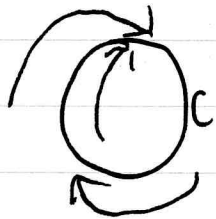


Unit 4 Lesson 7

- A limit cycle is a solution of a system of DEs that is periodic in nature; this is proposed in the lesson as a "this is very interesting" topic but we aren't expected to understand it deeply.
- For a limit cycle C , ~~they~~ it is given a name based off of how nearby solution curves behave:
 - Stable:



• Unstable:



• Semistable:



• Neutrally stable:

