

University of Colorado  
Department of Mathematics

2008/2009 Semester 2

Math 4330/5330 Fourier Analysis

Assignment 6

**Due Monday March 2, 2009**

1. Read Section 1.12 and do problems 1.12.1 and 1.12.4(a) on p. 76 of the Stade textbook.
2. Read Section 2.7 and do problems 2.7.3, 2.7.4 on p. 121–122 of the Stade textbook.
3. Read Section 2.9 and do problems 2.9.1(b) and 2.9.3(a) on p. 130–132 of the Stade textbook.
4. If you are enrolled in Math 5330, please do the additional problems 2.7.6 on p. 123 and 2.9.3 (b) on p. 132 of the Stade textbook