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Asian Americans: An Encyclopedia of Social, Cultural, Economic, and Political History [3 volumes]

Xiaojuan Zhao 2013-11-26 This is the most comprehensive and up-to-date reference work on Asian Americans, comprising three volumes that address a broad range of topics on various Asian and Pacific Islander American groups from 1848 to the present day. • Presents information on Asian Americans and individual Asian ethnic groups that provides comprehensive overviews of the respective groups • Includes special topic entries that contain source information regarding major historical events • Comprises work from a truly outstanding list of contributors that include scholars, journalists, writers, community activists, graduate students, and other specialists • Expands the boundaries of Asian American studies through innovative entries that address transnationalism, gender and sexuality, and inter- and cross-disciplinarity

Tussen tent en villa / druk 1 Mieke Dings 2015-05-08 Het vakantiepark: wie heeft er niet weleens een vakantie doorgebracht? Vroeger in Sporthuis Centrum of tegenwoordig in Center Parcs, Landal Green Parks of Roompot. Ons kleine land telt meer dan duizend vakantieparken en heeft daarmee de hoogste vakantieparkendichtheid in de wereld. Nergens is het vakantiepark met zo veel enthousiasme omarmd als in ons land. Ondanks dit enthousiasme is tot op heden nog maar weinig

over de ideeën achter deze populaire vakantieaccommodatie bekend. Tussen tent en villa brengt daar verandering in. Door middel van archiefstukken, artikelen, reclamefolders en ansichtkaarten reconstrueert Mieke Dings de ontwikkeling van het vakantiepark. Van primitief tentenkamp tot optimaal belevingseiland en verder. Daarmee biedt het boek inzicht in bijna honderd jaar ontwerpen aan recreatie in Nederland. 0.

Object Recognition M. Bennamoun 2001-12-12 Automatie object recognition is a multidisciplinary research area using concepts and tools from mathematics, computing, optics, psychology, pattern recognition, artificial intelligence and various other disciplines. The purpose of this research is to provide a set of coherent paradigms and algorithms for the purpose of designing systems that will ultimately emulate the functions performed by the Human Visual System (HVS). Hence, such systems should have the ability to recognise objects in two or three dimensions independently of their positions, orientations or scales in the image. The HVS is employed for tens of thousands of recognition events each day, ranging from navigation (through the recognition of landmarks or signs), right through to communication (through the recognition of characters or people themselves). Hence, the motivations behind the construction of recognition systems, which have the ability to function in the real world, is unquestionable and

would serve industrial (e.g. quality control), military (e.g. automatie target recognition) and community needs (e.g. aiding the visually impaired). Scope, Content and Organisation of this Book This book provides a comprehensive, yet readable foundation to the field of object recognition from which research may be initiated or guided. It represents the culmination of research topics that I have either covered personally or in conjunction with my PhD students. These areas include image acquisition, 3-D object reconstruction, object modelling, and the matching of objects, all of which are essential in the construction of an object recognition system.

Een korte geschiedenis van de tijd Stephen William Hawking 2005

Digital Photoelasticity K. Ramesh 2000-03-06 A straightforward introduction to basic concepts and methodologies for digital photoelasticity, providing a foundation on which future researchers and students can develop their own ideas. The book thus promotes research into the formulation of problems in digital photoelasticity and the application of these techniques to industries. In one volume it provides data acquisition by DIP techniques, its analysis by statistical techniques, and its presentation by computer graphics plus the use of rapid prototyping technologies to speed up the entire process. The book not only presents the various techniques but also provides the relevant time-tested software codes. Exercises designed to support and extend the treatment are found at the end of each chapter.

Roald Dahl woordenboek 2016-09-06

An Introduction to Numerical Methods in C++ Brian Hilton Flowers 2000 This text on numerical computing, presented through the medium of the C++ language, is designed for students of science and engineering who are seriously studying numerical methods for the first time. It should also be of interest to computing scientists who wish to see how C++ can be used in earnest for numerical computation. The mathematical prerequisites are those which an undergraduate student of science or engineering might be expected to possess after the earlier years of study: elementary calculus, linear algebra, and differential equations. In computing, a good

knowledge, such as Basic, Fortran, or Pascal, is assumed, while a working knowledge of C would be an advantage. However, no prior knowledge of C++ is assumed. The language is developed in step with its numerical applications. Features of the language not used here are ignored. What remains, however, is a powerful framework for numerical computations and more than enough for an introductory text.

