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MICAI 2008: Advances in Artificial Intelligence - Alexander Gelbukh 2008-10-07
The Mexican International Conference on Artificial Intelligence (MICAI), a yearly international conference series organized by the Mexican Society for Artificial Intel- gence (SMIA), is a major international AI forum and the main event in the academic life of the country's growing AI community. In 2008 Mexico celebrates the 50th an- versary of development of computer science in the country: in 1958 the first computer was installed at the National Autonomous University of Mexico (UNAM). Nowadays, computer science is the country's fastest growing research area. The proceedings of the previous MICAI events were published by Springer in its Lecture Notes in Artificial Intelligence (LNAI) series, vol. 1793, 2313, 2972, 3789, 4293, and 4827. Since its foundation in 2000, the conference has been growing in popularity, and improving in quality. This volume contains the papers presented at the oral session of the 7th Mexican International Conference on Artificial Intelligence, MICAI 2008, held October 27–31, 2008, in Atizapán de Zaragoza, Mexico. The conference received for evaluation 363 submissions by 1,032 authors from 43 countries (see Tables 1 and 2).

This volume contains revised versions of 94 papers by 308 authors from 28 countries selected - cording to the results of an international reviewing process. Thus the acceptance rate was 25.9%. The book is structured into 20 thematic fields representative of the main current areas of interest for the AI community, plus a section of invited papers:
Encyclopedia of Geographic Information Science - Karen Kemp 2007-12-26
The Encyclopedia of Geographic Information Science covers the essence of this exciting, new, and expanding field in an easily understood but richly detailed style. In addition to contributions from some of the best recognized scholars in GIScience, this volume contains contributions from experts in GIS' supporting disciplines who explore how their disciplinary perspectives are expanded within the context of GIScience—what changes when consideration of location is added, what complexities in analytical procedures are added when we consider objects in 2, 3 or even 4 dimensions, what can we gain by visualizing our analytical results on a map or 3D display?
Virtual Humans - David Burden 2019-01-24
Virtual Humans provides a much-needed definition of what constitutes a

'virtual human' and places virtual humans within the wider context of Artificial Intelligence development. It explores the technical approaches to creating a virtual human, as well as emergent issues such as embodiment, identity, agency and digital immortality, and the resulting ethical challenges. The book presents an overview of current research and practice in this area, and outlines the major challenges faced by today's developers and researchers. The book examines the possibility for using virtual humans in a variety of roles, from personal assistants to teaching, coaching and knowledge management, and the book situates these discussions around familiar applications (e.g. Siri, Cortana, Alexa) and the portrayal of virtual humans within Science Fiction. Features Presents a comprehensive overview of this rapidly developing field Provides an array of relevant, real-life examples from expert practitioners and researchers from around the globe in how to create the avatar body, mind, senses and ability to communicate Intends to be broad in scope yet practical in approach, so that it can serve the needs of several different audiences, including researchers, teachers, developers and anyone with an interest in where these technologies might take us Covers a wide variety of issues which have been neglected in other research texts; for example, definitions and taxonomies, the ethical challenges of virtual humans and issues around digital immortality Includes numerous examples and extensive references

Dependability in Sensor, Cloud, and Big Data Systems and Applications - Guojun Wang 2019-11-05
This book constitutes the refereed proceedings of the 5th International Conference on Dependability in Sensor, Cloud, and Big Data Systems and Applications, DependSys, held in Guangzhou, China, in November 2019. The volume presents 39 full papers, which were carefully reviewed and selected from 112 submissions. The papers are organized in topical sections on dependability and security fundamentals and technologies; dependable and secure systems; dependable and secure applications; dependability and security measures and assessments; explainable artificial inteligence for cyberspace.

