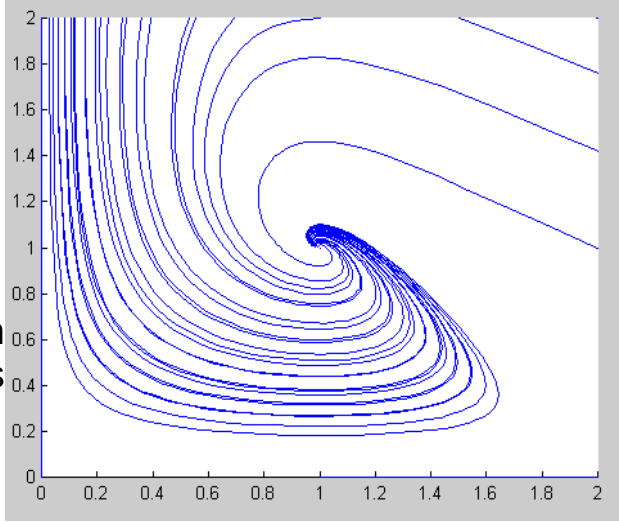
“Equations that describe the world”

MA320 Differential Equations

Coming in Fall 2011



spiral point

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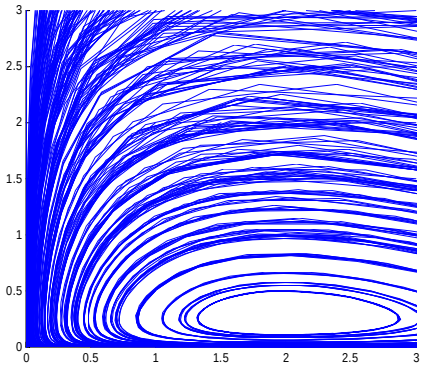
If calculus courses sparked your interest in mathematics but you still want to know more: this is the course for you.

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.”

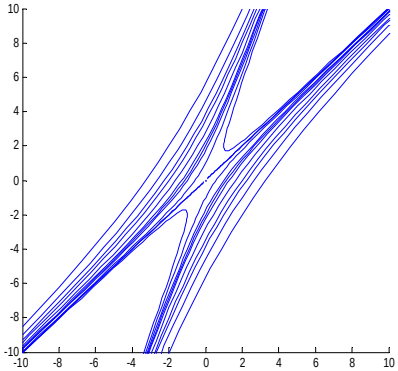
Prerequisite: Mathematical Analysis III (MA201)

Attention Mathematics Minors: MA320 can be used as an elective for the minor.

center point



saddle point



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