

University of Colorado
Department of Mathematics

2018/2019 Semester 2

Math 4330/5330 Fourier Analysis

Assignment 8

Due Monday March 18, 2019

1. Do problem 3.6.3 on p. 195 of the Stade textbook.
2. Read Section 3.7 of the Stade textbook and do the problems 3.7.4, 3.7.6, and 3.7.8 on pp. 201–202 in that Section.
3. Read Section 5.1 of the Stade textbook (you can skim the proofs) and do the following problems:
 - (a) 5.1.1 and 5.1.2 on p. 264 of the Stade textbook.
4. If you are enrolled in Math 5330, do problem and 3.7.9 on p. 202 and problem 5.1.9 on p. 264 of the Stade textbook.