

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 5.1.10
2. Problem 5.2.3
3. Problem 5.2.4
4. Problem 5.2.5
5. Problem 5.2.8
6. Problem 5.2.9