



# Electric Circuit Analysis

By B. Subramanyam

I.K. International Publishing House Pvt. Ltd, 2008. Softcover. Book Condition: New. 16 x 24 cm. Electric Circuit Analysis provides a comprehensive and critical analysis of electrical circuits for better understanding of the physical systems using electrical simulating systems. It helps the students of EEE and ECE to thoroughly know the state-of-the-art of this subject. Each chapter functions as a stand-alone guide to a critical topic. Most of the important topics covered in this book provide greater details, to use them properly in understanding of electrical machines, power systems, control systems, electronic devices and circuits, pulse digital and power electronic circuits. A large number of solved numerical problems selected from GATE, UPSE and other university examinations are included. A large section of MCQs is included at the end of the book. This book is suitable for undergraduate courses in Electrical Engineering and Electronics and Communication Engineering. It is also useful for practising engineers and those appearing for Engineering Services Examinations like GATE, UPSE, etc. Contents: Network Components and Network Equations / Network Topology / Sinusoidal Steady State Analysis of Electrical Circuits / Transient Response of Electrical Circuits / Resonance in AC Circuits / Locus Diagrams / Fourier Analysis of AC Circuits...



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