

23 86mb La Logique De La Decouverte Scientifique Ebook

Arts & Humanities Citation IndexTowards Extensible and Adaptable Methods in ComputingIEEE Membership DirectoryBooks in Print SupplementCloud ComputingBusiness Periodicals IndexRomance Languages and Linguistic Theory 2009Optimizing and Troubleshooting Hyper-V NetworkingExperiences with Oracle Database 12c Release 1 on Linux on System zInternational Directory of Company HistoriesDatabase Systems for Advanced ApplicationsThe Management of Change in GovernmentFuzzy Set Analysis for Behavioral and Social SciencesLenition and FortitionInternational Directory of Company HistoriesSoft Computing in Industrial ElectronicsSemantic Role LabelingInternational Directory of Company HistoriesThe Industrialisation of Soviet Russia 3: The Soviet Economy in Turmoil 1929-1930Administrative ReformE-Commerce and Intelligent MethodsInflation and String TheoryEnglish Men of ScienceThe Logic of Typed Feature StructuresDigital Crime and Forensic Science in CyberspacePompeii: The Casa Dei Dioscuri and Its PaintersReconceiving InfertilityMathematics of Quantum ComputingInternational Directory of Company HistoriesHaskell High Performance ProgrammingFirst Settlement of Remote OceaniaHuman-Robot InteractionSocial Perception and Social RealityAdvances and Applications of DSMT for Information Fusion, Vol. 3Gesamtverzeichnis ausländischer Zeitschriften und Serien 1939-1958

(GAZS)Industrial EnlightenmentMixing SecretsA New Critique of Theoretical ThoughtAdvances in Multilingual and Multimodal Information RetrievalEvolutionary Biology – Concepts, Biodiversity, Macroevolution and Genome Evolution

Arts & Humanities Citation Index

In 1929-30, the 'spinal year' of the first five-year plan, a vast investment programme began the transformation of the Soviet Union from a peasant country into a great industrial power. This book, the third part of *The Industrialisation of Soviet Russia*, re-examines the breakdown of the mixed economy. In those days of heroism and enthusiasm, hunger and repression, crucial Soviet economic and political institutions were established, and are only now being effectively challenged by Gorbachev's revolution. While complementing the previous two volumes of this author's work, the book is designed to be read independently. It sheds new light on a dramatic moment in Soviet history and in the formation of the Soviet system.

Towards Extensible and Adaptable Methods in Computing

Human-Robot Interaction: A Survey presents a unified treatment of HRI-related issues, identifies key themes, and discusses challenge problems that are likely to

shape the field in the near future. The survey includes research results from a cross section of the universities, government efforts, industry labs, and countries that contribute to HRI, and a cross section of the disciplines that contribute to the field, such as human factors, robotics, cognitive psychology and design

IEEE Membership Directory

The past two decades have seen transformative advances in cosmology and string theory. Observations of the cosmic microwave background have revealed strong evidence for inflationary expansion in the very early universe, while new insights about compactifications of string theory have led to a deeper understanding of inflation in a framework that unifies quantum mechanics and general relativity. Written by two of the leading researchers in the field, this complete and accessible volume provides a modern treatment of inflationary cosmology and its connections to string theory and elementary particle theory. After an up-to-date experimental summary, the authors present the foundations of effective field theory, string theory, and string compactifications, setting the stage for a detailed examination of models of inflation in string theory. Three appendices contain background material in geometry and cosmological perturbation theory, making this a self-contained resource for graduate students and researchers in string theory, cosmology, and related fields.

Books in Print Supplement

Cloud Computing

This volume provides practicing engineers with new solutions to demanding real-world problems. It presents applications of soft computing to the field of industrial electronics in two categories, electric power applications and emerging applications.

