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Introduction to Business - Lawrence J. Gitman 2018

Introduction to Business covers the scope and sequence of most introductory business courses. The book provides detailed explanations in the context of core themes such as customer satisfaction, ethics, entrepreneurship, global business, and managing change. Introduction to Business includes hundreds of current business examples from a range of industries and geographic locations, which feature a variety of individuals. The outcome is a balanced approach to the theory and application of business concepts, with attention to the knowledge and skills necessary for student success in this course and beyond.

Introduction to Geographic Information Systems - Kang-Tsung Chang 2002

Information Systems in Organizations - Patricia Wallace 2013

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title,

including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- A fresh, contemporary, active introduction to information systems Introduction to Information Systems provides invaluable help for learning the knowledge and skills related to information systems. In it, students see clearly what information systems are all about and why they are so fundamental to business and society. MyMISLab for Introduction to

Information Systems creates learning experiences that are truly personalized and continuously adaptive. MyMISLab reacts to how students are actually performing, offering data-driven guidance that helps them better absorb course material and understand difficult concepts—resulting in better performance in the course & Packed with revelations about business strategies, technology trends and innovations—plus tips to help students work smarter, and more efficiently— Introduction to Information Systems provides a better teaching and learning experience—for you and your students. Here’s how: Personalize learning through the interactive, online role-playing simulations in MyMISLab™: Students get opportunities to apply their knowledge and actually experience what each chapter is about, rather than simply memorizing key terms and concepts. A focus on reaching all students, recognizing changing student roles, and showing clearly where the knowledge of information systems skills can take them. Helping students see beyond today’s classrooms and into today’s varied world. End-of-book comprehensive case studies show students the concepts in action. This package contains: 0133571750 / 9780133571752 Introduction to Information Systems, 2e 0133753506 / 9780133753509 NEW MyMISLab with Pearson eText - Access Card - for Introduction to Information Systems, 2e Introduction to Computer Systems for Health Information Technology - Nanette B. Sayles 2010-01-01

End-User Computing: Concepts, Methodologies, Tools, and Applications - Clarke, Steve 2008-02-28
Covers the important concepts, methodologies, technologies, applications, social issues, and emerging trends in this field. Provides researchers, managers, and other professionals with the knowledge and tools they need to properly understand the role of end-user computing in the modern organization.

Web Information Systems - David Taniar 2004-01-01

The era of web technology has enabled information and application sharing through the Internet. The large amount of information on the

Internet, the large number of users, and the complexity of the application and information types have introduced new areas whereby these issues are explored and addressed.

User Modeling, Adaption, and Personalization - Sandra Carberry
2013-06-05

This book constitutes the thoroughly refereed proceedings of the 21st International Conference on User Modeling, Adaption, and Personalization, held in Rome, Italy, in June 2013. The 21 long and 7 short papers of the research paper track were carefully reviewed and selected from numerous submissions. The papers cover the following topics: recommender systems, student modeling, social media and teams, human cognition, personality, privacy, web curation and user profiles, travel and mobile applications, and systems for elderly and disabled individuals.

Artificial Intelligence Applications and Innovations. AIAI 2020 IFIP WG 12.5 International Workshops - Ilias Maglogiannis 2020-05-29

This book constitutes the refereed proceedings of two International Workshops held as parallel events of the 16th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2020, in Neos Marmaras, Greece, in June 2020: the 9th Mining Humanistic Data Workshop, MHDW 2020, and the 5th Workshop on 5G-Putting Intelligence to the Network Edge, 5G-PINE 2020.* The 6 full papers and 3 short papers presented at MHDW 2020 were carefully reviewed and selected from 16 submissions; out of the 23 papers submitted to 5G-PINE 2020, 11 were accepted as full papers and 1 as a short paper. The MHDW papers focus on topics such as recommendation systems, sentiment analysis, pattern recognition, data mining, and time series. The papers presented at 5G-PINE focus on the latest AI applications in the telecommunication industry and deal with topics such as the Internet of Things, intelligence fusion in 5G networks, and 5G media. *The workshops were held virtually due to the COVID-19 pandemic.

