Rule Solver Openrules

In the current fast-paced and constantly changing business environment, it is more important than ever for organizations to be agile, monitor business performance, and meet with increasingly stringent compliance requirements. Written by pioneering consultants and bestselling authors with track records of international success, The Decision Model: A Business Logic Framework Linking Business and Technology provides a platform for rethinking how to view, design, execute, and govern business logic. The book explains how to implement the Decision Model, a stable, rigorous model of core business logic that informs current and emerging technology. The authors supply a strong theoretical foundation, while succinctly defining the path needed to incorporate agile and iterative techniques for developing a model that will be the cornerstone for continual growth. Because the book introduces a new model with tentacles in many disciplines, it is divided into three sections: Section 1: A Complete overview of the Decision Model and its place in the business and technology world Section 2: A Detailed treatment of the foundation of the Decision Model and a formal definition of the Model Section 3: Specialized topics of interest on the Decision Model, including both business and technical issues The Decision Model provides a framework for organizing business rules into well-formed decision-based structures that are predictable, stable, maintainable, and normalized. More than this, the Decision Model directly correlates business logic to the business drivers behind it, allowing it to be used as a lever for meeting changing business objectives and marketplace demands. This book not only defines the Decision Model and but also demonstrates how it can be used to organize decision structures for maximum stability, agility, and technology independence and provide input into automation design.

The precautionary principle, the polluters pay principle, and similar principles have become embedded in the language of contemporary environment policy. In this important new study, leading European experts in environmental law consider the legal significance of such environmental principles, both in jurisprudential theory and in practice before the courts. The development of the principles within the European Treaty is considered as well as the approach of the European Court of Justice to their interpretation. But it is the interpretation of environmental principles in front of national courts within Europe that forms the heart of the study, with chapters covering a number of the key Europe jurisdictions. The study, the first of its kind, presents a dynamic picture of environmental case law across Europe.

This book constitutes the refereed proceedings of the 8th International Conference on Artificial General Intelligence, AGI 2015, held in Berlin, Germany in July 2015. The 41 papers were carefully reviewed and selected from 72 submissions. The AGI conference series has played and continues to play, a significant role in this resurgence of research on artificial intelligence in the deeper, original sense of the term of “artificial intelligence”. The conferences encourage interdisciplinary research based on different understandings of intelligence and exploring different approaches. AGI research differs from the ordinary AI research by stressing on the versatility and wholeness of intelligence and by carrying out the engineering practice according to an outline of a system comparable to the human mind in a certain sense.

The global order is shifting. Even though no major war has intervened to reshape the architecture of the international order, the global financial crisis has accentuated the emergence of an enlarged global leadership. It is clear that change is afoot. The United States may be hanging on as the world's leading power, as the European Union remains an independent force in global politics, but a host of rising states—including China, India, and Brazil—clamor to be heard and take on bigger roles in world forums. Rising States, Rising Institutions features a panel of distinguished scholars who examine the forces at work: Gregory Chin (York University), Daniel W. Drezner (Tufts University), Thomas Hale (Princeton University), Andrew Hurrell (Oxford University), G. John Ikenberry (Princeton University), John Kirton (University of Toronto), Flynt Leverett (New America Foundation), Steven E. Miller (Harvard University), Andrew Moravcsik (Princeton University), Amrita Narlikar (Cambridge University), and Anne-Marie Slaughter (U.S. State Department). Together they analyze different models of international cooperation, the states that have most actively challenged the existing order, and leading and emergent international institutions such as the G-20, the nascent regime for sovereign wealth funds, the International Atomic Energy Agency, and the entities organized to foster cooperation in the war on terror.

