

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

NPTEL Video Course - Electronics and Communication Engineering - Electronics for Analog Signal Processing - I

Subject Co-ordinator - Prof. K. Radhakrishna Rao

Co-ordinating Institute - IIT - Madras | Texas Instruments - India

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

- Lecture 1 - Feedback Theory
- Lecture 2 - Negative Feedback
- Lecture 3 - Negative Feedback
- Lecture 4 - Y-Feedback
- Lecture 5 - h and g Negative Feedback
- Lecture 6 - g Feedback with Mosfet
- Lecture 7 - Operational Amplifier in Negative Feedback
- Lecture 8 - Operational Amplifier in Negative Feedback
- Lecture 9 - Positive Feedback (Regenerative)
- Lecture 10 - Experimental Demonstration
- Lecture 11 - Instrumentation Amplifiers
- Lecture 12 - Active Filters
- Lecture 13 - Simulation of Harmonic Oscillators
- Lecture 14 - Oscillators
- Lecture 15 - Oscillators
- Lecture 16 - Frequency Compensation in Negative Feedback
- Lecture 17 - Frequency Compensation
- Lecture 18 - Wideband (video) Amplifiers
- Lecture 19 - Wideband Amplifiers
- Lecture 20 - ICs For Video And Tuned Amplifier Applications
- Lecture 21 - Power Amplifier
- Lecture 22 - Power Amplifier
- Lecture 23 - Class B and C Power Amplifiers
- Lecture 24 - Class-B Power Amplifier Load and Drive
- Lecture 25 - Control Circuits
- Lecture 26 - Voltage Regulators
- Lecture 27 - Voltage Regulators
- Lecture 28 - Voltage Regulators
- Lecture 29 - Convertors

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

- Lecture 30 - Analog Multipliers (Modems & Mixers)
- Lecture 31 - Log-Antilog Multipliers
- Lecture 32 - Multipliers
- Lecture 33 - Multipliers
- Lecture 34 - AGC/AVC
- Lecture 35 - AGC/AVC
- Lecture 36 - Experimental Demonstration
- Lecture 37 - PLL (Phase Locked Loop)
- Lecture 38 - PLL (Phase Locked Loop)
- Lecture 39 - Lock Range Capture Range and FSK and FM