Introduction to Information Systems + Wileyplus Access Card - R. Kelly Rainer 2017

Information Systems Architecture and Technology: Proceedings of 39th International Conference on Information Systems

Architecture and Technology - ISAT 2018 - Leszek Borzemski
2018-08-28

This three-volume set of books highlights major advances in the development of concepts and techniques in the area of new technologies and architectures of contemporary information systems. Further, it helps readers solve specific research and analytical problems and glean useful knowledge and business value from the data. Each chapter provides an analysis of a specific technical problem, followed by a numerical analysis, simulation and implementation of the solution to the real-life problem. Managing an organisation, especially in today's rapidly changing circumstances, is a very complex process. Increased competition in the marketplace, especially as a result of the massive and successful entry of foreign businesses into domestic markets, changes in consumer behaviour, and broader access to new technologies and information, calls for organisational restructuring and the introduction and modification of management methods using the latest advances in science. This situation has prompted many decision-making bodies to introduce computer modelling of organisation management systems. The three books present the peer-reviewed proceedings of the 39th International Conference "Information Systems Architecture and Technology" (ISAT), held on September 16–18, 2018 in Nysa, Poland. The conference was organised by the Computer Science and Management Systems Departments, Faculty of Computer Science and Management, Wrocław University of Technology and Sciences and University of Applied Sciences in Nysa, Poland. The papers have been grouped into three major parts: Part I—discusses topics including but not limited to Artificial Intelligence Methods, Knowledge Discovery and Data Mining, Big Data, Knowledge Based Management, Internet of Things, Cloud Computing and High Performance Computing, Distributed Computer Systems, Content Delivery Networks, and Service Oriented Computing. Part II—addresses topics including but not limited to System Modelling for Control, Recognition and Decision Support, Mathematical Modelling in Computer

System Design, Service Oriented Systems and Cloud Computing, and Complex Process Modelling. Part III—focuses on topics including but not limited to Knowledge Based Management, Modelling of Financial and Investment Decisions, Modelling of Managerial Decisions, Production Systems Management and Maintenance, Risk Management, Small Business Management, and Theories and Models of Innovation.

Introduction to Information Retrieval - Christopher D. Manning
2008-07-07

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

Introduction to Information Systems - R. Kelly Rainer 2008-01-09
WHATS IN IT FOR ME? Information technology lives all around us-in how we communicate, how we do business, how we shop, and how we learn. Smart phones, iPods, PDAs, and wireless devices dominate our lives, and yet it's all too easy for students to take information technology for granted. Rainer and Turban's Introduction to Information Systems, 2nd edition helps make Information Technology come alive in the classroom. This text takes students where IT lives-in today's businesses and in our daily lives while helping students understand how valuable information technology is to their future careers. The new edition provides concise and accessible coverage of core IT topics while

connecting these topics to Accounting, Finance, Marketing, Management, Human resources, and Operations, so students can discover how critical IT is to each functional area and every business. Also available with this edition is WileyPLUS - a powerful online tool that provides instructors and students with an integrated suite of teaching and learning resources in one easy-to-use website. The WileyPLUS course for Introduction to Information Systems, 2nd edition includes animated tutorials in Microsoft Office 2007, with iPod content and podcasts of chapter summaries provided by author Kelly Rainer.

Recent Advances in Visual Information Systems - SShi-Kuo Chang
2002-02-27

Visual information systems are information systems for visual computing. Visual computing is computing on visual objects. Some visual objects such as images are inherently visual in the sense that their primary representation is the visual representation. Some visual objects such as data structures are derivatively visual in the sense that their primary representation is not the visual representation, but can be transformed into a visual representation. Images and data structures are the two extremes. Other visual objects such as maps may fall somewhere in between the two. Visual computing often involves the transformation from one type of visual objects into another type of visual objects, or into the same type of visual objects, to accomplish certain objectives such as information reduction, object recognition, and so on. In visual information systems design it is also important to ask the following question: who performs the visual computing? The answer to this question determines the approach to visual computing. For instance it is possible that primarily the computer performs the visual computing and the human merely observes the results. It is also possible that primarily the human performs the visual computing and the computer plays a supporting role. Often the human and the computer are both involved as equal partners in visual computing and there are visual interactions. Formal or informal visual languages are usually needed to facilitate such visual interactions.

