Carrano Walls And Mirrors 5th Edition

Principles, Practices, Design, and Applications
Introduction to Android Application Development
Walls and Mirrors
Encyclopedia of Computer Science and Technology
Thinking in Java
Proceedings of ESAI 2019, Fez, Morocco
The Handbook of Photonics
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Radiobiology for the Radiologist

MASON DIAZ

Principles, Practices, Design, and Applications Springer
Amateur astronomers of all skill levels are always contemplating their next telescope, and this book points the way to the most suitable instruments. Similarly, those who are buying their first telescopes – and these days not necessarily a low-cost one – will be able to compare and contrast different types and manufacturers. This exciting and revised new guide provides an extensive overview of binoculars and telescopes. It includes detailed up-to-date information on sources, selection and use of virtually every major type, brand, and model on today's market, a truly invaluable treasure-trove of information and helpful advice for all amateur astronomers. Originally written in 2006, much of the first edition is inevitably now out of date, as equipment advances and manufacturers come and go. This second edition not only updates all the existing sections of "A Buyer's and User's Guide to Astronomical Telescopes and Binoculars" but adds two new ones: Astro-imaging and Professional-Amateur collaboration. Thanks to the rapid and amazing developments that have been made in digital cameras – not those specialist cool-chip astronomical cameras, not even DSLRs, but regular general-purpose vacation cameras – it is easily possible to image all sorts of astronomical objects and fields. Technical developments, including the Internet, have also made it possible for amateur astronomers to make a real contribution to science by working with professionals. Selecting the right device for a variety of purposes can be an overwhelming task in a market crowded with observing options, but this comprehensive guide clarifies the process. Anyone planning to purchase binoculars or telescopes for astronomy – whether as a first instrument or as an upgrade to the next level – will find this book a treasure-trove of information and advice. It also supplies the reader with many useful hints and tips on using astronomical telescopes or binoculars to get the best possible results from your purchase.
Introduction to Android Application Development Jones & Bartlett Learning
This book gathers selected research papers presented at the First International Conference on Embedded Systems and Artificial Intelligence (ESAI 2019), held at Sidi Mohamed Ben Abdellah University, Fez, Morocco, on 2–3 May 2019. Highlighting the latest innovations in Computer Science, Artificial Intelligence, Information Technologies, and Embedded Systems, the respective papers will encourage and inspire researchers, industry professionals, and policymakers to put these methods into practice.
Walls and Mirrors Pearson
This new edition includes the latest advances and developments in computational probability involving A Probability Programming Language (APPL). The book examines and presents, in a systematic manner, computational probability methods that encompass data structures and algorithms. The developed techniques address problems that require exact probability calculations, many of which have been considered intractable in the past. The book addresses the plight of the probabilist by providing algorithms to perform calculations associated with random variables. Computational Probability: Algorithms and Applications in the Mathematical Sciences, 2nd Edition begins with an introductory chapter that contains short examples involving the elementary use of APPL. Chapter 2 reviews the Maple data structures and functions necessary to implement APPL. This is followed by a discussion of the development of the data structures and algorithms (Chapters 3–6 for continuous random variables and Chapters 7–9 for discrete random variables) used in APPL. The book concludes with Chapters 10–15 introducing a sampling of various

applications in the mathematical sciences. This book should appeal to researchers in the mathematical sciences with an interest in applied probability and instructors using the book for a special topics course in computational probability taught in a mathematics, statistics, operations research, management science, or industrial engineering department.

Encyclopedia of Computer Science and Technology Prentice Hall

“At a time when policing in America is at a crossroads, Barry Friedman provides much-needed insight, analysis, and direction in his thoughtful new book. Unwarranted illuminates many of the often ignored issues surrounding how we police in America and highlights why reform is so urgently needed. This revealing book comes at a critically important time and has much to offer all who care about fair treatment and public safety.” —Bryan Stevenson, founder and Executive Director of the Equal Justice Initiative and author of Just Mercy: A Story of Justice and Redemption In June 2013, documents leaked by Edward Snowden sparked widespread debate about secret government surveillance of Americans. Just over a year later, the shooting of Michael Brown, a black teenager in Ferguson, Missouri, set off protests and triggered concern about militarization of law enforcement and discriminatory policing. In Unwarranted, Barry Friedman argues that these two seemingly disparate events are connected—and that the problem is not so much the policing agencies as it is the rest of us. We allow these agencies to operate in secret and to decide how to police us, rather than calling the shots ourselves. And the courts, which we depended upon to supervise policing, have let us down entirely. Unwarranted tells the stories of ordinary people whose lives were torn apart by policing—by the methods of cops on the beat and those of the FBI and NSA. Driven by technology, policing has changed dramatically. Once, cops sought out bad guys; today, increasingly militarized forces conduct wide surveillance of all of us. Friedman captures the eerie new environment in which CCTV, location tracking, and predictive policing have made suspects of us all, while proliferating SWAT teams and increased use of force have put everyone’s property and lives at risk. Policing falls particularly heavily on minority communities and the poor, but as Unwarranted makes clear, the effects of policing are much broader still. Policing is everyone’s problem. Police play an indispensable role in our society. But our failure to supervise them has left us all in peril. Unwarranted is a critical, timely intervention into debates about policing, a call to take responsibility for governing those who govern us.

