

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

NPTEL Video Course - Electronics and Communication Engineering - NOC:Power System Analysis

Subject Co-ordinator - Prof. Debapriya Das

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Structure of Power Systems and Few other Aspects - I
- Lecture 2 - Structure of Power Systems and Few other Aspects - II
- Lecture 3 - Structure of Power Systems and Few other Aspects - III
- Lecture 4 - Resistance and Inductance
- Lecture 5 - Resistance and Inductance (Continued...)
- Lecture 6 - Resistance and Inductance (Continued...)
- Lecture 7 - Resistance and Inductance (Continued...)
- Lecture 8 - Resistance and Inductance (Continued...)
- Lecture 9 - Resistance and Inductance (Continued...)
- Lecture 10 - Resistance and Inductance (Continued...)
- Lecture 11 - Capacitance of Transmission Lines
- Lecture 12 - Capacitance of Transmission Lines (Continued...)
- Lecture 13 - Capacitance of Transmission Lines (Continued...)
- Lecture 14 - Capacitance of Transmission Lines (Continued...)
- Lecture 15 - Power System Components and per-unit system
- Lecture 16 - Power System Components and per-unit system (Continued...)
- Lecture 17 - Power System Components and per-unit system (Continued...)
- Lecture 18 - Power System Components and per-unit system (Continued...)
- Lecture 19 - Power System Components and per-unit system (Continued...)
- Lecture 20 - Power System Components and per-unit system (Continued...)
- Lecture 21 - Characteristic and performance of transmission lines
- Lecture 22 - Characteristic and performance of transmission lines (Continued...)
- Lecture 23 - Characteristic and performance of transmission lines (Continued...)
- Lecture 24 - Characteristic and performance of transmission lines (Continued...)
- Lecture 25 - Characteristic and performance of transmission lines (Continued...)
- Lecture 26 - Load flow studies
- Lecture 27 - Load flow studies (Continued...)
- Lecture 28 - Load flow studies (Continued...)
- Lecture 29 - Load flow studies (Continued...)

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- Lecture 30 - Load flow studies (Continued...)
- Lecture 31
- Lecture 32
- Lecture 33
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- Lecture 35
- Lecture 36 - Load flow studies (Continued...)
- Lecture 37 - Optimal system operation
- Lecture 38 - Optimal system operation (Continued...)
- Lecture 39 - Optimal system operation (Continued...)
- Lecture 40 - Optimal system operation (Continued...)
- Lecture 41 - Optimal system operation (Continued...)
- Lecture 42 - Optimal system operation (Continued...)
- Lecture 43 - Optimal system operation (Continued...)
- Lecture 44 - Optimal system operation (Continued...)
- Lecture 45 - Three phase fault studies
- Lecture 46 - Three phase fault studies (Continued...)
- Lecture 47 - Three phase fault studies (Continued...)
- Lecture 48 - Three phase fault studies (Continued...)
- Lecture 49 - Symmetrical components
- Lecture 50 - Symmetrical components (Continued...)
- Lecture 51 - Symmetrical components (Continued...)
- Lecture 52 - Symmetrical components (Continued...)
- Lecture 53 - Symmetrical components (Continued...)
- Lecture 54 - Symmetrical components (Continued...)
- Lecture 55 - Power system stability>
- Lecture 56 - Power system stability (Continued...)
- Lecture 57 - Power system stability (Continued...)
- Lecture 58 - Power system stability (Continued...)
- Lecture 59 - Power system stability (Continued...)
- Lecture 60 - Power system stability (Continued...)