Problem Set 7, due April 12, 2019
(Newton)

Non-convex

Solve Exercises 35, 36, 37 from the lecture notes. These exercises are carried over from last week.

Newton's Method

Solve Exercises 43, 45 from the lecture notes.

Quasi-Newton Methods

Solve Exercise 48.

Fixed Point Iteration

The Jupyter notebook in `template/` contains the solution from Lab 03's exercise on fixed point iteration. Please complete the notebook and adapt the algorithm to use Newton updates.