UML For Developing Knowledge Management Systems

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Encyclopedia of Knowledge Management - Schwartz, David 2005-09-30
"This encyclopedia is a research reference work documenting the past, present, and possible future directions of knowledge management"--Provided by publisher.
Current Issues in Knowledge Management - Jennex, Murray E. 2008-02-28
"This book combines research on the cultural, technical, organizational, and human issues surrounding the creation, capture, transfer, and use of knowledge in today's organizations. Topics such as organizational memory,

knowledge management in enterprises, enablers and inhibitors of knowledge sharing and transfer, and emerging technologies of knowledge management, offering information to practitioners and scholars in a variety of settings"--Provided by publisher.

UML for Developing Knowledge Management Systems - Anthony J. Rhem 2005-11-21

UML for Developing Knowledge Management Systems provides knowledge engineers the framework in which to identify types of knowledge and where this knowledge exists in an organization. It also shows ways in which to use a standard recognized notation to capture, or model, knowledge to be used in a knowledge management system (KMS). This volume

Design Science Research Methods and Patterns - Vijay K. Vaishnavi 2007-10-30

Design research promotes understanding of advanced, cutting-edge information systems through the construction and evaluation of these systems and their components. Since this method of research can produce rigorous, meaningful results in the absence of a strong theory base, it excels in investigating new and even speculative technologies, offering

ECKM2014-Proceedings of the 15th European conference on Knowledge Management - Carla Vivas 2014-10-01

The world economy in which we are living poses challenges that lead to a realization that 'more of the same' will be difficult to sustain. This provides an illustration that, in order to create new or modified knowledge practices, strengthen customer relationships and thus positively influence customer satisfaction, organizations must be flexible in configuring (combining) knowledge and knowledge structures in a way that is appropriate for delivering value to the customer. It must simultaneously develop

effective strategies for updating the knowledge of its staff members necessary for underpinning the creation and delivery of appropriate knowledge services. Thus, unlearning (forgetting) becomes a critical means for organizational success. The ECKM community of scholars has already initiated dialogue that links its particular strengths to innovation issues. This conference aims to further that dialogue by attracting leading edge work that leverages the ECKM community's in-depth understanding of learning and unlearning to better understand knowledge management. Our aim is to stimulate breakthrough research streams linking learning, unlearning and knowledge management. How can organizations tailor, use, and extend techniques and tools from knowledge management for improving their business practices and processes? Building upon existing work on knowledge management (KM) and organizational learning, the conference will promote interdisciplinary approaches from computer science and information systems, business, management and organization science as well as cognitive science. Emphasis will be put on systematic learning from experience, KM tools and KM success factors. A special interest belongs to knowledge management initiatives which are lightweight (i.e., do not place considerable additional burden on users and KM experts), allow an incremental adoption (i.e., do not require large up-front investment before any return of investment is at least visible), and are flexible regarding frequent changes in experts and topics. Continuing the success of the ECKM conference series since 2000, the 2015 conference will provide an international communication forum bringing together academia and industry for discussing the progress made and addressing the challenges faced by continuous learning in knowledge-intensive

organizations.

Information Systems Development - Janis Grundspenkis 2002

This book is the result of the 11 th International Conference on Information Systems Development -Methods and Tools, Theory and Practice, held in Riga, Latvia, September 12-14,2002. The purpose of this conference was to address issues facing academia and industry when specifying, developing, managing, reengineering and improving information systems. Recently many new concepts and approaches have emerged in the Information Systems Development (ISD) field. Various theories, methodologies, methods and tools available to system developers also created new problems, such as choosing the most effective approach for a specific task, or solving problems of advanced technology integration into information systems. This conference provides a meeting place for ISD researchers and practitioners from Eastern and Western Europe as well as from other parts of the world. Main objectives of this conference are to share scientific knowledge and interests and to establish strong professional ties among the participants. The 11th International Conference on Information Systems Development (ISD'02) continues the tradition started with the first Polish-Scandinavian Seminar on Current Trends in Information Systems Development Methodologies, held in Gdansk, Poland in 1988. Through the years this Seminar has evolved into the International Conference on Information Systems Development. ISD'02 is the first ISD conference held in Eastern Europe, namely, in Latvia, one of the three Baltic countries.

