

NPTEL Video Lecture Topic List - Created by Linuxpert Systems, Chennai

NPTEL Video Course - Mathematics - NOC:Nonlinear Programming

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Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Convex Sets and Functions
Lecture 2 - Properties of Convex Functions - I
Lecture 3 - Properties of Convex Functions - II
Lecture 4 - Properties of Convex Functions- III
Lecture 5 - Convex Programming Problems
Lecture 6 - KKT optimality conditions
Lecture 7 - Quadratic Programming Problems - I
Lecture 8 - Quadratic Programming Problems - II
Lecture 9 - Separable Programming - I
Lecture 10 - Separable Programming - II
Lecture 11 - Geometric Programming - I
Lecture 12 - Geometric Programming - II
Lecture 13 - Geometric Programming - III
Lecture 14 - Dynamic Programming - I
Lecture 15 - Dynamic Programming - II
Lecture 16 - Dynamic programming approach to find shortest path in any network
Lecture 17 - Dynamic Programming - IV
Lecture 18 - Search Techniques - I
Lecture 19 - Search Techniques - II
Lecture 20 - Search Techniques - III