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MALIK RAMOS

Partially Supervised Learning Springer

This book constitutes the refereed proceedings of the 7th International Workshop on Collaborative Agents Research and Development, CARE 2016, held in Singapore in May 2016 and Second International Workshop on Social Computing in Digital Education, SocialEdu 2016, held in Zagreb, Croatia, in June 2016. For CARE 2016 there were 4 papers selected out of 7 submissions, and for SocialEdu 5 papers were selected from 7 submissions. The 9 extended and revised full papers presented were carefully reviewed. The papers deal with topics like techniques of continuous monitoring, human behaviour analysis, recommendation systems, adjustment of education activities, intelligent content placement, and others.

Advanced Research and Trends in New Technologies, Software, Human-Computer Interaction, and Communicability Springer Nature

This book constitutes the proceedings of the International

Conference on Web-Based Learning, ICWL 2023, in Sydney, NSW, Australia, in November 2023. The 9 full papers together with 7 short papers included in this volume were carefully reviewed and selected from 23 submissions. The conference focuses on subjects such as Semantic Web for E-Learning, through Learning Analytics, Computer-Supported Collaborative Learning, Assessment, Pedagogical Issues, E-learning Platforms, and Tools, to Mobile Learning.

Self-Organizing Maps Springer Nature

This book constitutes thoroughly refereed revised selected papers from the First IAPR TC3 Workshop on Partially Supervised Learning, PSL 2011, held in Ulm, Germany, in September 2011. The 14 papers presented in this volume were carefully reviewed and selected for inclusion in the book, which also includes 3 invited talks. PSL 2011 dealt with methodological issues as well as real-world applications of PSL. The main methodological issues were: combination of supervised and unsupervised learning; diffusion learning; semi-supervised classification, regression, and clustering; learning with deep architectures; active learning; PSL with vague, fuzzy, or uncertain teaching signals; learning, or statistical pattern recognition; and PSL in cognitive systems.

Applications of PSL included: image and signal processing; multi-modal information processing; sensor/information fusion; human computer interaction; data mining and Web mining; forensic anthropology; and bioinformatics.

Diversity in Coastal Marine Sciences Springer Science & Business Media

Didactica predării informaticii analizează tehnicile de predare-învățare a acestei discipline în învățământul preuniversitar. Partea teoretică include noțiuni de bază specifice programării pe calculator, metode de elaborare a algoritmilor, structuri de date clasice de tipul listelor, stivelor și cozilor, teorii legate de grafuri și arbori. În anexe, cei interesați găsesc exemple suplimentare de proiecte didactice, subiecte date la examenele de bacalaureat și admitere în învățământul superior de specialitate sau la examenele de grad și definitivat, precum și resurse utile pentru buna desfășurare a procesului didactic. Adăugit și integral revizuit, volumul oferă informații actualizate despre metodologiile de predare a informaticii, venind în sprijinul profesorilor din învățământul preuniversitar, dar și al elevilor și studenților care doresc să-și aprofundeze cunoștințele în domeniu.

Soft Computing Applications Springer Nature

Problem-solving journal at the senior secondary and university undergraduate levels for those who practice or teach mathematics. Primarily educational in purpose, it also serves those who read it for professional, cultural and recreational reasons.

Bibliografia națională română IGI Global

This is an essential book for all those concerned with the field of assessment. It addresses relevant and timely conceptual and practical issues from a research perspective and, based on research results, clearly provides solutions to practical applications at the cutting edge of the emerging area of new modes of assessment. In a clear and rigorous manner, the authors explore new methods and study the various quality aspects of innovative approaches.

Application Development and Design: Concepts, Methodologies, Tools, and Applications Springer

This book constitutes extended papers from the Third International Conference on Technology in Education, ICTE 2018, held in Hong Kong, China, in January 2018. The 27 full papers presented in this volume were carefully reviewed and selected from 88 submissions. They are organized in topical sections on new learning experience with technologies; mobile learning and flipped classrooms; instructional design and teaching practices; learning administration with technologies.

