

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

NPTEL Video Course - Metallurgy and Material Science - NOC:Mechanical Behavior of Materials

Subject Co-ordinator - Prof. S. Sankaran

Co-ordinating Institute - IIT - Madras

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

Lecture 1 - Introduction
Lecture 2 - Chemical Bonding in Materials
Lecture 3 - Strength of materials - A Short Overview - Part I
Lecture 4 - Strength of materials - A Short Overview - Part II
Lecture 5 - Strength of materials - A Short Overview - Part III
Lecture 6 - Strength of materials - A Short Overview - Part IV
Lecture 7 - Strength of materials - A Short Overview - Part V
Lecture 8 - Elastic Stress- Strain Relations - Part I
Lecture 9 - Elastic Stress- Strain Relations - Part II
Lecture 10 - Elastic properties - Part I
Lecture 11 - Elastic properties - Part II
Lecture 12 - Anelasticity
Lecture 13 - Introduction to Dislocations - I
Lecture 14 - Introduction to Dislocations - II
Lecture 15 - Introduction to Dislocations - III
Lecture 16 - Introduction to Dislocations - IV
Lecture 17 - Introduction to Dislocations - V
Lecture 18 - Introduction to Dislocations - VI
Lecture 19 - Introduction to Dislocations - VII
Lecture 20 - Introduction to Dislocations - VIII
Lecture 21 - Introduction to Dislocations - IX
Lecture 22 - Introduction to Plastic deformation - I
Lecture 23 - Introduction to Plastic deformation - II
Lecture 24 - Introduction to Plastic Deformation - III
Lecture 25 - Introduction to Plastic Deformation - IV
Lecture 26 - Introduction to Plastic Deformation - V
Lecture 27 - Introduction to Plastic Deformation - VI
Lecture 28 - Strengthening Mechanisms in Crystalline Materials - I
Lecture 29 - Strengthening Mechanisms in Crystalline Materials - II

Get DIGIMAT For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

<http://www.digimat.in>

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

Lecture 30 - Strengthening Mechanisms in Crystalline Materials - III
Lecture 31 - Strengthening Mechanisms in Crystalline Materials - IV
Lecture 32 - Strengthening Mechanisms in Crystalline Materials - V
Lecture 33 - Mechanical Testing - I
Lecture 34 - Mechanical Testing - II
Lecture 35 - Mechanical Testing - III
Lecture 36 - Mechanical Testing - IV
Lecture 37 - Mechanical Testing - V
Lecture 38 - Mechanical Testing - VI
Lecture 39 - Mechanical Testing - VII
Lecture 40 - Mechanical Testing - VIII
Lecture 41 - Mechanical Testing - IX
Lecture 42 - Mechanical Testing - X
Lecture 43 - Creep - I
Lecture 44 - Creep - II
Lecture 45 - Creep - III
Lecture 46 - Creep - IV
Lecture 47 - Creep - V
Lecture 48 - Creep - VI
Lecture 49 - Fracture Mechanics - I
Lecture 50 - Fracture Mechanics - II
Lecture 51 - Fracture Mechanics - III
Lecture 52 - Fracture Mechanics - IV
Lecture 53 - Fracture Mechanics - V
Lecture 54 - Fracture Mechanics - VI
Lecture 55 - Fracture Mechanics - VII
Lecture 56 - Fracture Mechanics - VIII
Lecture 57 - Fracture Mechanics - IX
Lecture 58 - Fracture Mechanics - X
Lecture 59 - Fracture Mechanics - XI
Lecture 60 - Fatigue - I
Lecture 61 - Fatigue - II
Lecture 62 - Fatigue - III
Lecture 63 - Fatigue - IV
Lecture 64 - Fatigue - V