

Math 565: Introduction to Dynamical Systems II

This course is the second semester of an introduction to the theory of dynamical systems. The course will cover some aspects of linear maps and differential equations, nonlinear systems, conservative dynamics, one-dimensional dynamics, and connections with ergodic theory and number theory.

3 Credits Prerequisites

• Math 564: Dynamical Systems

Instruction Type(s)

• Lecture: Lecture for Math 565

Subject Areas

• Analysis and Functional Analysis

Related Areas

- Algebra and Number Theory
- <u>Geometry/Geometric Analysis</u>
- <u>Mathematics</u>, General
- <u>Topology and Foundations</u>

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