Knowledge Management Systems - Ronald Maier 2007-06-30

Knowledge management promises concepts and instruments that help organizations support knowledge creation, sharing

and application. This book offers a comprehensive account of the many facets, concepts and theories that have influenced knowledge management and integrates them into a framework consisting of strategy, organization, systems and economics guiding the design of successful initiatives. The third edition extends coverage of the two pillars of implementing knowledge management initiatives, organization and systems.

Implementing Electronic Document and Record Management Systems - Azad Adam 2007-08-24

The global shift toward delivering services online requires organizations to evolve from using traditional paper files and storage to more modern electronic methods. There has however been very little information on just how to navigate this change-until now. Implementing Electronic Document and Record Management Systems explains how to efficiently store and access electronic documents and records in a manner that allows quick and efficient access to information so an organization may meet the needs of its clients. The book addresses a host of issues related to electronic document and records management systems (EDRMS). From starting the project to systems administration, it details every aspect in relation to implementation and management processes. The text also explains managing cultural changes and business process re-engineering that organizations undergo as they switch from paper-based records to electronic documents. It offers case studies that examine how various organizations across the globe have implemented EDRMS. While the task of creating and employing an EDRMS may seem daunting at best, Implementing Electronic Document and Record Management Systems is the resource that can provide you with the direction and guidance you need to make the transition as seamless as

possible.

Soft Computing Applications in Industry - Bhanu Prasad 2008-02-13

Softcomputing techniques play a vital role in the industry. This book presents several important papers presented by some of the well-known scientists from all over the globe. The main techniques of soft computing presented include ant-colony optimization, artificial immune systems, artificial neural networks, Bayesian models. The book includes various examples and application domains such as bioinformatics, detection of phishing attacks, and fault detection of motors.

Manage Software Testing - Peter Farrell-Vinay 2008-03-07

Whether you are inheriting a test team or starting one up, Manage Software Testing is a must-have resource that covers all aspects of test management. It guides you through the business and organizational issues that you are confronted with on a daily basis, explaining what you need to focus on strategically, tactically, and operationally. Using a risk-based approach, the author addresses a range of questions about software product development. The book covers unit, system, and non-functional tests and includes examples on how to estimate the number of bugs expected to be found, the time required for testing, and the date when a release is ready. It weighs the cost of finding bugs against the risks of missing release dates or letting bugs appear in the final released product. It is imperative to determine if bugs do exist and then be able to metric how quickly they can be identified, the cost they incur, and how many remain in the product when it is released. With this book, test managers can effectively and accurately establish these parameters.

Learning UML 2.0 - Russ Miles 2006-04-25

With its clear introduction to the Unified Modeling Language (UML) 2.0, this tutorial offers a solid understanding of each topic, covering foundational concepts of object-orientation

and an introduction to each of the UML diagram types.

Electronic Globalized Business and Sustainable Development Through IT Management: Strategies and Perspectives - Ord¢¤ez de Pablos, Patricia 2010-08-31

"This book provides fresh ideas on how IT and modern management can contribute to societal and economic objectives and the significant role of IT for global challenges and international collaboration"--Provided by publisher.

Software Applications: Concepts, Methodologies, Tools, and Applications - Tiako, Pierre F. 2009-03-31

Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.

Advances in Learning Software Organizations - Alta.) Lso 200 (2004 Banff 2004-06-14

Software-intensive organizations cannot help but learn. A software organization that does not learn will not exist for long, because the software market is continuously on the move,because of new customerdemandsand needs, and becauseof new competitor products and services. Software organizationsmust adapt quickly to this ever-changing environment, and the capability to adapt is one of the most important aspects of lea-ing. Smart organizations will attempt to predict future software demands, and develop a corresponding knowledge road map that identi?es the capabilities needed over time in order to meet these demands. Organizational learning typically occurs when experienced organization members share their knowledge with colleagues, such that the organization as a whole can pro?t from the intellectual capital of its members. While knowledge is typically shared in an adhoc fashion by means of direct, face-to-face communication, a learning software organizationwill want to ensurethat this

knowledgesharingoccursina systematicway, enabling it whenever and wherever it is needed. Since 1999,the annualInternationalWorkshopo n LearningSoftwareOrganization s (LSO) hasprovideda communicationforumthat bringstogether academiaand industry to discuss the advancements in and to address the questions of continuous learning in software-intensive organizations. Building upon existing work on knowledge mana- ment and organizational learning, the workshop series promotes interdisciplinary - proaches from computer science and information systems, business, management and organization science as well as cognitive science.

