

A Simplified Approach To Image Processing Classical And Modern Techniques In C

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Distributed Object Technology - Timothy W. Ryan 1997

This text presents a unifying "vision" of how users would like to see information systems accessed to tie together all the concepts presented. It discusses DOT technologies, COBRA, OLE and the WWW and how each will impact the way in which we organize and access information, both separately and together.

Probabilistic and Stochastic Methods in Analysis, with Applications - J.S. Byrnes 2012-12-06

Probability has been an important part of mathematics for more than three centuries. Moreover, its importance has grown in recent decades, since the computing power now widely available has allowed probabilistic and stochastic techniques to attack problems such as speech and image processing, geophysical exploration, radar, sonar, etc. -- all of which are covered here. The book contains three exceptionally clear expositions on wavelets, frames and their applications. A further extremely active current research area, well covered here, is the relation between probability and partial differential equations, including probabilistic representations of solutions to elliptic and parabolic PDEs. New approaches, such as the PDE method for large deviation problems, and stochastic optimal control and filtering theory, are beginning to yield their secrets. Another topic dealt with is the application of probabilistic

techniques to mathematical analysis. Finally, there are clear explanations of normal numbers and dynamic systems, and the influence of probability on our daily lives.

American Book Publishing Record - 1996

Critical Reviews in Biomedical Engineering - 1997

Clusters for High Availability - Peter Weygant 1996

Clusters and Clustering is a popular form of distributed computing that ties together several UNIX machines which allow them to provide greater availability and flexibility of information. This text introduces Hewlett-Packard's Cluster architecture, known as the High Availability Cluster. Assuming no prior knowledge of Clusters, the book provides an accessible introduction to the terminology, issues, architectures, and solutions for building high availability systems and clusters. The hardware and software technologies and the costs associated with each are explained, and a discussion of what is involved is also provided.

SNMP++ - Peter Erik Mellquist 1998

SNMP++ is Hewlett-Packard's new API for simplifying SNMP applications development using C++ and object-oriented techniques. In this book, you'll learn how SNMP++ will help you build network management

applications that are more portable, powerful, extensible, and reliable. And if that's not enough, you'll also discover how SNMP++ can help you get to market faster than ever before. Written by a Hewlett-Packard engineer who helped develop SNMP++, this is the first book to cover the entire SNMP product development lifecycle, from analysis through design and implementation. Step-by-step, you'll learn how to use SNMP++ to build powerful applications with a minimum of coding effort.

A Simplified Approach to Image Processing - Randy Crane 1997
Image processing, the use of computers to process pictures, has revolutionized the fields of medicine, space exploration, geology, and oceanography, and has become the hottest area in digital signal processing. This book provides a comprehensive introduction to the most popular image processing techniques used today, without getting bogged down in the complex mathematical presentations found in most image processing books and journals. The book covers the hottest topics in image processing, including whole chapters on the processing of color images, image warping and morphing techniques, and image compression. The diskette, written in portable C code, provides a "hands-on" introduction to image processing techniques that can be incorporated into the user's applications. For computer programmers and electrical engineers who need to enhance image processing applications.

Machinery Malfunction Diagnosis and Correction - Robert C. Eisenmann 1998

Specific, practical guidance for every individual involved with solving process machinery problems. The single source reference for explanations of fundamental machinery behavior, static and dynamic measurements, plus data acquisition, processing and interpretation. A variety of lateral and torsional analytical procedures, and physical tests are presented and discussed.

The ISDN Consultant - Robert E. Lee 1997

ISDN will solve the problems every telecommuter, small business and home office user faces today: too many expensive phone lines, not enough speed and access to information. With a single ISDN line from the phone company, you can fax/phone/surf the net/videoconference at ten

times the speed of one normal phone line. The CD-ROM includes the complete book text in searchable Adobe Acrobat format, plus the 500+ page North American ISDN Users Forum Application Catalog.

J2EE and JAX - Michael Yawn 2002

CD-ROM contains: Source code -- Tools for developing and deploying Web services.

A Methodology for Developing and Deploying Internet and Intranet Solutions - Jeff R. Greenberg 1998

Today's Intranet, Internet, and client/server deployments involve more sites, more participants, more technologies, and more complexity than ever before. Now a top Hewlett-Packard project manager introduces a complete, reusable methodology for successfully integrating and deploying practically any new technology.

