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PERSPECTIVES ON ONTOLOGY LEARNING

IOS Press **Perspectives on Ontology Learning** brings together researchers and practitioners from different communities – natural language processing, machine learning, and the semantic web – in order to give an interdisciplinary overview of recent advances in ontology learning. Starting with a comprehensive introduction to the theoretical foundations of ontology learning methods, the edited volume presents the state-of-the-start in automated knowledge acquisition and maintenance. It outlines future challenges in this area with a special focus on technologies suitable for pushing the boundaries beyond the creation of simple taxonomical structures, as well as on problems specifically related to knowledge modeling and representation using the Web Ontology Language. **Perspectives on Ontology Learning** is designed for researchers in the field of semantic technologies and developers of knowledge-based applications. It covers various aspects of ontology learning including ontology quality, user interaction, scalability, knowledge acquisition from heterogeneous sources, as well as the integration with ontology engineering methodologies.

ADVANCES IN INTERDISCIPLINARY ENGINEERING

SELECT PROCEEDINGS OF FLAME 2018

This book presents select proceedings of the International Conference on Future Learning Aspects of Mechanical Engineering (FLAME 2018). The book discusses interdisciplinary areas such as automobile engineering, mechatronics, applied and structural mechanics, bio-mechanics, biomedical instrumentation, ergonomics, biodynamic modeling, nuclear engineering, agriculture engineering, and farm machineries. The contents of the book will benefit both researchers and professionals.

ECAI 2020

24TH EUROPEAN CONFERENCE ON ARTIFICIAL INTELLIGENCE, 29 AUGUST-8 SEPTEMBER 2020, SANTIAGO DE COMPOSTELA, SPAIN - INCLUDING 10TH CONFERENCE ON PRESTIGIOUS APPLICATIONS OF ARTIFICIAL INTELLIGENCE (PAIS 2020)

IOS Press **This book** presents the proceedings of the 24th European Conference on Artificial Intelligence (ECAI 2020), held in Santiago de Compostela, Spain, from 29 August to 8 September 2020. The conference was postponed from June, and much of it conducted online due to the COVID-19 restrictions. The conference is one of the principal occasions for researchers and practitioners of AI to meet and discuss the latest trends and challenges in all fields of AI and to demonstrate innovative applications and uses of advanced AI technology. The book also includes the proceedings of the 10th Conference on Prestigious Applications of Artificial Intelligence (PAIS 2020) held at the same time. A record number of more than 1,700 submissions was received for ECAI 2020, of which 1,443 were reviewed. Of these, 361 full-papers and 36 highlight papers were accepted (an acceptance rate of 25% for full-papers and 45% for highlight papers). The book is divided into three sections: ECAI full papers; ECAI highlight papers; and PAIS papers. The topics of these papers cover all aspects of AI, including Agent-based and Multi-agent Systems; Computational Intelligence; Constraints and Satisfiability; Games and Virtual Environments; Heuristic Search; Human Aspects in AI; Information Retrieval and Filtering; Knowledge Representation and Reasoning; Machine Learning; Multidisciplinary Topics and Applications; Natural Language Processing; Planning and Scheduling; Robotics; Safe, Explainable, and Trustworthy AI; Semantic Technologies; Uncertainty in AI; and Vision. The book will be of interest to all those whose work involves the use of AI technology.

HCI INTERNATIONAL 2020 - POSTERS

22ND INTERNATIONAL CONFERENCE, HCII 2020, COPENHAGEN, DENMARK, JULY 19-24, 2020, PROCEEDINGS, PART I

Springer Nature **The three-volume set CCIS 1224, CCIS 1225, and CCIS 1226** contains the extended abstracts of the posters presented during the 22nd International Conference on Human-Computer Interaction, HCII 2020, which took place in Copenhagen, Denmark, in July 2020.* HCII 2020 received a total of 6326 submissions, of which 1439 papers and 238 posters were accepted for publication in the pre-conference proceedings after a careful reviewing process. The 238 papers presented in these three volumes are organized in topical sections as follows: Part I: design and evaluation methods and tools; user characteristics, requirements and preferences; multimodal and natural interaction; recognizing human psychological states; user experience studies; human perception and cognition. -AI in HCI. Part II: virtual, augmented and mixed reality; virtual humans and motion modelling and tracking; learning technology. Part III: universal access, accessibility and design for the elderly; smartphones, social media and human behavior; interacting with cultural heritage; human-vehicle interaction; transport, safety and crisis management; security, privacy and trust; product and service design. *The conference was held virtually due to the COVID-19 pandemic.

