

## J B Gupta Theory And Performance Of Electrical Machines Book Free

Approximate reasoning is a key motivation in fuzzy sets and possibility theory. This volume provides a coherent view of this field, and its impact on database research and information retrieval. First, the semantic foundations of approximate reasoning are presented. Special emphasis is given to the representation of fuzzy rules and specialized types of approximate reasoning. Then syntactic aspects of approximate reasoning are surveyed and the algebraic underpinnings of fuzzy consequence relations are presented and explained. The second part of the book is devoted to inductive and neuro-fuzzy methods for learning fuzzy rules. It also contains new material on the application of possibility theory to data fusion. The last part of the book surveys the growing literature on fuzzy information systems. Each chapter contains extensive bibliographical material. Fuzzy Sets in Approximate Reasoning and Information Systems is a major source of information for research scholars and graduate students in computer science and artificial intelligence, interested in human information processing. This book is designed based on revised syllabus of JNTU, Hyderabad (AICTE model curriculum) for under-graduate (B.Tech/BE) students of all branches, those who study Basic Electrical Engineering as one of the subject in their curriculum. The primary goal of this book is to establish a firm understanding of the basic laws of Electric Circuits, Network Theorems, Resonance, Three-phase circuits, Transformers, Electrical Machines and Electrical Installation.

Basic Analog Electronics

An Integrated Course In Electrical Engineering (3rd Edition)

Maggies, Monkeys, and Morals

Basic Electrical Engineering

Solids II

Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Some prominent additions are given below: 1. Variance of Degenerate Random Variable 2. Approximate Expression for Expectation and Variance 3. Lyapounov's Inequality 4. Holder's Inequality 5. Minkowski's Inequality 6. Double Expectation Rule or Double-E Rule and many others

This comprehensive and unique book is intended to cover the vast and fast-growing field of electrical and electronic materials and their engineering in accordance with modern developments. Basic and pre-requisite information has been included for easy transition to more complex topics. Latest developments in various fields of materials and their sciences/engineering, processing and applications have been included. Latest topics like PLZT, vacuum as insulator, fiber-optics, high temperature superconductors, smart materials, ferromagnetic semiconductors etc. are covered. Illustrations and examples encompass different engineering disciplines such as robotics, electrical, mechanical, electronics, instrumentation and control, computer, and their inter-disciplinary branches. A variety of materials ranging from iridium to garnets, microelectronics, micro alloys to memory devices, left-handed materials, advanced and futuristic materials are described in detail. Electromagnetic Field Theory and Transmission Lines

In International System SI of Units

Electrical Engineering

An Integrated Course In Electrical Engg.

Fundamentals of Electrical Engineering and Electronics

While writing the book, we have continuously kept in mind the examination requirements of the students preparing for U.P.S.C.(Engg. Services)and A.M.I.E.(Examinations.In order to make this volume more useful for them,complete solutions of their examination papers up to 1975 have also been included.Every care has been taken to make this treatise as self-explanatory as possible.The subject matter has been amply illustrated by incorporating a good number of solved,unsolved and well graded examples of almost every variety.

Losing Control Taking charge comes naturally to workaholic media mogul Cole Hunter. That includes dealing with headstrong TV producer Taryn Quinn. Cole may not like her idea for a travel show, but Taryn intrigues him. Enough for Cole to join her on a location-scouting trip to an isolated Pacific island, despite the family drama at home. Soon the tantalising Taryn makes Cole forget about everything...except making love to her in the moonlight. But once reality intrudes, will he risk losing all he's worked for to keep this woman in his life? Temptation On His Terms Amid growing threats to his family, studio boss Dex Hunter takes custody of his little brother -- and tries to put his routine as a Hollywood player on hold. Too bad his brother's new nanny, Shelby Scott, is so easy on the eyes! Soon Dex is determined to keep Shelby by his side. But when it comes to men, Shelby's made an unrepeatable mistake back home. Now Dex needs to prove he's ready to settle down if he wants to heat things up. One Night, Second Chance Publishing mogul Wynn Hunter discovers that the ravishing temptress who shared his bed was his childhood nemesis, Grace Munroe! The scrawny, pigtailed brat has blossomed into a dazzling beauty. Disastrous romances have made them both wary of entanglements. So when Wynn lures Grace to Australia for a family wedding, they're determined to keep things light. But when life-threatening chaos erupts in Wynn's family, can these childhood adversaries find the courage to fall in love?

