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Principles of Database Management Packt Publishing Ltd
This comprehensive and practical book covers law enforcement and the criminal justice system as a whole (including courts, corrections, and juvenile justice) in one easy-to-understand volume. You'll find a realistic and relevant boots on the street perspective, real world examples in every chapter, and up-to-date information on a wide range of today's hottest topics, the Towards Zero Death (TZD) traffic-safety initiative, rapid DNA profiling, CompStat Plus, warrantless searches of vehicles, hacktivism, iPads/tablets and geolocation pingingcommunication devices in the field. joint terrorism task forces (JTTFs), and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

10th European Conference on Principles and Practice of Knowledge Discovery in Databases, Berlin, Germany, September 18-22, 2006, Proceedings Springer
The calculus of IT support for the banking, securities and insurance industries has changed dramatically and rapidly over the past few years. Unheard of just a few years ago, corporate intranets are now used for everything from job postings to enhanced team communications. Whole new departments are being created to support e-commerce. And the Internet/Intranet/Extranet triple-whammy is the most critical component of most financial IT shops. At the same time, new intelligent agents stand ready to take on such diverse functions as customer profiling and data mining. Get a handle on all these new and newer ripples with Handbook of Technology in Financial Services. Here, in this exhaustive new guide and reference book, industry guru Jessica Keyes gives you the no-nonsense scoop on not just the tried and true IT tools of today, but also the up-and-coming "hot" technologies of tomorrow, and how to plan for them. Keyes gives you extensive, example-driven explanations of such topics as: digital check imaging and Internet-based billing e-commerce and Internet banking portfolio management systems for the 21st century GIS technology in financial services and much more. Focusing on problems from both a technology perspective and a business perspective, the Handbook also addresses challenges and solutions associated with: supporting the self-service revolution by servicing kiosks and ATMs efficiently and economically straight-through processing for the securities industry outsourcing business communications in the insurance industry distributed integration as a cost-effective alternative to data warehousing and putting inbound fax automation to work in financial organizations. Packed with real-world case-studies and practical solutions to problems confronting financial services IT managers every day of the week, Handbook of Technology in Financial Services covers everything from system security to IT support for the Web marketing of financial services. In short, it is a compendium of essential information no professional can afford to be without.

Advances in Information and Communication Elsevier
This book constitutes the refereed proceedings of the 10th European Conference on Principles and Practice of Knowledge Discovery in Databases, PKDD 2006. The book presents 36 revised full papers and 26 revised short papers together with abstracts of 5 invited talks, carefully reviewed and selected from 564 papers submitted. The papers offer a wealth of new results in knowledge discovery in databases and address all current issues in the area.
A Review of 20 Years of Semantic Web Research Macmillan
This book constitutes the refereed proceedings of the 22 International Conference on Database and Expert Systems Applications, DEXA 2011, held in Toulouse, France, August 29 - September 2, 2011. The 52 revised full papers and 40 short papers presented were carefully reviewed and selected from 207 submissions. The papers are organized in topical sections on query processing; database semantics; skyline queries; security and privacy; spatial and temporal data; semantic web search; storage and search; web search; data integration, transactions and optimization; and web applications.
Web Services Research for Emerging Applications: Discoveries and Trends Springer
This book constitutes the refereed proceedings of the International Standard Conference on Trustworthy Computing and Services, ISCTCS 2014, held in Beijing, China, in November 2014. The 51 revised full papers presented were carefully reviewed and selected from 279 submissions. The topics covered are architecture for trusted computing systems; trusted computing platform; trusted system building; network

