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Sugumaran, Vijayan



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SIGIR '92, 1992 *Regional Conference on Science, Technology and Social Sciences (RCSTSS 2014)* Nor Azizah Yacob, Mesliza Mohamed, Megat Ahmad Kamal Megat Hanafiah, 2016-03-24 This book gathers selected science and technology papers that were presented at the 2014 Regional Conference of Sciences Technology and Social Sciences RCSTSS 2014 The bi annual Conference is organized by Universiti Teknologi MARA Pahang Malaysia The papers address a broad range of topics including architecture life sciences robotics sustainable development engineering food science and mathematics The book serves as a platform for disseminating research findings as a catalyst to inspire positive innovations in the development of the region The carefully reviewed papers in this volume present research by academicians of local regional and global prominence Out of more than 200 manuscripts presented at the conference by researchers from local and foreign universities and institutions of higher learning 64 papers were chosen for inclusion in this publication The papers are organized in more than a dozen broad categories spanning the range of scientific research Engineering Robotics Mathematics Statistics Computer Information Technology Forestry Plantation Agrotechnology Sports Science Recreation Health Medicine Biology Physics Food Science Environment Science Management Sustainable Development Architecture The book provides a significant point of reference for academics researchers and students in many fields who need deeper research *Advances in Information Retrieval* Claudia Hauff, Craig Macdonald, Dietmar Jannach, Gabriella Kazai, Franco Maria Nardini, Fabio Pinelli, Fabrizio Silvestri, Nicola Tonellotto, 2025-04-03 The five volume set LNCS 15572 15573 15574 15575 and 15576 constitutes the refereed conference proceedings of the 47th European Conference on Information Retrieval ECIR 2025 held in Lucca Italy during April 6 10 2025 The 52 full papers 11 findings 42 short papers and 76 papers of other types presented in these proceedings were carefully reviewed and selected from 530 submissions The accepted papers cover the state of the art in information retrieval and recommender systems user aspects system and foundational aspects artificial intelligence and machine learning applications evaluation new social and technical challenges and other topics of direct or indirect relevance to search and recommendation *Database and Expert Systems Applications* Abdelkader Hameurlain, Rosine Cicchetti, Roland Traunmüller, 2003-08-02 th 2002 DEXA the 13 International Conference on Database and Expert Systems Applications was held on September 2 6 2002 at the Universit Aix Marseille II France The quickly growing field of information systems required the establishment of more specialized discussion platforms the DaWaK conference EC Web conference eGOV conference and DEXA workshops and there were held in parallel with DEXA also in Aix en Provence The resulting book was prepared with great effort Starting with the preparation of submitted papers the papers went through the reviewing process The accepted papers were revised to final versions by their authors and arranged to the conference program This year 241 papers were submitted and our thanks go to all who have contributed The program committee and the supporting reviewers produced altogether about 730 referee reports on average three reports per paper

and selected 89 papers for presentation. The papers presented here encompass the extensive domain of databases together with the other conferences and workshops of the DEXA event cluster: a vast part of applied computer science was covered. In this way DEXA has blazed the trail. At this point we would like to acknowledge to all institutions which actively supported this conference and made it possible. These are IUT Université Aix Marseille II, FAW DEXA Association, the Austrian Computer Society and Microsoft Research.

Textual Information Access Eric Gaussier, François Yvon, 2013-02-04. This book presents statistical models that have recently been developed within several research communities to access information contained in text collections. The problems considered are linked to applications aiming at facilitating information access: information extraction and retrieval, text classification and clustering, opinion mining, comprehension aids, automatic summarization, machine translation, visualization. In order to give the reader as complete a description as possible, the focus is placed on the probability models used in the applications, concerned by highlighting the relationship between models and applications and by illustrating the behavior of each model on real collections. Textual Information Access is organized around four themes: informational retrieval and ranking models, classification and clustering, regression, logistics, kernel methods, Markov fields, etc. multilingualism and machine translation and emerging applications such as information exploration.

