

Phys 110A; HW #10; Due Tuesday 11/8

1. Problem 5.8. All parts; a,b,c. (Hint: use the result from example 5.5, which is general for any length of any straight wire.)
2. Problem 5.10 (the force on the triangle and square loops.)
3. Problem 5.14 (All parts; a,b. The field due to a long wire, with different distributions of current.)
4. Problem 5.15 (field due to a current-carrying slab.)