

Assignment #4

Due Wednesday, 5 October 2016, at the start of class

Please *carefully* read Chapters 5, 6, and 7 in the textbook, Sutherland, *Introduction to Metric and Topological Spaces*. It will take more than one reading of this material to be really clear on it!

Do the following exercises.

Chapter 5, pages 57–59, Exercises:

5.2

5.10

5.13

5.14

5.17 (You don't need to do Exercise 5.16 for this exercise, but the hint suggests it is wise to do Exercise 5.2 first.)

Chapter 6, pages 73–75, Exercises:

6.2

6.3