Model Driven Architecture - Uwe Aßmann 2005-08-25 Model-Driven Architecture (MDA) is an initiative proposedby the Object M- agement Group (OMG) for platform-generic software development. MDA s- arates the speci?cation of system functionality from the implementation on a speci?c platform. It is aimed at making software assets more resilient to changes caused by emerging technologies. While stressing the importance of modeling, the MDA initiative covers a wide spectrum of research areas. Further e?orts are required to bring them into a coherent approach based on open standards and supported by matured tools and techniques. Thisvolumecontainstheselected papersoftwoworkshopson“Mod el-Driven Architecture – Foundations and Applications” (MDAFA): MDAFA 2003 held at the University of Twente, Twente, The Netherlands, June 26–27, 2003, and MDAFA 2004 held at Linko¨ping University, Link¨ oping, Sweden, June 10–11, 2004. The goal of the workshops was to understand the foundations of MDA, to share experience in applying MDA techniques and tools, and to outline future research directions. The workshops organizers encouraged authors

of accepted papers to re-submit their papers to a post-workshop reviewing process; 15 of these papers were accepted to appear in this volume on MDA.

Advances in Learning Software Organizations - Grigori Melnik 2011-04-02 Software-intensive organizations cannot help but learn. A software organization that does not learn will not exist for long, because the software market is continuously on the move, because of new customerdemandsand needs, and becauseof new competitor products and services. Software organizationsmust adapt quickly to this ever-changing environment, and the capability to adapt is one of the most important aspects of lea-ing. Smart organizations will attempt to predict future software demands, and develop a corresponding knowledge road map that identi?es the capabilities needed over time in order to meet these demands. Organizational learning typically occurs when experienced organization members share their knowledge with colleagues, such that the organization as a whole can pro?t from the intellectual capital of its members. While knowledge is typically shared in an adhoc fashion by means of direct, face-to-face communication, a learning software organizationwill want to ensurethat this knowledgesharingoccursina systematicway, enabling it whenever and wherever it is needed. Since 1999,the annualInternationalWorkshopo n LearningSoftwareOrganization s (LSO) hasprovideda communicationforumthat bringstogether academiaand industry to discuss the advancements in and to address the questions of continuous learning in software-intensive organizations. Building upon existing work on knowledge mana- ment and organizational learning, the workshop series promotes interdisciplinary - proaches from computer

science and information systems, business, management and organization science as well as cognitive science.

Programming Languages for Business Problem Solving - Shouhong Wang 2007-11-08

It has become crucial for managers to be computer literate in today's business environment. It is also important that those entering the field acquire the fundamental theories of information systems, the essential practical skills in computer applications, and the desire for life-long learning in information technology. Programming Languages

Conceptual Modeling - ER 2007 - Christine Parent 2007-10-15

This book constitutes the refereed proceedings of the 26th International Conference on Conceptual Modeling, ER 2007. Coverage in the papers includes data warehousing and data mining, design methodologies and tools, information and database integration, information modeling concepts and ontologies, integrity constraints, logical foundations of conceptual modeling, patterns and conceptual meta-modeling, semi-structured data and XML, as well as Web information systems and XML.

InfoWorld - 2004-04-12

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

A Research Agenda for Knowledge Management and Analytics - Jay Liebowitz 2021-01-29

Leveraging the knowledge gained from Knowledge Management and from the growing fields of Analytics and Artificial Intelligence (AI), this Research Agenda highlights the research gaps, issues, applications, challenges and opportunities related to Knowledge Management (KM). Exploring synergies between KM and emerging technologies, leading international scholars and practitioners examine KM from

a multidisciplinary perspective, demonstrating the ways in which knowledge sharing worldwide can be enhanced in order to better society and improve organisational performance.

Integrated Approaches in Information Technology and Web Engineering: Advancing Organizational Knowledge Sharing - Alkhatib, Ghazi I. 2008-11-30

Provides a collection of authoritative articles from distinguished international researchers in information technology and Web engineering.

Managing Global Development Risk - James M. Hussey 2007-11-01

While global sourcing has expanded dramatically in terms of activities, consistent challenges remain for organizations that choose such a business decision. These challenges include maximizing the opportunity afforded by globalization, fully realizing potential gains, and managing the risks inherent to global development. In addition, while companies continue to start or expand their use of global resources, little is being done to help project managers, business analysts, architects, and others succeed in this new environment. Built upon real-world experiences, Managing Global Development Risk provides the tools, techniques, and knowledge necessary to achieve project success with offshore resources. By reading and utilizing the templates within this book, you will acquire: Knowledge of project management principles and their application, Understanding of software development processes and their application , Insight into the diverse personalities within your global development team and the appropriate management and communications style to achieve success. Awareness of cultural issues and mannerisms that will enhance your ability to guide your team To fully realize the benefits of global development, a proper mix of local and offshore resources is essential. This book is an

important tool that can help you gain the necessary competency and expand your skills in this critical area.

