Applied Math 3010–Fall 2016

Nonlinear Dynamical Systems and Chaos

Class: Instructor:

(Addison-Wesley, Reading)

MWF 12:00-12:50 James Meiss

analysis

dynamical

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systems. The emphasis will be on dynamics that model real world phenomena.

Assignments & Grading

Grades will be based on HW assignments and a project. The project will be due at the end of the semester and given as a presentation to the class during the last week. There will be no exams.

¹ See, e.g., Chaos theory and the interpretation of literary texts : the case of Kurt Vonnegut by K. Boon, Chaos theory, the stock market, and short term predictability by C.Taubel and Chaos theory in psychology edited by F. Abraham and A. Gilgen