Features of Common Sense Geography - Klaus Geus 2014

The contributions in this volume combine fundamental questions vins of common sense geography with case studies of ancient geographical texts. The book bridges synchronic cognitive linguistic and cognitive psychological approaches to the ancient texts with a diachronic perspective. The mental modeling of common sense geography is a fruitful theoretical approach, to gain deeper insights in universal and cultural-specific mnemonic representational systems on the one hand, and to enhance our understanding of ancient geography on the other. (Series: Ancient Culture and History / Antike Kultur und Geschichte - Vol. 16)

Biometric ID Management and Multimodal Communication - Julian Fierrez 2009-09-29
This book constitutes the research papers presented at the Joint 2101 & 2102 International Conference on Biometric ID Management and Multimodal Communication. BioID_MultiComm'09 is a joint International Conference organized cooperatively by COST Actions 2101 & 2102. COST 2101 Action is focused on 'Biometrics for Identity Documents and Smart Cards (BIDS)', while COST 2102 Action is entitled 'Cross-Modal Analysis of Verbal and Non-verbal Communication'. The aim of COST 2101 is to investigate novel technologies for unsupervised multimodal biometric authentication systems using a new generation of biometrics-enabled identity documents and smart cards. COST 2102 is devoted to develop an advanced acoustical, perceptual and psychological analysis of verbal and non-verbal communication signals originating in spontaneous face-to-face interaction, in order to identify algorithms and automatic procedures capable of recognizing human emotional states.

Human-Computer Interaction - INTERACT 2009 - Tom Gross 2009-08-06
INTERACT 2009 was the 12th of a series of INTERACT international c-ferences supported by the IFIP Technical Committee 13 on Human–Computer Interaction. This year,INTERACT washeld in Uppsala (Sweden), organizedby the Swedish Interdisciplinary Interest Group for Human–Computer Interaction (STIMDI) in cooperation with the Department of Information Technology at Uppsala University. Like its

predecessors, INTERACT 2009 highlighted, both to the academic and to the industrial world, the importance of the human–computer interaction (HCI) area and its most recent breakthroughs on current applications. Both - perienced HCI researchers and professionals, as well as newcomers to the HCI ?eld, interested in designing or evaluating interactive software, developing new interaction technologies, or investigating overarching theories of HCI, found in INTERACT 2009 a great forum for communication with people of similar int- ests, to encourage collaboration and to learn. INTERACT 2009 had Research and Practice as its special theme. The r- son we selected this theme is that the research within the ?eld has drifted away from the practicalapplicability of its results and that the HCI practice has come to disregard the knowledge and development within the academic community.

Re-Engineering Humanity - Brett Frischmann 2018-04-19
Every day, new warnings emerge about artificial intelligence rebelling against us. All the while, a more immediate dilemma flies under the radar. Have forces been unleashed that are thrusting humanity down an ill-advised path, one that's increasingly making us behave like simple machines? In this wide-reaching, interdisciplinary book, Brett Frischmann and Evan Selinger examine what's happening to our lives as society embraces big data, predictive analytics, and smart environments. They explain how the goal of designing programmable worlds goes hand in hand with engineering predictable and programmable people. Detailing new frameworks, provocative case studies, and mind-blowing thought experiments, Frischmann and Selinger reveal hidden connections between fitness trackers, electronic contracts, social media platforms, robotic companions, fake news, autonomous cars, and more. This powerful analysis should be read by anyone interested in understanding exactly how technology threatens the future of our society, and what we can do now to build something better.
Illiterate Geography in Classical Athens and Rome - Daniela Dueck 2020-11-27
This study is devoted to the channels through which geographic knowledge circulated in classical societies outside of textual transmission. It explores understanding of geography among the non-elites, as opposed to scholarly and scientific geography solely in written form which was the province of a very small number of learned people. It deals with non-literary knowledge of geography, geography not derived from texts, as it was available to people, educated or not, who did not read geographic works. This main issue is composed of two central questions: how, if at all, was geographic data available outside of textual transmission and in contexts in which there was no need to write or read? And what could the public know of geography? In general, three groups of sources are relevant to this quest: oral communications preserved in writing; public non-textual performances; and visual artefacts and monuments. All these are examined as potential sources for the aural and visual geographic knowledge of Greco-Roman publics. This volume will be of interest to anyone working on geography in the ancient world and to those studying non-elite culture.

Geographical Reasoning and Learning - Sonia Maria Vanzella Castellar 2021-09-15
This book presents the distinctive theoretical and methodological approaches in geography education in South America and more specifically in Brazil, Chile and Colombia. It highlights cartography and maps as essential tools and provides a meaningful approach to learning in geographical education, thereby giving children and young people the opportunity to better understand their situations, contexts and social conditions. The book describes how South American countries organize their scholar curriculum and the ways in which they deal with geography vocabulary and developing fundamental concepts, methodologies, epistemological comprehension on categories, keywords and themes in geography. It also describes its use in teachers' practices and learning progressions, the use of spatial representations as a potent mean to visualize and solve questions, and harnesses spatial thinking and geographical reasoning development. The book helps to improve teaching and learning practices in primary and secondary education and as such it provides an interesting read for researchers, students, and

teachers of geography and social studies.