Knowledge Management Systems - Ronald Maier 2013-03-20

Information and knowledge have fundamentally transformed the way businesses and social institutions work. Knowledge management promises concepts and instruments that help organizations to create an environment supportive of knowledge creation, sharing and application. Information and communication technologies (ICT) are often regarded as the enabler for knowledge management initiatives. The book presents an almost encyclopedic treatise of the facets, concepts and theories that have influenced knowledge management and the state of practice concerning strategy, organization, systems and economics. The second edition updates the material to cover the most recent developments in ICT-supported knowledge management. The book particularly provides a more in-depth coverage of its theoretical foundation including a new account of knowledge work, discusses the potentials and challenges of process-oriented knowledge management, adds a new chapter on modelling that plays an important role in knowledge management initiatives and contrasts architectures for centralized and distributed or peer-to-peer knowledge management systems.

Uml for Developing Knowledge Management Systems - Anthony J Rhem 2019-08-30

UML for Developing Knowledge Management Systems provides knowledge engineers the framework in which to identify types of knowledge and where this knowledge exists in an organization. It also shows ways in which to use a standard recognized notation to capture, or model, knowledge to be used in a knowledge management system (KMS). This volume enables knowledge engineers,

systems analysts, designers, developers, and researchers to understand the concept of knowledge modeling with Unified Modeling Language (UML). It offers a guide to quantifying, qualifying, understanding, and modeling knowledge by providing a reusable framework that can be adopted for KMS implementation. Following a brief history of knowledge management, the book discusses knowledge acquisition and the types of knowledge that can be discovered within a domain. It offers an overview of types of models and the concepts behind them. It then reviews UML and how to apply UML to model knowledge. The book concludes by defining and applying the Knowledge Acquisition framework via a real-world case study.

Patterns for Performance and Operability - Chris Ford 2007-12-22

Structured to follow the software life cycle, Patterns for Performance and Operability provides advice and examples-based instructions at every phase. You can read it from start to finish or go directly to those chapters that interest you the most. Whatever approach you choose, you will learn: How to: · Define and document comprehensive non-functional requirements for any software system · Define scope and logistics for non-functional test activities · Execute non-functional tests and report results clearly and effectively · Patterns for defensive software designs in common software scenarios that promote operability and availability · Implement the right level of reporting, monitoring, and trending for highly available production software systems Patterns for: · Software designs that support simpler and more efficient operation in a production environment · Software design that support high-performance and scalability Strategies and Techniques for: · Techniques for managing and troubleshooting during a production crisis · Strategies for resisting project pressure to

compromise on quality or completeness of non-functional activities in the software cycle

Digital Technology Advancements in Knowledge Management - Gyamfi, Albert 2021-06-18

Knowledge management has always been about the process of creating, sharing, using, and applying knowledge within and between organizations. Before the advent of information systems, knowledge management processes were manual or offline. However, the emergence and eventual evolution of information systems created the possibility for the gradual but slow automation of knowledge management processes. These digital technologies enable data capture, data storage, data mining, data analytics, and data visualization. The value provided by such technologies is enhanced and distributed to organizations as well as customers using the digital technologies that enable interconnectivity. Today, the fine line between the technologies enabling the technology-driven external pressures and data-driven internal organizational pressures is blurred. Therefore, how technologies are combined to facilitate knowledge management processes is becoming less standardized. This results in the question of how the current advancement in digital technologies affects knowledge management processes both within and outside organizations. Digital Technology Advancements in Knowledge Management addresses how various new and emerging digital technologies can support knowledge management processes within organizations or outside organizations. Case studies and practical tips based on research on the emerging possibilities for knowledge management using these technologies is discussed within the chapters of this book. It both builds on the available literature in the field of knowledge management while providing for further research opportunities in this

dynamic field. This book highlights topics such as human-robot interaction, big data analytics, software development, keyword extraction, and artificial intelligence and is ideal for technology developers, academics, researchers, managers, practitioners, stakeholders, and students who are interested in the adoption and implementation of new digital technologies for knowledge creation, sharing, aggregation, and storage.

