

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

NPTEL Video Course - Mechanical Engineering - Fluid Mechanics

Subject Co-ordinator - Prof. S.K. Som

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction and Fundamental Concepts - Part I
Lecture 2 - Introduction and Fundamental Concepts - Part II
Lecture 3 - Introduction and Fundamental Concepts - Part III
Lecture 4 - Fluid Statics - Part I
Lecture 5 - Fluid Statics - Part II
Lecture 6 - Fluid Statics - Part III
Lecture 7 - Fluid Statics - Part IV
Lecture 8 - Fluid Statics - Part V
Lecture 9 - Fluid Statics - Part VI
Lecture 10 - Kinematics of Fluid - Part I
Lecture 11 - Kinematics of Fluid - Part II
Lecture 12 - Kinematics of Fluid - Part III
Lecture 13 - Conservation Equations in Fluid Flow - Part I
Lecture 14 - Conservation Equations in Fluid Flow - Part II
Lecture 15 - Conservation Equations in Fluid Flow - Part III
Lecture 16 - Conservation Equations in Fluid Flow - Part IV
Lecture 17 - Conservation Equations in Fluid Flow - Part V
Lecture 18 - Conservation Equations in Fluid Flow - Part VI
Lecture 19 - Conservation Equations in Fluid Flow - Part VII
Lecture 20 - Conservation Equations in Fluid Flow - Part VIII
Lecture 21 - Conservation Equations in Fluid Flow - Part IX
Lecture 22 - Fluid Flow Applications - Part I
Lecture 23 - Fluid Flow Applications - Part II
Lecture 24 - Fluid Flow Applications - Part III
Lecture 25 - Fluid Flow Applications - Part IV
Lecture 26 - Fluid Flow Applications - Part V
Lecture 27 - Fluid Flow Applications - Part VI
Lecture 28 - Fluid Flow Applications - Part VII
Lecture 29 - Incompressible Viscous Flows - Part I

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- Lecture 30 - Incompressible Viscous Flows - Part II
- Lecture 31 - Incompressible Viscous Flows - Part III
- Lecture 32 - Incompressible Viscous Flows - Part IV
- Lecture 33 - Application of ViscousFlow Through Pipes - Part I
- Lecture 34 - Application of ViscousFlow Through Pipes - Part II
- Lecture 35 - Application of ViscousFlow Through Pipes - Part III
- Lecture 36 - Principles of Similarity - Part I
- Lecture 37 - Principles of Similarity - Part II
- Lecture 38 - Principles of Similarity - Part III
- Lecture 39 - Flow of Ideal Fluids - Part I
- Lecture 40 - Flow of Ideal Fluids - Part II
- Lecture 41 - Flows with a Free Surface - Part I
- Lecture 42 - Flows with a Free Surface - Part II
- Lecture 43 - Flows with a Free Surface - Part III
- Lecture 44 - A Few Unsteady Flow Phenomena in Practice - Part I
- Lecture 45 - A Few Unsteady Flow Phenomena in Practice - Part II
- Lecture 46 - Introduction to Laminar Boundary Layer - Part I
- Lecture 47 - Introduction to Laminar Boundary Layer - Part II
- Lecture 48 - Introduction to Turbulent Flow - Part I
- Lecture 49 - Introduction to Turbulent Flow - Part II