Building and Using Large Common Sense Knowledge Bases - Kenneth D. Forbus 2001

Adaptive Hypermedia and Adaptive Web-Based Systems - Paul De Bra 2003-08-01
This book constitutes the refereed proceedings of the Second International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems, AH 2002, held in Malaga, Spain, in May 2002. The 33 revised full papers and 23 short papers presented were carefully reviewed and selected from 109 submissions. Also included are three invited contributions, 30 posters, and 5 presentations given at the associated doctoral consortium. Among the topics covered are adaptive hypertext and hypermedia, user modeling, adaptive learning, adaptive tutoring systems, information retrieval, educational hypermedia systems, Web adaption, adaptive navigation, adaption and personalization.
Efficient Decision Support Systems - Chiang Jao 2011-09-06
This series is directed to diverse managerial professionals who are leading the transformation of individual domains by using expert information and domain knowledge to drive decision support systems (DSSs). The series offers a broad range of subjects addressed in specific areas such as health care, business management, banking, agriculture, environmental improvement, natural resource and spatial management, aviation administration, and hybrid applications of information technology aimed to interdisciplinary issues. This book series is composed of three volumes: Volume 1 consists of general concepts and methodology of DSSs; Volume 2 consists of applications of DSSs in the biomedical domain; Volume 3 consists of hybrid applications of DSSs in multidisciplinary domains. The book is shaped decision support strategies in the new infrastructure that assists the readers in full use of the creative technology to manipulate input data and to transform information into useful decisions for decision makers.
Universal Ontology of Geographic Space: Semantic Enrichment for Spatial Data - Podobnikar, Tomaž 2012-03-31

A universal approach to the ontology of geographic space has already been, and is going to be, a comprehensive task for establishing more effective spatial models. The concept of a universal spatial ontology should be independent of location, culture, and time. It should be fundamental and universal in the same way that the number p defines the ratio between the diameter and the circumference of a circle. The term "universal" therefore means all-embracing and for general propose. Universal Ontology of Geographic Space: Semantic Enrichment for Spatial Data aims to escalate the current scope of research to support the development of semantically interoperable systems of geographic space. This reference will aid university lecturers and professors, students, researchers, developers of spatial applications.
Towards Very Large Knowledge Bases - N. J. I. Mars 1995
In the early days of artificial intelligence it was widely believed that powerful computers would, in the future, enable mankind to solve many real-world problems through the use of very general inference procedures and very little domain-specific knowledge. With the benefit of hindsight, this view can now be called quite naive. The field of expert systems, which developed during the early 1970s, embraced the paradigm that Knowledge is Power - even very fast computers require very large amounts of very specific knowledge to solve non-trivial problems. Thus, the field of large knowledge bases has emerged.
Mental Representation and Processing of Geographic Knowledge - Thomas Barkowsky 2003-07-01
In cognitive science, mental representations of spatial knowledge are metaphorically referred to as cognitive maps. However, investigations in cognitive psychology reveal that the cognitive map metaphor is inadequate and that more suitable conceptions of human spatial knowledge processing are needed. This book addresses mental processing of knowledge about geographic space from an AI point of view by presenting an experimental computational modeling approach. Results about human memory and visual mental imagery from cognitive psychology are combined with AI techniques of spatial and diagrammatic knowledge processing. The author develops the diagrammatic reasoning

architecture MIRAGE as a comprehensive conception of human geographic knowledge processing.

The Geography of You and Me - Jennifer E. Smith 2014-04-15
Lucy lives on the twenty-fourth floor. Owen lives in the basement. It's fitting, then, that they meet in the middle -- stuck between two floors of a New York City apartment building, on an elevator rendered useless by a citywide blackout. After they're rescued, Lucy and Owen spend the night wandering the darkened streets and marveling at the rare appearance of stars above Manhattan. But once the power is back, so is reality. Lucy soon moves abroad with her parents, while Owen heads out west with his father. The brief time they spend together leaves a mark. And as their lives take them to Edinburgh and to San Francisco, to Prague and to Portland, Lucy and Owen stay in touch through postcards, occasional e-mails, and phone calls. But can they -- despite the odds -- find a way to reunite? Smartly observed and wonderfully romantic, Jennifer E. Smith's new novel shows that the center of the world isn't necessarily a place. Sometimes, it can be a person.

