

# Weekly Reading and Homework

## Week of March 30th, 2020

### 1 Reading

For this week, please read the following sections of the course textbook:

1. Section 2.1 (We covered this section in class during the week of March 9th)
2. Section 2.2
3. Section 2.3
4. Section 3.1
5. Section 3.2

As always, it is important for you to read with pencil and paper in hand, follow the details closely, and work out any examples done in the sections. I hope that you are able to watch the video lectures in conjunction with reading the sections. Please remember that not all material will be covered via video lecture, so it is important you read the sections. Once you feel you have a good understanding of the sections, please attempt that section's homework.

### 2 Homework

I am still in the process of getting our online homework to be functional. As soon as it is, I will send another email with instructions of how to get started. For now, in addition to “Problems to chew on”, you should do the following “Do not turn in” problems from the textbook (Lay, 3rd ed.):

#### 1. Practice Problems:

- (a) Section 2.1: 1
- (b) Section 2.2: 1, 2
- (c) Section 2.3: 1, 2, 3
- (d) Section 3.2: 1, 2

#### 2. Exercises

- (a) Section 2.1: 2, 4, 6 - 10, 12, 20, 27, 28
- (b) Section 2.2: 1, 2, 5, 13, 21, 31
- (c) Section 2.3: 1, 3, 13, 14, 16, 17, 24, 33, 34, 35
- (d) Section 3.1: 1, 3, 5, 15, 16, 19, 20, 21, 22, 33, 35, 36, 37, 38
- (e) Section 3.2: 1, 2, 3, 5, 6, 7, 15, 16, 17, 18, 21, 23, 31, 32, 33, 34

Finally, please remember a rough draft of your project is due on April 3rd by midnight in your respective time zone.