

University of Colorado  
Department of Mathematics

2008/2009 Semester 2

Math 4330/5330 Fourier Analysis

Assignment 7

**Due Monday March 9, 2009**

1. Read Section 3.1 and do problems 3.1.3 and 3.1.4 on p. 163 of the Stade textbook.
2. Read Section 3.2 and do problems 3.2.3, 3.2.7 and 3.2.8 on pp. 174–175 of the Stade textbook.
3. Read Section 3.4 and do problems 3.4.2 and 3.4.3 on p. 181–182 of the Stade textbook.
4. If you are enrolled in Math 5330, please do the additional problems 3.1.1 (all parts) on p. 162–163, 3.2.1 on p. 173, and 3.4.1 c) and d) on p. 181 of the Stade textbook.