Differential Equations
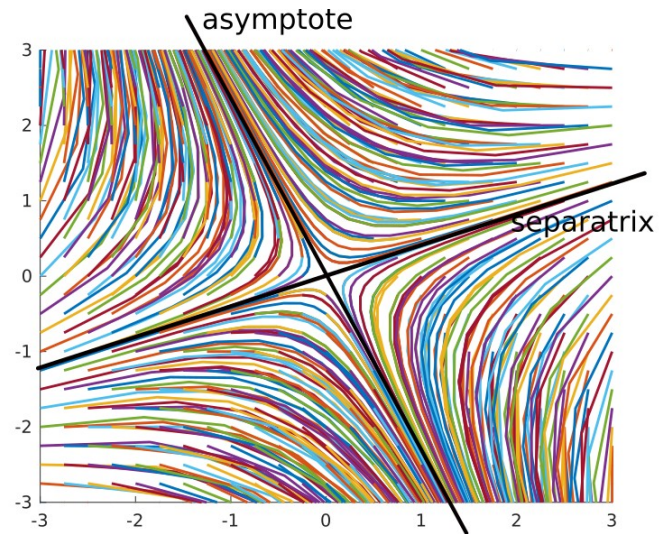# "Equations that describe the world"

University City campus
Fall 2023
Tu and Th 11:00-12:15

Lia Vas, Ph.D.   STC 244
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Differential Equations is a dynamic course which **puts your Calculus 1 and 2 knowledge in action**.
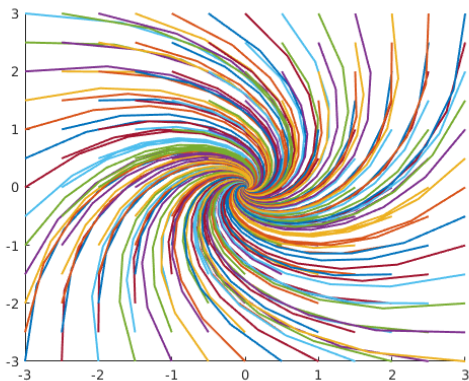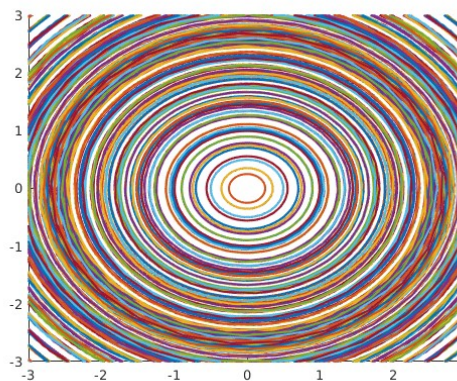

saddle point

Differential equations describe a wide variety of natural phenomena. The course introduces you to methods of solving some main types of differential equations (first and higher order equations and systems of differential equations), some methods of modeling natural phenomena described by differential equations, and applications in different disciplines such as physics, chemistry, and biology.
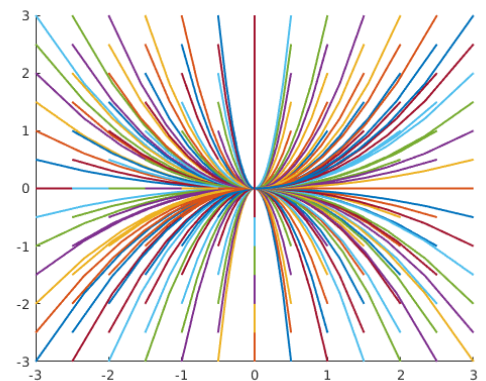
Prerequisite: Calculus 2

Mathematics Minors: This course can be used as a minor elective.

spiral point

center point

stable node