MAKING THE MEDIEVAL RELEVANT

HOW MEDIEVAL STUDIES CONTRIBUTE TO IMPROVING OUR UNDERSTANDING OF THE PRESENT

Walter de Gruyter GmbH & Co KG **When scholars** discuss the medieval past, the temptation is to become immersed there, to deepen our appreciation of the nuances of the medieval sources through debate about their meaning. But the past informs the present in a myriad of ways and medievalists can, and should, use their research to address the concerns and interests of contemporary society. This volume presents a number of carefully commissioned essays that demonstrate the fertility and originality of recent work in Medieval Studies. Above all, they have been selected for relevance. Most contributors are in the earlier stages of their careers and their approaches clearly reflect how interdisciplinary methodologies applied to Medieval Studies have potential repercussions and value far beyond the boundaries of the Middle Ages. These chapters are powerful demonstrations of the value of medieval research to our own times, both in terms of providing answers to some of the specific questions facing humanity today and in terms of much broader considerations. Taken together, the research presented here also provides readers with confidence in the fact that Medieval Studies cannot be neglected without a great loss to the understanding of what it means to be human.

INTRODUCTION TO SEMI-SUPERVISED LEARNING

Morgan & Claypool Publishers **Semi-supervised learning** is a learning paradigm concerned with the study of how computers and natural systems such as humans learn in the presence of both labeled and unlabeled data. Traditionally, learning has been studied either in the unsupervised paradigm (e.g., clustering, outlier detection) where all the data are unlabeled, or in the supervised paradigm (e.g., classification, regression) where all the data are labeled. The goal of semi-supervised learning is to understand how combining labeled and unlabeled data may change the learning behavior, and design algorithms that take advantage of such a combination. Semi-supervised learning is of great interest in machine learning and data mining because it can use readily available unlabeled data to improve supervised learning tasks when the labeled data are scarce or expensive. Semi-supervised learning also shows potential as a quantitative tool to understand human category learning, where most of the input is self-evidently unlabeled. In this introductory book, we present some popular semi-supervised learning models, including self-training, mixture models, co-training and multiview learning, graph-based methods, and semi-supervised support vector machines. For each model, we discuss its basic mathematical formulation.

The success of semi-supervised learning depends critically on some underlying assumptions. We emphasize the assumptions made by each model and give counterexamples when appropriate to demonstrate the limitations of the different models. In addition, we discuss semi-supervised learning for cognitive psychology. Finally, we give a computational learning theoretic perspective on semi-supervised learning, and we conclude the book with a brief discussion of open questions in the field. Table of Contents: Introduction to Statistical Machine Learning / Overview of Semi-Supervised Learning / Mixture Models and EM / Co-Training / Graph-Based Semi-Supervised Learning / Semi-Supervised Support Vector Machines / Human Semi-Supervised Learning / Theory and Outlook

MISCONCEPTIONS ABOUT THE MIDDLE AGES

[Routledge](#) Interest in the middle ages is at an all time high at the moment, thanks in part to "The Da Vinci Code." Never has there been a moment more propitious for a study of our misconceptions of the Middle Ages than now. Ranging across religion, art, and science, *Misconceptions about the Middle Ages* unravels some of the many misinterpretations that have evolved concerning the medieval period, including: the church war science art society With an impressive international array of contributions, the book will be essential reading for students and scholars involved with medieval religion, history, and culture.

NAUKRATIS

[British Museum Publications Limited](#) A collection of 22 essays presenting the latest research on a comprehensive range of questions relating to the Greek presence at the site of Egyptian Naukratis as it is reflected in the pottery from there. The volume includes scientific analysis and is richly illustrated with photographs including colour illustrations, line drawings, maps and tables.

