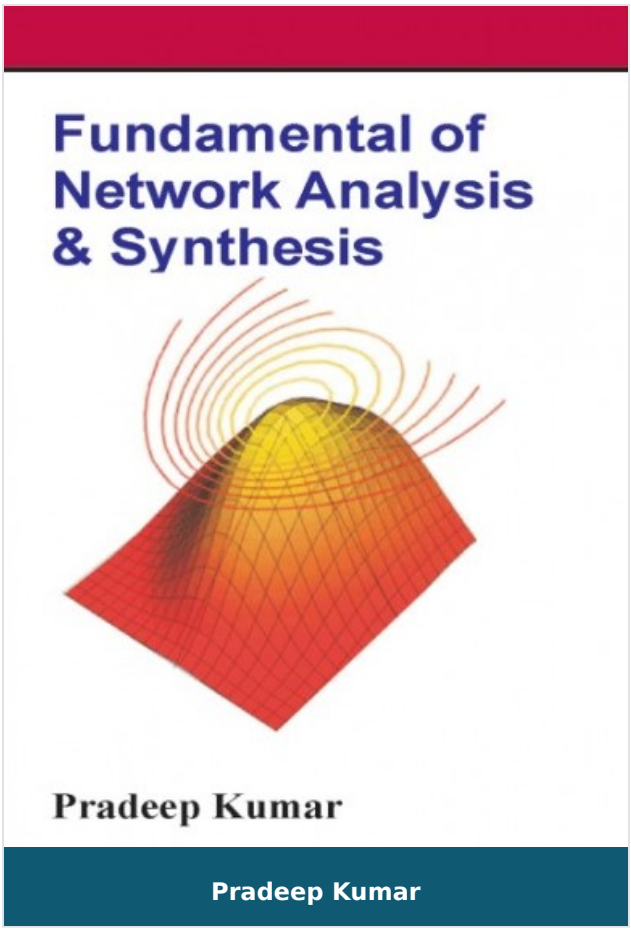


Pradeep Kumar

Fundamental of Network Analysis & Synthesis

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This book is written according to new revised syllabus of U.P. Technical to Electronics and communication Engineering, Electronics and Instrumentation Engineering. This book is providing the knowledge in depth for fundamentals of network analysis and synthesis, amplitude and phase response, two port networks, designing of the active and passive filters with suitable number of examples. This book has evolved the lecture material prepared by the author to teach the course network analysis and synthesis. The material provided in this book is in a lucid manner along with very simple language. The students can easily grasp the information. each chapter is written in the systematic manner along with the coverage of the basic theoretical concepts, analytical techniques also with sufficient examples.

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- Amplitude and Phase Response
- Two Port Network
- Network Function
- Positive Real Function
- Driving Point Synthesis
- Elements of Transfer Function Synthesis
- Active Network Synthesis
- Index

Author

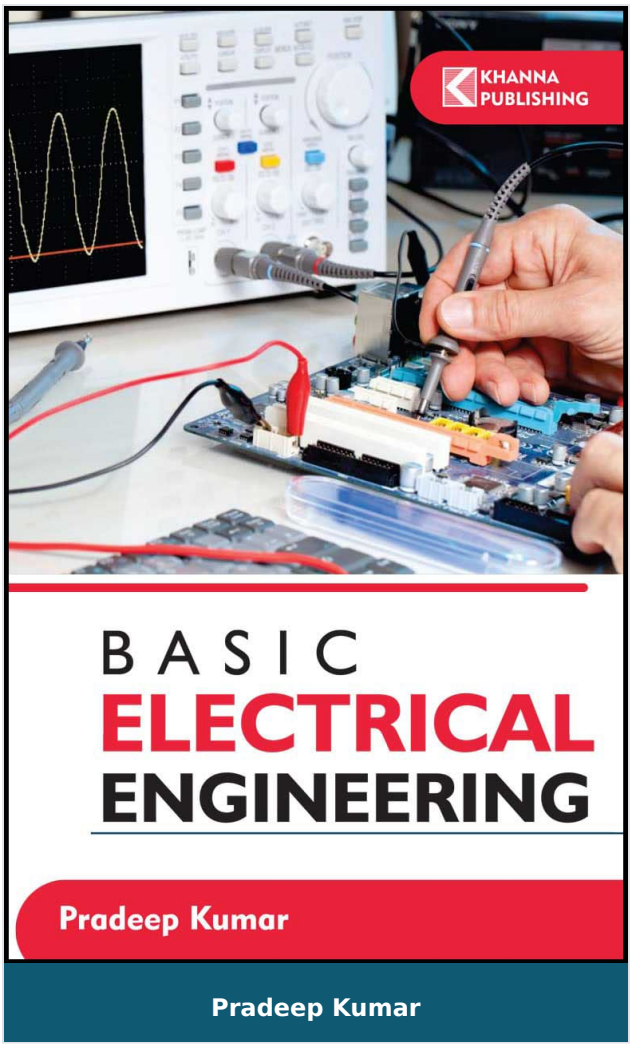
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Pradeep Kumar is presently working as Lecturer in Department of Electrical Enginering at Babu Banarasi Das National Institute of Technology and Management, Lucknow. He did his B.Tech in Electrical Engineering from Uttar Pradesh Technical University, Lucknow. He teaches courses on Electric Machines, Network Analysis and Synthesis, Electromagnetic Field Theory, Basic Electrical Engineering.

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This book is intended to serve as a textbook for the B. Tech first year students which are common to all branches of engineering of the Uttar Pradesh Technical University (UPTU), Lucknow. This book includes the in-depth knowledge of network theorems, electric machines, and power systems. In this book the basic concepts, principles are clearly explained.

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