

Exploring Lagrangian Optimization

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Section 1: The Extreme Value Theorem

Chapter 1

Optimizing in \mathbb{R}^2 ..

Chapter 2

..and in \mathbb{R}^3

Section 2: The Method of Lagrange Multipliers

Chapter 3

The \mathcal{L} Function

Chapter 4

$$\nabla \mathcal{L} = 0$$