

Homework Six

Chaos and Fractals

College of the Atlantic

Due Friday, May 7, 2026¹

There are two parts to this assignment.

Part 1: WeBWork has Returned! Do Homework 06 which you will find on your [WeB-Work page](#). **Note: Wait until after Monday's class to do the WeBWork!**

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. Please don't email it to me.

Here are the textbook problems:

- *Optional:* Chapter 12, problem 12.8
- Chapter 21, problem 1
- Chapter 21, problem 2
- Chapter 21, problem 3
- Chapter 21, problem 4
- Chapter 21, problem 5
- Chapter 27, problem 1
- Chapter 27, problem 3
- *Optional:* Chapter 20, problem 4
- *Optional:* Chapter 20, problem 5

Wait until after Monday's class to do the Chapter 21 problems. These problems should be very quick. If they're not quick, you might be over-thinking things.

Wait until after Tuesday's lab to do the Chapter 27 problems.

The Chapter 20 problems cover fractal and non-fractal distributions, which we covered in class on Thursday, April 30.

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