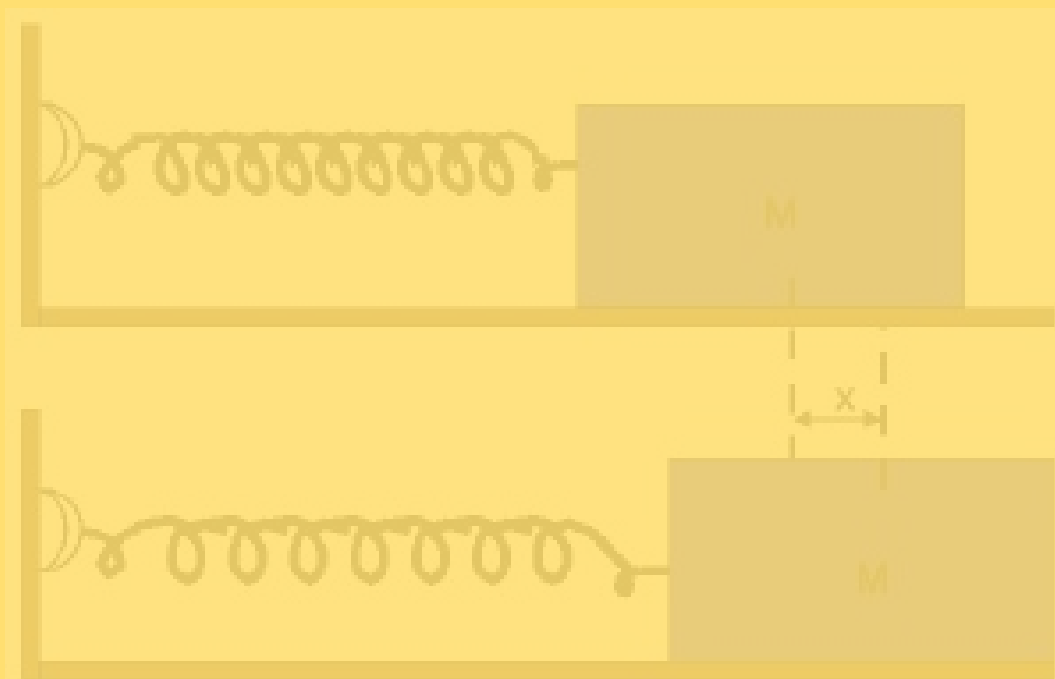# Introduction to One-Dimensional Dynamics

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AS-SMS
04 May, 14:30 - 15:30

The goal of this talk is to introduce many of the basic techniques from the theory of dynamical systems in a setting as simple as possible. For this reason, all the dynamics will be considered one dimensional i.e. on the real line or unit circle in the plane. We introduce topics such as hyperbolicity, topological conjugacy and structural stability. The main idea is to understand in the light of examples what it means for a dynamical system to be chaotic.

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