and protocol security; mobile network security; network survivability; other critical theories and standard systems; credible assessment; credible measurement and metrics; trusted systems; trusted networks; trusted mobile networks; trusted routing; trusted software; trusted operating systems; trusted storage; fault-tolerant computing and other key technologies; trusted e-commerce and e-government; trusted logistics; trusted internet of things; trusted cloud and other trusted services and applications.
Technologies for E-Services Springer Science & Business Media
This book constitutes the refereed conference proceedings of the 23nd International Conference on Principles and Practice of Constraint Programming, CP 2017, held in Melbourne, Australia from August 28, 2017 until September 1, 2017. The conference is colocated with the 20th International Conference on Theory and Applications of Satisfiability Testing (SAT 2017) and the 33rd International Conference on Logic Programming, The 46 revised full papers presented were carefully reviewed and selected from 115 submissions. The scope of the contributions includes all aspects of computing with constraints, including theory, algorithms, environments, languages, models, systems, and applications such as decision making, resource al location, scheduling, configuration, and planning. The papers are grouped into the following tracks: technical track; application track; machine learning & CP track; operations research & CP track; satisfiability & CP track, test and verification & CP track; journal & sister conference track.
23rd International Conference, CP 2017, Melbourne, VIC, Australia, August 28 – September 1, 2017, Proceedings Springer Nature
"This book provides a comprehensive assessment of the latest developments in Web services research, focusing on composing and coordinating Web services, XML security, and service oriented architecture, and presenting new and emerging research in the Web services discipline"--Provided by publisher.
Data Warehouses and OLAP: Concepts, Architectures and Solutions Springer Science & Business Media
This book constitutes the refereed proceedings of the 8th Asia-Pacific Web Conference, APWeb 2006. More than 100 papers cover all current issues on WWW-related technologies and new advanced applications for researchers and practitioners from both academic and industry.
Data Management in Grid and Peer-to-Peer Systems Springer Nature
In the mid 1990s, Tim Berners-Lee had the idea of developing the World Wide Web into a „ Semantic Web", a web of information that could be interpreted by machines in order to allow the automatic exploitation of data, which until then had to be done by humans manually. One of the first people to research topics related to the Semantic Web was Professor Rudi Studer. From the beginning, Rudi drove projects like ONTOBROKER and On-to-Knowledge, which later resulted in W3C standards such as RDF and OWL. By the late 1990s, Rudi had established a research group at the University of Karlsruhe, which later became the nucleus and breeding ground for Semantic Web research, and many of today's well-known research groups were either founded by his disciples or benefited from close cooperation with this think tank. In this book, published in celebration of Rudi's 60th birthday, many of his colleagues look back on the main research results achieved during the last 20 years. Under the editorship of Dieter Fensel, once one of Rudi's early PhD students, an impressive list of contributors and contributions has been collected, covering areas like Knowledge Management, Ontology Engineering, Service Management, and Semantic Search. Overall, this book provides an excellent overview of the state of the art in Semantic Web research, by combining historical roots with the latest results, which may finally make the dream of a " Web of knowledge, software and services" come true.
22nd International Conference, DEXA 2011, Toulouse, France, August 29- September 2, 2011, Proceedings, Part I Springer
The European Conference on Machine Learning (ECML) and the European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD) were jointly organized this year for the ?fth time in a row, after some years of mutual independence before. After Freiburg (2001), Helsinki (2002), Cavtat (2003) and Pisa (2004), Porto received the 16th edition of ECML and the 9th PKDD in October 3- 7. Having the two conferences together seems to be working well: 585 di?erent paper submissions were received for both events, which maintains the high s- mission standard of last year. Of these, 335 were submitted to ECML only, 220 to PKDD only and 30 to both. Such a high volume of scienti?c work required a tremendous e?ort from Area Chairs, Program Committee members and some additional reviewers. On average, PC members had 10 papers to evaluate, and Area Chairs had 25 papers to decide upon. We managed to have 3 highly qua- ?edindependentreviewsperpaper(with veryfewexceptions)andoneadditional overall input from one of the Area Chairs. After the authors' responses and the online discussions for many of the papers, we arrived at the ?nal selection of 40 regular papers for ECML and 35 for PKDD. Besides these, 32 others were accepted as short papers for ECML and 35 for PKDD. This represents a joint acceptance rate of around 13% for regular papers and 25% overall. We thank all involved for all the e?ort with reviewing and selection of papers. Besidesthecoretechnicalprogram,E CMLandPKDDhad6invitedspeakers, 10 workshops, 8 tutorials and a