The Semantic Web: Research and Applications

New Trends in Software Methodologies, Tools and Techniques

Principles and Practice of Constraint Programming - CP 2010

Documents, Data and Advanced Web Technologies

Rules and Reasoning

Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems

This volume focuses on smart medical and healthcare systems (modern intelligent systems for medicine and healthcare) and includes 31 papers presenting recent trends and innovations in medicine and healthcare, including biomedical engineering research and technologies; machine learning and labeling for biomedical visual data analysis and understanding; advanced ICT for medicine and healthcare; and healthcare support systems. Innovation in medicine and healthcare is an interdisciplinary research area, which combines advanced technologies and problem-solving skills with medical and biological science, and smart medical and healthcare systems can provide efficient and accurate solution to problems faced by healthcare and medical practitioners today by using advanced information communication techniques, computational intelligence, mathematics, robotics and other advanced technologies. Discussing the techniques developed in this area, which will have a significant effect on future medicine and healthcare, the book is a valuable resource for researchers, students, engineers, and professionals working in the fields of medical systems, medical technology, and intelligent systems.

The first woman in American history to serve in both houses of a state legislature and both houses of Congress describes how to dissolve the polarization afflicting the current American government and unite both parties to work for the common good.

This book constitutes the proceedings of the International Joint Conference on Rules and Reasoning, RuleML+RR 2020, held in Oslo, Norway, during June-July 2020*. This is the 4th conference of a new series, joining the efforts of two existing conference series, namely “RuleML” (International Web Rule Symposium) and “RR” (Web Reasoning and Rule Systems). The 7 full research papers presented together with 6 short technical communications papers were carefully reviewed and selected from 30 submissions. *The conference was held virtually due to the COVID-19 pandemic.

This book constitutes the refereed proceedings of the 8th International RuleML Symposium, RuleML 2014, co-located with the 21st European Conference on Artificial Intelligence, ECAI 2014, held in Prague, Czech Republic, in August 2014. The 17 full and 6 short papers presented together with 3 keynote talks were carefully reviewed and selected from 48 submissions. The papers cover the following topics: semantic web rule languages and standards, rule engines, formal and operational semantics and rule-based systems, the relation between natural language and rules, automation of business rules generation from existing data, and aspects related to legal rules and norms for web and corporate environments.

Build Android-Based Smart Applications

A Business Logic Framework Linking Business and Technology

Background Materials

Can America Govern Itself?

European Conference, AmI 2014, Eindhoven, The Netherlands, November 11-13, 2014. Revised Selected Papers

Rising States, Rising Institutions

8th International Symposium, RuleML 2014, Co-located with the 21st European Conference on Artificial Intelligence, ECAI 2014, Prague, Czech Republic, August 18-20, 2014, Proceedings

Nowadays Business Decision Modeling is one of the major technological and methodological approaches that support decision-making processes across a wide range of business problems from loan origination and insurance underwriting to clinical guidelines and product recommendations. Business decision modeling is oriented to subject matter experts who build and maintain operational decision models incorporated into modern enterprise architectures.This guide explains how to create and maintain operational decision models for your own business environment in a step-by-step easy to understand style. It consists of a series of dialog-sessions in which an AUTHOR explains major concepts and a READER asks questions and implements the concepts. As a result, you will participate in building complete decision models being able to learn practical decision modeling techniques by example. Starting with a simple decision model, you will learn how to represent more complex decision logic using more and more complex examples. You will end up with a deep understanding of practical decision modeling methods and even learn how to build and use domain-specific libraries of decision models. The guide is based on the Goal-Oriented Approach that provides an intuitive and simple way for building decision models. Starting with high-level business goals and subgoals, you will be able to represent their business logic using Excel-based decision tables, to create and execute test cases, and to analyze produced decisions. The guide is accompanied by open source software commonly known as "OpenRules." Along with the software, you will be able to download, execute and analyze all considered decision models yourself directly in Excel. You can make changes in any provided decision model or create and execute your own decision models. http: //OpenRules.com/Book.htm

Considers (102) H. Con. Res. 192.

The book focuses on original approaches intended to support the development of biologically inspired cognitive architectures. It bridges together different disciplines, from classical artificial intelligence to linguistics, from neuro- and social sciences to design and creativity, among others. The chapters, based on contributions presented at the Ninth Annual Meeting of the BICA Society, held in on August 23-24, 2018, in Prague, Czech Republic, discuss emerging methods, theories and ideas towards the realization of general-purpose humanlike artificial intelligence or fostering a better understanding of the ways the human mind works. All in all, the book provides engineers, mathematicians, psychologists, computer scientists and other experts with a timely snapshot of recent research and a source of inspiration for future developments in the broadly intended areas of artificial intelligence and biological inspiration.

