

The homeworks will be graded statistically.

All the problems are from the textbook: *Nonlinear Dynamics and Chaos*, by Steven H. Strogatz, Perseus Books Group, 2001.

1. Problem 4.1.1
2. Problem 4.1.2
3. Problem 4.1.4
4. Problem 4.1.6
5. Problem 4.3.2
6. Problem 4.3.3
7. Problem 4.3.4
8. Problem 4.3.5