

Math 4560 Homework for Chapter 6

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Due Wednesday October 12.

1. The exercises for this chapter are excellent. You should read them all. You might get excited. If you do get excited, please let me know. I will be happy to discuss solutions of interesting problems.
2. Problems to hand in: 6.1.8 (Use the computer to draw the phase portrait. Put in enough orbits to see at a glance the behavior of all solutions. Also, **you must describe in words** what you see), 6.3.1 (Perhaps after your analysis you can check your results with the computer.), 6.5.2, and 6.6.7.