

# Physics 325: Problem Set #5

Department of Physics and Astronomy  
Sonoma State University

Due Monday, October 15, 2007, 9:00 am (in class)

- Text: Riley, Hobson, and Bence, *Mathematical Methods for Physics and Engineering*, 3<sup>rd</sup> Edition;
  - Please read 14.1, 14.2;
1. Page 484, Exercise 14.2.
  2. Page 484, Exercise 14.3(a) and (b).
  3. Page 484, Exercise 14.4.
  4. Page 485, Exercise 14.5(a) and (b).
  5. Page 485, Exercise 14.6.