This book provides original, diverse, and timely insights into the nature, scope, and implications of Artificial Intelligence (AI), especially machine learning and natural language processing, in relation to contracting practices and contract law. The chapters feature unique, critical, and in-depth analysis of a range of topical issues, including how the use of AI in contracting affects key principles of contract law (from formation to remedies), the implications for autonomy, consent, and information asymmetries in contracting, and how AI is shaping contracting practices and the laws relating to specific types of contracts and sectors. The contributors represent an interdisciplinary team of lawyers, computer scientists, economists, political scientists, and linguists from academia, legal practice, policy, and the technology sector. The chapters not only engage with salient theories from different disciplines, but also examine current and potential real-world applications and implications of AI in contracting and explore feasible legal, policy, and technological responses to address the challenges presented by AI in this field. The book covers major common and civil law jurisdictions, including the EU, Italy, Germany, UK, US, and China. It should be read by anyone interested in the complex and fast-evolving relationship between AI, contract law, and related areas of law such as business, commercial, consumer, competition, and data protection laws.

Third International Joint Conference, RuleML+RR 2019, Bolzano, Italy, September 16–19, 2019, Proceedings

11th International Andrei P. Ershov Informatics Conference, PSI 2017, Moscow, Russia, June 27-29, 2017, Revised Selected Papers

Rule-Based Modeling and Computing on the Semantic Web

Proceedings of the 5th KES International Conference on Innovation in Medicine and Healthcare (KES-InMed 2017)

Artificial Intelligence: What Everyone Needs to Know

The Chess Mysteries of Sherlock Holmes

16th International Conference, CP 2010, St. Andrews, Scotland, September 6-10, 2010, Proceedings

Join Holmes and Watson as they examine interrupted games to deduce prior moves. A series of increasingly complex chess mysteries culminates in a double murder perpetrated by Professor Moriarty. The master sleuth instructs his companion (and us) in the intricacies of retrograde analysis; readers need only a knowledge of how the pieces move.

The 16th annual International Conference on the Principles and Practice of Constraint Programming (CP 2010) was held in St. Andrews, Scotland, during September 6–10, 2010. We would like to thank our sponsors for their generous support of this event. This conference is concerned with all aspects of computing with constraints, including:theory,algorithms,applications,environments,languages,modelsand systems. We received a wide variety of submissions, each of which was reviewed by at least three referees. Referees were chosen for each submission by an initial bidding process where Program Committee members chose papers from their area of interest. The range of expertise represented by the large Program C- mittee meant that almost all submissions were reviewed by subject experts on the Program Committee, or by colleagues chosen by members of the Program Committee for their particular expertise. Papers weresolicitedeither as long (15 page), or short (8 page) submissions. Short-paper submissions were refereed to exactly the same high standards as long-paper submissions but naturally were expected to contain a smaller quantity of new material. Thus there is no disti- tion in these proceedings between short and long papers. I used the excellent EasyChair conference management system to support this process of reviewing, and for the collation and organization of these proceedings. Submissions were made either to the applications track or to the research track. Therewere101(23short)researchtracksubmissionsofwhich36(8short) wereaccepted,whichisa36%(35%ofshort)acceptancerate. Applicationstrack submissions received special consideration and the acceptance rate was sign- cantly higher than for the research track.

Globalization of legal traffic and the inherent necessity of having to litigate in foreign courts or to enforce judgments in other countries considerably complicate civil proceedings due to great differences in civil procedure. This may consequently jeopardize access to justice. This triggers the debate on the need for harmonization of civil procedure. In recent years, this debate has gained in importance because of new legislative and practical developments both at the European and the global level. This book discusses the globalization and harmonization of civil procedure from the angles of legal history, law and economics and (European) policy. Attention is paid to the interaction with private law and private international law, and European and global projects that aim at the harmonization of civil procedure or providing guidelines for fair and efficient adjudication. It further includes contributions that focus on globalization and harmonization of civil procedure from the viewpoint of eight different jurisdictions. This book is an unique combination of theory and practice and valuable for academic researchers in the area of civil procedure, private international law, international law as well as policy makers (national and EU), lawyers, judges and bailiffs.

