

LC Tank with Resistance

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Abstract

The problem is to simulate the behaviour of a LC tank with a resistance applied across a voltage in series with given initial conditions of the charge in the capacitor and current in the inductor.

- Public git repo with open source code is available on https://github.com/vikaskurapatibat/SDES_Project1
- Ipython 2.3.0 is used to run the IPython notebook. So the version 2.3.0 or higher is preferable to run the notebook.
- numpy version 1.8.2 is used. So numpy version 1.8.2 or higher is preferred to run the code.
- matplotlib version 1.4.2 is used. So matplotlib version 1.4.2 or higher is preferred to run the code.