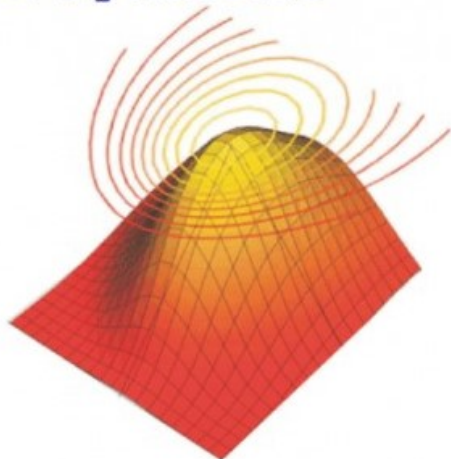


Fundamental of Network Analysis & Synthesis



Pradeep Kumar

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Author :	Pradeep Kumar
ISBN 13 :	978-93-80016-42-9
ISBN 10 :	9380016425
E-ISBN 13 :	978-93-80016-42-9
Edition :	1
Pages :	532
Type of book :	Physical
Year :	2018
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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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.

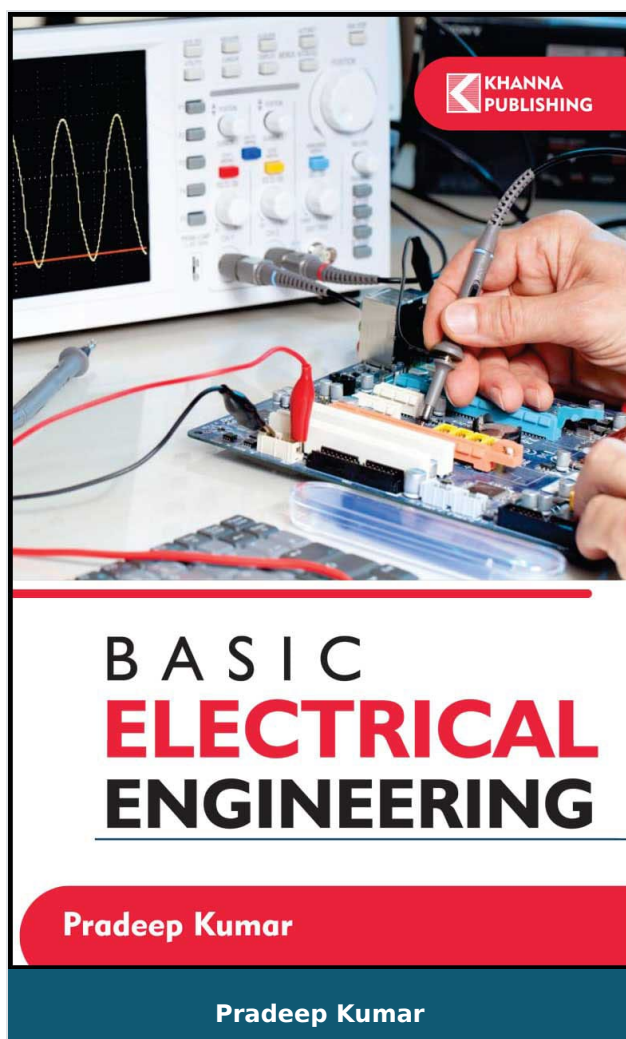
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- Waveforms and Signals
- Network Analysis-1
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- Network Analysis-II
- Amplitude and Phase Response
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- Driving Point Synthesis
- Elements of Transfer Function Synthesis
- Active Network Synthesis
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Pradeep Kumar is presently working as Lecturer in Department of Electrical Engineering 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.



Basic Electrical Engineering

Author :	Pradeep Kumar
ISBN 13 :	978-93-80016-32-0
ISBN 10 :	9380016328
E-ISBN 13 :	978-93-80016-32-0
Edition :	1
Pages :	356
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

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- Fundamental of Electric Circuits
- Network Theorem
- Steady State Analysis of Single Phase Ac Circuit
- Complex Number
- Three Phase System
- Magnetic Circuits
- Transformers
- Electric Machines
- Measuring Instruments
- Introduction to Power System

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