Handbook of Data Quality - Shazia Sadiq 2013-08-13

The issue of data quality is as old as data itself. However, the proliferation of diverse, large-scale and often publically available data on the Web has increased the risk of poor data quality and misleading data interpretations. On the other hand, data is now exposed at a much more strategic level e.g. through business intelligence systems, increasing manifold the stakes involved for individuals, corporations as well as government agencies. There, the lack of knowledge about data accuracy, currency or completeness can have erroneous and even catastrophic results. With these changes, traditional approaches to data management in general, and data quality control specifically, are challenged. There is an evident need to incorporate data quality considerations into the whole data cycle, encompassing managerial/governance as well as technical aspects. Data quality experts from research and industry agree that a unified framework for data quality management should bring together organizational, architectural and computational approaches. Accordingly, Sadiq structured this handbook in four parts: Part I is on organizational solutions, i.e. the development of data quality objectives for the organization, and the development of strategies to establish roles, processes, policies, and standards required to manage and ensure data quality. Part II, on architectural solutions, covers the technology landscape required to deploy developed data quality management processes, standards and policies. Part III, on computational solutions, presents effective and efficient tools and techniques related to record linkage, lineage and provenance, data uncertainty, and advanced integrity constraints. Finally, Part IV is devoted to case studies of successful data quality initiatives that highlight the various aspects of data quality in action. The individual chapters present both an overview of the respective topic in terms of historical research and/or practice and state of the art, as well as specific techniques, methodologies and frameworks developed by the individual contributors. Researchers and students of computer science, information systems, or business management as well as data professionals and practitioners will benefit most from this handbook by not only focusing on the various sections relevant to their research area or particular practical work, but by also

studying chapters that they may initially consider not to be directly relevant to them, as there they will learn about new perspectives and approaches.

Enterprise, Business-Process and Information Systems Modeling - Terry Halpin 2011-06-17

This book contains the refereed proceedings of the 12th International Conference on Business Process Modeling, Development and Support (BPMDS 2011) and the 16th International Conference on Exploring Modeling Methods for Systems Analysis and Design (EMMSAD 2011), held together with the 23rd International Conference on Advanced Information Systems Engineering (CAiSE 2011) in London, UK, in June 2011. The 22 papers accepted for BPMDS were selected from 61 submissions and cover a wide spectrum of issues related to business processes development, modeling, and support. They are grouped into sections on BPMDS in practice, business process improvement, business process flexibility, declarative process models, variety of modeling paradigms, business process modeling and support systems development, and interoperability and mobility. The 16 papers accepted for EMMSAD were chosen from 31 submissions and focus on exploring, evaluating, and enhancing current information modeling methods and methodologies. They are grouped in sections on workflow and process modeling extensions, requirements analysis and information systems development, requirements evolution and information systems evolution, data modeling languages and business rules, conceptual modeling practice, and enterprise architecture.

Global Implications of Modern Enterprise Information Systems: Technologies and Applications - Gunasekaran, Angappa 2008-12-31
"This book presents useful strategies, techniques, and tools for the successful design, development, and implementation of enterprise information systems"--Provided by publisher.

Information Technology Essentials Volume 1 - Eric Frick 2020-08-10

Introduction to information to information technology concepts.

Principles of Information Systems - Ralph Stair 2016-12-05

Readers develop an understanding of the core principles of IS and how it

is practiced today with PRINCIPLES OF INFORMATION SYSTEMS, 13th edition. This edition combines the latest research with the most current coverage available as content highlights IS-related careers. Readers explore the challenges and risks of computer crimes, hacking, and cyberterrorism as well as the most current research on big data, analytics, and global IS and social networking. In addition, readers examine business intelligence; cloud computing; e-commerce; enterprise systems; ethical, legal, and social issues of information systems; mobile computing; project management; strategic planning; and systems acquisition. Readers learn how information systems can increase profits and reduce costs as they explore new information on artificial intelligence, change management, data governance, energy and environmental concerns, Internet of Everything, Internet censorship and net neutrality, virtual teams, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Introduction to Information Systems for Health Information Technology, Fourth Edition - Nanette Sayles 2020-10-05

Advanced Information Systems Engineering - Anne Persson 2004-08-18

th CAiSE 2004 was the 16 in the series of International Conferences on Advanced Information Systems Engineering. In the year 2004 the conference was hosted by the Faculty of Computer Science and Information Technology, Riga Technical University, Latvia. Since the late 1980s, the CAiSE conferences have provided a forum for the presentation and exchange of research results and practical experiences within the field of Information Systems Engineering. The conference theme of CAiSE 2004 was Knowledge and Model Driven Information Systems Engineering for Networked Organizations. Modern businesses and IT systems are facing an ever more complex environment characterized by openness, variety, and change. Organizations are becoming less self-sufficient and increasingly dependent on business partners and other actors. These trends call for openness of business as

well as IT systems, i.e. the ability to connect and interoperate with other systems. Furthermore, organizations are experiencing ever more variety in their business, in all conceivable dimensions. The different competencies required by the workforce are multiplying. In the same way, the variety in technology is overwhelming with a multitude of languages, platforms, devices, standards, and products. Moreover, organizations need to manage an environment that is constantly changing and where lead times, product life cycles, and partner relationships are shortening.