Thinking in Java CRC Press

This timely revision will feature the latest Internet issues and provide an updated comprehensive look at social and ethical issues in computing from a computer science perspective.

Proceedings of ESAI 2019, Fez, Morocco Springer

The book offers an in-depth review of the materials design and manufacturing processes employed in the development of multi-component or multiphase polymer material systems. This field has seen rapid growth in both academic and industrial research, as multiphase materials are increasingly replacing traditional single-component materials in commercial applications. Many obstacles can be overcome by processing and using multiphase materials in automobile, construction, aerospace, food processing, and other chemical industry applications. The comprehensive description of the processing, characterization, and application of multiphase materials presented in this book offers a world of new ideas and potential technological advantages for academics, researchers, students, and industrial manufacturers from diverse fields including rubber engineering, polymer chemistry, materials processing and chemical science. From the commercial point of view it will be of great value to those involved in processing, optimizing and manufacturing new materials for novel end-use applications. The book takes a detailed approach to the description of process parameters, process optimization, mold design, and other core manufacturing information. Details of injection, extrusion, and compression molding processes have been provided based on the most recent advances in the field. Over two comprehensive sections the book covers the entire field of multiphase polymer materials, from a detailed description of material design and processing to the cutting-edge applications of such multiphase materials. It provides both precise guidelines and general concepts for the present and future leaders in academic and industrial sectors.

The Handbook of Photonics John Wiley & Sons

Data Abstraction & Problem Solving with C++Walls and MirrorsPrentice Hall

Data Structures Using C++ Cengage Learning

This report explores the many ways in which fathers in couple families with young children contribute to family life, through the study of their time investment with children, their supportiveness as partners, their financial contribution, their parenting behaviours and styles, and their perceptions of their own adequacy as fathers. The report draws upon data from 'Growing Up in Australia: the Longitudinal Study of Australian Children' (LSAC), a national study of children and families. This report first reviews the existing literature on fathering - considering how fathering can be conceptualised and how fathering varies across families. It then explores selected aspects of fathering, including fathers' shared time with children, couples' sharing of unpaid work and co-parenting, and the parenting practices and styles of fathers and mothers, as well as variables including fathers' and mothers' employment status, parent marital status, marital quality, fathers' education, family size, fathers' mental health, and children's characteristics.

Occurrence, Formation, Mitigation, and Health Risks Springer

A continuation of 1994’s groundbreaking Cartoons, Giannalberto Bendazzi’s Animation: A World History is the largest, deepest, most comprehensive text of its kind, based on the idea that animation is an art form that deserves its own place in scholarship. Bendazzi delves beyond just Disney, offering readers glimpses into the animation of Russia, Africa, Latin America, and other often-neglected areas and introducing over fifty previously undiscovered artists. Full of first-hand, never before investigated, and elsewhere unavailable information, Animation: A World History encompasses the history of animation production on every continent over the span of three centuries. Volume I traces the roots and predecessors of modern animation, the history behind Émile Cohl's Fantasmagorie, and twenty years of silent animated films. Encompassing the formative years of the art form through its Golden Age, this book accounts for animation history through 1950 and covers everything from well-known classics like Steamboat Willie to animation in Egypt and Nazi Germany. With a wealth of new research, hundreds of photographs and film stills, and an easy-to-navigate organization, this book is essential reading for all serious students of animation history. Key Features Over 200 high quality head shots and film stills to add visual reference to your research Detailed information on hundreds of never-before researched animators and films Coverage of animation from more than 90 countries and every major region of the world Chronological and geographical organization for quick access to the information you’re looking for

Data Abstraction & Problem Solving with C++ Pearson Education

This classic book has been revised to further enhance its focus on data abstraction and data structures using C++. The book continues to provide a firm foundation in data abstraction, emphasizing the distinction between specification and implementation as the foundation for an object-oriented approach. The authors cover key object-oriented concepts, including encapsulation, inheritance and polymorphism. However, the focus remains on data abstraction instead of simply C++ syntax. The authors also illustrate the role of classes and ADTs in the problem-solving process, and includes major applications of ADTs, such as searching a flight map and event-driven simulation. The book offers early, extensive coverage of recursion and uses this technique in many examples and exercises. It also introduces analysis of algorithms and the Big 'O' notation. In addition, this text reviews, in an appendix, basic C++ syntax for those who either have studied the language previously or are making the transition from another language to C++.

