
Electrical Engineering Objective By Galgotia

Principles of Electrical Machines
Proceedings of Integrated Intelligence Enable Networks and Computing
VALUES AND ETHICS IN BUSINESS AND PROFESSION
Basic Electrical and Electronics Engineering
Question Bank In Electrical And Electronics Engineering
Advanced Soil Mechanics, Second Edition
International Books in Print, 1995
Energy Systems, Drives and Automations
Electrical Engineering
Mathematics for Electrical Engineering and Computing
Introduction to Geotechnical Engineering
Question Bank on Electrical and Electronics Engineering with Question Papers from Various Competitive and Recruitment Examinations
Lessons in Electric Circuits: An Encyclopedic Text & Reference Guide (6 Volumes Set)
Question Bank on Electrical and Electronics Engineering with Question Papers from Various Competitive and Recruitment Examinations
Advanced Computational and Communication Paradigms
Electrical Engineering (O.T.)
Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics
Objective Electrical Technology
Recent Indian Publications on Display at World Book Fair
Advances in Power Systems and Energy Management
Electricity, Electronics and Wiring Diagrams for HVACR
An Integrated Course In Electrical Engineering (3rd Edition)
Advances in Micro-Electronics, Embedded Systems and IoT
Fundamentals of Data Structures in C++
Question Bank In Electronics And Communication Engineering
Design of Electrical Machines
Research Anthology on Multi-industry Uses of Genetic Programming and Algorithms
RSEB AEn and JEn Electrical Engineering Objective Practice Book
Instrumentation
Automobile Mechanical and Electrical Systems
Objective Electrical Engineering
Power Electronics
Communication and Intelligent Systems
AI and IoT for Smart City Applications
Futuristic Communication and Network Technologies
Advanced Computing and Intelligent Technologies
ANTENNAS AND WAVE PROPAGATION
Machine Learning for Robotics Applications

ESMERALDA MONTGOMERY

Principles of Electrical Machines Question Bank In Electrical And Electronics Engineering

This revised edition is restructured with additional text and extensive illustrations, along with developments in geotechnical literature. Among the topics included are: soil aggregates, stresses in soil mass, pore water pressure due to undrained loading, permeability and seepage, consolidation, shear strength of soils, and evaluation of soil settlement. The text presents mathematical derivations as well as numerous worked-out examples.

Proceedings of Integrated Intelligence Enable Networks and Computing Springer Nature

This book gathers selected research papers presented at the Second International Conference on Energy Systems, Drives and Automations (ESDA 2019), held in Kolkata on 28–29 December 2019. It covers a broad range of topics in the fields of renewable energy, power management, drive systems for electrical machines and automation. Also discussing a variety of related tools and techniques, the book offers a valuable resource for researchers, professionals and students in electrical and mechanical engineering disciplines.

VALUES AND ETHICS IN BUSINESS AND PROFESSION Upkar Prakashan

This book presents best selected research papers presented at the First International Conference on Integrated Intelligence Enable Networks and Computing (IIENC 2020), held from May 25 to May 27, 2020, at the Institute of Technology, Gopeshwar, India (Government Institute of Uttarakhand Government and affiliated to Uttarakhand Technical University). The book includes papers in the field of intelligent computing. The book covers the areas of machine learning and robotics, signal processing and Internet of things, big data and renewable energy sources.

Basic Electrical and Electronics Engineering PHI Learning Pvt. Ltd. Electric circuits, and their electronic circuit extensions, are found in all electrical and electronic equipment; including: household

equipment, lighting, heating, air conditioning, control systems in both homes and commercial buildings, computers, consumer electronics, and means of transportation, such as cars, buses, trains, ships, and airplanes. Electric circuit analysis is essential for designing all these systems. Electric circuit analysis is a foundation for all hardware courses taken by students in electrical engineering and allied fields, such as electronics, computer hardware, communications and control systems, and electric power. This book is intended to help students master basic electric circuit analysis, as an essential component of their professional education. Furthermore, the objective of this book is to approach circuit analysis by developing a sound understanding of fundamentals and a problem-solving methodology that encourages critical thinking.

Question Bank In Electrical And Electronics Engineering CRC Press Catalog of books on display at the 12th New Delhi World Book Fair, held at New Delhi in February 1996.

Advanced Soil Mechanics, Second Edition Galgotia Publications

This book, now in its Second Edition, is primarily intended for the undergraduate and postgraduate students of electronics and communication, electronics and electrical and telecommunication engineering. It provides a thorough understanding of the fundamentals and applications of the subject. The edition discusses the properties of several types of antennas such as dipoles, loop, Yagi-Uda, log-periodic, slot/DRA and microstrip antennas and also explains the phenomenon of wave propagation with emphasis on theory of operation and design procedures. It provides a comprehension of the principles of radiation and methods of excitation. The book also focuses on antenna measurements along with necessary requirements and different methods of measurement. Written in an easy-to-understand manner, the text includes several illustrative examples. A large number of solved examples and exercise problems with varying difficulty levels are included to reinforce the theoretical understanding of concepts. The book also contains several objective-type questions in each chapter along with a Question Bank at the end of the book. The Appendices provide a rich source of information and expressions as well as design data.