Graph Drawing Software Michael Jünger, Petra Mutzel, 2012-12-06. Automatic Graph Drawing is concerned with the layout of relational structures as they occur in Computer Science, Database Design, Data Mining, Web Mining, Bioinformatics, Metabolic Networks, Business Informatics, Organization Diagrams, Event Driven Process Chains or the Social Sciences, Social Networks. In mathematical terms, such relational structures are modeled as graphs or more general objects such as hypergraphs, clustered graphs or compound graphs. A variety of layout algorithms that are based on graph theoretical foundations have been developed in the last two decades and implemented in software systems. After an introduction to the subject area and a concise treatment of the technical foundations for the subsequent chapters, this book features 14 chapters on state-of-the-art graph drawing software systems ranging from general toolboxes to customized software for various applications. These chapters are written by leading experts; they follow a uniform scheme and can be read independently from each other.

Advances in Information Retrieval David E. Losada, Juan M. Fernández-Luna, 2005-04-01. Welcome to Santiago de Compostela. We are pleased to host the 27th Annual European Conference on Information Retrieval Research (ECIR 2005) on its first visit to Spain. These proceedings contain the refereed full papers and poster abstracts presented at ECIR 2005. This conference was initially established by the Information Retrieval Specialist Group of the British Computer Society (BCS IRSG) under the name Annual Colloquium on Information Retrieval Research. The colloquium was held in the United Kingdom each year until 1998 when the event was organized in Grenoble, France. Since then the conference venue has alternated between the United Kingdom and Continental Europe, reflecting the growing European orientation of ECIR. For the same reason, in 2001 the event was renamed European Conference on Information Retrieval Research. In recent years ECIR has continued to grow and has

become the major European forum for the discussion of research in the field of information retrieval ECIR 2005 was held at the Technical School of Engineering of the University of Santiago de Compostela Spain In terms of submissions ECIR 2005 was a record breaking success since 124 full papers were submitted in response to the call for papers This was a sharp increase from the 101 submissions received for ECIR 2003 which was the most successful ECIR in terms of submissions ECIR 2005 established also a call for posters and 41 posters were submitted Paper and poster submissions were received from across Europe and further a field including North America South America Asia and Australia which is a clear indication of the growing popularity and reputation of the conference

Biological Data Mining Jake Y. Chen, Stefano Lonardi, 2009-09-01 Like a data guzzling turbo engine advanced data mining has been powering post genome biological studies for two decades Reflecting this growth Biological Data Mining presents comprehensive data mining concepts theories and applications in current biological and medical research Each chapter is written by a distinguished team of interdisciplinary

Distributed Artificial Intelligence, Agent Technology, and Collaborative Applications Sugumaran, Vijayan, 2008-12-31 This book is a catalyst for emerging research in intelligent information specifically artificial intelligent technologies and applications to assist in improving productivity in many roles such as assistants to human operators and autonomous decision making components of complex systems Provided by publisher

Artificial Intelligence for Business Creativity Margherita Pagani, Renaud Champion, 2023-07-05 Artificial Intelligence for Business Creativity provides an in depth examination of the integration of Artificial Intelligence AI into the business sector to foster creativity The book explores the interplay between micro level individual creativity and macro level organizational innovation through the lens of AI It delves into three crucial areas where AI can stimulate business creativity product and service design optimized processes and enhanced organizational collaboration The authors also highlight the versatility and capability of generative AI systems in promoting creativity and innovation Intended for business leaders managers entrepreneurs and those interested in AI and creativity the book offers practical guidance and insightful recommendations on how organizations can effectively utilize AI to enhance their creative process By offering a comprehensive understanding of the role of AI in fostering creativity the book equips its readers with the tools to stay ahead in the rapidly changing landscape of AI and creativity This book is a valuable resource for anyone seeking to understand the impact of AI on business creativity and how to effectively leverage it to foster creativity and innovation in their organization It is a must read for anyone looking to increase their knowledge and understanding of AI and its impact on business creativity

Advances in Knowledge Discovery and Data Mining Joshua Zhexue Huang, Longbing Cao, Jaideep Srivastava, 2011-05-09 The two volume set LNAI 6634 and 6635 constitutes the refereed proceedings of the 15th Pacific Asia Conference on Knowledge Discovery and Data Mining PAKDD 2011 held in Shenzhen China in May 2011 The total of 32 revised full papers and 58 revised short papers were carefully reviewed and selected from 331 submissions The papers present new ideas original research results and practical development

experiences from all KDD related areas including data mining machine learning artificial intelligence and pattern recognition data warehousing and databases statistics knowledge engineering behavior sciences visualization and emerging areas such as social network analysis *Text Mining with Machine Learning* Jan Žižka, František Dařena, Arnošt Svoboda, 2019-10-31

