

Homework Four

Chaos and Fractals

College of the Atlantic

Due Friday 28 January, 2022¹

There is only one part to this assignment. There is no WeBWorK this week.

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. (Between my two classes I will be receiving around 45 assignments a week. Keeping track of them all in email is challenging.)
- **If you want, do these problems in pairs.** Most of these problems are exploratory in nature, and it might be fun to have a co-explorer. If you do work in pairs, please submit only one set of solutions for the two of you. If you work with a friend and your friend submits the work, please submit an empty assignment and add a comment letting me know who you worked with. Thanks.

Here are the textbook problems

- Chapter 13, problem 1
- Chapter 13, problem 2
- Chapter 13, problem 4

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