Business Periodicals Index

The eighth campaign of the Cross Language Evaluation Forum (CLEF) for European languages was held from January to September 2007. There were seven distinct evaluation tracks in CLEF 2007, designed to test the performance of a wide range of multilingual information access systems or system components. CLEF is by now an established international evaluation initiative and, in 2007, 81 groups from all over the world submitted results for one or more of the different evaluation tracks. Full details regarding the design of the tracks, the methodologies used for evaluation, and the results obtained by the participants can be found in the different sections of these proceedings. As always the results of the campaign were

reported and discussed at the annual workshop, held in Budapest, Hungary, 19-21 September, immediately following the eleventh European Conference on Digital Libraries. The workshop plays an important role by providing the opportunity for all the group that have participated in the evaluation campaign to get together to compare approaches and exchange ideas.

Romance Languages and Linguistic Theory 2009

This textbook presents the elementary aspects of quantum computing in a mathematical form. It is intended as core or supplementary reading for physicists, mathematicians, and computer scientists taking a first course on quantum computing. It starts by introducing the basic mathematics required for quantum mechanics, and then goes on to present, in detail, the notions of quantum mechanics, entanglement, quantum gates, and quantum algorithms, of which Shor's factorisation and Grover's search algorithm are discussed extensively. In addition, the algorithms for the Abelian Hidden Subgroup and Discrete Logarithm problems are presented and the latter is used to show how the Bitcoin digital signature may be compromised. It also addresses the problem of error correction as well as giving a detailed exposition of adiabatic quantum computing. The book contains around 140 exercises for the student, covering all of the topics treated, together with an appendix of solutions.

Optimizing and Troubleshooting Hyper-V Networking

Experiences with Oracle Database 12c Release 1 on Linux on System z

International Directory of Company Histories

Database Systems for Advanced Applications

This book constitutes the workshop proceedings of the 14th International Conference on Database Systems for Advanced Applications, DASFAA 2009, held in Brisbane, Australia, in April 2009. The volume contains six workshops, each focusing on specific research issues that contribute to the main themes of the DASFAA conference: The First International Workshop on Benchmarking of XML and Semantic Web Applications (BenchmarkX'09); The Second International Workshop on Managing Data Quality in Collaborative Information Systems (MCIS'09); The 1st International Workshop on Data and Process Provenance (WDPP'09); The First International Workshop on Privacy-Preserving Data Analysis (PPDA'09); The First

International Workshop on Mobile Business Collaboration (MBC'09); and the First Ph.D. Workshop.

The Management of Change in Government

A multidisciplinary index covering the journal literature of the arts and humanities. It fully covers 1,144 of the world's leading arts and humanities journals, and it indexes individually selected, relevant items from over 6,800 major science and social science journals.

Fuzzy Set Analysis for Behavioral and Social Sciences

What is administrative reform? How is it differentiated from other kinds of social reform? Who are administrative reformers and how do they approach their task? And who benefits and who suffers from it? Does a theory of administrative reform exist? A survey of published research on administrative reform reveals that satisfactory answers to these questions are handicapped by methodological and theoretical shortcomings. There are no common definitions, no agreement over content, no selected boundaries, no clear links with the wide phenomenon of social reform, no firm hypothesis tested by empirical findings, and no continuous dialogue between practitioners and theorists. This book is the first comprehensive

and systematic treatment of the subject for professionals and students in the fields of public and private administration. It carefully examines the diverse interdisciplinary literature on the subject and identifies and develops the most promising approaches towards a unified theory. Caiden shows how the study of administrative reform can contribute substantially to the development of administrative theory, and constructs a working definition of the phenomenon of administrative reform, distinguishing it from social change and from administrative change. The practical use of this definition is tested by the analysis of various case histories of administrative cultures of different periods in history, from which a common cycle of reform processes is discerned. The author follows with a detailed examination of the processes themselves. The book concludes with a discussion of the obstacles to reform and a review of the author's findings and conclusions.

