

Homework Five

Chaos and Fractals

College of the Atlantic

Due Friday, May 1, 2026¹

In what I hope is not too disappointing news, there is no WeBWorK this week. So there is one and only one part to this assignment.

Part 1: Problems from the Textbook. Here are some instructions for how to submit this part of the assignment.

- Do the problems by hand using pencil (or pen) and paper. There is no need to type of this assignment.
- Make a pdf scan of your work using genius scan or some similar scanning app. Please make the homework into a single pdf, not multiple pdfs.
- Submit the assignment on google classroom. Please don't email it to me.

Here are the textbook problems:

- Chapter 16, problem 5
- Chapter 16, problem 6
- Chapter 16, problem 9
- Chapter 16, problem 3
- Chapter 16, problem 7
- Chapter 16, problem 8. Optional! Fun. Challenging. Mindbending. If you do this problem, you may never be the same again.

Yes, I know the problems are out of order. I did that on purpose. I think doing them in the order I listed might be simpler. They're sorta listed in order of increasing difficulty.

¹If you need more time, that's ok. Just let me know. Thanks!