
S K Kataria Sons Data Communications

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Communications*

2022-03-02

DIAZ DAVENPORT

Technology Systems and Management
Springer

This book provides a study of computer algorithms. The book is applicable for courses in data structures, algorithms and analysis.

Power Electronics (5th Edition) Springer
Science & Business Media

This book constitutes the refereed proceedings of the Third International Conference on Wireless, Mobile Networks,

WiMo 2011, and of The Third International Conference on Computer Networks and Communications, CoNeCo 2011, held in Ankara, Turkey, in June 2011. The 40 revised full papers presented were carefully reviewed and selected from 202 submissions.

Concepts Of Compiler Design Galgotia Publications

This comprehensive book is an earnest endeavour to apprise the readers with a thorough understanding of all important basic concepts and methods of fluid mechanics and hydraulic machines. The text is organised into sixteen chapters, out

of which the first twelve chapters are more inclined towards imparting the conceptual aspects of fluids mechanics, while the remaining four chapters accentuate more on the details of hydraulic machines. The book is supplemented with solutions manual for instructors containing detailed solutions of all chapter-end unsolved problems. Primarily intended as a text for the undergraduate students of civil, mechanical, chemical and aeronautical engineering, this book will be of immense use to the postgraduate students of hydraulics engineering, water resources engineering, and fluids engineering. Key

features • The book describes all concepts in easy-to-grasp language with diagrammatic representation and practical examples. • A variety of worked-out examples are included within the text, illustrating the wide applications of fluid mechanics. • Every chapter comprises summary that presents the main idea and relevant details of the topics discussed. • Almost all chapters incorporate objective type questions of previous years' GATE examinations, along with their answers and in-depth explanations. • Previous years' IES conventional questions are provided at the end of most of the chapters. • A set of theoretical questions and numerous unsolved numerical problems are provided at the chapter-end to help the students from practice point-of-view. • Every chapter consists of a section Suggested Reading comprising a list of publications that the students may refer for more detailed information.

Environmental Studies OUP India

Data Structures Using C++ is designed to serve as a textbook for undergraduate engineering students of Computer Science and Information Technology as well as postgraduate students of Computer

Applications. The book aims to provide a comprehensive coverage of the concepts of Data Structures using C++.

The Design And Analysis Of Algorithms Springer Nature

This book constitutes the refereed proceedings of the Third International Conference on Wireless, Mobile Networks, WiMo 2011, and of The Third International Conference on Computer Networks and Communications, CoNeCo 2011, held in Ankara, Turkey, in June 2011. The 40 revised full papers presented were carefully reviewed and selected from 202 submissions.

Decision Support System Cambridge University Press

This book constitutes the refereed proceedings of the First International Conference on Technology Systems and Management, ICTSM 2011, held in Mumbai, India, in February 2011. The 47 revised full papers presented were carefully reviewed and selected from 276 submissions. The papers are organized in topical sections on computer engineering and information technology; electronics and telecommunication; as well as technology management.

Operation, Construction, and Functionality of Direct Current Machines Seagull Books Pvt Ltd

Written in lucid language, this valuable textbook brings together fundamental concepts of data mining and data warehousing in a single volume. Important topics including information theory, decision tree, Naïve Bayes classifier, distance metrics, partitioning clustering, associate mining, data marts and operational data store are discussed comprehensively. The textbook is written to cater to the needs of undergraduate students of computer science, engineering and information technology for a course on data mining and data warehousing. The text simplifies the understanding of the concepts through exercises and practical examples. Chapters such as classification, associate mining and cluster analysis are discussed in detail with their practical implementation using Weka and R language data mining tools. Advanced topics including big data analytics, relational data models and NoSQL are discussed in detail. Pedagogical features including unsolved problems and multiple-choice questions are interspersed

throughout the book for better understanding.

Data Structures And Algorithms Using C
Springer

These are my lecture notes from CS681: Design and Analysis of Algorithms, a one-semester graduate course I taught at Cornell for three consecutive fall semesters from '88 to '90. The course serves a dual purpose: to cover core material in algorithms for graduate students in computer science preparing for their PhD qualifying exams, and to introduce theory students to some advanced topics in the design and analysis of algorithms. The material is thus a mixture of core and advanced topics. At first I meant these notes to supplement and not supplant a textbook, but over the three years they gradually took on a life of their own. In addition to the notes, I depended heavily on the texts • A. V. Aho, J. E. Hopcroft, and J. D. Ullman, *The Design and Analysis of Computer Algorithms*. Addison-Wesley, 1975. • M. R. Garey and D. S. Johnson, *Computers and Intractability: A Guide to the Theory of NP-Completeness*. W. H. Freeman, 1979. • R. E. Tarjan, *Data Structures and Network*

Algorithms. SIAM Regional Conference Series in Applied Mathematics 44, 1983. and still recommend them as excellent references.

