

Homework Eight

Chaos and Fractals

College of the Atlantic

Due Friday 25 February, 2022¹

There are two parts to this week's homework.

Part 1: WeBWorK. Do Homework 08 which you will find on your [WeBWorK page](#). I recommend doing the WeBWorK part of the homework first. This will enable you to benefit from WeBWorK's instant, if not necessarily friendly, feedback before you do part two.

Part 2: 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.
- **If you want, do these problems in pairs.** The textbook 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 some textbook problems:

Chapter 25:

1. 25.4

Chapter 27:

1. 27.3

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