Practical Planning for Network Growth - John Blommers 1996

As computer networks grow, network managers and system administrators are challenged to improve their network's performance. This book offers multi-vendor, multi-protocol, heterogeneous tools for evaluating and improving network performance. **KEY TOPICS:** Covers the fundamentals of network performance analysis; the parameters found in media such as Ethernet, Token Ring and FDDI; interconnect devices such as hubs, bridges, routers, and Ethernet switches; wide area technologies such as T-1, Frame Relay, and X.25; server architecture; and the application of practical tools such as LOTUS 123, MathCAD, and PlanNet to real network performance problems. **MARKET:** For network administrators, network designers, network performance analysts, and network consultants.

Video Text Detection - Tong Lu 2014-07-23

This book presents a systematic introduction to the latest developments in video text detection. Opening with a discussion of the underlying theory and a brief history of video text detection, the text proceeds to cover pre-processing and post-processing techniques, character segmentation and recognition, identification of non-English scripts, techniques for multi-modal analysis and performance evaluation. The detection of text from both natural video scenes and artificially inserted captions is examined.

Various applications of the technology are also reviewed, from license plate recognition and road navigation assistance, to sports analysis and video advertising systems. Features: explains the fundamental theory in a succinct manner, supplemented with references for further reading; highlights practical techniques to help the reader understand and develop their own video text detection systems and applications; serves as an easy-to-navigate reference, presenting the material in self-contained chapters.

Halting the Hacker - Donald L. Pipkin 2003

Get into the hacker's mind--and outsmart him! Fully updated for the latest threats, tools, and countermeasures Systematically covers proactive, reactive, and preemptive security measures Detailed, step-by-step techniques for protecting HP-UX, Linux, and UNIX systems "Takes on even more meaning now than the original edition!" --Denny Georg, CTO, Information Technology, Hewlett-Packard Secure your systems against today's attacks--and tomorrow's. Halting the Hacker: A Practical Guide to Computer Security, Second Edition combines unique insight into the mind of the hacker with practical, step-by-step countermeasures for protecting any HP-UX, Linux, or UNIX system. Top Hewlett-Packard security architect Donald L. Pipkin has updated this global bestseller for today's most critical threats, tools, and responses. Pipkin organizes this book around the processes hackers use to gain access, privileges, and control--showing you exactly how they work and the best ways to respond. Best of all, Pipkin doesn't just tell you what to do, but why. Using dozens of new examples, he gives you the skills and mindset to protect yourself against any current exploit--and attacks that haven't even been imagined yet. How hackers select targets, identify systems, gather information, gain access, acquire privileges, and avoid detection How multiple subsystems can be used in harmony to attack your computers and networks Specific steps you can take immediately to improve the security of any HP-UX, Linux, or UNIX system How to build a secure UNIX system from scratch--with specifics for HP-UX and Red Hat Linux Systematic proactive, reactive, and preemptive security measures Security testing, ongoing monitoring, incident response, and recovery--in depth Legal recourse: What laws are

being broken, what you need to prosecute, and how to overcome the obstacles to successful prosecution About the CD-ROM The accompanying CD-ROM contains an extensive library of HP-UX and Linux software tools for detecting and eliminating security problems and a comprehensive information archive on security-related topics.

Encyclopedia of Library and Information Science - Allen Kent 2001-11-02

This is the 70th encyclopaedia of library and information science. It covers topics such as: intelligent systems for problem analysis in organizations; interactive system design; international models of school library development; lexicalization in natural language generation; and more.

Architecting Enterprise Solutions with UNIX Networking - John Blommers 1999

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Meta Morphing - Vivian Carol Sobchack 2000

Two thousand years ago, Ovid asked his readers to imagine metamorphoses in which men and women became flowers and beasts. Today, before our cinema-savvy eyes, people melt and re-form as altogether new creatures: they "morph." This volume explores what digital morphing means -- both as a cultural practice specific to our times and as a link to a much broader history of images of human transformation. Meta-Morphing ranges over topics that include turn-of-the-century "quick-change" artists, Mesoamerican shamanic transformation, and cosmetic surgery; recent works such as Terminator 2, Star Trek: Deep Space Nine, Heavenly Creatures, and Forrest Gump; and the transformations imagined by Kafka, Proust, and Burroughs. The contributors look not only at the technical wizardry behind digital morphing, but also at the history and cultural concerns it expresses.

