

Physics 430: Problem Set #3

Due Wednesday 2/17/12, 11:00 am (in class)

- All problems are from David Griffiths: Introduction to Electrodynamics, 3rd Edition.
1. Page 49, Problem 1.43;
 2. Page 49, Problem 1.44;
 3. Page 49, Problem 1.45 (a);
 4. Page 52, Problem 1.46;
 5. Page 64, Problem 2.5;
 6. Page 64, Problem 2.6 (Can you take the advantage of Problem 2.5 to solve this one?);
 7. Page 64, Problem 2.7;