Lenition and Fortition

In the Book of Genesis, the first words God speaks to humanity are "Be fruitful and multiply." From ancient times to today, these words have been understood as a divine command to procreate. Fertility is viewed as a sign of blessedness and moral uprightness, while infertility is associated with sin and moral failing. *Reconceiving Infertility* explores traditional interpretations such as these, providing a more complete picture of how procreation and childlessness are depicted in the Bible. Closely examining texts and themes from both the Hebrew Bible and the

New Testament, Candida Moss and Joel Baden offer vital new perspectives on infertility and the social experiences of the infertile in the biblical tradition. They begin with perhaps the most famous stories of infertility in the Bible—those of the matriarchs Sarah, Rebekah, and Rachel—and show how the divine injunction in Genesis is both a blessing and a curse. Moss and Baden go on to discuss the metaphorical treatments of Israel as a "barren mother," the conception of Jesus, Paul's writings on family and reproduction, and more. They reveal how biblical views on procreation and infertility, and the ancient contexts from which they emerged, were more diverse than we think. *Reconceiving Infertility* demonstrates that the Bible speaks in many voices about infertility, and lays a biblical foundation for a more supportive religious environment for those suffering from infertility today.

International Directory of Company Histories

Soft Computing in Industrial Electronics

Boost the performance of your Haskell applications using optimization, concurrency, and parallel programming About This Book Explore the benefits of lazy evaluation, compiler features, and tools and libraries designed for high

performance Write fast programs at extremely high levels of abstraction Work through practical examples that will help you address the challenges of writing efficient code Who This Book Is For To get the most out of this book, you need to have a working knowledge of reading and writing basic Haskell. No knowledge of performance, optimization, or concurrency is required. What You Will Learn Program idiomatic Haskell that's also surprisingly efficient Improve performance of your code with data parallelism, inlining, and strictness annotations Profile your programs to identify space leaks and missed opportunities for optimization Find out how to choose the most efficient data and control structures Optimize the Glasgow Haskell Compiler and runtime system for specific programs See how to smoothly drop to lower abstractions wherever necessary Execute programming for the GPU with Accelerate Implement programming to easily scale to the cloud with Cloud Haskell In Detail Haskell, with its power to optimize the code and its high performance, is a natural candidate for high performance programming. It is especially well suited to stacking abstractions high with a relatively low performance cost. This book addresses the challenges of writing efficient code with lazy evaluation and techniques often used to optimize the performance of Haskell programs. We open with an in-depth look at the evaluation of Haskell expressions and discuss optimization and benchmarking. You will learn to use parallelism and we'll explore the concept of streaming. We'll demonstrate the benefits of running multithreaded and concurrent applications. Next we'll guide you through various profiling tools that will help you identify performance issues in your program. We'll

end our journey by looking at GPGPU, Cloud and Functional Reactive Programming in Haskell. At the very end there is a catalogue of robust library recommendations with code samples. By the end of the book, you will be able to boost the performance of any app and prepare it to stand up to real-world punishment. Style and approach This easy-to-follow guide teaches new practices and techniques to optimize your code, and then moves towards more advanced ways to effectively write efficient Haskell code. Small and simple practical examples will help you test the concepts yourself, and you will be able to easily adapt them for any application.

Semantic Role Labeling

The annual Evolutionary Biology Meetings in Marseilles serve to gather leading scientists, promote the exchange of ideas and encourage the formation of international collaborations. This book contains the most essential contributions presented at the 14th Evolutionary Biology Meeting, which took place in September 2010. It comprises 19 chapters organized according to the following categories: · Evolutionary Biology Concepts · Biodiversity and Evolution · Macroevolution · Genome Evolution Offering an up-to-date overview of recent results in the field of evolutionary biology, this book is an invaluable source of information for scientists, teachers and advanced students.

International Directory of Company Histories

This book addresses extensible and adaptable computing, a broad range of methods and techniques used to systematically tackle the future growth of systems and respond proactively and seamlessly to change. The book is divided into five main sections: Agile Software Development, Data Management, Web Intelligence, Machine Learning and Computing in Education. These sub-domains of computing work together in mutually complementary ways to build systems and applications that scale well, and which can successfully meet the demands of changing times and contexts. The topics under each track have been carefully selected to highlight certain qualitative aspects of applications and systems, such as scalability, flexibility, integration, efficiency and context awareness. The first section (Agile Software Development) includes six contributions that address related issues, including risk management, test case prioritization and tools, open source software reliability and predicting the change proneness of software. The second section (Data Management) includes discussions on myriad issues, such as extending database caches using solid-state devices, efficient data transmission, healthcare applications and data security. In turn, the third section (Machine Learning) gathers papers that investigate ML algorithms and present their specific applications such as portfolio optimization, disruption classification and outlier detection. The fourth section (Web Intelligence) covers emerging applications such as metaphor detection, language identification and sentiment analysis, and brings

to the fore web security issues such as fraud detection and trust/reputation systems. In closing, the fifth section (Computing in Education) focuses on various aspects of computer-aided pedagogical methods.