Instant JavaScript - Brian Holman 1997

This book is a complete tutorial in writing JavaScript code so you can add Java-like intelligence and interactivity to Web sites--without becoming an expert in object-oriented programming. "Interactive Internet with JavaScript" covers JavaScript from both the client and server side. The CD-ROM includes all code examples.

X Windows on the World - Thomas C. McFarland 1996

Guide to the techniques of developing software using the X Window System or the Motif Toolkit that can operate according to the rules and customs of a user's native language

Encyclopedia of Optical Engineering: Abe-Las, pages 1-1024 -

Ronald G. Driggers 2003

PRINT/ONLINE PRICING OPTIONS AVAILABLE UPON REQUEST ATe-reference@taylorandfrancis.com

Logarithmic Image Processing: Theory and Applications - 2016-07-26

Logarithmic Image Processing: Theory and Applications, the latest volume in the series that merges two long-running serials, Advances in Electronics and Electron Physics and Advances in Optical and Electron Microscopy and features cutting-edge articles on recent developments in all areas of microscopy, digital image processing, and many related subjects in electron physics. Merges two long-running serials, Advances in Electronics and Electron Physics and Advances in Optical and Electron Microscopy into a single volume Contains the latest information on logarithmic image processing and its theory and applications Features cutting-edge articles on recent developments in all areas of microscopy, digital image processing, and many related subjects in electron physics

Computer Vision and Image Processing - S. Nagabhushana 2005

An Attempt Has Been Made To Explain The Concepts Of Computer Vision And Image Processing In A Simple Manner With The Help Of Number Of Algorithms And Live Examples. I Sincerely Hope That The Book Will Give Complete Information About Computer Vision And Image Processing To The Reader.It Not Only Serves As An Introductory Academic Text, But Also Helps Practicing Professionals To Implement Various Computer Vision And Image Processing Algorithms In Real-Time Projects.

Object Databases in Practice - Mary E. S. Loomis 1998

You'll learn how to identify the best applications for OODBMS systems, understand the hardware requirements, and manage the technical tradeoffs. Object Databases in Practice presents insightful coverage of all five critical aspects of OODBMS deployment: architecture, application design, product selection, migration, and performance optimization.

Machine Vision and Its Optomechatronic Applications - Shun'ichi Kaneko 2004

Proceedings of SPIE present the original research papers presented at SPIE conferences and other high-quality conferences in the broad-ranging fields of optics and photonics. These books provide prompt access to the latest innovations in research and technology in their respective fields. Proceedings of SPIE are among the most cited references in patent literature.

Customer Relationship Management - Judith W. Kincaid 2003

An ETHS graduate of 1962 provides a blueprint for customer relationship management in business and technical organizations.

Configuring CDE - Charles Fernandez 1996

Now that Sun, IBM, Hewlett-Packard, and SCO have all agreed to use HP VUE as their desktop, there is great interest in techniques for customizing HP VUE. This book explains how to shape HP VUE to meet the requirements of a particular work environment, and in doing so, turn the computer into a personal productivity tool. Covers front panel modifications, application integration, startup configuration, and performance tuning. For system managers and end users who want to shape their HP VUE environment.

Advances in Multimedia Information Processing-PCM ... - 2005

Mobilize Your Enterprise - Patrick Brans 2003

Explains mobile technology in clear language Provides business-specific perspective, applications, and analysis Outlines a methodology for reengineering processes around mobility Covers the why, how, who, when, and where of this powerful, emerging technology "...an insightful--and essential--guidebook to the wireless transformation of the enterprise, a 'must-read' for any business or IT manager." --Barry Zellen, Editorial Director and CEO, WirelessReport.net Companies can gain an enormous advantage by mastering mobile technology. A wireless workforce allows information to flow immediately and freely between off-site employees and the home office, leading to what mobile business strategy expert Patrick Brans calls friction-free sales and service. In Mobilize Your

Enterprise, Brans explains precisely what you need to know about this emerging technology, where it's heading, and how it can benefit your organization. You'll discover how to profitably apply the technology to your particular situation and how reengineer your processes around mobility, all without delving into unnecessary technical detail. Wireless technology--how, when, and why to deploy it, and anticipating what's next
Wireless solutions you can apply to your company
Methods to reengineer business processes and claim huge competitive advantages from mobility
Portable solutions presented in detail, from computing devices, wireless network technologies and application gateways to enterprise applications and security
Real-life applications--you'll learn a great deal about wireless technology without being swamped in needless details
Vendor profiles--software, infrastructure, hardware, hosting, and integration
Managers, planners, and anyone else looking to improve their business using wireless technology will find Mobilize Your Enterprise an excellent resource. Brans' enthusiasm animates this complex topic--you'll grasp the big picture and understand how to apply the technology to your particular situation.

