

## Physics 880.06: Problem Set 3

Due Friday, October 17, 2003

1. Ashcroft and Mermin, Chapter 4, Problem 1.
2. Ashcroft and Mermin, Chapter 4, Problem 3.
3. Ashcroft and Mermin, Chapter 4, Problem 5.
4. Ashcroft and Mermin, Chapter 4, Problem 6.

Note: please turn the problems in by 5PM, preferably to the mailbox of the grader, Dr. Sung Yong Park. Thanks.