MACROCYCLIC POLYAMINES

SYNTHESIS AND APPLICATIONS

[John Wiley & Sons](#) The first comprehensive book focusing on synthesis and applications of macrocyclic polyamines and their derivatives Macrocyclic polyamines are a class of widely used important compounds. This is the first book that systematically summarizes the synthesis and applications of macrocyclic polyamines and their analogues, including the properties and synthetic methods of macrocyclic polyamines, chemical nucleases based on macrocyclic polyamines, the derivatives of macrocyclic polyamines as nano-vector materials, macrocyclic polyamines derivatives for bio-imaging, chemical sensors based on macrocyclic polyamines, and other applications of macrocyclic polyamines. *Macrocyclic Polyamines: Synthesis and Applications* includes most of the studies involving macrocyclic polyamines and their derivatives, and may be used as a reference for the researchers in related fields. It offers in-depth coverage of cyclization modes; special procedures for tetraza macrocyclic compounds; diacids-diamines condensation; oxidative DNA cleaving by macrocyclic polyamines; lipids with cationic MPA headgroups; the derivatives of DOTA, DO3A, and PCTA; receptors for anions; sensors for bioactive molecules; macrocyclic polyamines for solvent extraction and membrane transport of amino acids and their derivatives, electrophoretic separation, and open-tubular CEC; and much more. The first book that systematically summarizes the chemistry of macrocyclic polyamines and their derivatives in terms of synthetic methods for their preparation, functionalization, and application in the main fields of chemical sensors, chemical nucleases, drug-delivery, bio-imaging and vector materials Provides a comprehensive reference for the researchers working on macrocyclic polyamines Offers train of thought in related research fields such as organic chemistry, coordination chemistry, analytical chemistry, supramolecular chemistry, biomaterials, etc. *Macrocyclic Polyamines: Synthesis and Applications* will not only provide a reference for the researchers working on macrocyclic polyamines, but also offer opportunities for researchers in related research fields to understand the benefits of these key compounds.

DOE THIS MONTH

WAR STORIES

THE MEMOIRS OF A COUNTRY LAWYER

[Borf Books](#)

ARTIFICIAL INTELLIGENCE IN EDUCATION

18TH INTERNATIONAL CONFERENCE, AIED 2017, WUHAN, CHINA, JUNE 28 - JULY 1, 2017, PROCEEDINGS

[Springer](#) This book constitutes the refereed proceedings of the 18th International Conference on Artificial Intelligence in Education, AIED 2017, held in Wuhan, China, in June/July 2017. The 36 revised full papers presented together with 4 keynotes, 37 poster, presentations, 4 doctoral consortium papers, 5 industry papers, 4 workshop abstracts, and 2 tutorial abstracts were carefully reviewed and selected from 159 submissions. The conference provides opportunities for the cross-fertilization of approaches, techniques and ideas from the many fields that comprise AIED, including computer science, cognitive and learning sciences, education, game design, psychology, sociology, linguistics as well as many domain-specific areas.

HONEST TO GREATNESS

HOW TODAY'S GREATEST LEADERS USE BRUTAL HONESTY TO ACHIEVE MASSIVE SUCCESS

[BenBella Books](#) In today's hyper-transparent world, consumers have enormous power to decide which brands are worth their time and money—so how do you make sure they choose yours? Unfortunately, most leaders and organizations are stuck following archaic, detrimental business practices. Meanwhile, savvy consumers and employees across every generation are making their stance perfectly clear: They are not interested in supporting organizations that seem inauthentic, soulless, or untrustworthy. In this environment, only the honest will survive. In *Honest to Greatness*, serial Inc. 5000 entrepreneur Peter Kozodoy shows how today's greatest business leaders use honesty—not as a touchy-feely core value, but as a business strategy that produces game-changing, industry-dominating success. Through case studies and interviews with leaders at Bridgewater Associates, Sprint, Quicken Loans, Domino's, The Ritz-Carlton, and more, Kozodoy presents fresh business concepts that anyone in the workplace can implement in order to: • Reach, engage, and retain your best customers • Attract and inspire the best talent in any industry • Create an unbeatable culture of innovation that dominates your competitors • Earn your team's respect and loyalty • Unlock deep personal fulfillment by setting the "right" goals Filled with powerful lessons for current and future leaders, this timely book demonstrates how to use honesty at both the organizational and individual level to achieve true greatness in business and in life.

