PHYS 3110 – Homework set 8-III

Due Date: 2/5/2015

FOR ALL PROBLEMS: Think about the answers you obtain. Do they seem reasonable? If yes, then you have nothing more to do. If not, try to find any mistakes you may have made; if you can’t find anything wrong, comment on why you think your answer is unreasonable.

• 8.22

• 8.23. Hint: Section 8-2, and in particular the discussion on page 342, is useful.

• 8.37. Use software of your choice—Excel will do just fine—and plot $f_{FD}$ vs. $E/E_f$, not $f_{FD}$ vs. $E$. You must use sub/superscripts on the axis labels.