## Electricity and Magnetism Prof. G. Raithel

## Problem Set 8

Due date: Thursday, November 13, 6PM.

Problems will be collected and graded. You may bring your homeworks to class or drop them in my mailbox in front of the Physics Department office. No late homework will be considered.

- $1.\ \, {\rm Jackson,\,Problem\,\,5.10.\,\,See\,\,Section\,\,3.11\,\,in\,\,Jackson.\,\,You\,\,may\,\,use\,\,the\,\,results\,\,of\,\,Problem\,\,3.16.}$
- 2. Jackson, Problem 5.15. No comparison with problem 5.14.
- 3. Jackson, Problem 5.19.