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A Semantic Wiki-based Platform for IT Service Management KIT Scientific Publishing Online and Distance Learning: Concepts, Methodologies, Tools, and Applications Concepts, Methodologies, Tools, and Applications IGI Global "This comprehensive, six-volume collection addresses all aspects of online and distance learning, including information communication technologies applied to education, virtual classrooms, pedagogical systems, Web-based learning, library information systems, virtual universities, and more. It enables libraries to provide a foundational reference to meet the information needs of researchers, educators, practitioners, administrators, and other stakeholders in online and distance learning"--Provided by publisher. Versioning Cultural Objects Digital Approaches BoD – Books on Demand This volume approaches an understanding of the term versioning in the broadest sense, discussing ideas about how versions differ across forms of media, including text, image, and sound. Versions of cultural objects are identified, defined, articulated, and analysed through diverse mechanisms in different fields of research. The study of versions allows for the investigation of the creative processes behind the conception of works, a closer inspection of their socio-political contexts, and promotes investigation of their provenance and circulation. Chapters in this volume include discussion of what a "version" means in different fields, case studies implementing digital versioning techniques, conceptual models for representing versions digitally, and computational and management issues for digital projects. The Wiley Blackwell Companion to Semantics, 5 Volume Set Wiley-Blackwell An inclusive survey of linguistic semantics, written by prominent experts in the field The Wiley Blackwell Companion to Semantics provides a thorough investigation of issues and phenomena central to the development of modern semantics and its interfaces. Presenting in-depth chapters written by leading experts in the field, this book investigates competing analyses and approaches, examines their conceptual foundations, and evaluates them as applied to various languages. This authoritative collection enables scholars and students of semantics—as well as those from associated areas of linguistics such as syntacticians—to broaden and deepen their knowledge of the subject and the developments in the field. Presenting over 100 case studies, the collection of chapters within this Companion is organized in alphabetical order for ease of reference. This key reference work: Provides detailed coverage of the major developments in linguistic semantics over the past several decades Demonstrates how research can identify differences and similarities in a variety of languages Presents studies that encompass well-delimited empirical areas and play important roles in theoretical debates Identifies topics via famous example sentences The Wiley Blackwell Companion to Semantics is a valuable reference work for scholars, researchers, academics, and students in linguistics and related areas. AI 2019: Advances in Artificial Intelligence 32nd Australasian Joint Conference, Adelaide, SA, Australia, December 2–5, 2019, Proceedings Springer Nature This book constitutes the proceedings of the 32nd Australasian Joint Conference on Artificial Intelligence, AI 2019, held in Adelaide, SA, Australia, in December 2019. The 48 full papers presented in this volume were carefully reviewed and selected from 115 submissions. The paper were organized in topical sections named: game and multiagent systems; knowledge acquisition, representation, reasoning; machine learning and applications; natural language processing and text analytics; optimization and evolutionary computing; and image processing. The Handbook of Service Innovation Springer Bringing together some of the world's leading thinkers, academics and professionals to provide practitioners, students and academicians with comprehensive insights into implementing effective service innovation. This book presents service innovation holistically and systemically across various service areas, including health, education, tourism, hospitality, telecommunications, and retail. It addresses contemporary issues through conceptual and applied contributions across industry, academia, and government, providing insights for improved practice and policy making. Featuring cutting-edge research contributions, practical examples, implementations and a select number of case studies across several growth service industries, this book also includes examples of failed service innovation attempts in order to demonstrate a balanced view of the topic and to make clear the pitfalls to be avoided. Culminating in a suggested step-by-step guide to enable service organization's managers to understand and implement the concepts of service innovation and manage its evolutionary processes effectively, this book will prove a valuable resource to a wide reaching audience including researchers, practitioners, managers, and students who aspire to create a deeper scientific foundation for service design and engineering, service experience and marketing, and service management and innovation. Includes endorsements from professionals in the field of service innovation. The Semantic Web – ISWC 2019 18th International Semantic Web Conference, Auckland, New Zealand, October 