The study of the presidency□the power of the office, the evolution of the executive as an institution, the men who have served□has generated a great body of research and scholarship. What better way to get students to grapple with the ideas of the literature than through conflicting perspectives on some of the most pivotal issues facing the modern presidency? Richard Ellis and Michael Nelson have once again assembled a cadre of top scholars to offer a series of pro/con essays that will inspire spirited debate beyond the pages of the book. Each essay□written in the form of a debate resolution□ offers a compelling yet concise view on the American executive.

Ambient Intelligence

Rules on the Web: From Theory to Applications

An Interpretation and Defence

The Idea of a Pure Theory of Law

Develop Rules-based Business Logic Using the Drools Platform

4th International Joint Conference, RuleML+RR 2020, Oslo, Norway, June 29 – July 1, 2020, Proceedings

The Decision Model

A core American politics textbook, complete with a range of free teaching ancillaries The American political system is extraordinary and complex. Samuel Kernell and Gary Jacobson help students develop a sophisticated appreciation of the possibilities and limits of American politics. Encouraged to think and not merely to memorise facts, students will come to understand why political institutions, the politicians who occupy them, and the citizens who monitor and respond to their actions, behave as they do. A nation as large and diverse as the United States faces enormous challenges. Kernell and Jacobson analyse political institutions and practices as (imperfect) solutions to problems facing people who need to act collectively, highlighting throughout the text such obstacles as conflicts over values and interests, the difficulty of agreeing on a course of action, and the problem of free riding. They describe how the choices made to resolve such problems at one moment affect politics in the future, long after the problems have faded.The intelligible logic of American politics is analysed further in three sets of thematic boxes that appear throughout the text: The Logic of Politics boxes dissect the design of various political institutions in light of the objectives they were intended to achieve Strategy and Choice boxes, new to the second edition, show how officeholders and those seeking to influence them employ institutions to advance their goals. Politics to Policy boxes show how public policies reflect the institutions that produce them and evaluate institutional capacity to solve America's problems. Public policy is treated as an integral subject and is examined throughout the book, rather than in separate chapters that are often left unassigned. Politics into Policy boxes, in particular, extend the authors' analysis, looking at such issues as: the tightening of the borders in the wake of terrorists attacks, how smoking evolved from a private to a public issue, and the decades-long battle over campaign finance reform.Special features include: * Chapters open with lively and topical stories that draw students in* Thematic questions at the beginning of each chapter serve both to preview important themes and to get students thinking critically. * An abundance of carefully produced or selected tables, figures, photographs, and other visuals, thoroughly updated for the second edition, illustrate and expand on the text. Captions enrich or exemplify points of discussion. New exercises on the accompanying website help students learn to interpret the graphic presentation of data. * Key terms are defined in boldface on first use, summarized at chapter end (with page numbers), and defined in a glossary at the back of the book. * Chapter objectives, summaries, and electronically-graded quizzes to help students review and study the material are offered on the web at logic.cqpress.com. Annotated suggested readings lists and endnotes assist students in their exploration of American politics beyond the pages of the book. Additionally, the Logic website provides CQ Weekly articles that illustrate the logic in contemporary American politics, as well as links to the best relevant sites on the Internet.Adopters will receive a free subscription to CQ's Politics Daily e-newsletter. Unlike general news sources that focus on national polls and punditry, CQ Politics Daily analyses th