Software Testing - Paul C. Jorgensen 2013-05-01

Since the last publication of this international bestseller, software testing has seen a renaissance of renewed interest and technology. The biggest change comes in the growing prominence and acceptance of Agile Programming. Software Testing: A Craftsman's Approach, Third Edition extends the combination of theory and practicality of the first two editions to include agile programming development and discusses the serious effect this emerging area is having on software testing. The third edition of the widely adopted text and reference book is comprised of six parts. It begins by providing the mathematical background in discrete mathematics and linear graph theory that is used in subsequent sections. The book continues to describe specification-based (functional) and code-based (structural) test development techniques, while extending this theoretical approach to less understood levels of integration and system testing. The author further develops this discussion to include object-oriented software. A completely new section relates all of the previously discussed concepts to the agile software development movement and highlights issues such as how agile and XP development environments are radically changing the role of software testers by making testing integral at every phase of the development process. Thoroughly revised and updated, Software Testing: A

Craftsman's Approach, Third Edition is sure to become a standard reference for those who need to stay up-to-date with evolving technologies in software testing. Carrying on the tradition of previous editions, it will continue to serve as a valuable reference for software testers, developers, and engineers.

Joyce in the Belly of the Big Truck; Workbook - Joyce A. Cascio 2005-05

Effective Software Maintenance and Evolution - Stanislaw Jarzabek 2007-05-07

With software maintenance costs averaging 50% of total computing costs, it is necessary to have an effective maintenance program in place. Aging legacy systems, for example, pose an especially rough challenge as veteran programmers retire and their successors are left to figure out how the systems operate. This book explores program analyzers, reverse engineering tools, and reengineering tools in-depth and explains the best ways to deploy them. It also discusses using XML-based tools, the roles of software components, object technology, and metaprogramming in improving systems maintenance, as well as how to align software with business goals through strategic maintenance.

Knowledge Management - Murray E. Jennex 2008-01-01

Provides comprehensive, in-depth coverage of all issues related to knowledge management, including conceptual, methodological, technical, and managerial issues. Presents the opportunities, future challenges, and emerging trends related to this subject.

Software Engineering Foundations - Yingxu Wang 2007-08-09

A groundbreaking book in this field, Software Engineering Foundations: A Software Science Perspective integrates the latest research, methodologies, and their applications into a unified theoretical framework. Based on the author's 30 years of experience, it examines a wide

range of underlying theories from philosophy, cognitive informatics, denota

Knowledge Engineering and Management - A. T. Schreiber 2000

The book covers in an integrated fashion the complete route from corporate knowledge management, through knowledge analysis andengineering, to the design and implementation of knowledge-intensiveinformation systems. The disciplines of knowledge engineering and knowledge management are closely tied. Knowledge engineering deals with the development of information systems in which knowledge and reasoning play pivotal roles. Knowledge management, a newly developed field at the intersection of computer science and management, deals with knowledge as a key resource in modern organizations. Managing knowledge within an organization is inconceivable without the use of advanced information systems; the design and implementation of such systems pose great organization as well as technical challenges. The book covers in an integrated fashion the complete route from corporate knowledge management, through knowledge analysis and engineering, to the design and implementation of knowledge-intensive information systems. The CommonKADS methodology, developed over the last decade by an industry-university consortium led by the authors, is used throughout the book. CommonKADS makes as much use as possible of the new UML notation standard. Beyond information systems applications, all software engineering and computer systems projects in which knowledge plays an important role stand to benefit from the CommonKADS methodology.

Knowledge Retention - Jay Liebowitz 2008-08-14

As baby boomers approach retirement age and the work patterns of younger workers constantly change, many organizations worldwide are

experiencing a far-reaching knowledge bleed. Therefore, it is imperative that organizations find ways to best leverage and retain that vital knowledge before workers leave the organization and attrition occurs. Answers the Call of Businesses Worldwide In light of global workforce changes, many organizations' are faced with a dilemma – how to maintain the right set of people at the right time in order to meet the company's long-term goals and vision. Knowledge Retention: Strategies and Solutions supplies the answer in the form of strategic human capital management. Written by one of the most sought after knowledge management experts, this easy-to-read, concise guide helps companies adopt proven retention strategies and techniques to capture and share knowledge which is otherwise at risk of being lost in transition. The text also discusses key case studies by leading organizations applying knowledge retention strategies. Build Institutional Memory and Social Networks Addresses These Important Questions: How do you know what knowledge is important to capture? What is the best approach to developing a knowledge retention framework? How do you calculate the loss of knowledge? What are the appropriate steps once the damage is assessed? How do you identify knowledge flows and gaps in an organization? Since you never know when someone will retire or move on, the book emphasizes the importance of minimizing business disruption and accelerating competency development. Operating around four key framework pillars – competency, performance, knowledge, and change management – this text demonstrates why a knowledge-retention strategy should be woven into an organization's fabric from day one.

