PHYS 402: Electricity & Magnetism II Due date: Thursday, September 12, 2013

Problem set #1

Griffiths 3rd Ed. [4th Ed.] problems

7.3 [7.3], 7.6 [7.6], 7.7 [7.7], 7.9 [7.9], 7.13 [7.13], 7.17 [7.17],

7.22 [7.24] (solve using the energy stored in solenoid field),

7.23 [7.25], 7.28 [7.30].