

University of Colorado  
Department of Mathematics

2022/23 Semester 1

Math 6310 Real Analysis 1

Assignment 1

**Due Friday September 2, 2022, 11:59 p.m., uploaded to Canvas**

1. Do the following problems in the Royden–Fitzpatrick textbook:
  - (i) p. 20, #35, 37;
  - (ii) p. 24 #42;
  - (iii) pp. 27–28, #48, 49 part (iii);
  - (iv) p. 31 #1, 3.