The Industrialisation of Soviet Russia 3: The Soviet Economy in Turmoil 1929-1930

This book is aimed at providing an overview of several aspects of semantic role labeling. Chapter 1 begins with linguistic background on the definition of semantic roles and the controversies surrounding them. Chapter 2 describes how the theories have led to structured lexicons such as FrameNet, VerbNet and the PropBank Frame Files that in turn provide the basis for large scale semantic annotation of corpora. This data has facilitated the development of automatic semantic role labeling systems based on supervised machine learning techniques. Chapter 3 presents the general principles of applying both supervised and unsupervised machine learning to this task, with a description of the standard stages and feature choices, as well as giving details of several specific systems. Recent advances include the use of joint inference to take advantage of context sensitivities, and attempts to improve performance by closer integration of the syntactic parsing task with semantic role labeling. Chapter 3 also discusses the impact the granularity of the semantic roles has on system performance. Having

outlined the basic approach with respect to English, Chapter 4 goes on to discuss applying the same techniques to other languages, using Chinese as the primary example. Although substantial training data is available for Chinese, this is not the case for many other languages, and techniques for projecting English role labels onto parallel corpora are also presented. Table of Contents: Preface / Semantic Roles / Available Lexical Resources / Machine Learning for Semantic Role Labeling / A Cross-Lingual Perspective / Summary

Administrative Reform

Industrial Enlightenment explores the transition through which England passed between 1760 and 1820 on the way to becoming the world's first industrialised nation. In drawing attention to the important role played by scientific knowledge, it focuses on a dimension of this transition which is often overlooked by historians. The book argues that in certain favoured regions, England underwent a process whereby useful knowledge was fused with technological 'know how' to produce the condition described here as Industrial Enlightenment. At the forefront of the process were the natural philosophers who entered into a close and productive relationship with technologists and entrepreneurs. Much of the evidence for this study is drawn from the extraordinary archival record of the activities of Matthew Boulton (1728-1809) and his Soho Manufactory. The book will appeal to those keen to explore the dynamics of change in eighteenth-century England, and to those

with a broad interest in the cultural history of science and technology.

E-Commerce and Intelligent Methods

There are books on tone, coronals, the internal structure of segments, vowel harmony, and a couple of other topics in phonology. This book aims to fill the gap for Lenition and Fortition, which is one of the first phenomena that was addressed by phonologists in the 19th century, and ever since contributed to phonological thinking. It is certainly one of the core phenomena that is found in the phonology of natural language: together with assimilations, the other important family of phenomena, Lenition and Fortition constitute the heart of what phonology can do to sound. The book aims to provide an overall treatment of the question in its many aspects: historical, typological, synchronic, diachronic, empirical and theoretical. Various current approaches to phonology are represented. The book is structured into three parts: 1) properties and behaviour of Lenition/Fortition, 2) lenition patterns in particular languages and language families, 3) how Lenition/Fortition work. Part 1 describes the properties of lenition and fortition: what counts as such? What kind of behaviour is observed? Which factors bear on it (positional, stress-related)? Which role has it played in phonology since (and even before) the 19th century? The everything-you-always-wanted-to-know-about-lenition-and-fortition philosophy that guides the conception of the book supposes a descriptive, generalisation-oriented style of writing that relies on a kind of