Image Processing for Computer Graphics Jonas Gomes 1997 Image processing is a central theme in computer graphics. This book provides a modern introduction to both the underlying mathematics and the main concepts and techniques of the subject. It covers important modern techniques such as morphing and warping images as well as dithering, compositing, and other operations on images. Het Tweede machinetijdperk Erik Brynjolfsson 2014-10-08 Internationale bestseller over de impact van technologie op ons leven: Google Glasses, zelfrijdende auto's, computers die het menselijk brein vervangen... De digitalisering heeft ons leven drastisch veranderd, en we staan nog maar aan het begin van deze revolutie. 'Vanaf nu wordt de verandering pas echt duizelingwekkend', aldus Erik Brynjolfsson en Andrew McAfee, beiden verbonden aan het prestigieuze MIT. 'En het is aanpassen of verliezen.' Miljoenen mensen dreigen hun baan te verliezen, precaire machtsevenwichten verschuiven en de sociale ongelijkheid groeit. Dit tweede tijdperk der machines kan echter ook zorgen voor meer welvaart. Maar dan moeten we nu de juiste keuzes maken.

Handbook of Computer Animation John Vince 2002-11 Written by specialists in teaching computer animation, this text addresses key international topics of computer animation, such as: mathematics, modelling, rendering, and compositing. Each chapter discusses a particular topic and how it is applied, including state-of-the-art techniques that are used in computer animation. The handbook provides a complete and up-to-date picture of computer animation and will be a valuable reference source for programmers, technical directors and animators in computer animation, computer games and special effects and also undergraduate and postgraduate students. The editor, John Vince, has written and edited over 20 books on

computer graphics, computer animation and virtual reality.

De vita Caesarum Gaius Suetonius Tranquillus 1527

Digital Image Processing of Remotely

Sensed Data R. Michael Hord 1982 Of basic concepts. Data sources. Computer processing. Algorithms. Applications examples. Research topics. Practical issues.

3D Computer Graphics Sam Buss 2003-05-19 Table of contents

Darwins gevaarlijke idee Daniel Clement Dennett 2001 Filosofische benadering van de geschiedenis van de evolutietheorie.

Het onsterfelijke leven van Henrietta Lacks Rebecca Skloot 2017-11-14 Haar naam was Henrietta Lacks, maar de medische wereld kent haar als HeLa. In de jaren '50 werden haar kankercellen zonder dat zij dat wist bij haar weggenomen. Met behulp van deze cellen, die letterlijk onsterfelijk zijn, werden de meest uiteenlopende geneeskundige ontdekkingen gedaan en rond de verkoop ervan ontstond een miljoenenindustrie. Het leven van Henrietta bleef echter vrijwel onbekend en ook haar familie wist tot ruim dertig jaar geleden niet van het bestaan van de cellen af. Rebecca Skloot vertelt het verhaal van de 'HeLa-cellen', maar laat ons vooral ook kennis maken met Henrietta, haar verleden en haar familie, die nog steeds worstelt met de nalatenschap van de cellen. Ze laat zien dat het verhaal van de familie Lacks onlosmakelijk verbonden is met de duistere geschiedenis van het experimenteren met Afrikaans-Amerikanen, het ontstaan van de ethiek binnen de biologie en de juridische strijd over de vraag of we de baas zijn over de materie waarvan we zijn gemaakt.

Computer Graphics, C Version Donald Hearn 1997 The book also contains the following additional features: discussion of hardware and software components of graphics systems, as well as various applications; exploration of algorithms for creating and manipulating graphics displays, and techniques for implementing the algorithms; use of programming examples written in C to demonstrate the implementation and application of graphics algorithms; and exploration of GL, PHIGS, PHIGS+, GKS, and other graphics libraries.