Knowledge Discovery Challenge.
8th International Conference, DEXA'97, Toulouse, France, September 1-5, 1997, Proceedings Springer
Step-by-step guidance to setting up and running effective institutional research data management services to support researchers and networks. The research landscape is changing, with key global research funders now requiring institutions to demonstrate how they will preserve and share research data. However, the practice of structured research data management is very new, and the construction of services remains experimental and in need of models and standards of approach. This groundbreaking guide will lead researchers, institutions and policy makers through the processes needed to set up and run effective institutional research data management services. This 'how to' guide provides a step-by-step explanation of the components for an institutional service. Case studies from the newly emerging service infrastructures in the UK, USA and Australia draw out the lessons learnt. Different approaches are highlighted and compared, for example, a researcher-focused strategy from Australia is contrasted with a national, top-down approach, and a national research data management service is discussed as an alternative to institutional services. Key topics covered: • Research data provision • Options and approaches to research data management service provision • A spectrum of roles, responsibilities and competences • A pathway to sustainable research data services: from scoping to sustainability • The range and components of RDM infrastructure and services Case studies: • Johns Hopkins University • University of Southampton • Monash University • The UK Data Service • Jisc Managing Research Data programmes. Readership: This book will be an invaluable guide to those entering a new and untried enterprise. It will be particularly relevant to heads of libraries, information technology managers, research support office staff and research directors planning for these types of services. It will also be of interest to researchers, funders and policy makers as a reference tool for understanding how shifts in policy will have a range of ramifications within institutions. Library and information science students will find it an informative window on an emerging area of practice.
17th International Conference, ESWC 2020, Heraklion, Crete, Greece, May 31– June 4, 2020, Proceedings Emerald Group Publishing
The dual goal of the "Handbook in Information Systems" is to provide a reference for the diversity of research in the field by scholars from many disciplines, as well as to stimulate new research. This volume, focusing on Information Assurance, Security and Privacy Services, consists of six sections. In the first part contributors discuss Program Security, Data Security and Authentication, while the second section covers Internet Scourges and Web Security. Parts two and three concentrate on Usable Security and Human-Centric Aspects, along with Security, Privacy and Access Control whereas the final sections of the book examine Economic Aspects of Security, and Threat Modeling, Intrusion and Response.
The Semantic Web Cambridge University Press
The book deals with the most recent technology of distributed computing. As Internet continues to grow and provide practical connectivity between users of computers it has become possible to consider use of computing resources which are far apart and connected by Wide Area Networks. Instead of using only local computing power it has become practical to access computing resources widely distributed. In some cases between different countries in other cases between different continents. This idea of using computer power is similar to the well known electric power utility technology. Hence the name of this distributed computing technology is the Grid Computing. Initially grid computing was used by technologically advanced scientific users. They used grid computing to experiment with large scale problems which required high performance computing facilities and collaborative work. In the next stage of development the grid computing technology has become effective and economically attractive for large and medium size commercial companies. It is expected that eventually the grid computing style of providing computing power will become universal reaching every user in industry and business. * Written by academic and industrial experts who have developed or used grid computing * Many proposed solutions have been tested in real life applications * Covers most essential and technically relevant issues in grid computing
Solutions Architect's Handbook Cengage Learning
This book constitutes the refereed proceedings of the 5th European Conference on Principles of Data Mining and Knowledge Discovery, PKDD 2001, held in Freiburg, Germany, in September 2001. The 40 revised full papers presented together with four invited contributions were carefully reviewed and selected from close to 100 submissions. Among the topics addressed are hidden Markov models, text summarization, supervised learning, unsupervised learning, demographic data analysis, phenotype data mining, spatio-temporal clustering, Web-usage analysis, association rules, clustering algorithms, time series analysis, rule discovery, text categorization, self-organizing maps, filtering, reinforcement learning, support vector machines, visual data mining, and machine learning.
New Frontiers in Information and Software as Services CRC Press
Principles of Database ManagementThe Practical Guide to Storing, Managing and Analyzing Big and Small DataCambridge University Press

