problem 1.11;
 5. Page 15, Problem 1.13; Note: The del operator ∇ works on x , y , and z only.
 6. Page 18, Problem 1.15 (a), (b);
 7. Page 20, Problem 1.18 (a), (b);