NPTEL Video Course - Mechanical Engineering - NOC:Dynamic Behaviour of Materials

Subject Co-ordinator - Prof. Prasenjit Khanikar

Co-ordinating Institute - IIT - Guwahati

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

Lecture 30 - Shock Wave Induced Phase Transformations - 3
Lecture 31 - Shock Wave Induced Phase Transformations - 4
Lecture 32 - Experimental Techniques for Dynamic Deformation - 1
Lecture 33 - Experimental Techniques for Dynamic Deformation - 2
Lecture 34 - Plastic Deformation at High Strain Rates - 1
Lecture 35 - Plastic Deformation at High Strain Rates - 2
Lecture 36 - Plastic Deformation at High Strain Rates - 3
Lecture 37 - Plastic Deformation at High Strain Rates - 4
Lecture 38 - Plastic Deformation at High Strain Rates - 5
Lecture 39 - Plastic Deformation Under Shock Waves - 1
Lecture 40 - Plastic Deformation Under Shock Waves - 2
Lecture 41 - Plastic Deformation Under Shock Waves - 3
Lecture 42 - Shear Band - 1
Lecture 43 - Shear Band - 2
Lecture 44 - Dynamic Fracture - 1
Lecture 45 - Dynamic Fracture - 2