This book discusses the evolution of future-generation technologies through the Internet of things, bringing together all the related technologies on a single platform to offer valuable insights for undergraduate and postgraduate students, researchers, academics and industry practitioners. The book uses data, network engineering and intelligent decision- support system-by-design principles to design a reliable IoT-enabled ecosystem and to implement cyber-physical pervasive infrastructure solutions. It takes readers on a journey that begins with understanding the insight paradigm of IoT-enabled technologies and how it can be applied. It walks readers through engaging with real-time challenges and building a safe infrastructure for IoT-based, future-generation technologies. The book helps researchers and practitioners to understand the design architecture through IoT and the state of the art in IoT countermeasures. It also highlights the differences between heterogeneous platforms in IoT-enabled infrastructure and traditional ad hoc or infrastructural networks, and provides a comprehensive discussion on functional frameworks for IoT, object identification, IoT domain model, RFID technology, wearable sensors, WBAN, IoT semantics, knowledge extraction, and security and privacy issues in IoT-based ecosystems. Written by leading international experts, it explores IoT-enabled insight paradigms, which are utilized for the future benefit of humans. It also includes references to numerous works. Divided into stand-alone chapters, this highly readable book is intended for specialists, researchers, graduate students, designers, experts, and engineers involved in research on healthcare-related issues.

Recipient of a 2021 McGuffey Longevity Award from the Textbook & Academic Authors Association (TAA) Why does the American political system work the way it does? Find the answers in The Logic of American Politics. This best-selling text arms students with a toolkit of institutional design concepts—command, veto, agenda control, voting rules, and delegation—that help them recognize how the American political system was designed and why it works the way it does. The authors build students′ critical thinking through a simple yet powerful idea: politics is about solving collective action problems. Thoroughly updated to account for the most recent events and data, the Ninth Edition explores the increase in political polarization, the growing emotional involvement people have to politics, Americans’ reactions to changing demographics, the partisan politics of judicial selection, and the changing nature of presidential leadership. Revised to include the 2018 election results and analysis, this edition provides students with the tools they need to make sense of today’s government. A Complete Teaching and Learning Package SAGE Premium Video Included in the interactive eBook! SAGE Premium Video boosts comprehension and bolsters analysis— featuring animations of basic American government concepts and recent news clips connected to key topics in the book. Preview a video about voter turnout. Interactive eBook Includes access to SAGE Premium Video, multimedia tools, and much more! Save when you bundle the interactive eBook with the new edition. Order using bundle ISBN 978-1-5443-6664-7. Learn more. SAGE coursepacks FREE! Easily import our quality instructor and student resources content into your school's learning management system (LMS) and save time. Learn more. SAGE edge FREE online resources for students to make learning easier. See how your students benefit. SAGE course outcomes: Measure Results, Track Success Outlined in your text and mapped to chapter learning objectives, SAGE course outcomes are crafted with specific course outcomes in mind and are vetted by advisors in the field. See how SAGE course outcomes tie in with this book’s chapter-level objectives at edge.sagepub.com/kernell9e. CQ Press Lecture Spark Designed to save you time and ignite student engagement, these free weekly lecture launchers focus on current event topics tied to key concepts in American government. Access this week’s topic.

Game theory is the mathematical analysis of strategic interaction. In the fifty years since the appearance of von Neumann and Morgenstern's classic Theory of Games and Economic Behavior (Princeton, 1944), game theory has been widely applied to problems in economics. Until recently, however, its usefulness in political science has been underappreciated, in part because of the technical difficulty of the methods developed by economists. James Morrow's book is the first to provide a standard text adapting contemporary game theory to political analysis. It uses a minimum of mathematics to teach the essentials of game theory and contains problems and their solutions suitable for advanced undergraduate and graduate students in all branches of political science. Morrow begins with classical utility and game theory and ends with current research on repeated games and games of incomplete information. The book focuses on noncooperative game theory and its application to international relations, political economy, and American and comparative politics. Special attention is given to models of four topics: bargaining, legislative voting rules, voting in mass elections, and deterrence. An appendix reviews relevant mathematical techniques. Brief bibliographic essays at the end of each chapter suggest further readings, graded according to difficulty. This rigorous but accessible introduction to game theory will be of use not only to political scientists but also to psychologists, sociologists, and others in the social sciences.

