

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

NPTEL Video Course - Civil Engineering - NOC:Hydraulic Engineering

Subject Co-ordinator - Prof. Mohammad Saud Afzal

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Basics of fluid mechanics - I
Lecture 2 - Basics of fluid mechanics - I (Continued...)
Lecture 3 - Basics of fluid mechanics - I (Continued...)
Lecture 4 - Basics of fluid mechanics - I (Continued...)
Lecture 5 - Basics of fluid mechanics - I (Continued...)
Lecture 6 - Basics of fluid mechanics - II
Lecture 7 - Basics of fluid mechanics - II (Continued...)
Lecture 8 - Basics of fluid mechanics - II (Continued...)
Lecture 9 - Basics of fluid mechanics - II (Continued...)
Lecture 10 - Basics of fluid mechanics - II (Continued...)
Lecture 11 - Basics of fluid mechanics - II (Continued...)
Lecture 12 - Laminar and turbulent flow
Lecture 13 - Laminar and turbulent flow (Continued...)
Lecture 14 - Laminar and turbulent flow (Continued...)
Lecture 15 - Laminar and turbulent flow (Continued...)
Lecture 16 - Laminar and turbulent flow (Continued...)
Lecture 17 - Boundary Layer Theory
Lecture 18 - Boundary Layer Theory (Continued...)
Lecture 19 - Boundary Layer Theory (Continued...)
Lecture 20 - Boundary Layer Theory (Continued...)
Lecture 21 - Boundary Layer Theory (Continued...)
Lecture 22 - Boundary Layer Theory (Continued...)
Lecture 23 - Dimensional Analysis and Hydraulic Similitude
Lecture 24 - Dimensional Analysis and Hydraulic Similitude (Continued...)
Lecture 25 - Dimensional Analysis and Hydraulic Similitude (Continued...)
Lecture 26 - Dimensional Analysis and Hydraulic Similitude (Continued...)
Lecture 27 - Dimensional Analysis and Hydraulic Similitude (Continued...)
Lecture 28 - Introduction to Open Channel Flow and Uniform Flow
Lecture 29 - Introduction to Open Channel Flow and Uniform Flow (Continued...)

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- Lecture 30 - Introduction to Open Channel Flow and Uniform Flow (Continued...)
- Lecture 31 - Introduction to Open Channel Flow and Uniform Flow (Continued...)
- Lecture 32 - Introduction to Open Channel Flow and Uniform Flow (Continued...)
- Lecture 33 - Introduction to Open Channel Flow and Uniform Flow (Continued...)
- Lecture 34 - Non-uniform flow and hydraulic jump
- Lecture 35 - Non-uniform flow and hydraulic jump (Continued...)
- Lecture 36 - Non-uniform flow and hydraulic jump (Continued...)
- Lecture 37 - Non-uniform flow and hydraulic jump (Continued...)
- Lecture 38 - Pipe flow
- Lecture 39 - Pipe flow (Continued...)
- Lecture 40 - Pipe flow (Continued...)
- Lecture 41 - Pipe flow (Continued...)
- Lecture 42 - Pipe flow (Continued...)
- Lecture 43 - Pipe networks
- Lecture 44 - Pipe networks (Continued...)
- Lecture 45 - Pipe networks (Continued...)
- Lecture 46 - Pipe networks (Continued...)
- Lecture 47 - Pipe networks (Continued...)
- Lecture 48 - Viscous fluid flow
- Lecture 49 - Viscous fluid flow (Continued...)
- Lecture 50 - Viscous fluid flow (Continued...)
- Lecture 51 - Viscous fluid flow (Continued...)
- Lecture 52 - Viscous fluid flow (Continued...)
- Lecture 53 - Viscous fluid flow (Continued...)
- Lecture 54 - Computational fluid dynamics
- Lecture 55 - Computational fluid dynamics (Continued...)
- Lecture 56 - Computational fluid dynamics (Continued...)
- Lecture 57 - Computational fluid dynamics (Continued...)
- Lecture 58 - Computational fluid dynamics (Continued...)
- Lecture 59 - Introduction to wave mechanics
- Lecture 60 - Introduction to wave mechanics (Continued...)
- Lecture 61 - Introduction to wave mechanics (Continued...)
- Lecture 62 - Introduction to wave mechanics (Continued...)
- Lecture 63 - Introduction to wave mechanics (Continued...)