Computational Intelligence: Soft Computing and Fuzzy-Neuro Integration with Applications

Processes and Applications

Including D.C. & A.C. Machines and Polyphase Circuits in S.I. Units

Sons of Australia the Hunters

**Theory and Performance of Electrical Machines**DC Machines and AC Machines for B. Sc. (Engineering) ; B. Tech. ; B.E ; A.M.I.E. (India) ...**Theory & Performance Of Electrical Machines**An Integrated Course In Electrical Engineering (3rd Edition)Seagull Books Pvt Ltd**Electrical Machines (Uptu)**Theory and Performance of Electrical MachinesIncluding D.C. & A.C. Machines and Polyphase Circuits in S.I. Units**Electronic Devices And Circuits**Seagull Books Pvt Ltd**Generation of Electrical Energy, 7th Edition**S. Chand Publishing**Generation of Electrical Energy** is written primarily for the undergraduate students of electrical engineering while also covering the syllabus of AMIE and act as a refresher for the professionals in the field. The subject itself is now rejuvenated with important new developments. With this in view, the book covers conventional topics like load curves, steam generation, hydro-generation parallel operation as well as new topics like new sources of energy generation, hydrothermal coordination, static reserve reliability evaluation among others.**Generation of Electrical Energy, 7th Edition****Theory of Machines****For B.E., B.Tech., B.Sc. (Engineering), M.Sc., B.Sc. Diploma, Sec B. of A.M.I.E. (India); A.M.I.E.E. (London), Grad. I.E.T.E. (India); I.E.R.E. (London), U.P.S.C.I.E.S. and Other Various Competitive Examinations****Electrical Machines-I (Mdu)**

**Objective Type**

Basic Electrical and Electronics Engineering provides an overview of the basics of electrical and electronic engineering that are required at the undergraduate level. The book allows students outside electrical and electronics engineering to easily

This edition has been thoroughly revised and enlarged. It is still considered to be a must for all those sitting Civil Engineering examinations.

Transmission & Distribution Of Electrical Power

Objective Electrical Technology

Basic Electrical and Electronics Engineering:

Fundamentals of Mathematical Statistics

Bulletin of the Institution of Engineers (India).

**Soft computing is a consortium of computing methodologies that provide a foundation for the conception, design, and deployment of intelligent systems and aims to formalize the human ability to make rational decisions in an environment of uncertainty and imprecision. This book is based on a NATO Advanced Study Institute held in 1996 on soft computing and its applications. The distinguished contributors consider the principal constituents of soft computing, namely fuzzy logic, neurocomputing, genetic computing, and probabilistic reasoning, the relations between them, and their fusion in industrial applications. Two areas emphasized in the book are how to achieve a synergistic combination of the main constituents of soft computing and how the combination can be used to achieve a high Machine Intelligence Quotient.**

**The aim of MSCE 2014 is to provide a platform for researchers, engineers, and academicians, as well as industrial professionals, to present their research results and development activities in mechanism science and control engineering. It provides opportunities for the delegates to exchange new ideas and application experiences, to establish business or research relations and to find global partners for future collaboration. MSCE2014 is conducted to all the researchers, engineers, industrial professionals and academicians, who are broadly welcomed to present their latest research results, academic developments or theory practice. Topics of interest include but are not limited to Mechanism theory and Application, Mechanical control and Automation Engineering, Mechanical Dynamics, Materials Processing and Control, Instruments and Vibration Control. It is of great pleasure to see the delegates exchanging ideas and establishing sound relationships on the conference.**