How We Can Fix the Stalemate in Congress

Drools JBoss Rules 5.0 Developer's Guide

Artificial General Intelligence

Supplemental Information Provided to Members of the Joint Committee on the Organization of Congress

Goal-Oriented Decision Modeling with Openrules: A Practical Guide for Development of Operational Business Decision Models Using Openrules and Excel

Positive Theories of Congressional Institutions

Challenges for Global Governance

Build smart applications using cutting-edge technologies such as rules engines, code automation frameworks, and natural language processing (NLP). This book provides step-by-step instructions on how to port nine rules engines (CLIPS, JRuleEngine, DTRules, Zilonis, TermWare, Roolie, OpenRules, JxBRE, and JEOPS) to the Android platform. You’ll learn how to use each rules engine to build a smart application with sample code snippets so that you can get started with programming smart applications immediately. Build Android-Based Smart Applications also describes porting issues with other popular rules engines (Drools, JLisa, Take, and Jess). This book is a step-by-step guide on how to generate a working smart application from requirement specifications. It concludes by showing you how to generate a smart application from unstructured knowledge using the Stanford POS (Part of Speech) tagger NLP framework. What You Will Learn Evaluate the available rules engines to see which rules engine is best to use for building smart applications Build smart applications using rules engines Create a smart application using NLP Automatically generate smart application from requirement specifications Who This Book Is For Android and web developers with some experience.

This book constitutes the refereed proceedings of the 5th International Joint Conference of Ambient Intelligence, AmI 2014, held in Eindhoven, The Netherlands, in November 2014. The 21 revised full papers presented together with 5 short papers and 4 workshop papers were carefully reviewed and selected from 59 submissions. The papers are organized along a set of thematic tracks: ambient assisted living; internet of things; ambient play and learning; smart buildings and cities; intelligent driving; data science; smart healthcare and healing environments; ambient persuasion; and new and emerging themes.

Essays on the Doctrinal Study of Law is a summary of the author’s 40 years of research in the fields of civil law and the philosophy of law. The main focus is on the two main tasks in the doctrinal study of law: the interpretation and systematisation of legal norms. In this regard, Professor Aarnio deals with the theory of argumentation as well as with its foundations - i.e., with the ontology, epistemology and methodology of legal thinking - and develops the ideas that were first presented in The Rational as Reasonable (Kluwer 1987) in all of these dimensions. The work includes an updated discussion on the writings of Robert Alexy, Jûrgen Habermas, Ronald Dworkin and Alf Ross. A focal point of view concerns the distinction between positivism and non-positivism, in which the core of the criticism focuses on Scandinavian realism.

This is a problem-solution guide that starts with an introduction to a problem and continues with a discussion of the possible solution. The book covers best practices when working with Drools. The examples and their solutions are accompanied by plenty of code listings and figures providing a better view of the problem. The book is for Java developers who want to create rules-based business logic using the Drools platform. Basic knowledge of Java is essential.

3rd European Semantic Web Conference, ESWC 2006, Budva, Montenegro, June 11-14, 2006, Proceedings

Conflicting Perspectives on the American Executive

The Logic of American Politics and Logic of American Politics in Wartime Pkg.

AI 2021: Advances in Artificial Intelligence

Testimony of Former Senator Abraham A. Ribicoff and a Panel of Academic Experts : Hearing Before the Joint Committee on the Organization of Congress, One Hundred Third Congress, First Session ... February 16, 1993

6th International Conference, CPAIOR 2009 Pittsburgh, PA, USA, May 27-31, 2009 Proceedings

5th International Symposium, RuleML 2011 - America, Ft. Lauderdale, FL, USA, November 3-5, 2011, Proceedings

This book constitutes the proceedings of the International Joint Conference on Rules and Reasoning, RuleML+RR 2019, held in Bolzano, Italy, during September 2019. This is the third conference of a new series, joining the efforts of two existing conference series, namely “RuleML” (International Web Rule Symposium) and “RR” (Web Reasoning and Rule Systems). The 10 full research papers presented together with 5 short technical communications papers were carefully reviewed and selected from 26 submissions.