Image Analysis for the Biological Sciences

C. A. Glasbey 1995-08-08 Covering the basics of quantitative image analysis - the extraction of information from data in the form of pictures - this study places special emphasis on methods relevant to environmental scientists. Practical examples from various fields are introduced to demonstrate applications.

De spektakelmaatschappij Guy-Ernest Debord 2001 Hegeliaans-marxistische kritiek op de kapitalistische maatschappij en op de revolutionaire stromingen die het kapitalisme hebben bestreden.

Vijf eeuwen opvoeden in Nederland Nelleke Bakker Opvoeding is een thema van alle tijden. Sinds mensenheugenis wordt er al geklaagd over Ôde jeugd van tegenwoordig en zijn mensen op zoek naar de beste manier om kinderen en jongeren kennis, maar ook normen en waarden bij te brengen. Tegelijkertijd zijn in de loop der eeuwen de sociaal-economische, politieke en culturele omstandigheden ingrijpend veranderd, en daarmee ook de opvattingen over opvoeding en onderwijs. Vijf eeuwen opvoeden in Nederland biedt een compleet overzicht van de geschiedenis van opvoeding, onderwijs, vorming en hulpverlening in Nederland vanaf ongeveer 1500. Het boek behandelt in vier delen de onderwerpen Pedagogische stromingen, Kind, jeugd en gezin, Speciale opvoeding en Onderwijs. Elk deel is opgebouwd uit afzonderlijke hoofdstukken die gewijd zijn aan de Republiek, de negentiende eeuw en de twintigste eeuw. Veel aandacht wordt besteed aan het historisch kader waarbinnen de ontwikkeling van opvoeding en onderwijs zich afspeelde. Samen met de grote hoeveelheid deels uniek beeldmateriaal en de vele bronfragmenten maakt dit Vijf eeuwen opvoeden in Nederland tot een boeiend en levendig overzichtswerk, onmisbaar voor iedereen die zich bezighoudt met of geïnteresseerd is in de theorie en praktijk van onderwijs en opvoeding. Over de auteurs Dr. Nelleke Bakker is universitair hoofddocent Historische Pedagogiek aan de Rijksuniversiteit Groningen. Dr. Jan Noordman was tot 2005 universitair hoofddocent Historische Pedagogiek aan de Radboud Universiteit Nijmegen. Dr. Marjoke Rietveld-van Wingerden is universitair docent Historische Pedagogiek aan de Vrije Universiteit

Amsterdam. Bron: Flaptekst, uitgeversinformatie.

Exploration of Halley's Comet Michael Grewing 2012-12-06 The 1985/86 apparition of Halley's Comet turned out to be the most important apparition of a comet ever. It provided a worldwide science community with a wealth of exciting new discoveries, the most remarkable of which was undoubtedly the first image of a cometary nucleus. Halley's Comet is the brightest periodic comet, and the most famous of the 750 known comets. With its 76-year period, its recent appearance was truly a "once-in-a-lifetime" observational opportunity. The 1985/86 apparition was the thirtieth consecutive recorded apparition. Five apparitions ago, the English astronomer Edmond Halley discovered the periodicity of "his" comet and correctly predicted its return in 1758, a triumph for science best appreciated in the context of contemporary views, or rather fears, about comets at that time. The increasingly rapid progress in technological development is very much apparent when one compares the dominant tools for cometary research during Halley's next three apparitions: in 1835 studies were made based on drawings of the comet; in 1910 photographic plates were used; while in March 1986 an armada of six spacecraft from four space agencies approached the comet and carried out in situ measurements, 1 AU from the Earth. In 1910, nobody could have dreamed that this was possible, and today it is equally difficult to anticipate what scientists will be able to achieve in 2061.

