

Assignment #2

Due Wednesday, 11 September 2019, at the start of class

Please read Chapter 3 of the textbook.¹

One exercise below is identified with your initials. Please \LaTeX this problem and send both the `.tex` and `.pdf` to me at `elbueler@alaska.edu` by the same due date, i.e. at the start of class Wednesday 11 September. See the course website for a \LaTeX template.

DO THE FOLLOWING EXERCISES from the textbook:

CHAPTER 1

- Exercise #40 on page 16.
- Exercise #45 on page 16.

CHAPTER 3

- Exercise #2 on page 38.
- Exercise #9 on page 39. ← **DD**
- Exercise #12 on page 39. ← **WV**
- Exercise #14 on page 39. ← **AM**
- Exercise #18 on page 42.
- Exercise #23 on page 42.

¹Carothers, *Real Analysis*, Cambridge University Press 2000.