Week 5: Reading and Exercises

Reading: Please start reading Chapter 6 in the text.

Exercises: It’s Thanksgiving week, so just do well on the exam and work through the computational problems at the end of Section 6.1.

...But here are some puzzles to ponder in preparation for tomorrow’s test.

- Find, with proof, all connected subsets of the space \((\mathbb{R}, \mathcal{H})\).
- Find, with proof, all connected subsets of the space \((\mathbb{R}, \mathcal{C})\).
- Prove, without looking at the book, Theorem 4.2.13.