

## Dynamical Systems

Homework Set 5

Due Monday, 20 October 2003  
at the *beginning* of class (before the Midterm)Course Web Site: <http://www.math.sfu.ca/~ralfw/math467/>

Problems from Strogatz "Nonlinear Dynamics and Chaos":

- Section 4.3: 4.3.5
- Section 10.1: 10.1.12, 10.1.13
- Section 10.2: 10.2.4, 10.2.6
- Section 10.3: 10.3.2, 10.3.4; *Either* 10.3.7-8 *or* 10.3.9 (these are essentially the same question; you can choose whether you prefer the binary or decimal shift); 10.3.10(a)