Software is the essential enabling means for science and the new economy. It helps us to create a more reliable, flexible and robust society. But software often falls short of our expectations. Current methodologies, tools, and techniques remain expensive and are not yet sufficiently reliable, while many promising approaches have proved to be no more than case-by-case oriented methods. This book contains extensively reviewed papers from the eleventh International Conference on New Trends in software Methodology, Tools and Techniques (SoMeT_12), held in Genoa, Italy, in September 2012. The conference provides an opportunity for scholars from the international research community to discuss and share research experiences of new software methodologies and techniques, and the contributions presented here address issues ranging from research practices and techniques and methodologies to proposing and reporting solutions for global world business. The emphasis has been on human-centric software methodologies, end-user development techniques and emotional reasoning, for an optimally harmonized performance between the design tool and the user.Topics covered include the handling of cognitive issues in software development to adapt it to the user's mental state and intelligent software design in software utilizing new aspects on conceptual ontology and semantics reflected on knowledge base system models. This book provides an opportunity for the software science community to show where we are today and where the future may take us.

Artificial Intelligence is already impacting our lives, lifts can find out whether doorway is blocked and warn people to move away from the door, fridge can warn people when supplies are running out, car can warn people if door is not locked, etc. In near future, man and machines powered by artificial intelligence would work together and co-create a super smart society. In this book, we cover two important aspects of Artificial Intelligence: How to build artificially intelligent mobile applications? How to use artificial intelligence to automate "knowledge management" in an organization? We start with simple examples and build working prototypes to show how "Artificial Intelligence" can be complement us in our daily to daily activity.

Electronic business is a major force shaping the digital world. Yet, despite of years of research and standardization efforts, many problems persist that prevent e-business from achieving its full potential. Problems arise from different data vocabularies, classification schemas, document names, structures, exchange formats and their varying roles in business processes. Non-standardized business terminology, lack of common acceptable and understandable processes (grammar), and lack of common dialog rules (protocols) create barriers to improving electronic business processes. Handbook of Research on E-Business Standards and Protocols: Documents, Data and Advanced Web Technologies contains an overview of new achievements in the field of e-business standards and protocols, offers in-depth analysis of and research on the development and deployment of cutting-edge applications, and provides insight into future trends. This book unites new research that promotes harmony and agreement in business processes and attempts to choreograph business protocols and orchestrate semantic alignment between their vocabularies and grammar. Additionally, this Handbook of Research discusses new approaches to improving standards and protocols, which include the use of intelligent agents and Semantic Web technology.

Principles of Internet of Things (IoT) Ecosystem: Insight Paradigm

Handbook of Research on E-Business Standards and Protocols: Documents, Data and Advanced Web Technologies

Ethics Process

Innovation in Medicine and Healthcare 2017

Using Rules Engines, NLP and Automation Frameworks

Dmn in Action with Openrules: A Practical Guide for Development of Business Rules and Decision Management Applications Using Decision Model and Nota

Principles of European Environmental Law

This book constitutes the refereed proceedings of the 11th International Andrei P. Ershov Informatics Conference, PSI 2017, held in Moscow, Russia, in June 2017. The 31 full papers presented in this volume were carefully reviewed and selected from 57 submissions. The papers cover various topics related to the foundations of program and system development and analysis, programming methodology and software engineering and information technologies.

Rule-Based Modeling and Computing on the Semantic Web5th International Symposium, RuleML 2011 - America, Ft. Lauderdale, FL, USA, November 3-5, 2011, ProceedingsSpringer

A comparison of rational choice models of Congress

This book constitutes the refereed proceedings of the International RuleML Symposium, RuleML 2011-America, held in Fort Lauderdale, FL, USA, in November 2011 - collocated with the 22nd International Joint Conference on Artificial Intelligence, IJCAI 2011. It is the second of two RuleML events that take place in 2011.

The first RuleML Symposium, RuleML 2011-Europe, has been held in Barcelona, Spain, in July 2011. The 12 full papers, 5 short papers and 5 invited track and position papers presented together with 3 keynote speeches were carefully reviewed and selected from numerous submissions. The accepted papers address a wide range of rules, semantic technology, and cross-industry standards, rules and automated reasoning, rule-based event processing and reaction rules, vocabularies, ontologies and business rules, cloud computing and rules, clinical semantics and rules.