Computational Statistics Geof H. Givens 2005-02-02 A comprehensive, classroom-tested introduction to modern computational statistics. This comprehensive introduction enables readers to develop a multifaceted and thorough knowledge of modern statistical computing and computational statistics. Backed by many years of classroom experience, the authors help readers gain a practical understanding of how and why modern statistical methods work, enabling readers to apply these methods effectively. Detailed examples are drawn from diverse fields such as bioinformatics, ecology, medicine, computer vision, and stochastic finance. The text emphasizes areas that are central to understanding the evolving field of

computational statistics including areas where routine application of software often fails to solve complex problems. Topics covered include ordinary and combinatorial optimization, algorithms for missing data, numerical and Monte Carlo integration, simulation, introductory and advanced Markov chain Monte Carlo, bootstrapping, density estimation, and smoothing. Knowledge of computer languages is not required, making examples and algorithms easier for readers to follow. Everything needed to quickly learn and apply the material is provided and is presented in a fluid, jargon-free style with fascinating real-world examples and problem sets that have been tested in the classroom for more than a decade.

Computational Statistics is recommended for graduate-level courses in statistics, computer science, mathematics, engineering, and other quantitative sciences. Advanced undergraduate students can also use this text to learn the basics and for deeper study as they progress. Chapters are written to stand independently, allowing instructors to build their own courses by selecting topics. Statisticians and quantitative empirical scientists will refer to this desktop reference often. By providing readers with a thorough understanding of contemporary statistical techniques, the book gives readers a solid foundation for contributing their own ideas and finding new applications for this dynamic field.

Towards Excellence in Engineering Education Khmaies Ouahada 2019-12-12 Acquiring knowledge is a life-long process; we constantly need to keep abreast of developments and progress in science and other disciplines. Embracing a scholarship of teaching and learning (SoTL) means practicing constant self-reflection, involving evaluation of the academic career and the ways in which strategies are designed to examine, interpret, and share learning about teaching. This practice not only yields benefits to the lecturer but also enriches the scholarly community in the discipline. In general, SoTL is regarded as a vibrant practice of ongoing self-criticism and sharing, which results in accumulated teaching experiences for teachers, students, and the teaching community at large. This book is a contribution from authors sharing their experiences, how their teaching

portfolios reflect their personal development as teachers, and how their teaching experiences are embedded in the scholarship of teaching and learning.

DN to [lambda] James R. Janesick 2007 Contains more than 230 figures that present experimental CCD and CMOS data products and modeling simulations connected to photon transfer. This title also provides hundreds of relations that support photon transfer theory, simulations, and data.

Leaves of grass Walt Whitman 2013-04 Dit boek is onderdeel van de TREDITION CLASSICS serie. De makers van deze serie zijn verbonden door hun passie voor literatuur en gedreven met de bedoeling om alle publieke domein boeken weer gedrukte vorm beschikbaar te maken - wereldwijd. De meeste geprinte TREDITION CLASSICS titels zijn al decennia verdwenen uit de boekenkasten. Bij tredition geloven wij dat een goed boek nooit uit de mode is en dat zijn waarde voor eeuwig is. Deze boeken serie helpt bij het behouden van de literatuur schatten. Het draagt bij in het behouden van prachtige wereldliteratuur werken.

Parallel Algorithms for Regular Architectures Russ Miller 1996 Parallel-Algorithms for Regular Architectures is the first book to concentrate exclusively on algorithms and paradigms for programming parallel computers such as the hypercube, mesh, pyramid, and mesh-of-trees. Algorithms are given to solve fundamental tasks such as sorting and matrix operations, as well as problems in the field of image processing, graph theory, and computational geometry. The first chapter defines the computer models, problems to be solved, and notation that will be used throughout the book. It also describes fundamental abstract data movement operations that serve as the foundation to many of the algorithms presented in the book. The remaining chapters describe efficient implementations of these operations for specific models of computation and present algorithms (with asymptotic analyses) that are often based on these operations. The algorithms presented are the most efficient known, including a number of new algorithms for the hypercube and mesh-of-trees that are better than those that have previously appeared in the literature. The chapters may be read

independently, allowing anyone interested in a specific model to read the introduction and then move directly to the chapter(s) devoted to the particular model of interest. Russ Miller is Assistant Professor in the Department of Computer Science, State University of New York at Buffalo. Quentin F. Stout is Associate Professor in the Department of Electrical Engineering and Computer Science at the University of Michigan. Parallel Algorithms for Regular Architectures is included in the Scientific Computation series, edited by Dennis Gannon.