This book provides a perspective on the application of machine learning based methods in knowledge discovery from natural languages texts By analysing various data sets conclusions which are not normally evident emerge and can be used for various purposes and applications The book provides explanations of principles of time proven machine learning algorithms applied in text mining together with step by step demonstrations of how to reveal the semantic contents in real world datasets using the popular R language with its implemented machine learning algorithms The book is not only aimed at IT specialists but is meant for a wider audience that needs to process big sets of text documents and has basic knowledge of the subject e g e mail service providers online shoppers librarians etc The book starts with an introduction to text based natural language data processing and its goals and problems It focuses on machine learning presenting various algorithms with their use and possibilities and reviews the positives and negatives Beginning with the initial data pre processing a reader can follow the steps provided in the R language including the subsuming of various available plug ins into the resulting software tool A big advantage is that R also contains many libraries implementing machine learning algorithms so a reader can concentrate on the principal target without the need to implement the details of the algorithms her or himself To make sense of the results the book also provides explanations of the algorithms which supports the final evaluation and interpretation of the results The examples are demonstrated using realworld data from commonly accessible Internet sources **Beyond**

open access: visions for open evaluation of scientific papers by post-publication peer review Nikolaus

Kriegeskorte, Diana Deca, A scientific publication system needs to provide two basic services access and evaluation The traditional publication system restricts the access to papers by requiring payment and it restricts the evaluation of papers by relying on just 2-4 pre publication peer reviews and by keeping the reviews secret As a result the current system suffers from a lack of quality and transparency of the peer review evaluation process and the only immediately available indication of a new paper's quality is the prestige of the journal it appeared in Open access is now widely accepted as desirable and is slowly beginning to become a reality However the second essential element evaluation has received less attention Open evaluation an ongoing post publication process of transparent peer review and rating of papers promises to address the problems of the current system However it is unclear how exactly such a system should be designed The evaluation system steers the attention of the scientific community and thus the very course of science For better or worse the most visible papers determine the direction of each field and guide funding and public policy decisions Evaluation therefore is at the heart of the entire endeavor of science As the number of scientific publications explodes evaluation and selection will only gain importance A grand challenge of our time therefore is to design the future system by which we evaluate papers and

decide which ones deserve broad attention So far scientists have left the design of the evaluation process to journals and publishing companies However the steering mechanism of science should be designed by scientists The cognitive computational and brain sciences are best prepared to take on this task which will involve social and psychological considerations software design and modeling of the network of scientific papers and their interrelationships This Research Topic in Frontiers in Computational Neuroscience collects visions for a future system of open evaluation Because critical arguments about the current system about these papers will focus on constructive ideas and comprehensive designs for open evaluation systems Design decisions include Should the reviews and ratings be entirely transparent or should some aspects be kept secret Should other information such as paper downloads be included in the evaluation How can scientific objectivity be strengthened and political motivations weakened in the future system Should the system include signed and authenticated reviews and ratings Should the evaluation be an ongoing process such that promising papers are more deeply evaluated How can we bring science and statistics to the evaluation process e g should rating averages come with error bars How should the evaluative information about each paper e g peer ratings be combined to prioritize the literature Should different individuals and organizations be able to define their own evaluation formulae e g weighting ratings according to different criteria How can we efficiently transition toward the future system Ideally the future system will derive its authority from a scientific literature on community based open evaluation We hope that these papers will provide a starting point

