

# LINEAR PROGRAMMING

VERSUS

# NONLINEAR PROGRAMMING

## LINEAR PROGRAMMING

A method to achieve the best outcome in a mathematical model whose requirements are represented by linear relationships

Helps to find the best solution to a problem using constraints that are linear

## NONLINEAR PROGRAMMING

A process of solving an optimization problem where the constraints or the objective functions are nonlinear

Helps to find the best solution to a problem using constraints that are nonlinear

# Linear And Nonlinear Programming Luenberger Solution

**Society for Industrial and Applied  
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