**DC Machines and AC Machines for B. Sc. (Engineering) ; B. Tech. ; B.E ; A.M.I.E. (India) ...**

**Theory and Performance of Electrical Machines**

**Electrical Installation Estimating & Costing**

**International Conference on Mechanism Science and Control Engineering (MSCE 2014)**

**Mathematical Physics, 4th Edition**

This book is the second volume of Solids Volumes in theShockWaveScience and Technology Reference Library. These volumes are primarily concerned with high-pressure shock waves in solid media, including detonation and hi- velocity impact and penetration events. This volume contains four articles. The first two describe the reactive behavior of condensed-phase explosives, and the remaining two discuss the inert, mechanical response of solid materials. The articles are each self-contained, and can be read independently of each other. They offer a timely reference, for beginners as well as professional scientists and engineers, covering the foundations and the latest progress, and include burgeoning development as well as challenging unsolved problems. The first chapter, by S. Shefel'd and R. Engelke, discusses the shock initiation and detonation phenomena of solids explosives. The article is an outgrowth of two previous review articles: "Explosives" in vol. 6 of Encyclopedia of Applied Physics (VCH, 1993) and "Initiation and Propagation of Detonation in Condensed-Phase High Explosives" in High-Pressure Shock Compression of Solids III (Springer, 1998). This article is not only an up-to-date review, but also offers a concise heuristic introduction to shock waves and condensed-phase detonation. The authors emphasize the point that detonation is not an uncontrollable, chaotic event, but that it is an orderly event that is governed by and is describable in terms of the conservation of mass, momentum, energy and certain material-specific properties of the explosive. Electromagnetic Field Theory and Transmission Lines is ideal for a single semester, first course on Electromagnetic Field Theory (EMFT) at the undergraduate level. This book uses diagrammatic representations and real life examples to explain the fundamental concepts of the subject.

**Switchgear and Protection**

**Electronic Devices And Circuits**

**Utilization Of Electric Power & Electric Traction**

**Advances in Computational Intelligence**

**Theory & Performance Of Electrical Machines**

**Mathematics is an essential ingredient in the education of a student of mathematics or physics of a professional physicist, indeed in the education of any professional scientist or engineer. The purpose of Mathematical Physics is to provide a comprehensive study of the mathematics underlying theoretical physics at the level of graduate and postgraduate students and also have enough depth for others interested in higher level mathematics relevant to specialized fields. It is also intended to serve the research scientist or engineer who needs a quick refresher course in the subject. The Fourth Edition of the book has been thoroughly revised and updated keeping in mind the requirements of students and the latest UGC syllabus.**

**The latest update on this popular textbook The importance of concepts and methods based on fuzzy logic and fuzzy set theory has been rapidly growing since the early 1990s and all the indications are that this trend will continue in the foreseeable future. Fuzzy Logic with Engineering Applications, Fourth Edition is a new edition of the popular textbook with 15% of new and updated material. Updates have been made to most of the chapters and each chapter now includes new end-of-chapter problems. Key features: New edition of the popular textbook with 15% of new and updated material. Includes new examples and end-of-chapter problems. Has been made more concise with the removal of out of date material. Covers applications of fuzzy logic to engineering and science. Accompanied by a website hosting a solutions manual and software.**

**The book is essential reading for graduates and senior undergraduate students in civil, chemical, mechanical and electrical engineering as well as researchers and practitioners working with fuzzy logic in industry.**

**Fuzzy Sets in Approximate Reasoning and Information Systems**

**Losing Control / Temptation on His Terms / One Night, Second Chance**

**Electrical Machines (Uptu)**

**A Textbook of Electrical Engineering**

**Through Objective Type Questions**

ELECTRICAL TECHNOLOGY is systematically developed to meet the syllabus of undergraduate course in Electrical Engineering of various universities. The complicated concepts are explained in a lucid manner with the help of necessary diagrams and waveforms. Comprehensive coverage has been made to explain the concepts of application-level topics like Electric Traction and Power Electronics.

Review questions have been added at the end of each chapter for better understanding of the subject apart from numerous numerical and design problems.

In the present edition,authors have made sincere efforts to make the book up-to-date.A notable feature is the inclusion of two chapters on Power System.It is hoped that this edition will serve the readers in a more useful way.

Electronic Devices and Circuits

Power System

A Course In Electrical Technology (For Degree) (13th Edition)

Shock Wave Science and Technology Reference Library, Vol. 3

Fuzzy Logic with Engineering Applications

**It is gratifying to note that the book has very widespread acceptance by faculty and students throughout the country.n the revised edition some new topics have been added.Additional solved examples have also been added.The data of transmission system in India has been updated.**

**Electrical Technology**

**Civil Engineering**

**Advanced Electrical and Electronics Materials**

**Theory and Applications**