

Homework 14

Math 230

due 4:00pm on Friday, November 6

Write your solutions to the following problems clearly and neatly. Make sure to explain your reasoning and provide mathematical details that support your answers. For a few tips on writing solutions, see [this helpful guide for mathematical writing](#).

You may write or type your solutions electronically, or write them on paper and scan or photograph them. Upload a single file containing your solutions to the [Homework 14](#) assignment on Moodle.

Book Problems

- Section 5.3 #10, 12, 14, 15 (pages 503–504)

For #15, use Mathematica to plot the stream plot of the system.

- Chapter 5 review exercises 9, 10, 11, 12 (page 555)