

PHYS 580 Homework 5 - due Wed Nov 20, 2019, in class

All questions are worth 10 points, irrespective of complexity or length. Please submit all your solutions on paper, and make sure to include the same list of basic ingredients in all your solutions as in earlier homeworks (for economy of space, the list is omitted here).

1) Problem 8.3 (p.257) in the Giordano-Nakanishi textbook. It is enough if you calculate **either** for the square grid, **or** the triangular one (the latter takes a little more thought). Doing both cases is optional.

2) Problem 8.7 (p.258).

3) Problem 8.15 (p.267).

4) Problem 9.1 (p.283) [This problem will make sense after the lecture on Nov 11 - or you can just read ahead in the textbook.]

Note the errata pages for the textbook:

<http://www.physics.purdue.edu/~hisao/book/www/errata.pdf>

<http://www.physics.purdue.edu/~isao/book/www/errata.html>