FULBRIGHT ALUMNI ASSOCIATION DIRECTORY, 1989

IDEAS FOR A BETTER AMERICA

[Borf Books](#)

DIRECTORY OF AMERICAN SCHOLARS

HISTORY

GAZE-FOLLOWING

ITS DEVELOPMENT AND SIGNIFICANCE

[Psychology Press](#) What does a child's ability to look where another is looking tell us about his or her early cognitive development? What does this ability—or lack thereof—tell us about a child's language development, understanding of other's intentions, and the emergence of autism? This volume assembles several years of research on the processing of gaze information and its relationship to early social-cognitive development in infants spanning many age groups. Gaze-Following examines how humans and non-human primates use another individual's direction of gaze to learn about the world around them. The chapters throughout this volume address development in areas including joint attention, early non-verbal social interactions, language development, and theory of mind understanding. Offering novel insights regarding the significance of gaze-following, the editors present research from a neurological and a behavioral perspective, and compare children with and without pervasive developmental disorders. Scholars in the areas of cognitive development specifically, and developmental science more broadly, as well as clinical psychologists will be interested in the intriguing research presented in this volume.

THE LAST DAYS OF PETROL

[Shearsman Books](#) Bridget Khursheed's interest is in ecopoetry and the teetering intersections between landscape (or the shape of things), nature and population. Her collection centres on how we cannot imagine the world as we know it is about to change.

AMERICA, HISTORY AND LIFE

Article abstracts and citations of reviews and dissertations covering the United States and Canada.

DIRECTORY OF AMERICAN SCHOLARS

BELLEFONTE, STATE COLLEGE AND NEARBY POINTS TELEPHONE DIRECTORY

UNCERTAINTY REASONING FOR THE SEMANTIC WEB I

ISWC INTERNATIONAL WORKSHOP, URSW 2005-2007, REVISED SELECTED AND INVITED PAPERS

[Springer Science & Business Media](#) This book constitutes the thoroughly refereed first three workshops on Uncertainty Reasoning for the Semantic Web (URSW), held at the International Semantic Web Conferences (ISWC) in 2005, 2006, and 2007. The 22 papers presented are revised and strongly extended versions of selected workshops papers as well as invited contributions from leading experts in the field and closely related areas. The present volume represents the first comprehensive compilation of state-of-the-art research approaches to uncertainty reasoning in the context of the semantic Web, capturing different models of uncertainty and approaches to deductive as well as inductive reasoning with uncertain formal knowledge.

SPÄTMITTELALTER IN LANDESHERRLICHEN KANZLEIEN MITTELEUROPAS

ALTE TRADITION UND DER MÜHSAME WEG ZU NEUEN FRAGEN UND ANTWORTEN

[LIT Verlag Münster](#) Die landesherrlichen Kanzleien in den Ländern der böhmischen Krone sowie im nordalpinen Teil des Heiligen Römischen Reiches waren in den letzten Jahrzehnten ein nicht allzu häufig frequentiertes Forschungsthema. Der vorliegende Band beinhaltet insgesamt 17 Studien von DiplomatikerInnen aus Deutschland, Österreich, Polen und der Tschechischen Republik. Die vorliegenden Studien beinhalten neben der Vorstellung des aktuellen Standes der spätmittelalterlichen landesherrlichen Diplomatie besonders auch die praktische Anwendung sowohl der traditionellen, als auch der neuen methodischen Herangehensweisen. Es ist klar, dass vor allem die Verwendung der neuen Ansätze oft von einer kritischen Diskussion begleitet wird, in deren Rahmen auf die Grenzen oder eventuelle Modifizierungen der neuen methodischen Impulse hingewiesen wird. Aber gerade solche Diskussionen zeugen zweifellos davon, dass das Fachgebiet der Diplomatie lebendig ist, denn lediglich durch eine gemeinsame Diskussion kann sich die Forschung über die behandelten Themen weiterentwickeln.

