

The Mathematics Department at URI
Presents its NEW COURSE

Introduction to Chaotic Dynamical Systems

MTH445 – Please register in MTH492 if MTH445 is not available

FALL 2008, Tuesday-Thursday 2:00 PM

In this course we will learn the elements of dynamical systems theory: Hyperbolicity, Symbolic Dynamics, Topological Conjugacy, Chaos, Structural Stability and Bifurcation Theory. We will also discuss applications to Ecology, Chemistry, Physics and Economics.

Prerequisites: MTH141, MTH142, MTH215, and junior level standing, or permission of the instructor.

If you would like to find out more about the course please contact:

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