The demand of having to constantly adapt IT to changing technologies and business practices has resulted in the birth of new ideas which may have a profound impact on the information systems engineering practices in future years, such as autonomic computing, component and services marketplaces and dynamically generated software.

Web Information Systems Engineering -- WISE 2014 - Boualem Benatallah 2014-09-11

This book constitutes the proceedings of the 15th International Conference on Web Information Systems Engineering, WISE 2014, held in Thessaloniki, Greece, in October 2014. The 52 full papers, 16 short and 14 poster papers, presented in the two-volume proceedings LNCS 8786 and 8787 were carefully reviewed and selected from 196 submissions. They are organized in topical sections named: Web mining, modeling and classification; Web querying and searching; Web recommendation and personalization; semantic Web; social online networks; software architectures and platforms; Web technologies and frameworks; Web innovation and applications; and challenge.

Semantic Technology - Thepchai Supnithi 2015-02-20

This book constitutes the proceedings of the 4th Joint International Semantic Technology Conference, JIST 2014, held in Chiang Mai, Thailand, in November 2014. The theme of the JIST 2014 conference was "Open Data and Semantic Technology". JIST 2014 conference consisted of main technical tracks including regular paper track (full and short papers), in-use track and special track, poster and demo session, two workshops and four tutorials. The 32 papers in this volume were

carefully reviewed and selected from 71 submissions. The paper topics are divided into eight categories: ontology and reasoning, linked data, learning and discovery, rdf and sparql, ontological engineering, semantic social Web, search and querying and applications of semantic technology.

Enterprise Information Systems - José Cordeiro 2015-07-30

This book contains extended and revised papers from the 16th International Conference on Enterprise Information Systems, ICEIS 2014, held in Lisbon, Portugal, in April 2014. The 24 papers presented in this volume were carefully reviewed and selected from a total of 313 submissions. The book also contains two full-paper invited talks. The selected papers reflect state-of-the-art research that is oriented toward real-world applications and highlight the benefits of information systems and technology for industry and services. They are organized in topical sections on databases and information systems integration, artificial intelligence and decision support systems, information systems analysis and specification, software agents and Internet computing, human-computer interaction, and enterprise architecture.

Human Resource Management - Gary Dessler 2000

Human Resource Management provides readers with a complete, comprehensive review of essential personnel management concepts and techniques in a highly readable and understandable form. Coverage emphasizes essential themes throughout the book, including the building of better, faster, more competitive organizations through HRM; practical applications that help all managers deal with their personnel-related responsibilities; and technology and HR. Specific topics include the strategic role of human resource management; equal opportunity and the law; job analysis; personnel planning and recruiting; employee testing and selection; interviewing candidates; training and developing employees; managing organizational renewal; appraising performance; managing careers and fair treatment; establishing pay plans; pay-for-performance and financial incentives; benefits and services; labor relations and collective bargaining; employee safety and health; managing human resources in an international business; human

resources information systems and technology. For practicing Human Resource Managers as well as any business managers who deal with human resource/personnel issues.

Natural Language Processing and Information Systems - Elisabeth Métais 2013-06-06

This book constitutes the refereed proceedings of the 18th International Conference on Applications of Natural Language to Information Systems, held in Salford, UK, in June 2013. The 21 long papers, 15 short papers and 17 poster papers presented in this volume were carefully reviewed and selected from 80 submissions. The papers cover the following topics: requirements engineering, question answering systems, named entity recognition, sentiment analysis and mining, forensic computing, semantic web, and information search.

Web Information Systems and Technologies - Karl-Heinz Krempels 2014-07-24

This book contains the thoroughly refereed and revised best papers from the 9th International Conference on Web Information Systems and Technologies, WEBIST 2013, held in Aachen, Germany, in May 2013, organized by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), and co-organized by the RWTH Aachen University. The 15 papers presented in this book were carefully reviewed and selected from 143 submissions. The papers were selected from those with the best reviews also taking into account the quality of their presentation at the conference. The papers are grouped into parts on Internet technology, Web interfaces and applications, society, e-business and e-government, Web intelligence, and mobile information systems.

