

University of Colorado  
Department of Mathematics

2008/2009 Semester 2

Math 4330/5330 Fourier Analysis

Assignment 11

**Due Wednesday April 29, 2009**

1. Do Problems 6.5.2 and 6.5.6 on p. 327 of the Stade textbook.
2. Read Sections 7.4 and 7.5 of the Stade textbook (you can skim the proofs) and do the following problems:
  - (a) 7.4.1 and 7.4.2 on p. 378 of the Stade textbook;
  - (b) 7.5.4 on p.385 of the Stade textbook.
3. If you are enrolled in Math 5330, do problems 6.5.3 on p. 327 and 7.4.3 on p. 379 of the Stade textbook.