26-30, 2019, Proceedings, Part I Springer Nature The two-volume set of LNCS 11778 and 11779 constitutes the refereed proceedings of the 18th International Semantic Web Conference, ISWC 2019, held in Auckland, New Zealand, in October 2019. The ISWC conference is the premier international forum for the Semantic Web / Linked Data Community. The total of 74 full papers included in this volume was selected from 283 submissions. The conference is organized in three tracks: for the Research Track 42 full papers were selected from 194 submissions; the Resource Track contains 21 full papers, selected from 64 submissions; and the In-Use Track features 11 full papers which were selected from 25 submissions to this track. Proceedings of SAI Intelligent Systems Conference (IntelliSys) 2016 Volume 2 Springer These proceedings of the SAI Intelligent Systems Conference 2016 (IntelliSys 2016) offer a remarkable collection of papers on a wide range of topics in intelligent systems, and their applications to the real world. Authors hailing from 56 countries on 5 continents submitted 404 papers to the conference, attesting to the global importance of the conference's themes. After being reviewed, 222 papers were accepted for presentation, and 168 were ultimately selected for these proceedings. Each has been reviewed on the basis of its originality, novelty and rigorousness. The papers not only present state-of-the-art methods and valuable experience from researchers in the related research areas; they also outline the field's future development. Semantics and Morphosyntactic Variation Qualities and the Grammar of Property Concepts Oxford University Press This is an open access title available under the terms of a CC BY-NC-ND 4.0 International licence. It is free to read at Oxford Scholarship Online and offered as a free PDF download from OUP and selected open access locations. This book explores a key issue in linguistic theory, the systematic variation in form between semantic equivalents across languages. Two contrasting views of the role of lexical meaning in the analysis of such variation can be found in the literature: (i) uniformity, whereby lexical meaning is universal, and variation arises from idiosyncratic differences in the inventory and phonological shape of language-particular functional material, and (ii) transparency, whereby systematic variation in form arises from systematic variation in the meaning of basic lexical items. In this volume, Itamar Francez and Andrew Koontz-Garboden contrast these views as applied to the empirical domain of property concept sentences - sentences expressing adjectival predication and their translational equivalents across languages. They demonstrate that property concept sentences vary systematically between possessive and predicative form, and propose a transparentist analysis of this variation that links it to the lexical denotations of basic property concept lexemes. At the heart of the analysis are qualities: mass-like model theoretic objects that closely resemble scales. The authors contrast their transparentist analysis with uniformitarian alternatives, demonstrating its theoretical and empirical advantages. They then show that the proposed theory of qualities can account for interesting and novel observations in two central domains of grammatical theory: the theory of syntactic categories, and the theory of mass nouns. The overall results highlight the importance of the lexicon as a locus of generalizations about the limits of crosslinguistic variation. This is an open access title available under the terms of a CC BY-NC-ND 4.0 International licence. It is free to read at Oxford Scholarship Online and offered as a free PDF download from OUP and selected open access locations. NoSQL For Dummies John Wiley & Sons Get up to speed on the nuances of NoSQL databases and what they mean for your organization This easy to read guide to NoSQL databases provides the type of no-nonsense overview and analysis that you need to learn, including what NoSQL is and which database is right for you. Featuring specific evaluation criteria for NoSQL databases, along with a look into the pros and cons of the most popular options, NoSQL For Dummies provides the fastest and easiest way to dive into the details of this incredible technology. You'll gain an understanding of how to use NoSQL databases for mission-critical enterprise architectures and projects, and real-world examples reinforce the primary points to create an action-oriented resource for IT pros. If you're planning a big data project or platform, you probably already know you need to select a NoSQL database to complete your architecture. But with options flooding the market and updates and add-ons coming at a rapid pace, determining what you require now, and in the future, can be a tall task. This is where NoSQL For Dummies comes in! Learn the basic tenets of NoSQL databases and why they have come to the forefront as data has outpaced the capabilities of relational databases Discover major players among NoSQL databases, including Cassandra, MongoDB, MarkLogic, Neo4J, and others Get an in-depth look at the benefits and disadvantages of the wide variety of NoSQL database options Explore the needs of your organization as they relate to the capabilities of specific NoSQL databases Big data and Hadoop get all the attention, but when it comes down to it, NoSQL databases are the engines that