

University of Colorado
Department of Mathematics

2008/2009 Semester 2

Math 4330/5330 Fourier Analysis

Assignment 8

Due Monday March 16, 2009

1. Read Section 3.5 and Section 3.6 (you can skim proofs) and do problem 3.6.1 on page 195 of the Stade textbook.
2. Read Section 3.7 and do problems 3.7.1, 3.7.3, 3.7.4, 3.7.8 and 3.7.9 on p. 201–202 of the Stade textbook.
3. If you are enrolled in Math 5330, please do the additional problems 3.6.2 and 3.6.3 on p. 195 of the Stade textbook.