Uncertainties in GPS Positioning

Frontiers Media SA

This book highlights latest research advance in the field of Radioscience, Equatorial Atmospheric Science and Environment as part of the International Symposium for Equatorial Atmosphere celebrating the 21st Anniversary of the Equatorial Atmosphere Radar (EAR), organized by Research Center for Climate and Atmosphere (PRIMA) of National Research and Innovation Agency (BRIN). The symposium provides a scientific platform for researchers and professionals to discuss ideas and current issues as well as to design the solutions in the areas of space science, ocean science, atmospheric science, environmental science, material science, and other related disciplines.

Computer Science Question Bank

Springer

Written in an easy-to-grasp language, the book brings to light the various topics pertaining to Web engineering at one place in a comprehensive manner. The

text, organized in eleven chapters, enables its readers to analyze, model, design, code, test and maintain their Web sites. Through its systematic presentation of topics, i.e., from basic level to advanced level, the book apprises the readers with the finer points of the various phases of Web development life cycle like Web analysis, Web design, Web coding (Web technologies), Web testing and Web maintenance. The book is adaptive enough for practical implementation of the concepts, thereby allowing its readers to avoid or overcome hacking, to master client-side and server-side programming and to develop good-quality Web applications. Using explicit descriptions and scripting languages like VBScript, JavaScript and much more, this book is a must-have book for all those who are associated with the field of Web engineering.

Recent Trends in Wireless and Mobile Networks CRC Press

Direct current machines are a quickly evolving domain whose applications affect many aspects of modern life from computers and printers to toys, electric vehicles, and traction applications. As their

many uses continue to grow, it has become apparent that understanding these machines is the key to understanding our future. Operation, Construction, and Functionality of Direct Current Machines brings together many concepts, from the most basic working principles and construction of DC machines to more advanced topics such as electro-magnetism, armature reaction, parallel operations, and many more. Highlighting theoretical concepts and numerical problems, this book is an essential reference source for students, educators, and anyone interested in the field of electric machines.

Data Book For Designing Machine Elements Seagull Books Pvt Ltd

A rapidly growing population, industrialization, modernization, luxury life style, and overall urbanization are associated with the generation of enhanced wastes. The inadequate management of the ever-growing amount of waste has degraded the quality of the natural resources on a regional, state, and country basis, and consequently threatens public health as well as global environmental security. Therefore, there is

an existent demand for the improvement of sustainable, efficient, and low-cost technologies to monitor and properly manage the huge quantities of waste and convert these wastes into energy sources. Innovative Waste Management Technologies for Sustainable Development is an essential reference source that discusses management of different types of wastes and provides relevant theoretical frameworks about new waste management technologies for the control of air, water, and soil pollution. This publication also explores the innovative concept of waste-to-energy and its application in safeguarding the environment. Featuring research on topics such as pollution management, vermicomposting, and crude dumping, this book is ideally designed for environmentalists, policymakers, professionals, researchers, scientists, industrialists, and environmental agencies.

FLUID MECHANICS AND HYDRAULIC MACHINES Cambridge University Press

This book presents different tools and techniques used for Decision Support Systems (DSS), including decision tree and table, and their modifications, multi-

criteria decision analysis techniques, network tools of decision support, and various case-based reasoning methods supported by examples and case studies. Latest developments for each of the techniques have been discussed separately, and possible future research areas are duly identified as intelligent and spatial DSS. Features: Discusses all the major tools and techniques for Decision Support System supported by examples. Explains techniques considering their deterministic and stochastic aspects. Covers network tools including GERT and Q-GERT. Explains the application of both probability and fuzzy orientation in the pertinent techniques. Includes a number of relevant case studies along with a dedicated chapter on software. This book is aimed at researchers and graduate students in information systems, data analytics, operation research, including management and computer science areas. Introduction To Web Technology (2nd Edition) IGI Global

