

Johns Hopkins Engineering

Applied Machine Learning for Mechanical Engineers

Optimization, Part 2, D



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Introduction to Nonlinear Optimization Programming Packages

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

Introduction to Nonlinear Optimization Programming Packages

Let's jump to Module02_D.ipynb

Introduction to Nonlinear Optimization Programming Packages

Let's jump to Module02_D.mlx

Introduction to Nonlinear Optimization Programming Packages

- In this lecture, you learned about:
 - Implementation of “scipy.optimize.minimize” in Python
 - Implementation of “fmincon” in MATLAB
- In the next lecture, we will overview genetic algorithm in MATLAB.



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