

Dynamical Systems

Homework Set 2

Due Wednesday, 24 September 2003

Course Web Site: <http://www.math.sfu.ca/~ralfw/math467/>

Problems from Strogatz “Nonlinear Dynamics and Chaos”:

- Section 2.6: 2.6.1
- Section 2.7: 2.7.6, 2.7.7
- Section 2.8: 2.8.2(c), 2.8.3
[See the sample Euler method implementation on the course website.]
- Section 3.1: 3.1.3
- Section 3.2: 3.2.4, 3.2.5, 3.2.6
Also read the result of 3.2.7 (try it if you like!).