DER KÖNIG ALS KRIEGER

ZUM VERHÄLTNIS VON KÖNIGTUM UND KRIEG IM MITTELALTER ; BEITRÄGE DER TAGUNG DES ZENTRUMS FÜR MITTELALTERSTUDIEN DER OTTO-FRIEDRICH-UNIVERSITÄT BAMBERG (13. - 15. MÄRZ 2013)

[University of Bamberg Press](#)

SUPERNETWORKS

DECISION-MAKING FOR THE INFORMATION AGE

[Edward Elgar Pub](#) Super networks, say Nagurney (management, U. of Massachusetts- Amherst) and Dong (business, State U. of New York-Oswego), are above and beyond existing networks; rather than being made of nodes, links, and flow, are conceptual in scope, graphical in perspective, and predictive when accompanied by a suitable theory. They set out a unifying framework for using such supernetworks by which consumers, producers, intermediaries, and other economic agents can make decisions in the context of a networked economy. In order to identify equilibrium flows and prices, they model the behavior of individual agents and their interactions with the complex network systems. Annotation copyrighted by Book News, Inc., Portland, OR

REALTY AND BUILDING

ONTOLOGY LEARNING AND POPULATION FROM TEXT

ALGORITHMS, EVALUATION AND APPLICATIONS

[Springer Science & Business Media](#) In the last decade, ontologies have received much attention within computer science and related disciplines, most often as the semantic web. *Ontology Learning and Population from Text: Algorithms, Evaluation and Applications* discusses ontologies for the semantic web, as well as knowledge management, information retrieval, text clustering and classification, as well as natural language processing. *Ontology Learning and Population from Text: Algorithms, Evaluation and Applications* is structured for research scientists and practitioners in industry. This book is also suitable for graduate-level students in computer science.

TAKING A CHANCE ON GOD

LIBERATING THEOLOGY FOR GAYS, LESBIANS, AND THEIR LOVERS, FAMILIES, AND FRIENDS

Beacon Press **Taking a Chance on God** explores how lesbians and gay men can claim both a positive gay identity and a fulfilling life of Christian faith. From the Trade Paperback edition.

WEB-AGE INFORMATION MANAGEMENT

15TH INTERNATIONAL CONFERENCE, WAIM 2014, MACAU, CHINA, JUNE 16-18, 2014, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 15th International Conference on Web-Age Information Management, WAIM 2014, held in Macau, China, in June 2014. The 48 revised full papers presented together with 35 short papers were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on information retrieval; recommender systems; query processing and optimization; data mining; data and information quality; information extraction; mobile and pervasive computing; stream, time-series; security and privacy; semantic web; cloud computing; new hardware; crowdsourcing; social computing.

WHO'S WHO IN AMERICAN EDUCATION

ICT IN EDUCATION, RESEARCH, AND INDUSTRIAL APPLICATIONS

8TH INTERNATIONAL CONFERENCE, ICTERI 2012, KHERSON, UKRAINE, JUNE 6-10, 2012, REVISED SELECTED PAPERS

Springer This book constitutes the refereed proceedings of the 8th International Conference on ICT in Education, Research, and Industrial Applications, held in Kherson, Ukraine, in June 2012. The 14 revised full papers were carefully reviewed and selected from 70 submissions. This book begins with an invited contribution presenting the substance of one of ICTERI 2012 invited talks. The chapter deals with the issues of abstraction and verification of properties in real-time Java programs. The rest of the volume is structured in four topical parts: ICT Frameworks, Infrastructures, Integration, and Deployment; Formal Logic and Knowledge-Based Frameworks; ICT-Based Systems Modeling, Specification, and Verification; ICT in Teaching and Learning.

ONTOLOGY LEARNING FOR THE SEMANTIC WEB

Springer Science & Business Media **Ontology Learning for the Semantic Web** explores techniques for applying knowledge discovery techniques to different web data sources (such as HTML documents, dictionaries, etc.), in order to support the task of engineering and maintaining ontologies. The approach of ontology learning proposed in *Ontology Learning for the Semantic Web* includes a number of complementary disciplines that feed in different types of unstructured and semi-structured data. This data is necessary in order to support a semi-automatic ontology engineering process. *Ontology Learning for the Semantic Web* is designed for researchers and developers of semantic web applications. It also serves as an excellent supplemental reference to advanced level courses in ontologies and the semantic web.

ORIGINS OF THE GREEK VERB

Cambridge University Press This book traces the evolution of the Indo-European verbal system from the early proto-language to the period of the first Greek texts.

