

Line Search Minimization (Constrained)

GitHub Repo: <https://github.com/liavcol/LineSearchMinimization>

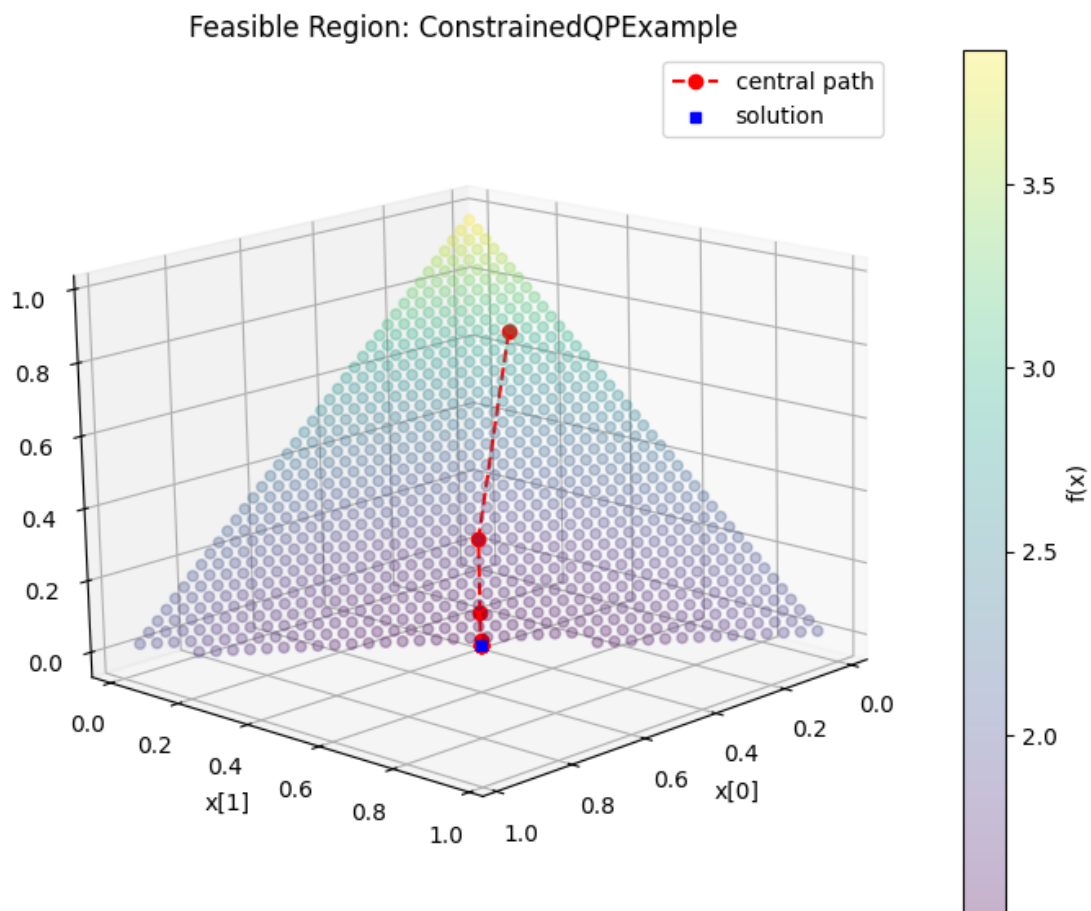
Constrained QP Example

Optimal solution: [0.5 0.5 0.]

