

# Nonlinear Phenomena: Homework 3

Reading: §3.4-3.5, 5.1-5.2

Due April 30, 2013

## Problem 1

Strogatz 3.4.6, 3.4.7, 3.4.8, and 3.4.10

## Problem 2

Strogatz 3.4.16

## Problem 3

Strogatz 3.5.8

## Problem 4

Strogatz 5.1.10 (all parts: *a* through *f*)

## Problem 5

Strogatz 5.2.1, 5.2.3, and 5.2.10