phonological lingua franca, rather than on theory-laden vocabulary. Also, no prior knowledge other than about general phonological categories should be required when reading through Part 1. The goal is to provide a broad picture of what lenition is, how it behaves, which factors it is conditioned by and what generalisations it obeys. This record may then be used as a yardstick for competing theories. Part 2 presents a number of case studies that show how Lenition/Fortition behave in a number of languages that include systems which are notoriously emblematic for Lenition/Fortition: Celtic, Western Romance, Germanic and Finnish. Finally, Part 3 is concerned with the analysis of the patterns that have been described in Parts 1 and 2. Given their analytic orientation, Part 3 chapters are theory-specific. They look at the same empirical record, or at a subset thereof, and try to explain what they see. Even though Part 3 chapters are couched in a specific theoretical environment that most of the time supposes prior conceptual knowledge, authors have been asked to assure theoretical interoperability as much as they could.

Inflation and String Theory

English Men of Science

Discover how to achieve release-quality mixes even in the smallest studios by

applying power-user techniques from the world's most successful producers. *Mixing Secrets For The Small Studio* is a down-to-earth primer for small-studio enthusiasts who want chart-ready sonics in a hurry. Drawing on the back-room strategies of more than 100 famous names, this entertaining guide leads you step-by-step through the entire mixing process. On the way, you'll unravel the mysteries of every type of mix processing, from simple EQ and compression through to advanced spectral dynamics and 'fairy dust' effects. User-friendly explanations introduce technical concepts on a strictly need-to-know basis, while chapter summaries and assignments are perfect for school and college use. * Learn the subtle editing, arrangement, and monitoring tactics which give industry insiders their competitive edge, and master the psychological tricks which protect you from all the biggest rookie mistakes. * Find out where you don't need to spend money, as well as how to make a limited budget really count. * Pick up tricks and tips from leading-edge engineers working on today's multi-platinum hits, including Michael Brauer, Serban Ghenea, the Lord-Alge brothers, Tony Maserati, Manny Marroquin, Dave 'Hard Drive' Pensado, Jack Joseph Puig, Mark 'Spike' Stent, Phil Tan, Andy Wallace, and many, many more. Mike Senior is a professional engineer who has worked with Wet Wet Wet, The Charlatans, Reef, Therapy, and Nigel Kennedy. He specialises in adapting the techniques of top producers for those working on a budget. Since 2007 he has transformed dozens of amateur productions for Sound On Sound magazine's popular 'Mix Rescue' column, proving time and again that you can achieve commercial-grade results with affordable gear

-- once you know how!

The Logic of Typed Feature Structures

This book offers the only synthesis of early-period Marianas archaeology, marking the first human settlement of Remote Oceania about 1500 B.C. In these remote islands of the northwest Pacific Ocean, archaeological discoveries now can define the oldest site contexts, dating, and artifacts of a Neolithic (late stone-age) people. This ancient settlement was accomplished by the world's longest open-ocean voyage in human history at its time, more than 2000 km from any contemporary populated area. This work brings the isolated Mariana Islands into the forefront of scientific research of how people first settled Remote Oceania, further important for understanding long-distance human migration in general. Given this significance, the early Marianas sites deserve close attention that has been awkwardly missing until now. The author draws on his years of intensive field research to define the earliest Marianas sites in scientific detail but accessible for broad readership. It covers three major topics: 1) situating the ancient sites in their original environmental contexts; 2) inventory of the early-period sites and their dating; and 3) the full range of pottery, stone tools, shell ornaments, and other artifacts. The work concludes with discussing the impacts of the findings on Asia-Pacific archaeology and on human global migration studies.

Digital Crime and Forensic Science in Cyberspace

Multi-volume major reference work bringing together histories of companies that are a leading influence in a particular industry or geographic location. For students, job candidates, business executives, historians and investors.

