

Physics 322 Homework Set #8 Spring 2008

Due in class 6/6/08

1. Problem 8.2 in your textbook.
2. Problem 8.6 in your textbook.
3. Problem 8.9 in your textbook. For part (b), because $b \gg a$, you can use our result for the magnetic along the axis from a circular current loop.
4. Problem 9.8 in your textbook.
5. Problem 9.10 in your textbook.
6. Problem 9.33 in your textbook.