NEW TO THE SECOND EDITION Separate new chapters are

devoted to: • Reflector Antennas • Slot and Dielectric Resonator Antennas • Modern Antennas • Effect of Ground on Antenna Performances

International Books in Print, 1995 Infinity Educations

The book titled *Advanced Computational and Communication Paradigms: Proceedings of International Conference on ICACCP 2017, Volume 1* presents refereed high-quality papers of the First International Conference on Advanced Computational and Communication Paradigms (ICACCP 2017) organized by the Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, held from 8– 10 September 2017. ICACCP 2017 covers an advanced computational paradigms and communications technique which provides failsafe and robust solutions to the emerging problems faced by mankind.

Technologists, scientists, industry professionals and research scholars from regional, national and international levels are invited to present their original unpublished work in this conference. There were about 550 technical paper submitted. Finally after peer review, 142 high-quality papers have been accepted and registered for oral presentation which held across 09 general sessions and 05 special sessions along with 04 keynote address and 06 invited talks. This volume comprises 65 accepted papers of ICACCP 2017.

Energy Systems, Drives and Automations Routledge

Primarily intended for undergraduate students of all disciplines of engineering and students of computer applications (MCA), this book is a comprehensive exposition of the values and ethical principles that one needs to adopt to become a responsible and accountable professional. The book is organized in nine chapters that addresses the three broad areas of concern—values, ethics, and sustainable development. It first discusses the prevalent concept of values in human society, the various types of values, and the crisis of values that seems to be engulfing the contemporary society. The concept of ethics, the various ethical values, and the ethical requirements for a professional in the modern workplace are highlighted in detail. The ramifications of industrialization, the respective roles of science, technology and engineering, as well as the need for preservation of the environment and the use of eco-friendly technologies are

explained. Finally, the ethical issues involved in the management of resources are discussed. A number of case studies have been provided in the book to enable a clear understanding of the topics presented. Each chapter contains short answer as well as long answer questions to test the students' grasp of the underlying concepts.

Electrical Engineering Cengage Learning

This book follows a logical concept building approach rather than only formula based, as offered by other books. The objective has been to structure a complete examination-oriented reference book covering the fundamental aspects of theory at a glance before proceeding to their relevant questions. The latest questions (2017 and 2018) from IES with their complete explanations have been given at the end of the text to impart a valuable insight into problem-solving approach.

Mathematics for Electrical Engineering and Computing Springer Nature

This book provides a valuable combination of relevant research works on developing smart city ecosystem from the artificial intelligence (AI) and Internet of things (IoT) perspective. The technical research works presented here are focused on a number of aspects of smart cities: smart mobility, smart living, smart environment, smart citizens, smart government, and smart waste management systems as well as related technologies and concepts. This edited book offers critical insight to the key underlying research themes within smart cities, highlighting the limitations of current developments and potential future directions.

Introduction to Geotechnical Engineering PHI Learning Pvt. Ltd.

Machine learning has become one of the most prevalent topics in recent years. The application of machine learning we see today is a tip of the iceberg. The machine learning revolution has just started to roll out. It is becoming an integral part of all modern electronic devices. Applications in automation areas like automotive, security and surveillance, augmented reality, smart home, retail automation and healthcare are few of them. Robotics is also rising to dominate the automated world. The future applications of machine learning in the robotics area are still undiscovered to the common readers. We are, therefore, putting an effort to write this edited book on the future applications of machine learning on robotics where several applications have

been included in separate chapters. The content of the book is technical. It has been tried to cover all possible application areas of Robotics using machine learning. This book will provide the future vision on the unexplored areas of applications of Robotics using machine learning. The ideas to be presented in this book are backed up by original research results. The chapter provided here in-depth look with all necessary theory and mathematical calculations. It will be perfect for laymen and developers as it will combine both advanced and introductory material to form an argument for what machine learning could achieve in the future. It will provide a vision on future areas of application and their approach in detail. Therefore, this book will be immensely beneficial for the academicians, researchers and industry project managers to develop their new project and thereby beneficial for mankind. Original research and review works with model and build Robotics applications using Machine learning are included as chapters in this book.

Question Bank on Electrical and Electronics Engineering with Question Papers from Various Competitive and Recruitment Examinations S. Chand Publishing