Pompeii: The Casa Dei Dioscuri and Its Painters

Reconceiving Infertility

Oracle Database 12c Release 1 is now supported on Linux on IBM® System z®. This platform offers many advantages to customers who rely upon the IBM mainframe systems to run their businesses. Linux on System z takes advantage of the qualities of service in the System z hardware and in IBM z/VM®, making it a robust industrial strength version of Linux. This provides an excellent platform for hosting Oracle solutions that run in an enterprise. This IBM Redbooks® publication shares experiences that are gained while installing and testing Oracle Database 12c Release 1: Recommendations about how to set up an infrastructure Installing an Oracle Grid Infrastructure Installing Oracle 12C R1 Real Application Clusters (RAC) and creating a RAC Database, including a multitenant database Using the

Cloud Control Agent to manage Oracle Database 12c Release 1 Installing Oracle WebLogic Server 12c Upgrading from an Oracle Database from 11gR2 to 12c Release 1 The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

Mathematics of Quantum Computing

International Directory of Company Histories

"Digital forensics is the science of collecting the evidence that can be used in a court of law to prosecute the individuals who engage in electronic crime"--Provided by publisher.

Haskell High Performance Programming

This book covers significant recent developments in the field of Intelligent Methods applied to eCommerce. The Intelligent Methods considered are mainly Soft Computing Methods that include fuzzy sets, rough sets, neural networks,

evolutionary computations, probabilistic and evidential reasoning, multivalued logic, and related fields. There is not doubt about the relevance of eCommerce in our daily environments and in the work carried out at many research centers throughout the world. The application of AI to Commerce is growing as fast as the computers and net works are being integrated in all business and commerce aspects. We felt that it was time to sit down and see how was the impact into that field of low-level AI, i.e. softcomputing. We found many scattered contributions disseminated in conferences, workshops, journal, books or even technical reports, but nothing like a common framework that could serve as a basis for further research, comparison or even prototyping for a direct transfer to the industry. We felt then the need to set up a reference point, a book like this. We planned this book as a recompilation of the newest developments of researchers who already made some contribution into the field. The authors were selected based on the originality and quality of their work and its relevance to the field. Authors came from prestigious universities and research centers with different backgrounds.

First Settlement of Remote Oceania

This volume has about 760 pages, split into 25 chapters, from 41 contributors. First part of this book presents advances of Dezert-Smarandache Theory (DSmT) which is becoming one of the most comprehensive and flexible fusion theory based on belief functions. It can work in all fusion spaces: power set, hyper-power set, and

super-power set, and has various fusion and conditioning rules that can be applied depending on each application. Some new generalized rules are introduced in this volume with codes for implementing some of them. For the qualitative fusion, the DS_m Field and Linear Algebra of Refined Labels (FLARL) is proposed which can convert any numerical fusion rule to a qualitative fusion rule. When one needs to work on a refined frame of discernment, the refinement is done using Smarandache's algebraic codification. New interpretations and implementations of the fusion rules based on sampling techniques and referee functions are proposed, including the probabilistic proportional conflict redistribution rule. A new probabilistic transformation of mass of belief is also presented which outperforms the classical pignistic transformation in term of probabilistic information content. The second part of the book presents applications of DS_mT in target tracking, in satellite image fusion, in snow-avalanche risk assessment, in multi-biometric match score fusion, in assessment of an attribute information retrieved based on the sensor data or human originated information, in sensor management, in automatic goal allocation for a planetary rover, in computer-aided medical diagnosis, in multiple camera fusion for tracking objects on ground plane, in object identification, in fusion of Electronic Support Measures allegiance report, in map regenerating forest stands, etc.

Human-Robot Interaction

Multi-volume major reference work bringing together histories of companies that are a leading influence in a particular industry or geographic location. For students, job candidates, business executives, historians and investors.

Social Perception and Social Reality

This scenario-focused title provides concise technical guidance and insights for troubleshooting and optimizing networking with Hyper-V. Written by experienced virtualization professionals, this little book packs a lot of value into a few pages, offering a lean read with lots of real-world insights and best practices for Hyper-V networking optimization in Windows Server 2012. Focused guide extends your knowledge and capabilities with Hyper-V networking in Windows Server 2012 Shares hands-on insights from a team of Microsoft virtualization experts Provides pragmatic troubleshooting and optimization guidance from the field

Advances and Applications of DSMT for Information Fusion, Vol. 3

This book develops the theory of typed feature structures and provides a logical foundation for logic programming and constraint-based reasoning systems.