Mathematics Magazine Springer Science & Business Media

This book presents the proceedings of the 8th International Workshop on Soft Computing Applications, SOFA 2018, held on 13-15 September 2018 in Arad, Romania. The workshop was organized by Aurel Vlaicu University of Arad, in conjunction with the Institute of Computer Science, Iasi Branch of the Romanian Academy, IEEE Romanian Section, Romanian Society of Control Engineering and Technical Informatics - Arad Section, General Association of Engineers in Romania - Arad Section and BTM Resources Arad. The papers included in these proceedings, published post-conference, cover the research including Knowledge-Based Technologies for Web Applications, Cloud Computing, Security Algorithms and Computer Networks, Business Process Management, Computational Intelligence in Education and Modelling and Applications in Textiles and many other areas related to the Soft Computing. The book is directed to professors, researchers, and graduate students in area of soft computing techniques and applications.

Bibliografia națională a României Elefant Online

Advancements in technology have allowed for the creation of

new tools and innovations that can improve different aspects of life. These applications can be utilized across different technological platforms. *Application Development and Design: Concepts, Methodologies, Tools, and Applications* is a comprehensive reference source for the latest scholarly material on trends, techniques, and uses of various technology applications and examines the benefits and challenges of these computational developments. Highlighting a range of pertinent topics such as software design, mobile applications, and web applications, this multi-volume book is ideally designed for researchers, academics, engineers, professionals, students, and practitioners interested in emerging technology applications.

Soft Computing Applications "O'Reilly Media, Inc."

Mathematical Delights is a collection of 90 short elementary gems from algebra, geometry, combinatorics, and number theory. Ross Honsberger presents us with some surprising results, brilliant ideas, and beautiful arguments in mathematics, written in his wonderfully lucid style. The book is a mathematical entertainment to be read at a leisurely pace. High school mathematics should equip the reader to handle the problems presented in the book. The topics are entirely independent and can be read in any order. A useful set of indices helps the reader locate topics in the text.

Mathematical Delights Springer

The book we have at hand is the fourth monograph I wrote for Springer Verlag. The previous one named "Self-Organization and Associative Memory" (Springer Series in Information Sciences, Volume 8) came out in 1984. Since then the self-organizing neural-network algorithms called SOM and LVQ have become very popular, as can be seen from the many works reviewed in Chap. 9. The new results obtained in the past ten years or so have warranted a new monograph. Over these years I have also answered lots of questions; they have influenced the contents of the present book. I hope it would be of some interest and help to the readers if I now first very briefly describe the various phases that led to my present SOM research, and the reasons underlying each new step. I became interested in neural networks around 1960, but could not interrupt my graduate studies in physics. After I was appointed Professor of Electronics in 1965, it still took some years to organize teaching at the university. In 1968 - 69 I was on leave at the University of Washington, and D. Gabor had just published his convolution-correlation model of autoassociative memory. I noticed immediately that there was something not quite right about it: the capacity was very poor and the inherent noise and crosstalk were intolerable. In 1970 I therefore suggested the auto-associative correlation matrix memory model, at the same time as J.A. Anderson and K. Nakano.

Kelly's Directory of Merchants, Manufacturers and Shippers Springer Nature

Soft computing techniques open significant opportunities in several areas, such as industry, medicine, energy, security, transportation, and education. This book provides theory and applications development using soft computing techniques by organizing intelligent systems for many applications to the benefit of humanity. The book comes from a multidisciplinary subject whose audience can come from different academic departments, e.g., department of computer science and engineering, department of medical imaging, department of biomedical informatics, department of education sciences, and so on where artificial intelligence and soft computing are of routine courses. The book covers a range of audience from academicians, practitioners, researchers, and students to stakeholders. It can support graduate students and interns to develop a deep understanding of the latest paradigms in the soft computing techniques.

Bibliografia națională română Springer

This book integrates a wide range of subjects into a coherent purview of the status of coastal marine science. Designed for the professional or specialist in coastal science, oceanography, and related disciplines, this work will appeal to workers in multidisciplinary fields that strive for practical solutions to environmental problems in coastal marine settings around the world. Examples are drawn from many different geographic areas, including the Black Sea region. Subject areas covered include aspects of coastal marine geology, physics, chemistry, biology, and history. These subject areas were selected because they form the basis for integrative investigation of salient environmental problems or perspective solutions or interpretation of historical context.

Pi Mu Epsilon Journal Springer

This book presents the proceedings of the 8th International Workshop on Soft Computing Applications, SOFA 2018, held on 13–15 September 2018 in Arad, Romania. The workshop was organized by Aurel Vlaicu University of Arad, in conjunction with the Institute of Computer Science, Iasi Branch of the Romanian Academy, IEEE Romanian Section, Romanian Society of Control Engineering and Technical Informatics – Arad Section, General Association of Engineers in Romania – Arad Section and BTM Resources Arad. The papers included in these proceedings, published post-conference, cover the research including Knowledge-Based Technologies for Web Applications, Cloud Computing, Security Algorithms and Computer Networks, Business Process Management, Computational Intelligence in Education and Modelling and Applications in Textiles and many other areas related to the Soft Computing. The book is directed to professors, researchers, and graduate students in area of soft computing techniques and applications.