Image Structure Luc Florack 1997-09-30 Despite the fact that images constitute the main objects in computer vision and image analysis, there is remarkably little concern about their actual definition. In this book a complete account of image structure is proposed in terms of rigorously defined machine concepts, using basic tools from algebra, analysis, and differential geometry. Machine technicalities such as discretisation and quantisation details are de-emphasised, and robustness with respect to noise is manifest. From the foreword by Jan Koenderink: 'It is my hope that the book will find a wide audience, including physicists - who still are largely unaware of the general importance and power of scale space theory, mathematicians - who will find in it a principled and formally tight exposition of a topic awaiting further development, and computer scientists - who will find here a unified and conceptually well founded framework for many apparently unrelated and largely historically motivated methods they already know and love. The book is suited for self-study and graduate courses, the carefully formulated exercises are designed to get to grips with the subject matter and prepare the reader for original research.'

Olivier Twist Charles Dickens 1840

SuperFractals Michael Fielding Barnsley 2006-09-07 SuperFractals, first published in 2006, describes mathematics and algorithms for the first time in book form, with breathtaking colour pictures.

Parallel Architectures and Parallel Algorithms for Integrated Vision Systems Alok N. Choudary 1990-09-30 Computer vision is one of the most complex and computationally intensive problem. Like any other

computationally intensive problems, parallel processing has been suggested as an approach to solving the problems in computer vision. Computer vision employs algorithms from a wide range of areas such as image and signal processing, advanced mathematics, graph theory, databases and artificial intelligence. Hence, not only are the computing requirements for solving vision problems tremendous but they also demand computers that are efficient to solve problems exhibiting vastly different characteristics. With recent advances in VLSI design technology, Single Instruction Multiple Data (SIMD) massively parallel computers have been proposed and built. However, such architectures have been shown to be useful for solving a very limited subset of the problems in vision. Specifically, algorithms from low level vision that involve computations closely mimicking the architecture and require simple control and computations are suitable for massively parallel SIMD computers. An Integrated Vision System (IVS) involves computations from low to high level vision to be executed in a systematic fashion and repeatedly. The interaction between computations and information dependent nature of the computations suggests that architectural requirements for computer vision systems can not be satisfied by massively parallel SIMD computers.

Het bewustzijn verklaard Daniel Clement Dennett 1999

Langzame man J.M. Coetzee 2013-03-11 Toen hij door de lucht vloog dacht hij nog direct weer op te kunnen staan, even diep adem te halen, en dan weer door te fietsen. Maar nu zit hij thuis, een been tot boven de knie geamputeerd. Met tegenzin probeert hij te wennen aan het idee dat er nu dagelijks een verpleegster over de vloer komt. De eerste is een regelrechte ramp. De tweede, een Kroatische, handig, stevig en niet onaantrekkelijk, brengt Paul Rayment echter al snel op andere gedachten. Langzame man is een uitmuntende familieroman, een treffend en dikwijls komisch boek, waarin de lezer met een paar principiële vragen wordt geconfronteerd. Waarom hebben we pas echt het gevoel dat we leven als we voor een ander kunnen zorgen? Hebben mensen zonder kinderen iets essentieels gemist? En buitendien, wat is echte liefde? `Het

