

Electrical Machines & Automatic Control System

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| Author : | A. Ambikapathy |
| ISBN 13 : | 978-93-82609-79-7 |
| ISBN 10 : | 93-82609-79-2 |
| E-ISBN 13 : | 978-93-82609-79-7 |
| Edition : | 2 |
| Pages : | 566 |
| Type of book : | Paperback |
| Weight (g) : | 789.00 |
| Year : | 2021 |
| Language : | English |
| Publisher : | Khanna Publishing House |
| Price : | Rs 280.00 |
| Categories : | All book , Electrical , Electronics & Communication Engineering |
| Condition Type : | New |
| Country Origin : | India |

Product Description

A textbook on "Electrical machines and Automatic control System" has been written for the undergraduate students of mechanical department. The material of this book is very useful to the students for understating the concepts as well as from examination point of view. A number of examples are solved in detailed manner in every unit so that the students can practice more on numerical part. Every unit contains exercise problems with answers which help the students to prepare for their exams. The content of this book is explained in a simple language so that understating will be much easy. I will be thankful to the students and teachers who pinpoint the errors and suggestions for the improvement of the book.



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

Table of Contents

Chapter 1: Single Phase Transformer Chapter 2: Three Phase Induction Motor Chapter 3: Control System Chapter 4: Time Response Analysis Chapter 5: Root Locus Technique

Author

A. Ambikapathy A. Ambikapathy currently working as an assistant professor in " Galgotia Colege of Engineering and Technology " holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.



AICTE Recommended Textbook as per Model Curriculum - 2018

CONTROL SYSTEM



Dr. A. Ambikapathy


KHANNA PUBLISHING

Control System

Author : A. Ambikapathy

ISBN 13 : 978-93-80016-94-8

ISBN 10 : 93-80016-94-8

E-ISBN 13 : 978-93-80016-94-8

Edition : First

Pages : 788

Type of book : Paperback

Weight (g) : 1040.00

Year : 2019

Language : English

Publisher : Khanna Publishing House

Price : Rs 360.00

Categories : [All book, Electrical, Electronics & Communication Engineering, Electrical, Electronics & Communication Engineering, UNIVERSITY RECOMMENDED](#)

Condition Type : New

Country Origin : India

Product Description

The textbook on Control System tells about the basic concepts of control system in a detailed manner. This book contains the brief explanation about block diagram reduction, signal flow graph and time domain analysis. The techniques which are used in control system such as root locus, bode plot and polar plots are explained in detail. Designing procedures for the compensators (Lag, lead and lag lead) are given in easy manner and steady state space analysis also explained in a simple manner. The effort has been taken to explain all the concepts in a simple language to make the students to understand the concepts very easily.

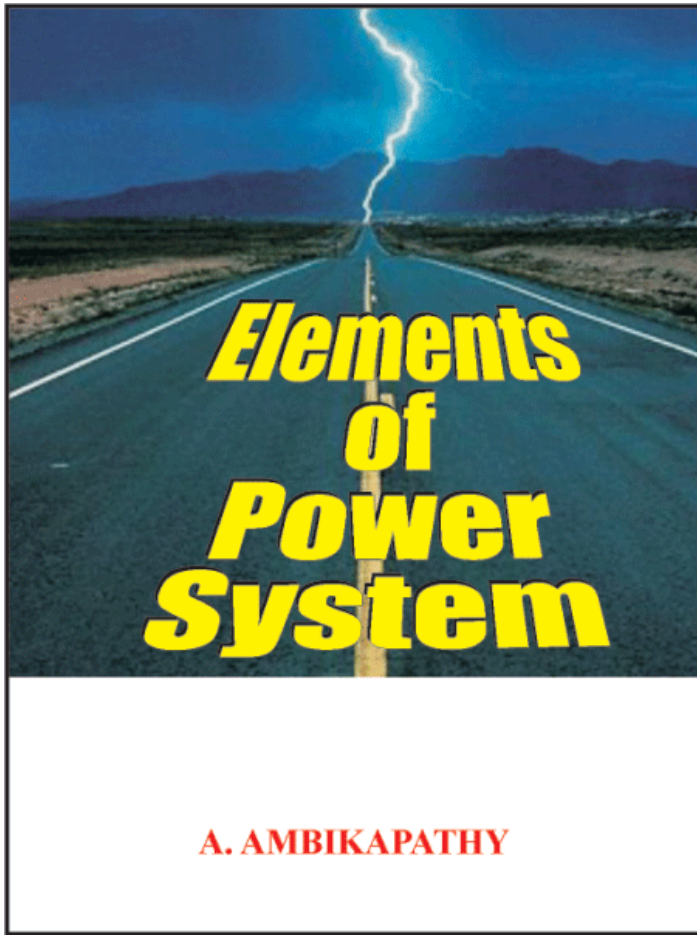
Table of Contents

Chapter 1: Basics of Control System Chapter 2: Time Domain Analysis Chapter 3: Concept of Stability Chapter 4: Correlation Chapter 5: Compensators Design

Author

A. Ambikapathy A. Ambikapathy currently working as an assistant professor in "Galgotia College of Engineering and Technology" holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.





