

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

NPTEL Video Course - Chemical Engineering - Computational Techniques

Subject Co-ordinator - Dr. Niket S. Kaisare

Co-ordinating Institute - IIT - Madras

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

Lecture 1 - Introduction
Lecture 2 - Computational and Error Analysis
Lecture 3 - Linear Equations - Part 1
Lecture 4 - Linear Equations - Part 2
Lecture 5 - Linear Equations - Part 3
Lecture 6 - Linear Equations - Part 4
Lecture 7 - Linear Equations - Part 5
Lecture 8 - Linear Equations - Part 6
Lecture 9 - Non Linear Algebraic Equations - Part 1
Lecture 10 - Non Linear Algebraic Equations - Part 2
Lecture 11 - Non Linear Algebraic Equations - Part 3
Lecture 12 - Non Linear Algebraic Equations - Part 4
Lecture 13 - Non Linear Algebraic Equations - Part 5
Lecture 14 - Non Linear Algebraic Equations - Part 6
Lecture 15 - Regression and Interpolation - Part 1
Lecture 16 - Regression and Interpolation - Part 2
Lecture 17 - Regression and Interpolation - Part 3
Lecture 18 - Regression and Interpolation - Part 4
Lecture 19 - Regression and Interpolation - Part 5
Lecture 20 - Differentiation and Integration - Part 1
Lecture 21 - Differentiation and Integration - Part 2
Lecture 22 - Differentiation and Integration - Part 3
Lecture 23 - Differentiation and Integration - Part 4
Lecture 24 - Differentiation and Integration - Part 5
Lecture 25 - Ordinary Differential Equations (initial value problems) - Part 1
Lecture 26 - Ordinary Differential Equations (initial value problems) - Part 2
Lecture 27 - Ordinary Differential Equations (initial value problems) - Part 3
Lecture 28 - Ordinary Differential Equations (initial value problems) - Part 4
Lecture 29 - Ordinary Differential Equations (initial value problems) - Part 5

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- Lecture 30 - Ordinary Differential Equations (initial value problems) - Part 6
- Lecture 31 - Ordinary Differential Equations (initial value problems) - Part 7
- Lecture 32 - Ordinary Differential Equations (initial value problems) - Part 8
- Lecture 33 - Ordinary Differential Equations (initial value problems) - Part 9
- Lecture 34 - Ordinary Differential Equations (boundary value problems) - Part 1
- Lecture 35 - Ordinary Differential Equations (boundary value problems) - Part 2
- Lecture 36 - Ordinary Differential Equations (boundary value problems) - Part 3
- Lecture 37 - Partial Differential Equations - Part 1
- Lecture 38 - Partial Differential Equations - Part 2
- Lecture 39 - Partial Differential Equations - Part 3
- Lecture 40 - Partial Differential Equations - Part 4