Contracting and Contract Law in the Age of Artificial Intelligence

Civil Litigation in a Globalising World

Essays on the Doctrinal Study of Law

Debating the Presidency

B061355, Appellant's Reply

The Logic of American Politics

California. Court of Appeal (2nd Appellate District). Records and Briefs

tutorial speakers for their e?orts. We also thank the tutorial chair Gilles Pesant for his help in organizing this event.

Would you like to know how a rules-based decision model can be constructed by a non-programmer? Do you plan to build an operational decision model for your own business environment? This guide explains how to do it in a step-by-step easy to understand style. It consists of a series of dialog-sessions in which an AUTHOR explains basic concepts and a READER asks questions and implements the concepts. As a result, you will participate in building complete decision models being able to learn practical decision modeling techniques by example. The guide is based on the Decision Model and Notation (DMN) Standard and utilizes the popular open source system commonly known as "OpenRules." The guide is accompanied by open source software which allows the reader to download and analyze all considered decision models. The reader can make changes in any provided decision model or write a new one using only MS Excel. Then the reader may execute a modified decision model and analyze the produced results. www.DMNinACTION.com

Can America Govern Itself? brings together a diverse group of distinguished scholars to analyze how rising party polarization and economic inequality have affected the performance of American governing institutions. It is organized around two themes: the changing nature of representation in the United States; and how changes in the political environment have affected the internal processes of institutions, overall government performance, and policy outcomes. The chapters in this volume analyze concerns about power, influence and representation in American politics, the quality of deliberation and political communications, the management and implementation of public policy, and the performance of an eighteenth century constitution in today's polarized political environment. These renowned scholars provide a deeper and more systematic grasp of what is new, and what is perennial in challenges to democracy at a fraught moment.

Most contemporary legal philosophers tend to take force to be an accessory to the law. According to this prevalent view the law primarily consists of a series of demands made on us; force, conversely, comes into play only when these demands fail to be satisfied. This book claims that this model should be jettisoned in favour of a radically different one: according to the proposed view, force is not an accessory to the law but rather its attribute. The law is not simply a set of rules incidentally guaranteed by force, but it should be understood as essentially rules about force. The book explores in detail the nature of this claim and develops its corollaries. It then provides an overview of the contemporary jurisprudential debates relating to force and violence, and defends its claims against well-known counter-arguments by Hart, Raz and others. This book offers an innovative insight into the concept of Pure Theory. In contrast to what was claimed by Hans Kelsen, the most eminent contributor to this theory, the author argues that the core insight of the Pure Theory is not to be found in the concept of a basic norm, or in the supposed absence of a conceptual relation between law and morality, but rather in the fundamental and comprehensive reformulation of how to model the functioning of the law intended as an ordering of force and violence.

Biologically Inspired Cognitive Architectures 2018

Proceedings of the Ninth Annual Meeting of the BICA Society

Cameroon, Nigeria, and Kenya

Proceedings of the Eleventh SoMeT%5F12

Fifty Tantalizing Problems of Chess Detection

8th International Conference, AGI 2015, AGI 2015, Berlin, Germany, July 22-25, 2015, Proceedings

Perspectives of System Informatics

This book constitutes the refereed proceedings of the 3rd European Semantic Web Conference, ESWC 2006. The book presents 48 revised full papers with abstracts of 3 invited talks. The papers are organized in topical sections on ontology alignment, engineering, evaluation, evolution and learning, rules and reasoning, searching and querying, semantic annotation, semantic web mining and personalisation, semantic web services, semantic wiki and blogging, as well as trust and policies.

Game Theory for Political Scientists

34th Australasian Joint Conference, AI 2021, Sydney, NSW, Australia, February 2–4, 2022, Proceedings

The International Law on Foreign Investments and Host Economies in Sub-Saharan Africa

Fighting for Common Ground