Physics 116A **Homework Set #9** **Fall 2019**

DUE: Tuesday December 3, 2019

To receive full credit, you must exhibit the intermediate steps that lead you to your final results. Comparing with a computer solution is optional.

1. Boas, p. 394, problem 8.1–4.

2. Boas, p. 398, problem 8.2–8. Identify any solutions that are not obtainable by specializing the constant in your solution of the original problem.

3. Boas, p. 398, problem 8.2–12.

4. Boas, p. 400, problem 8.2–30.

5. Boas, p. 400, problem 8.2–34.

6. Boas, p. 403, problem 8.3–4.

7. Boas, p. 403, problem 8.3–14.

8. Boas, p. 404, problem 8.3–16.

9. Boas, p. 406 problem 8.4–2.

10. Boas, p. 406, problem 8.4–8.

11. Boas, p. 406 problem 8.4–10.

12. Boas, p. 414, problem 8.5–2.