

MA320 Differential Equations

“Equations that describe the world”

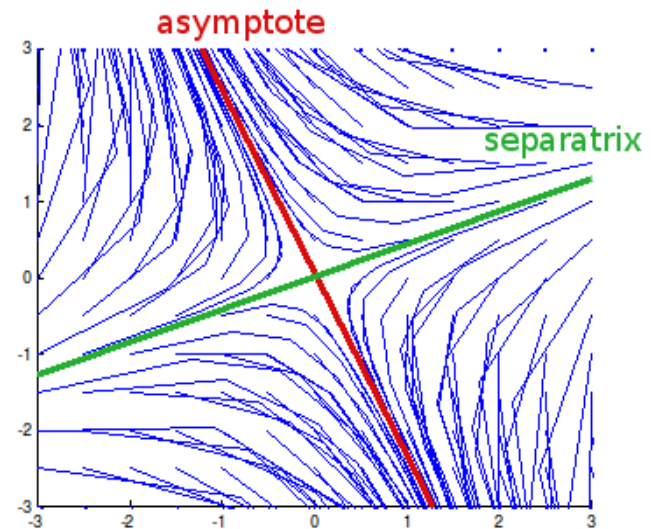
Offered in fall
semesters

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If calculus courses sparked your interest in mathematics but you still want to know more: this is the course for you.



saddle point

From Wikipedia:

“Many fundamental laws of **physics** and **chemistry** can be formulated as differential equations. In **biology** and **economics** differential equations are used to model the behavior of complex systems. (...) Diverse problems, sometimes originating in quite distinct scientific fields, may give rise to identical differential equations. Whenever this happens, mathematical theory behind the equations can be viewed as a unifying principle behind diverse phenomena.”

Prerequisite: Calculus 2 (MA221 or MA 201)

Mathematics Minors: MA320 can be used as a minor elective.

spiral point

center point

stable node

