

Dynamical Systems

Homework Set 8

Due Wednesday, 12 November 2003

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

Problems from Strogatz “Nonlinear Dynamics and Chaos”:

- Section 6.3: 6.3.13
- Section 6.5: 6.5.6 (epidemics again), 6.5.13, 6.5.19 (predator-prey model)
- Section 6.7: 6.7.2 (pendulum driven by constant torque)