Mathematics for Electrical Engineering and Computing embraces many applications of modern mathematics, such as Boolean Algebra and Sets and Functions, and also teaches both discrete and continuous systems - particularly vital for Digital Signal Processing (DSP). In addition, as most modern engineers are required to study software, material suitable for Software Engineering - set theory, predicate and prepositional calculus, language and graph theory - is fully integrated into the book. Excessive technical detail and language are avoided, recognising that the real requirement for practising engineers is the need to understand the applications of mathematics in everyday engineering contexts. Emphasis is given to an appreciation of the fundamental concepts behind the mathematics, for problem solving and undertaking critical analysis of results, whether using a calculator or a computer. The text is backed up by numerous exercises and worked examples throughout, firmly rooted in engineering practice, ensuring that all mathematical theory introduced is directly relevant to real-world engineering. The book includes introductions to advanced topics such as Fourier analysis, vector calculus and random processes, also making this a suitable introductory text for second year undergraduates of

electrical, electronic and computer engineering, undertaking engineering mathematics courses. Dr Attenborough is a former Senior Lecturer in the School of Electrical, Electronic and Information Engineering at South Bank University. She is currently Technical Director of The Webbery - Internet development company, Co. Donegal, Ireland. Fundamental principles of mathematics introduced and applied in engineering practice, reinforced through over 300 examples directly relevant to real-world engineering

Lessons in Electric Circuits: An Encyclopedic Text & Reference Guide (6 Volumes Set) Firewall Media

This book gathers selected high-quality research papers presented at International Conference on Advanced Computing and Intelligent Technologies (ICACIT 2021) held at NCR New Delhi, India, during March 20–21, 2021, jointly organized by Galgotias University, India, and Department of Information Engineering and Mathematics Università Di Siena, Italy. It discusses emerging topics pertaining to advanced computing, intelligent technologies, and networks including AI and machine learning, data mining, big data analytics, high-performance computing network performance analysis, Internet of things networks, wireless sensor networks, and others. The book offers a valuable asset for researchers from both academia and industries involved in advanced studies.

Question Bank on Electrical and Electronics Engineering with Question Papers from Various Competitive and Recruitment Examinations Elsevier

For over 15 years "Principles of Electrical Machines" is an ideal text for students who look to gain a current and clear understanding of the subject as all theories and concepts are explained with lucidity and clarity. Succinctly divided in 14 chapters, the book delves into important concepts of the subject which include Armature Reaction and Commutation, Single-phase Motors, Three-phase Induction motors, Synchronous Motors, Transformers and Alternators with the help of numerous figures and supporting chapter-end questions for retention.

Advanced Computational and Communication Paradigms Springer Nature

This book follows a logical concept building approach rather than only formula based, as offered by other books. The objective has been to structure a complete examination-oriented reference book covering the fundamental aspects of theory at a glance

before proceeding to their relevant questions. The latest questions (2017 and 2018) from IES with their complete explanations have been given at the end of the text to impart a valuable insight into problem-solving approach.

Electrical Engineering (O.T.) W. H. Freeman

The Use Of Digital Circuits Is Increasing In All Disciplines Of Engineering. Consequently Students Need To Have An In-Depth Knowledge On Them. Digital Circuits And Design Is A Textbook Dealing With The Basics Of Digital Technology Including The Design Asp

Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics Koros Press

The second edition of Automobile Mechanical and Electrical Systems concentrates on core technologies to provide the essential information required to understand how different vehicle systems work. It gives a complete overview of the components and workings of a vehicle from the engine through to the chassis and electronics. It also explains the necessary tools and equipment needed in effective car maintenance and repair, and relevant safety procedures are included throughout. Designed to make learning easier, this book contains: Photographs, flow charts and quick reference tables Detailed diagrams and clear descriptions that simplify the more complicated topics and aid

revision Useful features throughout, including definitions, key facts and 'safety first' considerations. In full colour and with support materials from the author's website (www.automotive-technology.org), this is the guide no student enrolled on an automotive maintenance and repair course should be without.

Seagull Books Pvt Ltd

This book discusses the latest developments and outlines future trends in the fields of microelectronics, electromagnetics and telecommunication. It contains original research works presented at the International Conference on Microelectronics, Electromagnetics and Telecommunication (ICMEET 2021), held in Bhubaneswar, Odisha, India during 27 - 28 August 2021. The papers were written by scientists, research scholars and practitioners from leading universities, engineering colleges and R&D institutes from all over the world and share the latest breakthroughs in and promising solutions to the most important issues facing today's society.

Objective Electrical Technology Ardent Media

This book presents select proceedings of the International Conference on Futuristic Communication and Network Technologies (CFCNT 2020) conducted at Vellore Institute of Technology, Chennai. It covers various domains in communication engineering and networking technologies. This volume comprises

of recent research in areas like optical communication, optical networks, optics and optical computing, emerging trends in photonics, MEMS and sensors, active and passive RF components and devices, antenna systems and applications, RF devices and antennas for microwave emerging technologies, wireless communication for future networks, signal and image processing, machine learning/AI for networks, internet of intelligent things, network security and blockchain technologies. This book will be useful for researchers, professionals, and engineers working in the core areas of electronics and communication.

Recent Indian Publications on Display at World Book Fair IGI Global

The application of mathematical concepts has proven to be beneficial within a number of different industries. In particular, these concepts have created significant developments in the engineering field. Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics is an authoritative reference source for the latest scholarly research on the use of applied mathematics to enhance the current trends and productivity in mechanical engineering. Highlighting theoretical foundations, real-world cases, and future directions, this book is ideally designed for researchers, practitioners, professionals, and students of mechatronics and mechanical engineering.