power many big data analytics initiatives. With NoSQL For Dummies, you'll go beyond relational databases to ramp up your enterprise's data architecture in no time. Leveraging Applications of Formal Methods, Verification, and Validation 4th International Symposium on Leveraging Applications, ISoLA 2010, Heraklion, Crete, Greece, October 18-21, 2010, Proceedings Springer Science & Business Media This volume contains the conference proceedings of the 4th International S- posium on Leveraging Applications of Formal Methods, Veri?cation and Vali- tion, ISoLA 2010, which was held in Greece (Heraklion, Crete) October 18–21, 2010, and sponsored by EASST. Following the tradition of its forerunners in 2004, 2006, and 2008 in Cyprus and Chalchidiki, and the ISoLA Workshops in Greenbelt (USA) in 2005, in Poitiers (France) in 2007, and in Potsdam (Germany) in 2009, ISoLA 2010 p- vided a forum for developers, users, and researchers to discuss issues related to the adoption and use of rigorous tools and methods for the speci?cation, ana- sis, veri?cation, certi?cation, construction, testing, and maintenance of systems from the point of view of their di?erent application domains. Thus, the ISoLA series of events serves the purpose of bridging the gap between designers and developers of rigorous tools, and users in engineering and in other disciplines, and to foster and exploit synergetic relationships among scientists, engineers, software developers, decision makers, and other critical thinkers in companies and organizations. In particular, by providing a venue for the discussion of c- mon problems, requirements, algorithms, methodologies, and practices, ISoLA aims at supporting researchers in their quest to improve the utility, reliability, ?exibility, and e?ciency of tools for building systems, and users in their search for adequate solutions to their problems. Semantics: Volume 2 Cambridge University Press Anyone who writes an up-to-date textbook of semantics has to be au fait with an extremely wide range of contemporary academic activity. John Lyons' new book

demonstrates a remarkable ability to achieve such catholicity of expertise... Speech & Language Processing Pearson Education India Semantics: Volume 1 Cambridge University Press Anyone who writes an up-to-date textbook of semantics has to be au fait with an extremely wide range of contemporary academic activity. John Lyons' new book demonstrates a remarkable ability to achieve such catholicity of expertise... Proceedings of the European Computing Conference Volume 2 Springer Science & Business Media The European Computing Conference offers a unique forum for establishing new collaborations within present or upcoming research projects, exchanging useful ideas, presenting recent research results, participating in discussions and establishing new academic collaborations, linking university with the industry. Engineers and Scientists working on various areas of Systems Theory, Applied Mathematics, Simulation, Numerical and Computational Methods and Parallel Computing present the latest findings, advances, and current trends on a wide range of topics. This proceedings volume will be of interest to students, researchers, and practicing engineers. Meaning and Necessity A Study in Semantics and Modal Logic University of Chicago Press "This book is valuable as expounding in full a theory of meaning that has its roots in the work of Frege and has been of the widest influence. . . . The chief virtue of the book is its systematic character. From Frege to Quine most philosophical logicians have restricted themselves by piecemeal and local assaults on the problems involved. The book is marked by a genial tolerance. Carnap sees himself as proposing conventions rather than asserting truths. However he provides plenty of matter for argument."—Anthony Quinton, Hibbert Journal Lexical-Semantic Relations Theoretical and practical perspectives John Benjamins Publishing This collection of articles sketches the complexity of the subject of lexical-semantic relations and addresses semantic, lexicographic and computational issues on an array of meaning relations in different languages. It brings together a variety of linguistic studies on the contextualised construction of synonymy and antonymy in discourse. It shows that research on language and cognition calls for empirical evidence from different sources. This volume demonstrates how the internet, corpus data, as well as psycholinguistic methods contribute profitably to gain insights into the nature of the paradigmatics in actual language use. Furthermore, the volume is concerned with practical and application-oriented research on lexical databases, and it includes explorations of sense-related items in dictionaries from both a text-technological and lexicographic perspective. Law, Public Policies and Complex Systems: Networks in Action Springer This book investigates how various scientific communities – e.g. legal scientists, political scientists, sociologists, mathematicians, and computer scientists – study law and public policies, which are portrayed here as complex systems. Today, research on law and public policies is rapidly developing at the international level, relying heavily on modeling that employs innovative methods for concrete implementation. Among the subject matter discussed, law as a network of evolving and interactive norms is now a prominent sphere of study. Similarly, public