Reasoning Web. Web Logic Rules - Wolfgang Faber 2015-07-17
This volume contains the lecture notes of the 11th Reasoning Web Summer School 2015, held in Berlin, Germany, in July/August 2015. In 2015, the theme of the school was Web Logic Rules. This Summer School is devoted to this perspective, and provides insight into the semantic Web, linked data, ontologies, rules, and logic.

Information Fusion and Geographic Information Systems - Vasily Popovich 2011-06-17
The Workshop Proceedings reflect problems of advanced geo-information science as far as they are specifically concerned with the maritime environment at large. The Proceedings incorporate papers presented by leading scientists researching in the considered professional area and by practitioners engaged in GIS and GIS applications development. They pay close attention to the problems of scientific and technological innovations and the ensuing opportunities to make seas safer and cleaner. Furthermore, they periodically measure the ground covered and new challenges with respect to economic and shipping trends as related

to Artificial Intelligence; GIS ontologies; GIS data integration and modelling; Underwater acoustics; GIS data fusion; GIS and corporate information systems; GIS and real-time monitoring systems; GIS algorithms and computational issues; Novel and emerging marine GIS research areas; Monitoring of maritime terrorist threat; Maritime and environmental GIS; Navigation-based and maritime transportation GIS; Human factors in maritime GIS; Coastal and environmental GIS.

Community Participation and Geographical Information Systems - William J. Craig 2002-04-04
Have you ever considered how much effect information technology has on society throughout the world? Progress often places lower income and marginalized communities at a distinct disadvantage. Community Participation and Geographic Information Systems, however, offers a detailed look at numerous incidences around the world where communities have ac

Governing Markets as Knowledge Commons - Erwin Dekker 2021-12-16
Knowledge commons facilitate voluntary private interactions in markets and societies. These shared pools of knowledge consist of intellectual and legal infrastructures that both enable and constrain private initiatives. This volume brings together theoretical and empirical approaches that develop and apply the Governing Knowledge Commons framework to the evolution of various kinds of shared knowledge structures that underpin exchanges of goods, services, and ideas. Chapters offer vivid and illuminating case studies that illustrate this conceptual framework. How did pooling scientific knowledge enable the Industrial Revolution? How do social networks underpin the credit system enabling the Agra footwear market? How did the market category Scotch whisky emerge and who has access to it? What is the potential of blockchain-ledgers as shared knowledge repositories? This volume demonstrates the importance of shared knowledge in modern society.

MICAI 2004: Advances in Artificial Intelligence - Raúl Monroy 2004-04-08
representative of the main current area of interest within the AI community.

Big Data Computing for Geospatial Applications - Zhenlong Li 2020-11-23
The convergence of big data and geospatial computing has brought forth challenges and opportunities to Geographic Information Science with regard to geospatial data management, processing, analysis, modeling, and visualization. This book highlights recent advancements in integrating new computing approaches, spatial methods, and data management strategies to tackle geospatial big data challenges and meanwhile demonstrates opportunities for using big data for geospatial applications. Crucial to the advancements highlighted in this book is the integration of computational thinking and spatial thinking and the transformation of abstract ideas and models to concrete data structures and algorithms.

Knowledge Graph and Semantic Computing. Language, Knowledge, and Intelligence - Juanzi Li 2018-01-18
This book constitutes the refereed proceedings of the Second China Conference on Knowledge Graph and Semantic Computing, CCKS 2017, held in Chengdu, China, in August 2017. The 11 revised full papers and 6 revised short papers presented were carefully reviewed and selected from 85 submissions. The papers cover wide research fields including the knowledge graph, the Semantic Web, linked data, NLP, knowledge representation, graph databases.

