

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

NPTEL Video Course - Physics - Quantum Electronics

Subject Co-ordinator - Prof. K. Thyagarajan

Co-ordinating Institute - IIT - Delhi

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

Lecture 1 - Introduction
Lecture 2 - Anisotropic Media
Lecture 3 - Anisotropic Media (Continued...)
Lecture 4 - Anisotropic Media (Continued...)
Lecture 5 - Nonlinear optical effects and nonlinear polarization
Lecture 6 - Non - Linear Optics (Continued...)
Lecture 7 - Non - Linear Optics (Continued...)
Lecture 8 - Non - Linear Optics (Continued...)
Lecture 9 - Non - Linear Optics (Continued...)
Lecture 10 - Non - Linear Optics - Quasi Phase Matching
Lecture 11 - Non - Linear Optics
Lecture 12 - Non Linear Optics (Continued...)
Lecture 13 - Non Linear Optics (Continued...)
Lecture 14 - Non Linear Optics (Continued...)
Lecture 15 - Non Linear Optics (Continued...)
Lecture 16 - Non Linear Optics (Continued...)
Lecture 17 - Non Linear Optics (Continued...)
Lecture 18 - Non Linear Optics (Continued...)
Lecture 19 - Non Linear Optics (Continued...)
Lecture 20 - Third Order Non - Linear Effects
Lecture 21 - Third Order Non - Linear Effects (Continued...)
Lecture 22 - Third Order Non - Linear Effects (Continued...)
Lecture 23 - Third Order Non - Linear Effects (Continued...)
Lecture 24 - Review of Quantum Mechanics
Lecture 25 - Review of Quantum Mechanics (Continued...)
Lecture 26 - Review of Quantum Mechanics (Continued...)
Lecture 27 - Quantization of EM Field
Lecture 28 - Quantization of EM Field (Continued...)
Lecture 29 - Quantization of EM Field (Continued...)

Get Digi-MAT (Digital Media Access Terminal) For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

www.digimat.in

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

- Lecture 30 - Quantum States of EM Field
- Lecture 31 - Quantum States of EM Field (Continued...)
- Lecture 32 - Quantization of EM Field (Continued...)
- Lecture 33 - Quantization of EM Field (Continued...)
- Lecture 34 - Quantization of EM Field (Continued...)
- Lecture 35 - Quantization of EM Field (Continued...)
- Lecture 36 - Quantization of EM Field (Continued...)
- Lecture 37 - Beam Splitter
- Lecture 38 - Beam Splitter (Continued...)
- Lecture 39 - Beam Splitter and Balanced Homodyning
- Lecture 40 - Balanced Homodyning
- Lecture 41 - Quantum Picture of Parametric Down Conversion
- Lecture 42 - Questions