policies are now a topic in their own right, as policy can no longer be examined as a linear process; rather, its study should reflect the complexity of the networks of actors, norms and resources involved, as well as the uncertainty or weak predictability of their direct or indirect impacts. The book is divided into three maain parts: complexity faced by jurists, complexity in action and public policies, and complexity and networks. The main themes examined concern codification, governance, climate change, normative networks, health, water management, use-related conflicts, legal regime conflicts, and the use of indicators. Knowledge-Driven Multimedia Information Extraction and Ontology Evolution Bridging the Semantic Gap Springer Science & Business Media This book presents the state of the art in the areas of ontology evolution and knowledge-driven multimedia information extraction, placing an emphasis on how the two can be combined to bridge the semantic gap. This was also the goal of the EC-sponsored BOEMIE (Bootstrapping Ontology Evolution with Multimedia Information Extraction) project, to which the authors of this book have all contributed. The book addresses researchers and practitioners in the field of computer science and more specifically in knowledge representation and management, ontology evolution, and information extraction from multimedia data. It may also constitute an excellent guide to students attending courses within a computer science study program, addressing information processing and extraction from any type of media (text, images, and video). Among other things, the book gives concrete examples of how several of the methods discussed can be applied to athletics (track and field) events. Linked Data Management CRC Press Linked Data Management presents techniques for querying and managing Linked Data that is available on today's Web. The book shows how the abundance of Linked Data can serve as fertile ground for research and commercial applications. The text focuses on aspects of managing large-scale collections of Linked Data. It offers a detailed introduction to Linked Data and related standards, including the main principles distinguishing Linked Data from standard database technology. Chapters also describe how to generate links between datasets and explain the overall architecture of data integration systems based on Linked Data. A large part of the text is devoted to query processing in different setups. After presenting methods to publish relational data as Linked Data and efficient centralized processing, the book explores lookup-based, distributed, and parallel solutions. It then addresses advanced topics, such as reasoning, and discusses work related to read-write Linked Data for system interoperation. Despite the publication of many papers since Tim Berners-Lee developed the Linked Data principles in 2006, the field lacks a comprehensive, unified overview of the state of the art. Suitable for both researchers and practitioners, this book provides a thorough, consolidated account of the new data publishing and data integration paradigm. While the book covers query processing extensively, the Linked Data abstraction furnishes more than a mechanism for collecting, integrating, and querying data from the open Web—the Linked Data technology stack also allows for controlled, sophisticated applications deployed in an enterprise environment. A Practical Guide to Hybrid Natural Language Processing Combining Neural Models and Knowledge Graphs for NLP Springer Nature This book provides readers with a practical guide to the principles of hybrid approaches to natural language processing (NLP) involving a combination of neural methods and knowledge graphs. To this end, it first introduces the main building blocks and then describes how they can be integrated to support the effective implementation of real-world NLP applications. To illustrate the ideas described, the book also includes a comprehensive set of experiments and exercises involving different algorithms over a selection of domains and corpora in various NLP tasks. Throughout, the authors show how to leverage complementary representations stemming from the analysis of unstructured text corpora as well as the entities and relations described explicitly in a knowledge graph, how to integrate such representations, and how to use the resulting features to effectively solve NLP tasks in a range of domains. In addition, the book offers access to executable code with examples, exercises and real-world applications in key domains, like disinformation analysis and machine reading comprehension of scientific literature. All the examples and exercises proposed in the book are available as executable Jupyter notebooks in a GitHub repository. They are all ready to be run on Google Colaboratory or, if preferred, in a local environment. A valuable resource for anyone interested in the interplay between neural and knowledge-based approaches to NLP, this book is a useful guide for readers with a background in structured knowledge representations as well as those whose main approach to AI is fundamentally based on logic. Further, it will appeal to those whose main background is in the areas of machine and deep learning who are looking for ways to leverage structured knowledge bases to optimize results along the NLP downstream. Language and Communication at Work Discourse, Narrativity, and