

**Physics 417 E&M**

**Homework Set #3**

**Due Friday, September 28, 2007**

**Chapter 2** – 34, 37, 39, 45

**Chapter 3** – 1, 2, 3

**Guidelines** Please show all of your work and explain briefly the steps you take for your homework solutions, so that I can see how you went about solving the problems. For problems that require you to establish a coordinate system (origin and axes) please also include a sketch that shows your choice of origin and direction. Please try to turn in reasonably neat papers.

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