

University of Colorado
Department of Mathematics

2018/2019 Semester 2

Math 4330/5330 Fourier Analysis

Assignment 7

Due Monday March 11, 2019

1. 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.
2. Read Section 3.4 and do problems 3.4.2 and 3.4.3 on p. 181–182 of the Stade textbook.
3. 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.
4. If you are enrolled in Math 5330, please do the additional problems 3.2.1 on p. 173, 3.4.1 c) and d) on p. 181, and 3.6.2 on p. 195 of the Stade textbook.