

# Download Nonlinear Dynamics Strogatz Solutions

Exercises for Chapter 2 2.1A Geometric Way of Thinking In the next three exercises, interpret  $x' = \sin(x)$  as a flow on the line. 2.1.1 Find all the fixed points of the flow. Non-Linear Dynamics Homework Solutions Week 5: Strogatz Portion Chris Small March 5, 2007 Problems from Blanchard and Devaney I'm going to scan into another document. This textbook is aimed at newcomers to nonlinear dynamics and chaos, especially students taking a first course in the subject. The presentation stresses analytical methods, concrete examples, and geometric intuition. Read Nonlinear Dynamics and Chaos (Strogatz) Chapter 7 Pages 196-200 and Chapter 241-248. Review all material from the course. Look over lecture notes and re-read sections in the book that still confuse you.