

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

NPTEL Video Course - Ocean Engineering - Wave Hydrodynamics

Subject Co-ordinator - Prof. V. Sundar

Co-ordinating Institute - IIT - Madras

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

Lecture 1 - Basic Fluid Dynamics - I
Lecture 2 - Basic Fluid Dynamics - II
Lecture 3 - Introduction
Lecture 4 - Wave Motion - I
Lecture 5 - Wave Motion - II
Lecture 6 - Wave Motion - III
Lecture 7 - Wave Motion Problems
Lecture 8 - Standing Wave Theory
Lecture 9 - Wave Deformation - I
Lecture 10 - Wave Deformation - II
Lecture 11 - Wave Deformation and Problems
Lecture 12 - Random Waves
Lecture 13 - Random Waves and Problems - I
Lecture 14 - Random Waves and Problems - II
Lecture 15 - Random Waves and Problems - III
Lecture 16 - Simulation of Random Waves
Lecture 17 - Directional waves
Lecture 18 - Wave Loads on Structures - I
Lecture 19 - Wave Loads on Structures - II
Lecture 20 - Wave Loads on Structures and Problems - I
Lecture 21 - Wave Loads on Structures and Problems - II
Lecture 22 - Wave loads on Large Boides
Lecture 23 - Finite Amplitude Wave Theories
Lecture 24 - Hydrodynamic Testing Facility
Lecture 25 - Hydrodynamic Testing Facility at IITM

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