Organizing OUP Oxford With the growing influence of discursive and narrative perspectives on organizing, organizational scholars are focusing increasing attention on the constitutive role that language and communication play in organizational processes. This view conceptualizes language and communication as bringing organization into being in every instant and is therefore inherently sympathetic to a process perspective. However, our understanding of the role of language in unfolding organizational processes and as a part of organizational action is still limited. This volume brings together empirical and/or conceptual contributions from leading scholars in organization and communication to develop understanding of language and communication as constitutive of work, and also analyze how language and communication actually work to achieve influence in the context of organizations. It aims to elucidate the role language, communication, and narrativity play as part of strategic and institutional work in and around organizational phenomena. In keeping with the preceding volumes in the Perspectives on Process Organization Studies series, this collection demonstrates why we need to start thinking processually and offers a range of theoretical and methodological approaches to studying these 'works in process' that we call organizations, companies, businesses, institutions, communities, associations, or NGOs Language and Emotion. Volume 2 Walter de Gruyter GmbH & Co KG The handbook Language and Emotion is intended to give a historical and systematic profile of the area. It will aim to connect contemporary and historical theories, approaches, and applications and to cover eastern and western perspectives of language, communication, and emotion. It will present all relevant aspects of language and emotion and thus contribute significantly to research in the field of linguistics and semiotics of emotion. Online and Distance Learning Concepts, Methodologies, Tools, and Applications IGI Global "This comprehensive, six-volume collection addresses all aspects of online and distance learning, including information communication technologies applied to education, virtual classrooms, pedagogical systems, Web-based learning, library information systems, virtual universities, and more. It enables libraries to provide a foundational reference to meet the information needs of researchers, educators, practitioners, administrators, and other stakeholders in online and distance learning"--Provided by publisher. Semantics, Culture, and Cognition Universal Human Concepts in Culture-specific Configurations Oxford University Press on Demand To what extent are languages 'essentially the same'? Is every word in our language translatable into every other language or are some of our words and concepts 'culture specific'? In this innovative study, Wierzbicka ranges across a wide variety of languages and cultures, attempting to identify concepts which are truly universal, while at the same time arguing that every language constitutes a different 'guide to reality'. The lexicons of different languages, she shows, do indeed suggest different conceptual universes. Not everything that can be said in one language can be said in another, and this is not just a matter of certain things being easier to say in one language than in another. In the development of her argument, Wierzbicka focuses on the words for emotion, moral concepts, names, and titles. Information and Communications Security 10th International Conference, ICICS 2008 Birmingham, UK, October 20 - 22, 2008. Proceedings Springer This book constitutes the refereed proceedings of the 10th International Conference on Information and Communications Security, ICICS 2008, held in Birmingham, UK, in October 2008. The 27 revised full papers presented together with one invited paper were carefully reviewed and selected from 125 submissions. The papers are organized in topical sections on authentication, side channel analysis, cryptanalysis, access control, software security, system security, applied cryptography, and security protocols. Natural Language Processing and Chinese Computing 9th CCF International Conference, NLPCC 2020, Zhengzhou, China, October 14–18, 2020, Proceedings, Part I Springer Nature This two-volume set of LNAI 12340 and LNAI 12341 constitutes the refereed proceedings of the 9th CCF Conference on Natural Language Processing and Chinese Computing, NLPCC 2020, held in Zhengzhou, China, in October 2020. The 70 full papers, 30 poster papers and 14 workshop papers presented were carefully reviewed and selected from 320 submissions. They are organized in the following areas: Conversational Bot/QA; Fundamentals of NLP; Knowledge Base, Graphs and Semantic Web; Machine Learning for NLP; Machine Translation and Multilinguality; NLP Applications; Social Media and Network; Text Mining; and Trending Topics. Setting Knowledge Free: The Journal of Issues in Informing Science and Information Technology Volume 5, 2008 Informing Science Where Have All the Adjectives Gone? And Other Essays in Semantics and Syntax Mouton De Gruyter Chinese Computational Linguistics 18th China National Conference, CCL 2019, Kunming, China, October 18-20, 2019, Proceedings Springer Nature This book constitutes the proceedings of the 18th China National Conference on Computational Linguistics, CCL 2019, held in Kunming, China, in October 2019. The 56 full papers