

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

NPTEL Video Course - Chemical Engineering - NOC:Optimization in Chemical Engineering

Subject Co-ordinator - Prof. Debasis Sarkar

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction to Optimization
Lecture 2 - Introduction to Optimization (Continued...)
Lecture 3 - Introduction to Optimization (Continued...)
Lecture 4 - Introduction of Optimization (Continued...)
Lecture 5 - Introduction of Optimization (Continued...)
Lecture 6 - Optimization Problem Formulation
Lecture 7 - Optimization Problem Formulation (Continued...)
Lecture 8 - Optimization Problem Formulation (Continued...)
Lecture 9 - Optimization Problem Formulation (Continued...)
Lecture 10 - Optimization Problem Formulation (Continued...)
Lecture 11 - Basic Concepts of Optimization - I
Lecture 12 - Basic Concepts of Optimization - I (Continued...)
Lecture 13 - Basic Concepts of Optimization - I (Continued...)
Lecture 14 - Basic Concepts of Optimization - I (Continued...)
Lecture 15 - Basic Concepts of Optimization - I (Continued...)
Lecture 16 - Basic Concepts of Optimization - II
Lecture 17 - Basic Concepts of Optimization - II (Continued...)
Lecture 18 - Basic Concepts of Optimization - II (Continued...)
Lecture 19 - Basic Concepts of Optimization - II (Continued...)
Lecture 20 - Basic Concepts of Optimization - II (Continued...)
Lecture 21 - Unconstrained Single Variable Optimization
Lecture 22 - Unconstrained Single Variable Optimization
Lecture 23 - Unconstrained Single Variable Optimization
Lecture 24 - Unconstrained Single Variable Optimization
Lecture 25 - Unconstrained Single Variable Optimization
Lecture 26 - Unconstrained Multivariable Optimization
Lecture 27 - Unconstrained Multivariable Optimization
Lecture 28 - Unconstrained Multivariable Optimization
Lecture 29 - Unconstrained Multivariable Optimization

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- Lecture 30 - Unconstrained Multivariable Optimization
- Lecture 31 - Unconstrained Multivariable Optimization
- Lecture 32 - Unconstrained Multivariable Optimization
- Lecture 33 - Unconstrained Multivariable Optimization
- Lecture 34 - Unconstrained Multivariable Optimization
- Lecture 35 - Unconstrained Multivariable Optimization
- Lecture 36 - Introduction to Linear Programming
- Lecture 37 - Introduction to Linear Programming (Continued...)
- Lecture 38 - Introduction to Linear Programming (Continued...)
- Lecture 39 - Introduction to Linear Programming (Continued...)
- Lecture 40 - Introduction to Linear Programming (Continued...)
- Lecture 41 - Linear Programming - The Simplex Method
- Lecture 42 - Linear Programming - The Simplex Method (Continued...)
- Lecture 43 - Linear Programming - The Simplex Method (Continued...)
- Lecture 44 - Linear Programming - The Simplex Method (Continued...)
- Lecture 45 - Linear Programming - The Simplex Method (Continued...)
- Lecture 46 - Constrained Nonlinear Programming
- Lecture 47 - Constrained Nonlinear Programming (Continued...)
- Lecture 48 - Constrained Nonlinear Programming (Continued...)
- Lecture 49 - Constrained Nonlinear Programming (Continued...)
- Lecture 50 - Constrained Nonlinear Programming (Continued...)
- Lecture 51 - Applications of Optimization
- Lecture 52 - Applications of Optimization (Continued...)
- Lecture 53 - Applications of Optimization (Continued...)
- Lecture 54 - Applications of Optimization (Continued...)
- Lecture 55 - Applications of Optimization (Continued...)
- Lecture 56 - Software Tools for Optimization
- Lecture 57 - Software Tools for Optimization (Continued...)
- Lecture 58 - Software Tools for Optimization (Continued...)
- Lecture 59 - Software Tools for Optimization (Continued...)
- Lecture 60 - Software Tools for Optimization (Continued...)