beste boek van de afgelopen tien jaar. Arnon Grunberg in de Volkskrant

In Londen en Parijs Charles John Huffam Dickens 1860

De wording van Steve Jobs Brent Schlender 2015-05-23 In De wording van Steve Jobs wordt afgerekend met het stereotype, eendimensionale beeld van Jobs als opvliegende, zelfzuchtige leider. Diepgravend, gedetailleerd en zich baserend op solide feiten, tonen de auteurs hoe de onbezonnen ondernemer die wordt verstoten uit het bedrijf dat hij zelf oprichtte, uitgroeit tot een visionair leider. Schlender en Tetzelli vertellen het werkelijke verhaal over Jobs: hoe hij worstelde met zijn tekortkomingen en leerde om zijn sterke eigenschappen maximaal in te zetten. Hun rijke beschrijvingen worden ondersteund door exclusieve verhalen van Jobs' naasten die voor het eerst meewerken aan een biografie, waardoor een gelaagd, authentiek en compleet portret ontstaat. Ze spraken met Jobs echtgenote, vrienden, collega's en concurrenten. En zo wordt duidelijk dat Jobs' ongeëvenaarde succes op veel meer pijlers rustte dan 'slechts' de juiste producten kiezen - zoals iMac, iPod, iPhone, iPad. Juist in zijn latere leven werd hij geduldiger, ontwikkelde hij een zeer hechte band met zijn team die gecombineerd met zijn fameuze, niet aflatende passie, Apple tot een van de meest succesvolle bedrijven ooit maakte. 'Beste portret ooit. Voor het eerst geheel volledig.' - Eddy Cue, Hoofd Software Apple 'Steve Jobs zoals u hem niet kent. Deze biografie toont ook de "zachte kant" van de Apple-oprichter.' - De Morgen 'Bevat meer details over de computerindustrie dan Isaacsons biografie.' - NRC Handelsblad

Keep going Austin Kleon 2019-04-11 In Steal like an artist en Show your work! toonde Austin Kleon hoe iedereen creatief kan zijn en hoe je die creativiteit met de wereld kunt delen. In zijn nieuwe bestseller leer je aan de hand van tien verrassende inzichten hoe je in een wereld vol afleiding creatief kunt blijven doorgaan. Keep on going is een boek voor iedereen die een zinvol en productief creatief leven wil leiden en die af en toe eens vastloopt. Onthoud: leven is kunst, geen wetenschap. Iedereen heeft zijn eigen kijk op dingen. Neem wat je nodig hebt en laat de rest liggen. Keep going en take care of yourself. Elke dag is groundhog day. Een gewijde basis

creëren. Vergeet de titel. Ga aan het werk. Maak geschenken. Het gewone + extra aandacht = het buitengewone. Dood de kunstmonsters. Je mag van mening veranderen. Bij twijfel, ga opruimen. Demonen haten frisse lucht.10. Onderhoud je tuin.

Discovering Wavelets Edward Aboufadel

1999-10-05 An accessible and practical introduction to wavelets With applications in image processing, audio restoration, seismology, and elsewhere, wavelets have been the subject of growing excitement and interest over the past several years. Unfortunately, most books on wavelets are accessible primarily to research mathematicians. *Discovering Wavelets* presents basic and advanced concepts of wavelets in a way that is accessible to anyone with only a fundamental knowledge of linear algebra. The basic concepts of wavelet theory are introduced in the context of an explanation of how the FBI uses wavelets to compress fingerprint images. Wavelet theory is further developed in the setting of function spaces. The book then moves on to present more advanced topics such as filters, multiresolution analysis, Daubechies' wavelets, and further applications. The book concludes with a series of projects and problems that introduce advanced topics and offer starting points for research. Sample projects that demonstrate real wavelet applications include

image compression, a wavelet-based search engine, processing with Daubechies' wavelets, and more. Among the special features of *Discovering Wavelets* are: * Real-life, hands-on examples that involve actual wavelet applications * A companion Web site containing Pixel Images software and Maple files to be used with the projects in the book * Challenging problems that reinforce and expand on the ideas being developed * An appendix containing the linear algebra needed to understand wavelets as presented in the book

Image Reconstruction from Projections

Gabor T. Herman 1980 Image reconstruction from projections. Probability and random variables. An overview of the process of CT. Physical problems associated with data collection in CT. Computer simulation of data collection in CT. Data collection and reconstruction of the head phantom under various assumptions. Basic concepts of reconstruction algorithms. Backprojection. Convolution method for parallel beams. Other transform methods for parallel beams. Convolution methods for divergent beams. The algebraic reconstruction techniques. Quadratic optimization methods. Noniterative series expansion methods. Truly three-dimensional reconstruction. Three-dimensional display of organs. Mathematical background.