Spotting and Discovering Terms Through Natural Language Processing Christian Jacquemin,2001 The acquired parsed terms can then be applied for precise retrieval and assembly of information BOOK JACKET [Advances in Information Retrieval](#) Mounia Lalmas,Andrew MacFarlane,Stefan Rüger,Anastasios Tombros,Theodora Tsikrika,Alexei Yavlinsky,2006-04-05 This book constitutes the refereed proceedings of the 28th European Conference on Information Retrieval Research ECIR 2006 held in London April 2006 The 37 revised full papers and 28 revised poster papers presented are organized in topical sections on formal models document and query representation and text understanding topic identification and news retrieval clustering and classification refinement and feedback performance and peer to peer networks Web search cross language retrieval genomic IR and much more **People and Computers XVIII - Design for Life** Sally Fincher,Panos Markopoulos,David Moore,Roy Ruddle,2007-03-11 The eighteenth annual British HCI Conference chose as its theme Design for Life Life has many facets from work of course or should we say inevitably to travel fun and other forms of leisure We selected 23 full papers out of 63 submitted which covered our interaction with computer systems in a variety of types of life situation including games tourism and certain types of work and also covered a variety of stages in our lives from the young to the elderly These papers were complemented by others that described more traditional aspects of research in the field of human computer interaction In putting together the programme we followed a three stage process First each paper was reviewed by at least three reviewers Then a member of the committee conducted a meta review Finally

all sets of reviews were considered by the technical chairs who assembled a programme that was submitted to and approved by the full committee This process was greatly assisted by the use of the Precision Conference Solutions web based submission system Even more important of course were the volunteer reviewers themselves In recognition this year we have made an award for the best reviewer as well as one for the best paper

Information Retrieval: A Health and Biomedical Perspective William Hersh,2008-12-19 This series is directed to healthcare professionals who are leading the transformation of health care by using information and knowledge to advance the quality of patient care Launched in 1988 as Computers in Health Care the series offers a broad range of titles some are addressed to specific professions such as nursing medicine and health administration others to special areas of practice such as trauma and radiology Still other books in this series focus on interdisciplinary issues such as the computer based patient record electronic health records and networked healthcare systems Renamed Health Informatics in 1998 to reflect the rapid evolution in the discipline now known as health informatics the series continues to add titles that contribute to the evolution of the field In this series eminent experts serving as editors or authors offer their accounts of innovation in health informatics Increasingly these accounts go beyond hardware and software to address the role of information in influencing the transformation of healthcare delivery systems around the world The series also increasingly focuses on peopleware and the organizational behavioral and societal changes that accompany the diffusion of information technology in health services environments

Artificial Intelligence, Social Computing and Wearable Technologies Waldemar Karwowski and Tareq Ahram,2023-12-04 Proceedings of the AHFE International Conference on Human Factors in Design Engineering and Computing AHFE 2023 Hawaii Edition Honolulu Hawaii USA 4-6 December 2023

Framework for Information Visualisation to Support Decision-making Muzaffar Hamzah,2020-06-10 The emergence of big data presents opportunities for corporate organisations to exploit massive data collection for strategic decision making Despite having access to these data managers inherently struggle in taking advantages of available information for decision making Visualisation offers enhancement on managerial decision making process via mental cognitive load reduction using visual representation Albeit the advances of visualisation tools visualisation for decision making is rarely explored leading to a limited understanding of suitable techniques This book offers knowledge on leveraging information visualisation as a tool in public managerial decision making In this book we introduce a framework for supporting software designers in devising visualisation for decision making support Our framework encompasses guidelines on requirements and challenges in identifying decision relevant information and recommended visualisations to represent it This book discusses the underlying theories techniques and models of information visualisation and associated with the decision making process This book characterizes processes and roles from organisational practices for extracting relevant information within a corporate data warehouse The chapters within this book cumulatively demonstrate the information visualisation process in supporting organisational decision making In addition this book articulates a

comprehensive knowledge of Malaysian public service s decision making processes and practices This book highlights emerging opportunities and challenges in using information visualisation in Malaysia for the future undertaking

Computational Trust Models and Machine Learning Xin Liu,Anwitaman Datta,Ee-Peng Lim,2014-10-29 Computational Trust Models and Machine Learning provides a detailed introduction to the concept of trust and its application in various computer science areas including multi agent systems online social networks and communication systems Identifying trust modeling challenges that cannot be addressed by traditional approaches this book Explains

Unveiling the Magic of Words: A Review of "**Sigir 92 15th Annual International Acmsigir Conference On Research And Development In Information Retrieval**"

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