GeNeDis 2016 Springer Science & Business Media

The 2nd World Congress on Geriatrics and Neurodegenerative Disease Research (GeNeDis 2016), focuses on recent advances in geriatrics and neurodegeneration, ranging from basic science to clinical and pharmaceutical developments and provides an international forum for the latest scientific discoveries, medical practices and care initiatives. Advanced information technologies are discussed concerning the various research, implementation and policy, as well as European and global issues in the funding of long-term care and medico-social policies regarding elderly people. This volume focuses on the sessions from the conference on computational biology and bioinformatics.

JPRS Report Springer Nature

This book presents the outcomes of the 8th International Conference in Methodologies and Intelligent Systems for Technology Enhanced Learning held in Toledo (Spain) hosted by the University of Castilla-La Mancha from 20 th to 22nd June 2018. Further expanding the topics of the previous editions, the conference provided an open forum for discussing intelligent systems for technology enhanced learning (TEL) and their roots in novel learning theories, empirical methodologies for their design or evaluation, stand-alone and web-based solutions and maker spaces, and also fostering entrepreneurship and increasing business startup ideas. It brought together researchers and developers from industry, the education field and the academic world to report on the latest scientific research, technical advances and methodologies.

Augmented Intelligence and Intelligent Tutoring Systems Springer

PHP and MySQL are quickly becoming the de facto standard for rapid development of dynamic, database-driven web sites. This book is perfect for newcomers to programming as well as hobbyists who are intimidated by harder-to-follow books. With concepts explained in plain English, the new edition starts with the basics of the PHP language, and explains how to work with MySQL, the popular open source database. You then learn how to put the two together to generate dynamic content. If you come from a web design or graphics design background and know your way around HTML, *Learning PHP & MySQL* is the book you've been looking for. The content includes: PHP basics such as strings and arrays, and pattern matching A detailed discussion of the variances in different PHP versions MySQL data fundamentals like tables and statements Information on SQL data access for language A new chapter on XHTML Error handling, security, HTTP authentication, and more *Learning PHP & MySQL* explains everything from fundamental concepts to the nuts and bolts of performing specific tasks. As part of O'Reilly's bestselling Learning series, the book is an easy-to-use resource designed specifically for beginners. It's a launching pad for future learning, providing you with a solid foundation for more advanced development.

Neural Information Processing IGI Global

The four volume set LNCS 9489, LNCS 9490, LNCS 9491, and LNCS 9492 constitutes the proceedings of the 22nd International Conference on Neural Information Processing, ICONIP 2015, held in Istanbul, Turkey, in November 2015. The 231 full papers presented were carefully reviewed and selected from 375 submissions. The 4 volumes represent topical sections containing articles on Learning Algorithms and Classification Systems; Artificial Intelligence and Neural Networks: Theory, Design, and Applications; Image and Signal Processing; and Intelligent Social Networks.

Methodologies and Intelligent Systems for Technology Enhanced Learning, Workshops, 12th International Conference Springer

This book covers the 12th International Conference in Methodologies and Intelligent Systems for Technology Enhanced Learning which was hosted by the University of L'Aquila and was held in L'Aquila (Italy) from July 13 to 15, 2022. The conference has established itself as a consolidated fertile forum where scholars and professionals from the international community, with a broad range of expertise in the TEL field, share results and compare experiences. Technologies in TEL are capable of delivering smart, personalized, tailored, and motivating learning solutions. Methods are coming from different fields, such as education, psychology, medicine, computer science, and from diverse communities, where collaboration and co-working are used.

Monitorul oficial al României Springer Nature

This book focuses on Romania's more than 12,000 caves, which developed in limestone (including thermal water caves), salt, gypsum, and occasionally in sandstone. It examines these caves and related topics in a format suitable for cavers, while also addressing a broad range of aspects useful for students and researchers. Since the Institute of Speleology was first established by Emil Racovita in 1920, a great deal of research has been conducted on all cave and karst types. As such, the book examines a variety of scientific fields, including karst geology, hydrogeology, biospeleology, paleoclimatology, mineralogy and archaeology.