HP-UX 11i Systems Administration Handbook and Toolkit - Marty Poniatowski 2003

HP-UX 11i System Administration Handbook and Toolkit, second edition, is your singlesource for everything HP-UX administrators need to know! Now updated to cover new HP-UX 11i andpartitioning enhancements, plus every essential UNIX command. Covers installation, boot, kernel,devices, users, groups, SAM, Veritas VM, LVM, optimization, networking, GNOME, auditing, UNIXfile types and commands, vi, and shell programming. Includes extensive new disk partitioningcoverage: vPars, PRM, nPartitions, and MC/ServiceGuard. CD-ROM: new HP-UX performance managementtrialware, sysadmin "Cheat Sheets," and more.

[Disk and File Management Tasks on HP-UX](#) - Tom Madell 1997

Focusing on the mainstream everyday system administration tasks with emphasis on step-by-step examples, this manual covers the difficult and newly introduced features of HP-UX. It covers HP-UX 9.0 and HP-UX 10.1

Bancroft's Theory and Practice of Histological Techniques - Kim S Suvarna

2012-10-26

This is a brand new edition of the leading reference work on histological techniques. It is an essential and invaluable resource suited to all those involved with histological preparations and applications, from the student to the highly experienced laboratory professional. This is a one stop reference book that the trainee histotechnologist can purchase at the beginning of his career and which will remain valuable to him as he increasingly gains experience in daily practice. Thoroughly revised and up-dated edition of the standard reference work in histotechnology that successfully integrates both theory and practice.Provides a single comprehensive resource on the tried and tested investigative techniques as well as coverage of the latest technical developments. Over 30 international expert contributors all of whom are involved in teaching, research and practice.Provides authoritative guidance on principles and practice of fixation and staining. Extensive use of summary tables, charts and boxes.Information is well set out and easy to retrieve. Six useful appendices included (SI units, solution preparation, specimen mounting, solubility). Provides practical information on measurements, preparation solutions that are used in daily laboratory practice. Color photomicrographs used extensively throughout. Better replicates the actual appearance of the specimen under the microscope. Brand new co-editors. New material on immunohistochemical and molecular diagnostic techniques.Enables user to keep abreast of latest advances in the field.

Proceedings - David Schaefer 2002

The purpose of the Applied Imagery Pattern Recognition (AIPR) annual workshops is to bring together researchers from government, industry, and academia in an elegant setting conducive to technical interchange across a broad range of disciplines. The papers span a range from research to fielded systems and provide, to managers and developers alike, a broad vision of the applicability of image analysis technologies.

High-mix Low-volume Manufacturing - R. Michael Mahoney 1997

Many of the problems manufacturers face seem to defy intuitive solutions . . . and are full of uncertainty and risk. But every situation--no matter how tentative or unsettling it seems--can be logically analyzed and

systematically mapped out. "High-Mix, Low-Volume Manufacturing" covers the entire spectrum of manufacturing-related topics, from competitive strategies through performance measurements. Although there is a special focus on high-mix, low-volume manufacturing, there is much useful and valuable information for people in all other types of manufacturing. This book is a thorough reference for practitioners and academics interested in how manufacturing should and can be run. "High-Mix, Low-Volume Manufacturing" is a groundbreaking work, integrating ideas from many sources. In this book, manufacturing fundamentals are re-examined in a way that often gets overlooked by corporate strategists. This book is a comprehensive, practical, and detailed educational reference covering "global" concepts through "tactical" ideas in a clear and concise manner. The goal of this book is to develop the manufacturing core competencies required to obtain a competitive advantage. This book has both an immediate and long-term payoff.

Modern Digital Halftoning, Second Edition - Daniel L. Lau 2001-02-21

A comprehensive treatment of various approaches to monochrome and digital halftoning. It describes ideal spatial and spectral characteristics of green- and blue-noise halftoning that provide patterns of visual appeal and computational complexity in a wide range of printing technologies. The book comes with a CD-ROM of algorithms and statistics with colour examples.