presented in this volume were carefully reviewed and selected from 134 submissions. They were organized in topical sections named: linguistics and cognitive science, fundamental theory and methods of computational linguistics, information retrieval and question answering, text classification and summarization, knowledge graph and information extraction, machine translation and multilingual information processing, minority language processing, language resource and evaluation, social computing and sentiment analysis, NLP applications. Advances in Computing and Information Technology Proceedings of the Second International Conference on Advances in Computing and Information Technology (ACITY) July 13-15, 2012, Chennai, India - Volume 1 Springer Science & Business Media The international conference on Advances in Computing and Information technology (ACITY 2012) provides an excellent international forum for both academics and

professionals for sharing knowledge and results in theory, methodology and applications of Computer Science and Information Technology. The Second International Conference on Advances in Computing and Information technology (ACITY 2012), held in Chennai, India, during July 13-15, 2012, covered a number of topics in all major fields of Computer Science and Information Technology including: networking and communications, network security and applications, web and internet computing, ubiquitous computing, algorithms, bioinformatics, digital image processing and pattern recognition, artificial intelligence, soft computing and applications. Upon a strength review process, a number of high-quality, presenting not only innovative ideas but also a founded evaluation and a strong argumentation of the same, were selected and collected in the present proceedings, that is composed of three different volumes. Semantic Systems. The Power of AI and Knowledge Graphs 15th International Conference, SEMANTiCS 2019, Karlsruhe, Germany, September 9-12, 2019, Proceedings Springer Nature This open access book constitutes the refereed proceedings of the 15th International Conference on Semantic Systems, SEMANTiCS 2019, held in Karlsruhe, Germany, in September 2019. The 20 full papers and 8 short papers presented in this volume were carefully reviewed and selected from 88 submissions. They cover topics such as: web semantics and linked (open) data; machine learning and deep learning techniques; semantic information management and knowledge integration; terminology, thesaurus and ontology management; data mining and knowledge discovery; semantics in blockchain and distributed ledger technologies. Situation Awareness with Systems of Systems Springer Science & Business Media This book discusses various aspects, challenges, and solutions for developing systems-of-systems for situation awareness, using applications in the domain of maritime safety and security. Topics include advanced, multi-objective visualization methods for situation awareness, stochastic outlier selection, rule-based anomaly detection, an ontology-based event model for semantic reasoning, new methods for semi-automatic generation of adapters bridging communication gaps, security policies for systems-of-systems, trust assessment, and methods to deal with the dynamics of systems-of-systems in run-time monitoring, testing, and diagnosis. Architectural considerations for designing information-centric systems-of-systems such as situation awareness systems, and an integrated demonstrator implementing many of the investigated aspects, complete the book. Implicatures Cambridge University Press Offers an accessible and thorough introduction to implicatures in pragmatics, and its interfaces with language and cognition. Modern Approaches in Machine Learning and Cognitive Science: A Walkthrough Latest Trends in AI, Volume 2 Springer Nature This book provides a systematic and comprehensive overview of machine learning with cognitive science methods and technologies which have played an important role at the core of practical solutions for a wide scope of tasks between handheld apps, industrial process control, autonomous vehicles, environmental policies, life sciences, playing computer games, computational theory, and engineering development. The chapters in this book focus on readers interested in machine learning, cognitive and neuro-inspired computational systems – theories, mechanisms, and architecture, which underline human and animal behaviour, and their application to conscious and intelligent systems. In the current version, it focuses on the successful implementation and step-by-step explanation of practical applications of the domain. It also offers a wide range of inspiring and interesting cutting-edge contributions to applications of machine learning and cognitive science such as healthcare products, medical electronics, and gaming. Overall, this book provides valuable information on effective, cutting-edge techniques and approaches for students, researchers, practitioners, and academicians working in the field of AI, neural network, machine learning, and cognitive science. Furthermore, the purpose of this book is to address the interests of a broad spectrum of practitioners, students, and researchers, who are interested in applying machine learning and cognitive science methods in their respective domains. Knowledge Graphs Morgan & Claypool Publishers This book provides a comprehensive and accessible