Proceedings of the 2021 Future of Information and Communication Conference (FICC), Volume 2 Springer Science & Business Media This third edition of a classic textbook can be used to teach at the senior undergraduate and graduate levels. The material concentrates on fundamental theories as well as techniques and algorithms. The advent of the Internet and the World Wide Web, and, more recently, the emergence of cloud computing and streaming data applications, has forced a renewal of interest in distributed and parallel data management, while, at the same time, requiring a rethinking of some of the traditional techniques. This book covers the breadth and depth of this re-emerging field. The coverage consists of two parts. The first part discusses the fundamental principles of distributed data management and includes distribution design, data integration, distributed query processing and optimization, distributed transaction management, and replication. The second part focuses on more advanced topics and includes discussion of parallel database systems, distributed object management, peer-to-peer data management, web data management, data stream systems, and cloud computing. New in this Edition: • New chapters, covering database replication, database integration, multidatabase query processing, peer-to-peer data management, and web data management. • Coverage of emerging topics such as data streams and cloud computing • Extensive revisions and updates based on years of class testing and feedback Ancillary teaching materials are available.

Introduction to Genetic Analysis Solutions MegaManual Facet Publishing This book constitutes the refereed proceedings of the Second International Workshop on Technologies for E-Services, TES 2001, held in Rome, Italy, in September 2001. The 15 revised full papers presented were carefully reviewed and selected for inclusion in the book. Among the topics addressed are b2b protocols, inter-enterprise process execution, business logic, cooperative multiplatform environments, session-oriented telecommunication services, cross-organizational workflow environments, Internet-based workflow, composite e-services, transactional business processes, e-service security, distributed e-services, mobile commerce, e-commerce, pervasive services infrastructure, and mobile Internet agents.

Machine Learning and Principles and Practice of Knowledge Discovery in Databases Springer The solutions mega manual contains complete worked-out solutions to all the problems in the textbook. Used in conjunction with the main text, this manual is one of the best ways to develop a fuller appreciation of genetic principles.

Grid Computing: The New Frontier of High Performance Computing Springer Nature Manufacturing Databases and Computer Integrated Systems is the first book to probe the problems and solutions presented by the diversity of databases within the manufacturing industry. The author examines these heterogeneous databases at both the macro (national/international) level and micro (intracompany and intercompany) level. This book is the result of an extensive international research project that involved 87 leading organizations. Manufacturing Databases and Computer Integrated Systems presents the compelling argument for using computers as database integrators, a concept beyond the obvious applications of number crunching and data storage. The book addresses several different areas of manufacturing technology, including product policies in manufacturing, fuzzy controls in plant operations, concurrent engineering, practical applications for expert systems, organizational prerequisites in manufacturing, heterogenous database environments, the benefits of object-oriented databases, and the requirements for virtual database integration. Manufacturing Databases and Computer Integrated Systems also presents case studies, including the TRW solution applied in Operation Desert Storm, Project CRONUS by BBN, the Intelligent Database Assistant (IDA) by GTE, General Motor's DATAPLEX solution, and Project Carnot by the Microelectronics and Computer Development Corporation (MCC). The book is a "must" for computer and database technologists, engineers, and senior management at most companies worldwide.

National Library of Medicine Programs and Services Springer Delivering the latest research and most current coverage available, PRINCIPLES OF INFORMATION SYSTEMS, 12E equips students with a solid understanding of the core principles of IS and how it is practiced. Covering the latest developments from the field and their impact on the rapidly changing role of today's IS professional, the twelfth edition includes expanded coverage of mobile solutions, an increased focus on energy and environmental concerns, new discussions on the growing use of cloud computing across the globe, a stronger career emphasis, and a fully updated running case. Learning firsthand how information systems can increase profits and reduce costs, students explore new information on e-commerce and enterprise systems, artificial intelligence, virtual reality, green computing, and other issues reshaping the industry. The text introduces the challenges and risks of computer crimes, hacking, and cyberterrorism. It also presents some of the most current research on virtual communities and global IS work solutions as well as social networking. A long-running example illustrates how technology was used in the design, development, and production of this text. No matter where students' career paths may lead, PRINCIPLES OF INFORMATION SYSTEMS, 12E can help them maximize their success as employees, decision makers, and business leaders. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.