

Introduction to Analysis I
Homework 7
Wednesday, November 8, 2017

Instructions: This and all subsequent homeworks must be submitted written in \LaTeX .

Since by now, you should all be sufficiently familiar with \LaTeX to compose on your own, I will forgo the formalities of the previous assignments and simply list the problems. I will expect, however, that you will cite relevant material in Royden or other sources properly and that you will acknowledge your collaborators.

Homework 7 is due by midnight, Saturday, November 18.

1. Problem 9, Chapter 6
2. Problem 10, Chapter 6
3. Problem 13, Chapter 6
4. Problem 16, Chapter 6
5. Problem 26, Chapter 6
6. Problem 29, Chapter 6
7. Problem 35, Chapter 6