

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

NPTEL Video Course - Electrical Engineering - NOC:Power Quality

Subject Co-ordinator - Prof. Bhim Singh

Co-ordinating Institute - IIT - Delhi

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

Lecture 1 - Power Quality - An Introduction
Lecture 2 - Power Quality Standards and Monitoring
Lecture 3 - Power Quality Standards and Monitoring (Continued...)
Lecture 4 - Passive Shunt and Series Compensations
Lecture 5 - Passive Shunt and Series Compensations (Continued...)
Lecture 6 - Passive Shunt and Series Compensations (Continued...)
Lecture 7 - Active Shunt Compensation
Lecture 8 - Active Shunt Compensation (Continued...)
Lecture 9 - Active Shunt Compensation (Continued...)
Lecture 10 - Active Series Compensation
Lecture 11 - Active Series Compensation (Continued...)
Lecture 12 - Unified Power Quality Compensators
Lecture 13 - Unified Power Quality Compensators (Continued...)
Lecture 14 - Unified Power Quality Compensators (Continued...)
Lecture 15 - Loads Which Cause Power Quality Problems
Lecture 16 - Loads Which Cause Power Quality Problems (Continued...)
Lecture 17 - Passive Power Filters
Lecture 18 - Passive Power Filters (Continued...)
Lecture 19 - Passive Power Filters (Continued...)
Lecture 20 - Shunt Active Power Filters
Lecture 21 - Shunt Active Power Filters (Continued...)
Lecture 22 - Shunt Active Power Filters (Continued...)
Lecture 23 - Active Series Power Filters
Lecture 24 - Active Series Power Filters (Continued...)
Lecture 25 - Active Series Power Filters (Continued...)
Lecture 26 - Hybrid Power Filters
Lecture 27 - Hybrid Power Filters (Continued...)
Lecture 28 - Hybrid Power Filters (Continued...)
Lecture 29 - AC-DC Converters That Cause Power Quality

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- Lecture 30 - Improved Power Quality Converters - AC-DC Boost Converters
- Lecture 31 - Improved Power Quality Converters - AC-DC Boost Converters (Continued...)
- Lecture 32 - Improved Power Quality Converters - AC-DC Buck Converters
- Lecture 33 - Improved Power Quality Converters - AC-DC Buck-Boost Converters
- Lecture 34 - Improved Power Quality Converters - AC-DC Buck-Boost Converters (Continued...)
- Lecture 35 - Improved Power Quality Converters - AC-DC Buck-Boost Converters (Continued...)
- Lecture 36 - Three Phase AC-DC Improved Power Quality Converters
- Lecture 37 - Multipulse Converters
- Lecture 38 - Multipulse Converters (Continued...)
- Lecture 39 - Multipulse Converters (Continued...)
- Lecture 40 - Power Quality Improvement in Solar Energy Conversion System
- Lecture 41 - Power Quality Improvement in Solar Energy Conversion System (Continued...)
- Lecture 42 - Power Quality Improvement in Wind Energy Conversion System
- Lecture 43 - Power Quality Improvement in Diesel Generator Set Based Power Supply System
- Lecture 44 - Power Quality Improvement in Diesel Generator Set Based Power Supply System (Continued...)
- Lecture 45 - Power Quality Improvement in Distributed Generation Sources Based Microgrids