Offers a clear view of the utility and place for survey data within the broader Big Data ecosystem This book presents a collection of snapshots from two sides of

the Big Data perspective. It assembles an array of tangible tools, methods, and approaches that illustrate how Big Data sources and methods are being used in the survey and social sciences to improve official statistics and estimates for human populations. It also provides examples of how survey data are being used to evaluate and improve the quality of insights derived from Big Data. **Big Data Meets Survey Science: A Collection of Innovative Methods** shows how survey data and Big Data are used together for the benefit of one or more sources of data, with numerous chapters providing consistent illustrations and examples of survey data enriching the evaluation of Big Data sources. Examples of how machine learning, data mining, and other data science techniques are inserted into virtually every stage of the survey lifecycle are presented. Topics covered include: Total Error Frameworks for Found Data; Performance and Sensitivities of Home Detection on Mobile Phone Data; Assessing Community Wellbeing Using Google Street View and Satellite Imagery; Using Surveys to Build and Assess RBS Religious Flag; and more. Presents

groundbreaking survey methods being utilized today in the field of Big Data. Explores how machine learning methods can be applied to the design, collection, and analysis of social science data. Filled with examples and illustrations that show how survey data benefits Big Data evaluation. Covers methods and applications used in combining Big Data with survey statistics. Examines regulations as well as ethical and privacy issues. **Big Data Meets Survey Science: A Collection of Innovative Methods** is an excellent book for both the survey and social science communities as they learn to capitalize on this new revolution. It will also appeal to the broader data and computer science communities looking for new areas of application for emerging methods and data sources.

Big Data Meets Survey Science

Springer Science & Business Media
Global food security is a challenging issue. Meeting the food and nutritional requirements of the world has become an issue for national policymakers and is of public concern. There is a need to enhance agricultural production, as well as, to reduce postharvest loss, improve the

quality of processed products, and add value to products to make more quality food available. Agro-product processing technology plays a major role to reduce post-harvest losses, improve the quality of processed products, and add value to the products. It also generates employment and ultimately contributes to food security. Features: Covers a wide spectrum of agro-product processing technology. Explains the principles and practices of agro-product processing technology with many worked examples to quickly teach the basic principles through examples. Contains examples from different operations on current problems to show the wide applications of the principles of agro-product technology. Includes process control and emerging technologies in agro-product processing such as energy and exergy analysis, neural network modeling, and CFD modeling. This book deals with physical and thermal properties, cleaning and sorting, drying and storage, parboiling and milling, by-product utilization, heating and cooling, refrigerated cooling, and cold storage. The most unique feature of this book is the machine vision for grading

fruits, process control and materials handling, and emerging technologies such as neural network, finite element, CFD, and genetic algorithm.

Basic Electronics Seagull Books Pvt Ltd
This book contains more than 1400 multiple choice questions covering various environment-related topics, such as ecology and environment, biodiversity, natural resources, eco-marketing, environmental finance, air pollution, and water pollution. The first chapter is a comprehensive introduction to environmental studies. The book will prove beneficial for academicians, students pursuing courses on environmental studies, professionals, aspirants of various competitive exams, and stakeholders in the environment sector. It can also be handy for various quiz programmes.

Total Quality Management The Energy and Resources Institute (TERI)
Uncertainties in GPS Positioning: A Mathematical Discourse describes the calculations performed by a GPS receiver and the problems associated with ensuring that the derived location is a close match to the actual location. Inaccuracies in calculating a location can have serious

repercussions, so this book is a timely source for information on this rapidly evolving technology. Covers how a GPS receiver works and how the earth is modeled so position data can be calculated. Discusses the different signals and clock speeds of the satellites, the receivers, and sources of inaccuracy. Examines how the errors are distributed in the data and provides examples.

WEB ENGINEERING John Wiley & Sons
This book provides a treatment of designing procedures of algorithms and how to analyze algorithms. The book is applicable for courses in data structures and algorithms.

Emerging Technologies in Data Mining and Information Security Springer

Since energy is an important aspect in all sectors, it needs to be given a due attention in education and awareness. Multiple Choice Questions on Energy y attempts to present the subject in a simple yet comprehensive manner for students and aspirants of various competitive exams. Keeping in view the present trend of various exams, the various types of energy have been presented in the form of multiple choice

questions, which is the most common pattern of examination in every field of study in the science stream. Energy-related questions figure in various national-level competitive examinations, besides featuring in question papers for examinations in bachelor degree courses on engineering and technology. Multiple Choice Questions on Energy contains about 1300 multiple choice questions covering various sectors of energy, including mechanical energy, electrical energy, chemical energy, nuclear energy, thermal energy, magnetic energy, sound energy, energy from coal, petroleum oil and natural gas, renewable energy, and energy conservation. An introduction to energy has been presented in a comprehensive yet simplified form. This book is useful for academicians, students pursuing engineering or agriculture-related courses, aspirants of various competitive exams, professionals, and stakeholders in the energy sector. It can also be a tool for various quiz programmes organized in schools, universities, engineering institutions.

Wireless Communication-the fundamental and advanced concepts The Energy and

Resources Institute (TERI)
For close to 20 years, Basic Electronics:
Devices and Circuits has provided

fundamental knowledge of the subject to
all students. Each chapter focuses on the

core concepts and clearly elucidate the
fundamental principles, methods and
circuits involved in electronics.