Digital Design Springer

Computer Science

Imagine! Java John Wiley & Sons

An overview of the programming language's fundamentals covers syntax, initialization, implementation, classes, error handling, objects, applets, multiple threads, projects, and network programming.

Walls and Mirrors Prentice Hall

In print since 1972, this seventh edition of Radiobiology for the Radiologist is the most extensively revised to date. It consists of two sections, one for those studying or practicing diagnostic radiolo, nuclear medicine and radiation oncology; the other for those engaged in the study or clinical practice of radiation oncology--a new chapter, on radiologic terrorism, is specifically for those in the radiation sciences who would manage exposed individuals in the event of a terrorist event. The 17 chapters in Section I represent a general introduction to radiation biology and a complete, self-contained course especially for residents in diagnostic radiology and nuclear medicine that follows the Syllabus in Radiation Biology of the RSNA. The 11 chapters in Section II address more in-depth topics in radiation oncology, such as cancer biology, retreatment after radiotherapy, chemotherapeutic agents and hyperthermia. Now in full color, this lavishly illustrated new edition is replete with tables and figures that underscore essential concepts. Each chapter concludes with a "summary of pertinent conclusions" to facilitate quick review and help readers retain important information.

Fathering in Australia Among Couple Families with Young Children Springer Science & Business Media

Professor Moffat has been a member of the academic staff at the University of Melbourne since 1987. This book has evolved out of his 20 years' teaching experience with first year students. The readable style is punctuated by more than 100 working programs and each chapter includes detailed case study, key points and exercises.

Computational Probability Cengage Learning

Lorette Javois' timely new 2nd edition revises and updates her widely acclaimed collection of step-by-step immunocytochemical methods, one that is now used in many biological and biomedical research programs. The methods are designed for researchers and clinicians who wish to visualize molecules in plant or animal embryos, tissue sections, cells, or organelles. In addition to cutting-edge protocols for purifying and preparing antibodies, light microscopic analysis, confocal microscopy, FACS, and electron microscopy, this revised edition contains many new methods for applying immunocytochemical techniques in the clinical laboratory and in combination with in situ hybridization.

CRC Press

This focuses on the developing field of building probability models with the power of symbolic algebra systems. The book combines the uses of symbolic algebra with probabilistic/stochastic application and highlights the applications in a variety of contexts. The research explored in each chapter is unified by the use of A Probability Programming Language (APPL) to achieve the modeling objectives. APPL, as a research tool, enables a probabilist or statistician the ability to explore new ideas, methods, and models. Furthermore, as an open-source language, it sets the foundation for future algorithms to augment the original code. Computational Probability Applications is comprised of fifteen chapters, each presenting a specific application of computational probability using the APPL modeling and computer language. The chapter topics include using inverse gamma as a survival distribution, linear approximations of probability density functions, and also moment-ratio diagrams for univariate distributions. These works highlight interesting examples, often done by undergraduate students and graduate students that can serve as templates for future work. In addition, this book should appeal to researchers and practitioners in a range of fields including probability, statistics, engineering, finance, neuroscience, and economics.

C++ Plus Data Structures Prentice Hall

Rev. ed. of: Data abstraction and problem solving with Java / Frank M. Carrano, Janet J. Prichard. 2007.

Lab Manual Addison Wesley

Psychology; Behavioral science; Perspectives

Data Structures and Abstractions with Java, Global Edition Springer Science & Business Media

For one or two-semester introductory CS1 Java courses taken by CS majors and non-majors. Based on his inspiring lecture style, author Frank Carrano's new text, Imagine Java, engages students immediately with vivid what if examples and everyday analogies that keep them engaged and wanting to learn more. Carrano starts students slowly by presenting concepts in small, manageable chunks that force students to focus on one core concept at a time. Carrano uses engaging repetitive examples to reinforce learning before moving on to more complicated concepts. This approach offers the student an opportunity to establish patterns they can use in their own programs and ultimately develop a more intuitive and sustainable understanding of the programming concepts.

Animation: A World History Farrar, Straus and Giroux

Designed for a second course in computer science, this textbook introduces the data abstraction technique for building walls between a program and its data structures, and presents various abstract data types and their implementations as C++ classes. The author evaluates the advantages and disadvantages of array-based and pointer-based data structures, and explains the concepts behind recursion, inheritance, polymorphism, algorithm efficiency, and balanced search trees. Annotation : 2004 Book News, Inc., Portland, OR (booknews.com).

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