Rediscovering Geography - Rediscovering Geography Committee 1997-04-11
As political, economic, and environmental issues increasingly spread across the globe, the science of geography is being rediscovered by scientists, policymakers, and educators alike. Geography has been made a core subject in U.S. schools, and scientists from a variety of disciplines are using analytical tools originally developed by geographers. Rediscovering Geography presents a broad overview of geography's renewed importance in a changing world. Through discussions and highlighted case studies, this book illustrates geography's impact on international trade, environmental change, population growth, information infrastructure, the condition of cities, the spread of AIDS,

and much more. The committee examines some of the more significant tools for data collection, storage, analysis, and display, with examples of major contributions made by geographers. Rediscovering Geography provides a blueprint for the future of the discipline, recommending how to strengthen its intellectual and institutional foundation and meet the demand for geographic expertise among professionals and the public.

Knowledge-Based Intelligent Information and Engineering Systems - Bruno Apolloni 2007-09-12
This book is part of a three-volume set that constitutes the refereed proceedings of the 11th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, KES 2007. Coverage in this first volume includes artificial neural networks and connectionists systems, fuzzy and neuro-fuzzy systems, evolutionary computation, machine learning and classical AI, agent systems, and information engineering and applications in ubiquitous computing environments.

Geographic Information Science - Max J. Egenhofer 2003-06-30
This book constitutes the refereed proceedings of the Second International Conference on Geographic Information Science, GIScience 2002, held in Boulder, Colorado, USA in September 2002.The 24 revised full papers presented were carefully reviewed and selected from 64 paper submissions. Among the topics addressed are Voronoi diagram representation, geospacial database design, vector data transmission, geographic information retrieval, geo-ontologies, relative motion analysis, Web-based maps information retrieval, spatial pattern recognition, environmental decision support systems, multi-scale spatial databases, mobile journey planning, searching geographical data, indexing, terrain modeling, spatial allocation, distributed geographic internet information systems, and spatio-thematic information programming.

Multidimensional Geographic Information Science - Jonathan Raper 2000-11-23
The way people normally view a GIS is 2-dimensional, a greatly limiting form. However, as developments occur within the field, researchers and practitioners are finding ways to make a GIS 3-dimensional, and in some

instances even 4-dimensional. Being able to view a GIS in more than 2 dimensions greatly enhances its usability. This forward-looking text, looks at the ways in which 3- and 4-dimensional (multidimensional) GIS can be incorporated into the area in the future using a variety of programming techniques. The author of this unique book also discusses current examples and uses of multidimensional GIS in the field and shows the way forward for users in the coming years.

Theories of Geographic Concepts - Marinos Kavouras 2007-12-20
Most widely available approaches to semantic integration provide ad-hoc, non-systematic, subjective manual mappings that lead to procrustean amalgamations to fit the target standard, an outcome that pleases no one. Written by experts in the field, Theories of Geographic Concepts: Ontological Approaches to Semantic Integration emphasizes the real issues involved in integrating existing geo-ontologies. The book addresses theoretical, formal, and pragmatic issues of geographic knowledge representation and integration based on an ontological approach. The authors highlight the importance of philosophical, cognitive, and formal theories in preserving the semantics of geographic concepts during ontology development and integration. They elucidate major theoretical issues, then introduce a number of formal tools. The book delineates a general framework with the necessary processes and guidelines to ontology integration and applies it to a selection of ontology integration cases. It concludes with a retrospection of key issues and identifies open research questions. Copiously illustrated, the book contains more than 80 illustrations and several examples to various approaches that provide a better understanding of the complexity of ontology integration tasks. The authors provide guidance on selecting the most appropriate approach and details on its application to indicative integration problems.

Encyclopedia of Information Science and Technology, Fourth Edition - Khosrow-Pour, D.B.A., Mehdi 2017-06-20
In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library.

Science in China - 2008

Ambient Intelligence - David Keyson 2011-11-11
This book constitutes the refereed proceedings of the Second International Joint Conference on Ambient Intelligence, AmI 2011, held in Amsterdam, The Netherlands, in November 2011. The 58 revised full papers presented were carefully reviewed and selected from numerous submissions. The papers cover a wide range of topics such as haptic interfaces, smart sensing, smart environments, novel interaction technologies, affecting human behaviour, privacy and trust, landscape and ambient assisted living.

