

# Homework #3: Non-linear Optimization

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**Deliverable:** Report submitted to Gradescope by Monday October 21st, 23:59pm. Your report should be a PDF containing the following:

- Page 1: Solution to Part 2 (a)
- Page 2 onwards: PDF rendering of completed notebook.

**1. Non-linear Optimization** See `non_linear_optimization.ipynb`. You should use the conda environment of the previous homework. Navigate to your homework directory, and run jupyter notebook within the environment to start a server, and get started on the implementation.