

Assignment #8

Due Wednesday, 9 November 2016, at the start of class

Please *carefully* read Chapters 10, 11, and 12 in the textbook, Sutherland, *Introduction to Metric and Topological Spaces*.

Do the following exercises.

Chapter 10, pages 105–107, Exercises:

10.13

10.15

Chapter 11, pages 111–112, Exercises:

11.1

11.2

11.4 (*Prove parts (a) and (b) only. Parts (c) and (d) were proved in lecture.*)

11.6

11.8