DANCING LESSONS

Dramatists Play Service, Inc. **DANCING LESSONS** centers on Ever, a young man with Asperger's syndrome, who seeks the instruction of a Broadway dancer to learn enough dancing to survive an awards dinner. The dancer, Senga, however, is recovering from an injury that may stop her dancing career permanently. As their relationship unfolds, they're both caught off-guard by the discoveries—both hilarious and heartwarming—that they make about each other and about themselves.

INTELLIGENT SYSTEMS IN BIG DATA, SEMANTIC WEB AND MACHINE LEARNING

Springer Nature This book describes important methodologies, tools and techniques from the fields of artificial intelligence, basically those which are based on relevant conceptual and formal development. The coverage is wide, ranging from machine learning to the use of data on the Semantic Web, with many new topics. The contributions are concerned with machine learning, big data, data processing in medicine, similarity processing in ontologies, semantic image analysis, as well as many applications including the use of machine learning techniques for cloud security, artificial intelligence techniques for detecting COVID-19, the Internet of things, etc. The book is meant to be a very important and useful source of information for researchers and doctoral students in data analysis, Semantic Web, big data, machine learning, computer engineering and related disciplines, as well as for postgraduate students who want to integrate the doctoral cycle.

IJCAI-97

PROCEEDINGS OF THE FIFTEENTH INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE, NAGOYA, JAPAN, AUGUST 23-29, 1997

Morgan Kaufmann

ONTOLOGY LEARNING AND POPULATION

BRIDGING THE GAP BETWEEN TEXT AND KNOWLEDGE

IOS Press **The Semantic Web** will only be a reality if we can create structured, unambiguous ontologies that model domain knowledge that computers can handle. This book provides automatic extraction and modeling techniques for ontology building.

A COMPANION TO MEDIEVAL ART

ROMANESQUE AND GOTHIC IN NORTHERN EUROPE

Wiley-Blackwell **A fully updated and comprehensive companion to Romanesque and Gothic art history** This definitive reference brings together cutting-edge scholarship devoted to the Romanesque and Gothic traditions in Northern Europe and provides a clear analytical survey of what is happening in this major area of Western art history. The volume comprises original theoretical, historical, and historiographic essays written by renowned and emergent scholars who discuss the vibrancy of medieval art from both thematic and sub-disciplinary perspectives. Part of the Blackwell Companions to Art History, *A Companion to Medieval Art, Second Edition* features an international and ambitious range of contributions covering reception, formalism, Gregory the Great, pilgrimage art, gender, patronage,

marginalized images, the concept of spolia, manuscript illumination, stained glass, Cistercian architecture, art of the crusader states, and more. Newly revised edition of a highly successful companion, including 11 new articles Comprehensive coverage ranging from vision, materiality, and the artist through to architecture, sculpture, and painting Contains full-color illustrations throughout, plus notes on the book's many distinguished contributors A Companion to Medieval Art: Romanesque and Gothic in Northern Europe, Second Edition is an exciting and varied study that provides essential reading for students and teachers of Medieval art.

DATABASES AND INFORMATION SYSTEMS X

SELECTED PAPERS FROM THE THIRTEENTH INTERNATIONAL BALTIC CONFERENCE, DB&IS 2018

IOS Press The importance of databases and information systems to the functioning of 21st century life is indisputable. This book presents papers from the 13th International Baltic Conference on Databases and Information Systems, held in Trakai, Lithuania, from 1- 4 July 2018. Since the first of these events in 1994, the Baltic DB&IS has proved itself to be an excellent forum for researchers, practitioners and PhD students to deliver and share their research in the field of advanced information systems, databases and related areas. For the 2018 conference, 69 submissions were received from 15 countries. Each paper was assigned for review to at least three referees from different countries. Following review, 24 regular papers were accepted for presentation at the conference, and from these presented papers the 14 best-revised papers have been selected for publication in this volume, together with a preface and three invited papers written by leading experts. The selected revised and extended papers present original research results in a number of subject areas: information systems, requirements and ontology engineering; advanced database systems; internet of things; big data analysis; cognitive computing; and applications and case studies. These results will contribute to the further development of this fast-growing field, and will be of interest to all those working with advanced information systems, databases and related areas.

THE AUSTRALIAN OFFICIAL JOURNAL OF TRADEMARKS