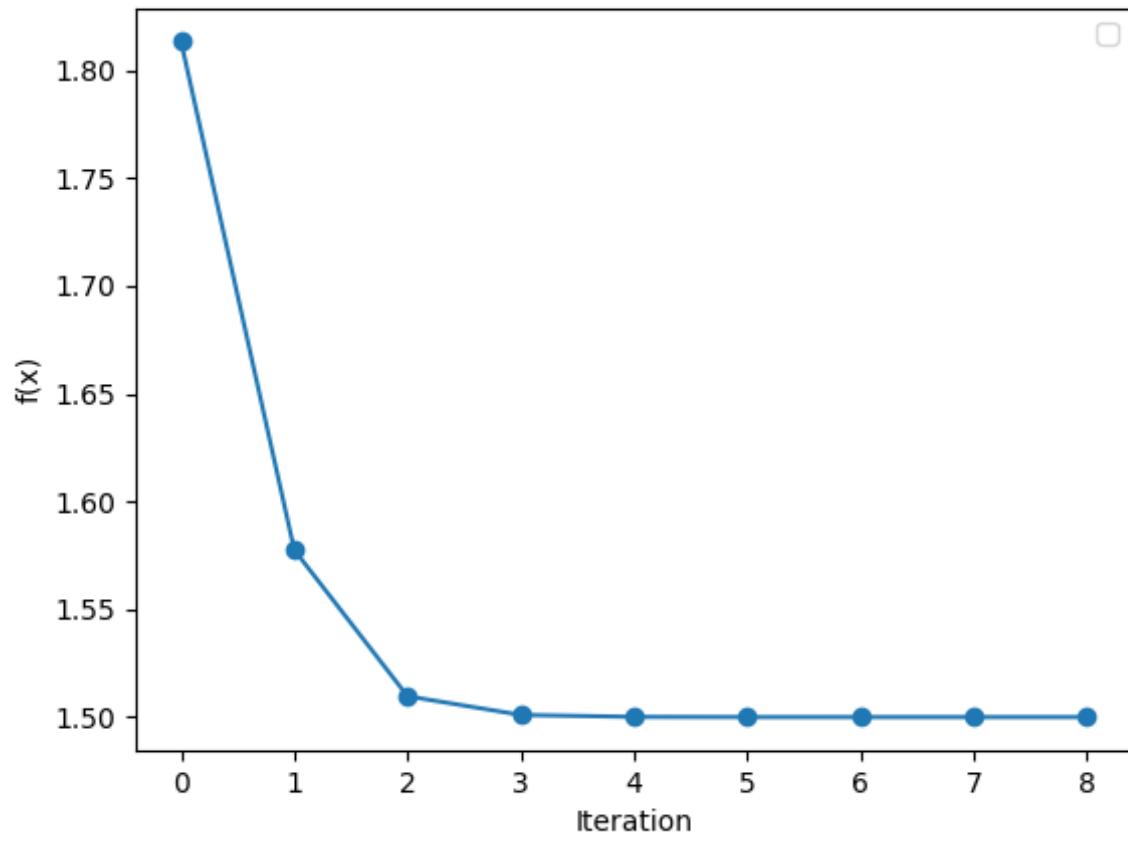
Objective value at optimal: 1.5

Inequality constraints at optimal:

- * -0.5
- * -0.5
- * -0.0



Objective value vs. iteration: ConstrainedQPExample



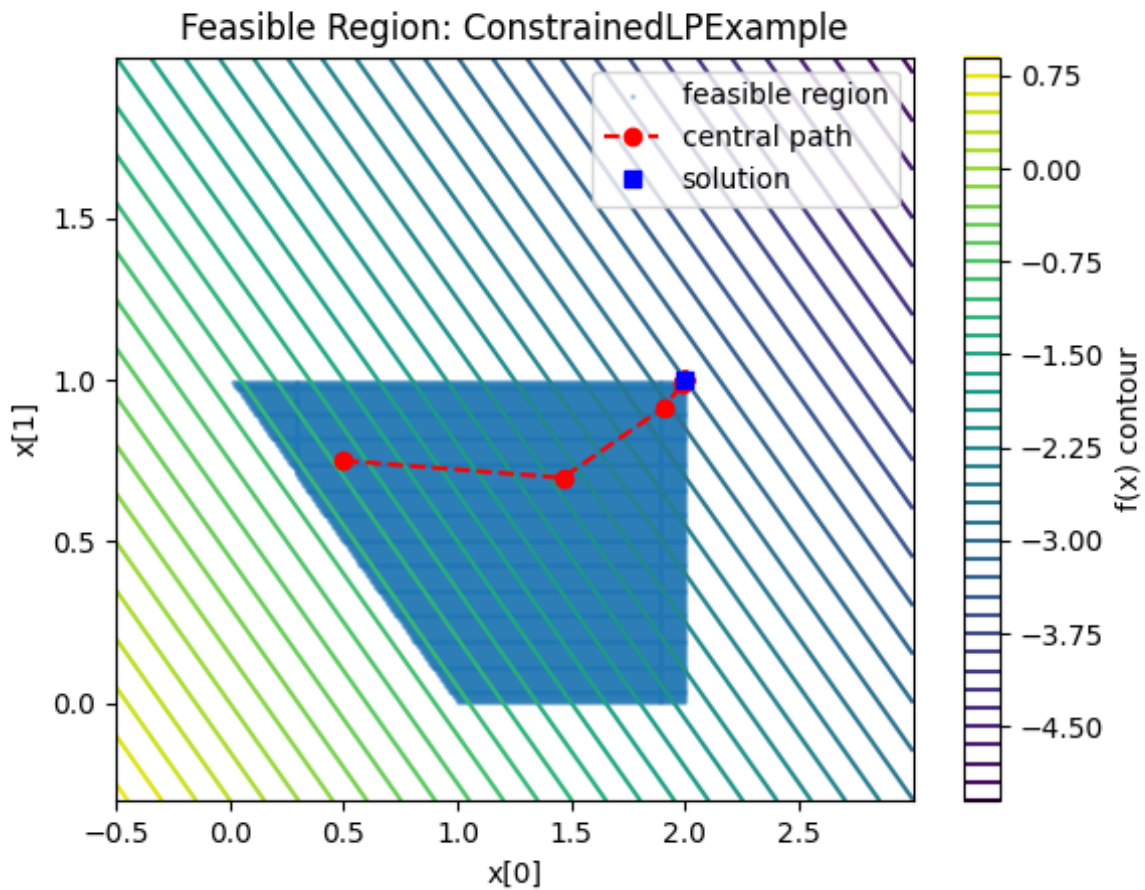
Constrained LP Example

Optimal solution: [2. 1.]

Objective value at optimal: -3.0

Inequality constraints at optimal:

- * -2.0
- * -0.0
- * -0.0
- * -1.0



Objective value vs. iteration: ConstrainedLPExample

