Johns Hopkins Engineering

Applied Machine Learning for Mechanical Engineers

Optimization, Part 2, B

JOHNS HOPKINS
WHITING SCHOOL
of ENGINEERING

Introduction to Linear Optimization Programming Packages

- By the end of this lecture you will be able to:
  - Implement “scipy.optimize.linprog” in Python
  - Implement “linprog” in MATLAB

Introduction to Linear Optimization Programming Packages

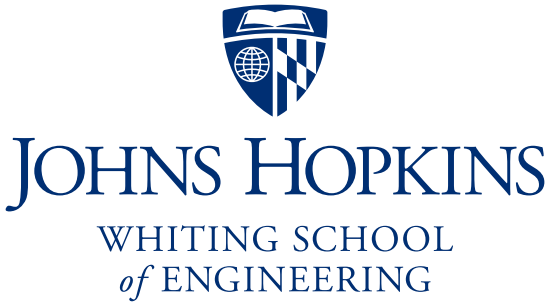
Let’s jump to Module02_B.ipynb

Introduction to Linear Optimization Programming Packages

Let’s jump to Module02_B.mlx

Introduction to Linear Optimization Programming Packages

- In this lecture, you learned about:
  - Implementation of “scipy.optimize.linprog” in Python
  - Implementation of “linprog” in MATLAB
- In the next lecture, we will go over available programming packages for nonlinear optimization problems.



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