Issues & Trends of Information Technology Management in Contemporary Organizations - Information Resources Management Association. International Conference 2002-01-01

As the field of information technology continues to grow and expand, it impacts more and more organizations worldwide. The leaders within these organizations are challenged on a continuous basis to develop and implement programs that successfully apply information technology

applications. This is a collection of unique perspectives on the issues surrounding IT in organizations and the ways in which these issues are addressed. This valuable book is a compilation of the latest research in the area of IT utilization and management.

Information Systems Design and Intelligent Applications - Vikrant Bhateja 2018-03-01

The book is a collection of high-quality peer-reviewed research papers presented at International Conference on Information System Design and Intelligent Applications (INDIA 2017) held at Duy Tan University, Da Nang, Vietnam during 15-17 June 2017. The book covers a wide range of topics of computer science and information technology discipline ranging from image processing, database application, data mining, grid and cloud computing, bioinformatics and many others. The various intelligent tools like swarm intelligence, artificial intelligence, evolutionary algorithms, bio-inspired algorithms have been well applied in different domains for solving various challenging problems.

Enterprise Information Systems - Slimane Hammoudi 2016-02-02

This book contains revised papers from the 17th International Conference on Enterprise Information Systems, ICEIS 2015, held in Barcelona, Spain, in April 2015. The 31 papers presented in this volume were carefully reviewed and selected from a total of 327 submissions. The book also contains one full-paper invited talk. The selected papers reflect state-of-the-art research that is oriented toward real-world applications and highlight the benefits of information systems and technology for industry and services. They are organized in topical sections on databases and information systems integration, artificial intelligence and decision support systems, information systems analysis and specification, software agents and Internet computing, human-computer interaction, and enterprise architecture.

Global Trends in Information Systems and Software Applications - P. Venkata Krishna 2012-08-01

This 2-Volume-Set, CCIS 0269-CCIS 0270, constitutes the refereed proceedings of the International Conference on Global Trends in Computing and Communication (CCIS 0269) and the International

Conference on Global Trends in Information Systems and Software Applications (CCIS 0270), ObCom 2011, held in Vellore, India, in December 2011. The 173 full papers presented together with a keynote paper and invited papers were carefully reviewed and selected from 842 submissions. The conference addresses issues associated with computing, communication and information. Its aim is to increase exponentially the participants' awareness of the current and future direction in the domains and to create a platform between researchers, leading industry developers and end users to interrelate.

Web Information Systems Engineering - WISE 2015 - Jianyong Wang 2015-10-26

This two volume set LNCS 9418 and LNCS 9419 constitutes the proceedings of the 16th International Conference on Web Information Systems Engineering, WISE 2015, held in Miami, FL, USA, in November 2015. The 53 full papers, 17 short and 14 special sessions and invited papers, presented in these proceedings were carefully reviewed and selected from 189 submissions. The papers cover the areas of big data techniques and applications, deep/hidden Web, integration of Web and internet, linked open data, semantic Web, social network computing, social Web and applications, social Web models, analysis and mining, Web-based applications, Web-based business processes and Web services, Web data integration and mashups, Web data models, Web information retrieval, Web privacy and security, Web-based recommendations, and Web search.

Natural Language Processing and Information Systems - Rafael Munoz 2011-06-22

This book constitutes the refereed proceedings of the 16th International Conference on Applications of Natural Language to Information Systems, held in Alicante, Spain, in June 2011. The 11 revised full papers and 11 revised short papers presented together with 23 poster papers, 1 invited talk and 6 papers of the NLDB 2011 doctoral symposium were carefully reviewed and selected from 74 submissions. The papers address all aspects of Natural Language Processing related areas and present current research on topics such as natural language in conceptual

modeling, NL interfaces for data base querying/retrieval, NL-based integration of systems, large-scale online linguistic resources, applications of computational linguistics in information systems, management of textual databases NL on data warehouses and data mining, NLP applications, as well as NL and ubiquitous computing.

Design, Performance, and Analysis of Innovative Information Retrieval - Lu, Zhongyu (Joan) 2012-08-31

Daily procedures such as scientific experiments and business processes have the potential to create a huge amount of data every day, hour, or even second, and this may lead to a major problem for the future of efficient data search and retrieval as well as secure data storage for the world's scientists, engineers, doctors, librarians, and business managers. Design, Performance, and Analysis of Innovative Information Retrieval examines a number of emerging technologies that significantly contribute to modern Information Retrieval (IR), as well as fundamental IR theories and concepts that have been adopted into new tools or systems. This reference is essential to researchers, educators, professionals, and students interested in the future of IR.