Fiber Optic Test and Measurement - Dennis Derickson 1998

This is the most authoritative, complete source of test and measurement information for engineers who design and maintain fiber optic networks. This book presents measurement principles for characterizing all three basic components of a fiber optic communication system: the optical transmitter, fiber medium and optical receiver. It also covers system level measurements, and discusses the principles and limitations of current fiber optic testing equipment. It discusses testing to SONET/SDH international standards, and helps engineers choose the best approach to testing today's new erbium doped fiber amplifiers. The book provides detailed recommendations for understanding polarization states, and presents new methods for accurately characterizing the behavior of

Wavelength Division Multiplexing (WDM) fiber systems. It includes detailed coverage of testing fiber in the local loop, using optical power meters and optical time domain reflectometers. It also reviews the latest state-of-the-art 10 Gb/s systems, and even faster systems on the horizon. The coverage is practical, helping professionals accurately measure and test fiber optic systems without becoming experts in theory. All fiber optic engineers working with communications applications.

ICMIT 2005 - Yunlong Wei 2005

Proceedings of SPIE present the original research papers presented at SPIE conferences and other high-quality conferences in the broad-ranging fields of optics and photonics. These books provide prompt access to the latest innovations in research and technology in their respective fields. Proceedings of SPIE are among the most cited references in patent literature.

Shape Classification and Analysis - Luciano da Fona Costa 2018-10-03

Because the properties of objects are largely determined by their geometric features, shape analysis and classification are essential to almost every applied scientific and technological area. A detailed understanding of the geometrical features of real-world entities (e.g., molecules, organs, materials and components) can provide important clues about their origin and function. When properly and carefully applied, shape analysis offers an exceedingly rich potential to yield useful applications in diverse areas ranging from material sciences to biology and neuroscience. Get Access to the Authors' Own Cutting-Edge Open-Source Software Projects—and Then Actually Contribute to Them Yourself! The authors of Shape Analysis and Classification: Theory and Practice, Second Edition have improved the bestselling first edition by updating the tremendous progress in the field. This exceptionally accessible book presents the most advanced imaging techniques used for analyzing general biological shapes, such as those of cells, tissues, organs, and organisms. It implements numerous corrections and improvements—many of which were suggested by readers of the first edition—to optimize understanding and create what can truly be called an interactive learning experience. New Material in This Second Edition

Addresses Graph and complex networks Dimensionality reduction
Structural pattern recognition Shape representation using graphs
Graphically reformulated, this edition updates equations, figures, and references, as well as slides that will be useful in related courses and general discussion. Like the popular first edition, this text is applicable to many fields and certain to become a favored addition to any library. Visit <http://www.vision.ime.usp.br/~cesar/shape/> for Useful Software, Databases, and Videos

The HP-UX System Administration Handbook and Toolkit - Marty Poniatowski 1998

Here are great ideas and tools for smarter, more effective HP-UX system administration. The book is a thorough guide for system administrators--from the basics of system set-up to the most advanced tips n' tricks for maximizing performance and troubleshooting. The two CD-ROMS contain an unprecedented collection of trial software for HP-UX administration, development, and interoperability with NT systems.

Desktop Scanners - Robert G. Gann 1999

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Modern Digital Halftoning - Daniel L. Lau 2018-10-03

The late 1980s, revolutionary advances in digital halftoning enabled inkjet

printers to achieve much higher image fidelity. The rapid rate of progress has resulted in numerous breakthroughs scattered throughout the literature, rendering old technologies obsolete and renewing the need for a centralized source on the current state of the art. Entirely revised and updated, *Modern Digital Halftoning, Second Edition* provides an integrated and up-to-date treatment of stochastic halftoning and digital printing. Using full-color illustrations to enhance the text, this edition incorporates new topics as well as updated models, algorithms, and methods used to construct and improve the quality of green-noise, blue-noise, and multitone images. Following a review of various halftoning techniques, this edition now covers amplitude modulated dither arrays, adapting to human visual models, direct binary search, and handling stochastic moiré problems. It also presents a new chapter on lenticular printing, a means for printing color holographic images. An accompanying CD-ROM contains MATLAB® software files and illustrated examples employing algorithms, statistics, and other key concepts from the book. Documenting the development of digital printing since the first edition, *Modern Digital Halftoning, Second Edition* offers a well-rounded and accurate perspective on the technological capabilities of digital printing and provides all the necessary tools for continuing research in the field.