introduction to knowledge graphs, which have recently garnered notable attention from both industry and academia. Knowledge graphs are founded on the principle of applying a graph-based abstraction to data, and are now broadly deployed in scenarios that require integrating and extracting value from multiple, diverse sources of data at large scale. The book defines knowledge graphs and provides a high-level overview of how they are used. It presents and contrasts popular graph models that are commonly used to represent data as graphs, and the languages by which they can be queried before describing how the resulting data graph can be enhanced with notions of schema, identity, and context. The book discusses how ontologies and rules can be used to encode knowledge as well as how inductive techniques—based on statistics, graph analytics, machine learning, etc.—can be used to encode and extract knowledge. It covers techniques for the creation, enrichment, assessment, and refinement of knowledge graphs and surveys recent open and enterprise knowledge graphs and the industries or applications within which they have been most widely adopted. The book closes by discussing the current limitations and future directions along which knowledge graphs are likely to evolve. This book is aimed at students, researchers, and practitioners who wish to learn more about knowledge graphs and how they facilitate extracting value from diverse data at large scale. To make the book accessible for newcomers, running examples and graphical notation are used throughout. Formal definitions and extensive references are also provided for those who opt to delve more deeply into specific topics. Foundations of Probabilistic Programming Cambridge University Press This book provides an overview of the theoretical underpinnings of modern probabilistic programming and presents applications in e.g., machine learning, security, and approximate computing. Comprehensive survey chapters make the material accessible to graduate students and non-experts. This title is also available as Open Access on Cambridge Core. Digital Teaching In Higher Education: Designing E-learning for International Students of Technology, Innovation and the Environment Lulu.com Higher Education is a global industry, driving a new technological, industrial revolution. However, it is important to remember education is still about teachers helping students learn. This work is a collection of short essays exploring how to use digital technology to provide a form of teaching which will meet social and economic goals, and make use of technology, while still having a place for the academic as a teacher. This book charts one future for Higher Education, including instructional design, planning and management, catering for international students, using Open Education Resources and Mobile Learning. Case studies presenting the design of e-learning courses in ICT Sustainability and innovation are provided, along with educational theory and extensive references. A Companion to the Philosophy of Language John Wiley & Sons "Providing up-to-date, in-depth coverage of the central question, and written and edited by some of the foremost practitioners in the field, this timely new edition will no doubt be a go-to reference for anyone with a serious interest in the philosophy of language." Kathrin Glüer-Pagin, Stockholm University Now published in two volumes, the second edition of the best-selling Companion to the Philosophy of Language provides a complete survey of contemporary philosophy of language. The Companion has been greatly extended and now includes a monumental 17 new essays – with topics chosen by the editors, who curated suggestions from current contributors – and almost all of the 25 original chapters have been updated to take account of recent developments in the field. In addition to providing a synoptic view of the key issues, figures, concepts, and debates, each essay introduces new and original contributions to ongoing debates, as well as addressing a number of new areas of interest, including two-dimensional semantics, modality and epistemic modals, and semantic relationism. The extended "state-of-the-art" chapter format allows the authors, all of whom are internationally eminent scholars in the field, to incorporate original research to a far greater degree than competitor volumes. Unrivaled in scope, this volume represents the best contemporary critical thinking relating to the philosophy of language. Database Systems for Advanced Applications 24th International Conference, DASFAA 2019, Chiang Mai, Thailand, April 22-25, 2019, Proceedings, Part II Springer This two-volume set LNCS 11446 and LNCS 11447 constitutes the refereed proceedings of the 24th International Conference on Database Systems for Advanced Applications, DASFAA 2019, held in Chiang Mai, Thailand, in April 2019. The 92 full papers and 64 short papers were carefully selected from a total of 501 submissions. In addition, 13 demo papers and 6 tutorial papers are included. The full papers are organized in the following topics: big data; clustering and classification; crowdsourcing; data integration; embedding; graphs; knowledge graph; machine learning; privacy and graph; recommendation; social network; spatial; and spatio-temporal. The short papers, demo papers, and tutorial papers can be found in the volume LNCS 11448, which also includes the workshops of DASFAA 2019.