An Introduction to Book History - David Finkelstein 2006-03-13

This is a comprehensive introduction to books and print culture which examines the move from the spoken word to written texts, the book as commodity, the power and profile of readers, and the future of the book in an electronic age.

Visualization in Modern Cartography - A.M. MacEachren 2013-10-22

Visualization in Modern Cartography explores links between the centuries-old discipline of cartography and today's revolutionary developments in scientific visualization. The book has three main goals: (1) to pass on design and symbolization expertise to the scientific visualization community - information that comes from centuries of pre-computer visualization by cartographers, and their more recent experiences with computerizing the discipline; (2) to help cartographers cope with the dramatic shift from print cartography to a dynamic virtual cartography for which their role is changing from that of map designer to one of spatial information display (and/or interface) designer; (3) to

illustrate the expanded role for cartography in geographic, environmental, planning, and earth science applications that comes with the development of interactive geographic visualization tools. To achieve these goals, the book is divided into three parts. The first sets the historical, cognitive, and technological context for geographic/cartographic visualization tool development. The second covers key technological, symbolization, and user interface issues. The third provides a detailed look at selected prototype geographic/cartographic visualization tools and their applications.

Data Modeling Theory and Practice - Graeme Simsion 2007-03-01

Data Modeling Theory and Practice is for practitioners and academics who have learned the conventions and rules of data modeling and are looking for a deeper understanding of the discipline. The coverage of theory includes a detailed review of the extensive literature on data modeling and logical database design, referencing nearly 500 publications, with a strong focus on their relevance to practice. The practice component incorporates the largest-ever study of data modeling practitioners, involving over 450 participants in interviews, surveys and data modeling tasks. The results challenge many long-held assumptions about data modeling and will be of interest to academics and practitioners alike. Graeme Simsion brings to the book the practical perspective and intellectual clarity that have made his *Data Modeling Essentials* a classic in the field. He begins with a question about the nature of data modeling (design or description), and uses it to illuminate such issues as the definition of data modeling, its philosophical underpinnings, inputs and deliverables, the necessary behaviors and skills, the role of creativity, product diversity, quality measures, personal styles, and the differences between experts and novices. *Data Modeling Theory and Practice* is essential reading for anyone involved in data modeling practice, research, or teaching.

ICICKM 2019 16th International Conference on Intellectual Capital Knowledge Management & Organisational Learning - John Dumay 2019-12-05

Formal Ontology in Information Systems - S. Borgo 2018-09-28
FOIS is the flagship conference of the International Association for Ontology and its Applications (IAOA). Its interdisciplinary research focus lies at the intersection of philosophical ontology, linguistics, logic, cognitive science, and computer science, as well as in the applications of ontological analysis to conceptual modeling, knowledge engineering, knowledge management, information-systems development, library and information science, scientific research, and semantic technologies in general. This volume presents the proceedings of FOIS 2018, held in Cape Town, South Africa, from 19-21 September. It was the 10th edition and 20th anniversary of the conference series. The volume contains 19 papers grouped into 4 sections: Foundations (7 papers), Agents and Properties (4 papers), Methods and Tools (4 papers), and Applications (4 papers). Regarding the applications of ontologies, a broad spectrum of areas is covered, including in particular biology and medicine, IoT, engineering and linguistics. *Formal Ontology in Information Systems - Proceedings of the 10th International Conference (FOIS 2018)* will be of interest to researchers from all disciplines with an interest in formal ontology.

Introduction to Information Systems - Loose Leaf - James O'Brien 2012-01-19

The benchmark text for the syllabus organized by technology (a week on databases, a week on networks, a week on systems development, etc.) taught from a managerial perspective. O'Brien defines technology and then explains how companies use the technology to improve performance. Real world cases finalize the explanation.

Information Technology - New Generations - Shahram Latifi 2018-04-12

This volume presents a collection of peer-reviewed, scientific articles from the 15th International Conference on Information Technology - New Generations, held at Las Vegas. The collection addresses critical areas of Machine Learning, Networking and Wireless Communications, Cybersecurity, Data Mining, Software Engineering, High Performance Computing Architectures, Computer Vision, Health, Bioinformatics, and

Education.