Assignment #5 (half length)
Due: Friday, Mar. 5 at 10:00 am.
Reading: Finish Chapter 4 of Townsend

Group problems:
5A. Derive equations 4.29a, 4.29b, and 4.30.
4.12 Hint: use the results of problem 3.15
4.15

Individual-problems:
4.7 Note: Townsend uses Gaussian (aka cgs) units, so $e = 4.803207 \times 10^{-10}$ esu, $c = 2.99792458 \times 10^{10}$ cm/s, and magnetic fields are measured in Gauss. The mass of the muon is $1.883533 \times 10^{-25}$ g.