Gesamtverzeichnis ausländischer Zeitschriften und Serien 1939-1958 (GAZS)

Industrial Enlightenment

Social Perception and Social Reality contests the received wisdom in the field of social psychology that suggests that social perception and judgment are generally flawed, biased, and powerfully self-fulfilling. Jussim reviews a wealth of real world, survey, and experimental data collected over the last century to show that in fact, social psychological research consistently demonstrates that biases and self-fulfilling prophecies are generally weak, fragile, and fleeting. Furthermore, research in the social sciences has shown stereotypes to be accurate. Jussim overturns the received wisdom concerning social perception in several ways. He critically reviews studies that are highly cited darlings of the bias conclusion and shows how these studies demonstrate far more accuracy than bias, or are not replicable in subsequent research. Studies of equal or higher quality, which have been replicated consistently, are shown to demonstrate high accuracy, low bias, or both. The book is peppered with discussions suggesting that theoretical and political blinders have led to an odd state of affairs in which the flawed or misinterpreted bias studies receive a great deal of attention, while stronger and

more replicable accuracy studies receive relatively little attention. In addition, the author presents both personal and real world examples (such as stock market prices, sporting events, and political elections) that routinely undermine heavy-handed emphases on error and bias, but are generally indicative of high levels of rationality and accuracy. He fully embraces scientific data, even when that data yields unpopular conclusions or contests prevailing conventions or the received wisdom in psychology, in other social sciences, and in broader society.

Mixing Secrets

Multi-volume major reference work bringing together histories of companies that are a leading influence in a particular industry or geographic location. For students, job candidates, business executives, historians and investors.

A New Critique of Theoretical Thought

Cloud computing continues to emerge as a subject of substantial industrial and academic interest. Although the meaning and scope of “cloud computing” continues to be debated, the current notion of clouds blurs the distinctions between grid services, web services, and data centers, among other areas. Clouds also bring considerations of lowering the cost for relatively bursty applications to

the fore. Cloud Computing: Principles, Systems and Applications is an essential reference/guide that provides thorough and timely examination of the services, interfaces and types of applications that can be executed on cloud-based systems. The book identifies and highlights state-of-the-art techniques and methods for designing cloud systems, presents mechanisms and schemes for linking clouds to economic activities, and offers balanced coverage of all related technologies that collectively contribute towards the realization of cloud computing. With an emphasis on the conceptual and systemic links between cloud computing and other distributed computing approaches, this text also addresses the practical importance of efficiency, scalability, robustness and security as the four cornerstones of quality of service. Topics and features: explores the relationship of cloud computing to other distributed computing paradigms, namely peer-to-peer, grids, high performance computing and web services; presents the principles, techniques, protocols and algorithms that can be adapted from other distributed computing paradigms to the development of successful clouds; includes a Foreword by Professor Mark Baker of the University of Reading, UK; examines current cloud-practical applications and highlights early deployment experiences; elaborates the economic schemes needed for clouds to become viable business models. This book will serve as a comprehensive reference for researchers and students engaged in cloud computing. Professional system architects, technical managers, and IT consultants will also find this unique text a practical guide to the application and delivery of commercial cloud services. Prof. Nick Antonopoulos is

Head of the School of Computing, University of Derby, UK. Dr. Lee Gillam is a Lecturer in the Department of Computing at the University of Surrey, UK.

Advances in Multilingual and Multimodal Information Retrieval

The annual Going Romance conference has developed into the major European discussion forum for theoretically relevant research on Romance languages where current ideas about language in general and about Romance languages in particular are tested. The twenty-third Going Romance conference was a very special one: for the first time it was not hosted by one of the Dutch universities, but was co-organized by the Radboud University Nijmegen and the Université de Nice-Sophia Antipolis and held in France at the Maison du Séminaire in Nice from 3–5 December 2009. The present volume contains a broad range of peer-reviewed articles dealing with syntax, phonology, morphology, semantics and acquisition of the Romance languages as well as selected papers from the special workshop dealing with linguistic change in relation to linguistic theory.

Evolutionary Biology - Concepts, Biodiversity, Macroevolution and Genome Evolution

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)