

Numerical Optimization, 2021 Fall

Project 2

Your Name

Your ID

Due on 23:59, Jan 2, 2022

1 Literature Review

Nowadays, [NEOS Solvers](#) provides dozens of useful solvers online, many of which are efficient and successful. These solvers have withstood long-term research and exams in the academic world, and are of great significance to the solution of real-world problems and the exploration of new algorithms. Please choose a few of the solvers that you are interested in and write a literature review.

Your article should be based on solvers listed on [NEOS Solvers](#) and should meet the following requirements:

1. Your discussion must include **three** solvers from the *Nonlinearly Constrained Optimization* section;
2. Your discussion must include **one** solver from the *Mixed Integer Linear Programming* section;
3. Your discussion **about each solver** should be **at least two pages long**;
4. Remember to include the algorithm frameworks of the solvers.

Please arrange your schedule reasonably and start this project as soon as possible, so as not to accumulate too much pressure at the end of the semester.