Instructions for running the simulation

1. Download the zip file and unzip it in your file system, revealing the codebase directory.

Graphical user interface, application

Description automatically generated



1. Open CMD Prompt/Terminal and run view.py. The program uses Flask and will tell you what server address to navigate to. Search the address on your browser (it should be <http://127.0.0.1:3000>).
2. Input the parameters you’d like to run the simulation with (note: do not use the Enter/Return key at all while navigating the form as it will submit the form before you finish. A ‘Submit’ button will appear once you have input your preferred values.

Text

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1. After clicking submit, there will be a wait of up to a minute (depending on your computer’s processing power and parameters you submitted).
2. Finally, a MatPlotLib animated figure will appear that will show you the solution and Fourier coefficients.

A picture containing line chart

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