Advanced Methodologies and Technologies in Artificial Intelligence, Computer Simulation, and Human-Computer Interaction - Khosrow-Pour, D.B.A., Mehdi 2018-09-28

As modern technologies continue to develop and evolve, the ability of users to adapt with new systems becomes a paramount concern. Research into new ways for humans to make use of advanced computers and other such technologies through artificial intelligence and computer simulation is necessary to fully realize the potential of tools in the 21st century. Advanced Methodologies and Technologies in Artificial Intelligence, Computer Simulation, and Human-Computer Interaction provides emerging research in advanced trends in robotics, AI, simulation, and human-computer interaction. Readers will learn about the positive applications of artificial intelligence and human-computer interaction in various disciples such as business and medicine. This book is a valuable resource for IT professionals, researchers, computer scientists, and researchers invested in assistive technologies, artificial intelligence, robotics, and computer simulation.

Geography Education's Potential and the Capability Approach - Richard Bustin 2019-08-10
This book explores the pivotal role that geography as a school subject plays in helping every young person achieve their educational potential. Expressed as 'GeoCapabilities', this concept draws on the the capabilities approach developed by Amartya Sen and Martha Nussbaum applied to curriculum thinking in schools. While traditional subjects have often been deemed irrelevant and outdated in an overcrowded secondary school curriculum, subjects like geography have often been lost or combined with others to fulfil a broad skills agenda. More recent talk of a 'knowledge led' curriculum can often lead to the recitation of facts at the expense of developing deeper understanding. This book argues the concept of powerful geographical knowledge, based on the work of Michael Young and David Lambert, invests the subject of geography with its educational potential: this forms the basis of GeoCapabilities. GeoCapabilities focuses on both what is being taught and why, and as such provides a framework of curriculum thinking which will be of interest and value to geography teachers, school leaders with curriculum development responsibilities and all those interested in the capability approach and the moral imperative of education.

Web and Wireless Geographical Information Systems - Katsushi Tanaka 2011-02-17
This book constitutes the refereed proceedings of the 10th International Symposium on Web and Wireless Geographical Information Systems, W2GIS 2011, held in Kyoto, Japan, in March 2011. A total of 13 full and 3 short papers plus 2 short keynote papers presented were carefully reviewed and selected from 36 submissions. The papers cover a wide range of topics including geographic information retrieval on the web, geo-spatial semantic and sensor web, location-based services, advanced GIS visualization techniques, personalization and adjustment for mobile GIS applications, and geo-spatial data quality and context processing.

Human Computer Interaction - Kikuo Asai 2008-10-01
The book consists of 20 chapters, each addressing a certain aspect of human-computer interaction. Each chapter gives the reader background information on a subject and proposes an original solution. This should serve as a valuable tool for professionals in this interdisciplinary field. Hopefully, readers will contribute their own discoveries and improvements, innovative ideas and concepts, as well as novel applications and business models related to the field of human-computer interaction. It is our wish that the reader consider not only what our authors have written and the experimentation they have described, but also the examples they have set.

Spatial Information Theory - 2003

Spatial Semiotics and Spatial Mental Models - Martin Thiering 2014-12-12
This book presents novel data from endangered languages and cultures that are ever so often still not focused on. It combines different disciplines to capture the intricacies of spatial orientation and navigation. Also, the interplay between culture through language and practices presents new insights in the importance of combining cognitive semantics with cognitive anthropology.

Quality Issues in the Management of Web Information - Gabriella Pasi 2013-04-17

This research volume presents a sample of recent contributions related to the issue of quality-assessment for Web Based information in the context of information access, retrieval, and filtering systems. The advent of the Web and the uncontrolled process of documents' generation have raised the problem of declining quality assessment to information on the Web, by considering both the nature of documents (texts, images, video, sounds, and so on), the genre of documents (news, geographic information, ontologies, medical records, products records, and so on), the reputation of information sources and sites, and, last but not least the actions performed on documents (content indexing, retrieval and ranking, collaborative filtering, and so on). The volume constitutes a compendium of both heterogeneous approaches and sample applications focusing specific aspects of the quality assessment for Web-based information for researchers, PhD students and practitioners carrying out their research activity in the field of Web information retrieval and filtering, Web information mining, information quality representation and management.

The Turing Test - James Moor 2003-04-30
This book gives the most comprehensive, in depth and contemporary assessment of this classic topic in artificial intelligence. It is the first to elaborate in such detail the numerous conflicting points of view on many aspects of this multifaceted, controversial subject. It offers new insights into Turing's own interpretation and is essential reading for research on the Turing test and for teaching undergraduate and graduate students in philosophy, computer science, and cognitive science.