



## Basic Electrical Engineering (Third Edition)

By D.P. Kothari, I.J. Nagrath

Tata McGraw-Hill Education Pvt. Ltd., 2009. Softcover. Condition: New. 3rd edition. This hallmark text on Basic Electrical Engineering provides concise and balanced account of all key concepts as well as applications in the field. With the liberal use of practical illustrations and numerous exercises, it offers an unparalleled exposure to Electricity Fundamentals, Network Theory, Electromagnetism, Electric Machines, Transformers, and Measuring Instruments. Table of contents Chapter 1. Elementary Concepts and Definitions Chapter 2. Fundamentals of Resistive Circuits Chapter 3. Fundamentals of Reactive Circuits Chapter 4. Steady State Analysis For Sinusoidal Excitation Chapter 5. Frequency Response Chapter 6. Three-Phase Circuits Chapter 7. Magnetic Circuits Chapter 8. Transformers Chapter 9. EMF and Torque in Electric Machines Chapter 10. DC Machines Chapter 11. Synchronous Machine Chapter 12. Induction Motor Chapter 13. Fractional-kW Motors Chapter 14. Measurement Techniques and Electric and Electronic Instrumentation Chapter 15. Power Systems Chapter 16. Domestic Wiring Printed Pages: 0.



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