Elements of Power System

Author : A. Ambikapathy

ISBN 13 : 978-93-80016-93-1

ISBN 10 : 93-80016-93-X

E-ISBN 13 : 978-93-80016-93-1

Edition : 1

Pages : 260

Type of book : Paperback

Weight (g) : 369.00

Year : 2010

Language : English

Publisher : Khanna Publishing House

Price : Rs 236.00

Categories : [All book](#), [Electrical](#), [Electronics & Communication Engineering](#)

Condition Type : New

Country Origin : India

Product Description

The textbook on "Elements of Power System" tells about the basic concepts of power system in a detailed manner. This book contains the brief explanation of strings and their efficiency and sag calculations. All the concepts are explained in an easy way so that students can understand them well. The clear information is given about the construction of cables and insulators in detail with neat diagrams.



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

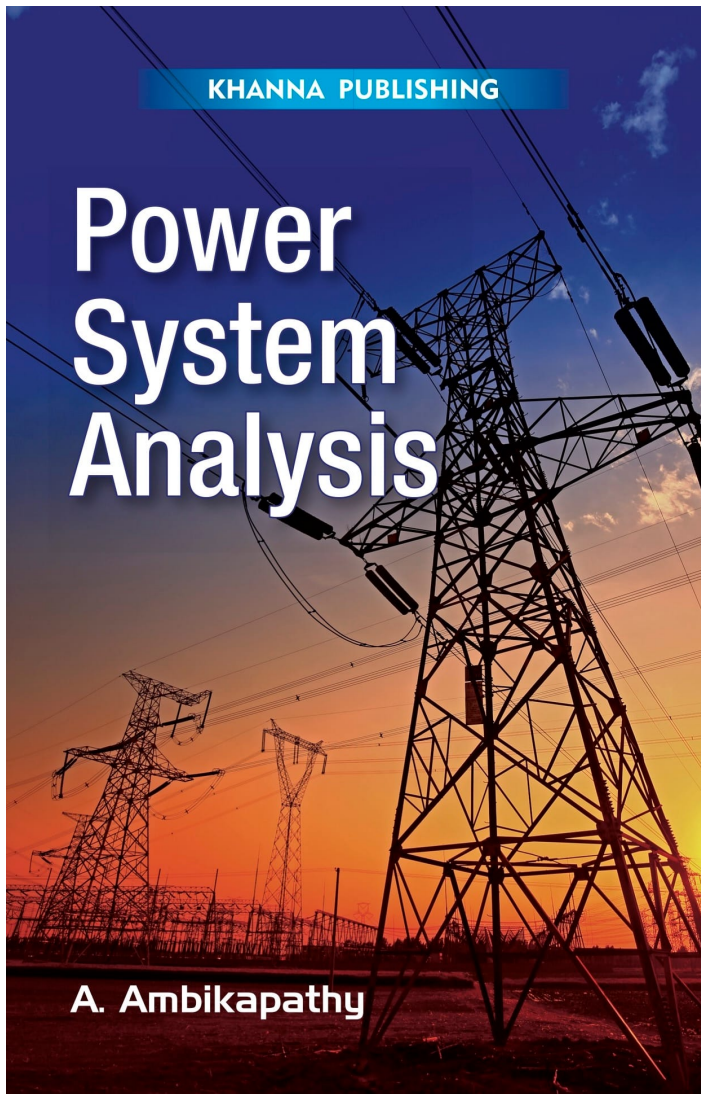
Table of Contents

Chapter 1: Power System Components Chapter 2: Overhead Transmission Lines Chapter 3: Corona Interference
Chapter 4: Mechanical Design of Transmission Line Chapter 5: Neutral Grounding
Question and Answers
Review Questions

Author

A. Ambikapathy A. Ambikapathy currently working as an assistant professor in " Galgotia Colege of Engineering and Technology " holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.





Power System Analysis

Author : A. Ambikapathy

ISBN 13 : 978-93-80016-81-8

ISBN 10 : 93-80016-81-6

E-ISBN 13 : 978-93-80016-81-8

Edition : 1

Pages : 292

Type of book : Paperback

Weight (g) : 330.00

Year : 2021

Language : English

Publisher : Khanna Publishing House

Price : Rs 260.00

Categories : [All book](#), [Electrical](#), [Electronics & Communication Engineering](#), [Electrical, Electronics & Communication Engineering](#), [UNIVERSITY RECOMMENDED](#)

Condition Type : New

Country Origin : India

Product Description

The textbook on "Power System Analysis" has been written for undergraduate students of electrical engineering (EE) electrical and electronics engineering (EEE) departments. This material which is presented in this book will be very useful to the students for understandings well as from examination point of view. A number of solved and unsolved problems (with answer) have been included in each chapter. Short question and answers are provided for every chapter so that the students will get benefit of it. The mathematical details and qualitative discussion has been followed throughout the book. The author will welcome criticisms of the text and will acknowledge comments pertaining to the text and suggestions for the improvement of this book will be most welcome.

Table of Contents

Chapter 1: Representation of Power System Components Chapter 2: Unsymmetrical Fault Analysis Chapter 3: Load Flows Chapter 4: Power System Stability Chapter 5: Traveling Waves

Author

A. Ambikapathy A. Ambikapathy currently working as an assistant professor in " Galgotia College of Engineering and Technology " holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.