Knowledge Management - 2008

"This is the defining reference source for all theories,

concepts, and methodologies within the KM discipline. It includes chapters on Implementing KM in Organizations; KM Systems Acceptance; KM Communication; Knowledge Representation; Knowledge Sharing; KM Success Models; Knowledge Ontology; and Operational KM, and provides libraries with the defining reference to the field"--Provided by publisher.
ECKM 2002 Third European Conference on Knowledge Managemnt - 2002

Knowledge Management, Organizational Memory and Transfer Behavior: Global Approaches and Advancements - Jennex, Murray E. 2008-12-31
"This book captures an in-depth knowledge base on the most current and useful concepts, applications, and processes relevant to the successful management of knowledge assets"--Provided by publisher.

Six Sigma Software Development, Second Edition - Christine B. Tayntor 2007-03-27
Even though Six Sigma programs have successfully been implemented in practice, many IT departments remain skeptical of the process or are unaware of how the tools can be used to improve system development. Removing the mystique surrounding this technique, Six Sigma Software Development, Second Edition demonstrates how Six Sigma tools and concepts can be used to enhance the system development process. Revised and updated, this second edition clearly explains Six Sigma concepts and their application, maps Six Sigma concepts and tools to all aspects of system development, and proposes the use of Six Sigma tools to evaluate and improve the overall performance of the IT department. In addition to classic Six Sigma, the book introduces Design for Six Sigma (DFSS) and illustrates when and how its tools and techniques can be used to increase the robustness and

reliability of a new system. It also shows how the judicious application of lean tools can reduce the complexity of IT processes, thus shortening the time needed to translate customer requirements into completed systems and increasing customer satisfaction.

Research and Development in Intelligent Systems XVIII - Frans Coenen 2012-12-06

M.A. BRAMER University of Portsmouth, UK This volume comprises the refereed technical papers presented at ES200 l, the Twenty-fIrst SGES International Conference on Knowledge Based Systems and Applied ArtifIcial Intelligence, held in Cambridge in December 200 l, together with an invited keynote paper by Professor Derek Sleeman. The conference was organised by SGES, the British Computer Society Specialist Group on Knowledge Based Systems and Applied ArtifIcial Intelligence. The papers in this volume present new and innovative developments in the fIeld, divided into sections on Machine Learning, Constraint Satisfaction, Agents, Knowledge Representation, Knowledge Engineering, and Intelligent Systems. The refereed papers begin with a paper entitled 'Detecting Mismatches Among Experts' Ontologies Acquired Through Knowledge Elicitation', which describes a systematic approach to the analysis of discrepancies within and among experts' ontologies. This paper was judged to be the best refereed technical paper submitted to the conference. The remaining papers are devoted to topics in important areas such as agents, knowledge engineering, knowledge representation, planning and constraint satisfaction, with machine learning again the largest topic covered in terms of the number of papers accepted for publication. This is the eighteenth volume in the Research and Development series. The Application Stream papers are published as a companion volume under the title Applications and

Innovations in Intelligent Systems IX.

Systems Approaches to Knowledge Management, Transfer, and Resource Development - Lee, W.B. 2012-06-30

The world is moving into a new era of the knowledge economy. In the past decade, the significance of developing knowledge has grown to a level where it is now dominating other socio-economic factors. Systems Approaches to Knowledge Management, Transfer, and Resource Development provides a new view of knowledge management through the lens of systems approach, which looks at each part of the knowledge management system as a section of the full overview. This cutting-edge resource will be essential for academicians, scientists, practitioners, and industry professionals as all of these individuals work toward a new understanding of knowledge and information management practices in the 21st century.

Case-Based Reasoning Research and Development - Rosina O. Weber 2007-08-15

The refereed proceedings of the 7th International Conference on Case-Based Reasoning are presented in this volume. Fifteen full research papers and eighteen poster papers are presented along with three invited talks. The papers address all aspects of case-based reasoning, featuring original theoretical research, applied research, and applications with practical, social, environmental, and economic significance.