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Intellectual Property Law in Korea **Preferences and Similarities** *Advances in Spatial and Temporal Databases* *Intelligent Soft Computation and Evolving Data Mining: Integrating Advanced Technologies* **Advances in Database Technology - EDBT 2002** *Some similarity and entropy measurements of bipolar neutrosophic soft sets* *Journal on Data Semantics X* *Fast Software Encryption* *Collected Papers. Volume VIII* *Neutrosophic Sets and Systems, book series, Vol. 13, 2016* **Neutrosophic Sets and Systems, vol. 13/2016** **Neutrosophic Sets and Systems, vol. 14/2016** *Neutrosophic Sets and Systems, Vol. VI* **Neutrosophic Sets and Systems, vol. 6/2014** **New Development of Neutrosophic Probability, Neutrosophic Statistics, Neutrosophic Algebraic Structures, and Neutrosophic Plithogenic Optimizations** *Model Driven Engineering Languages and Systems* *Critical Review, Vol. 11, 2015* *On the Move to Meaningful Internet Systems: OTM 2009* **Progress in Pattern Recognition, Image Analysis and Applications** *A New Paradigm of Knowledge Engineering by Soft Computing* *Advances in Computing and Communications, Part II* *Rough Set Methods and Applications* *The Federal Statutes Annotated* *Computational Finance and Its Applications III* *Neutrosophic Sets and Systems, book series, Vol. 9, 2015* **Neutrosophic Sets and Systems, vol. 9/2015** **Similarity-Based Pattern Recognition** *A Further Study on Multiperiod Health Diagnostics Methodology under a Single-Valued Neutrosophic Set* *Neutrosophic Modeling of Talcott Parsons's Action and Decision-Making Applications for It* **Case-Based Reasoning Research and Development** *New Horizons in Information Management* *Advanced Research in Applied Artificial Intelligence* *Web-Age Information Management* **Knowledge Science, Engineering and Management** **Advances in Data Mining: Applications and Theoretical Aspects** **Progress in Spatial Data Handling** **Future Data and Security Engineering** *Web-Age Information Management* *Neutrosophic Sets and Systems* *Neutrosophic Sets and Systems: An International Book Series in Information Science and Engineering, vol. 20 / 2018*

The Federal Statutes Annotated Jun 07 2021

Journal on Data Semantics X Oct 23 2022 The LNCS Journal on Data Semantics is devoted to the presentation of notable work that addresses research and development on issues related to data semantics. Based on the highly visible publication platform Lecture Notes in Computer Science, this journal is widely disseminated and available worldwide. The scope of the journal ranges from theories supporting the formal definition of semantic content to innovative domain-specific applications of semantic knowledge.

Future Data and Security Engineering Mar 24 2020 This book constitutes the refereed proceedings of the First International Conference on Future Data and Security Engineering, FDSE 2014, held in Ho Chi Minh City, Vietnam, in November 2014. The 23 full papers presented were carefully reviewed and selected from 66 submissions. They have been organized in the following topical sections: big data analytics and applications; security and privacy engineering; crowdsourcing and social network data analytics; biometrics and data protection in smart devices; cloud data management and applications; and advances in query processing and optimization.

Similarity-Based Pattern Recognition Feb 03 2021 This book constitutes the proceedings of the First International Workshop on Similarity Based Pattern Recognition, SIMBAD 2011, held in Venice, Italy, in September 2011. The 16 full papers and 7 poster papers presented were carefully reviewed and selected from 35 submissions. The contributions are organized in topical sections on dissimilarity characterization and analysis; generative models of similarity data; graph-based and relational models; clustering and dissimilarity data; applications; spectral methods and embedding.

Neutrosophic Modeling of Talcott Parsons's Action and Decision-Making Applications for It Dec 01 2020 The grand theory of action of Parsons has an important place in social theories. Furthermore, there are many uncertainties in the theory of Parsons. Classical math logic is often insufficient to explain these uncertainties. In this study, we explain the grand theory of action of Parsons in neutrosociology for the first time.

Neutrosophic Sets and Systems: An International Book Series in Information Science and Engineering, vol. 20 / 2018 Dec 21 2019 "Neutrosophic Sets and Systems" has been created for publications on advanced studies in neutrosophy, neutrosophic set, neutrosophic logic, neutrosophic probability, neutrosophic statistics that started in 1995 and their applications in any field, such as the neutrosophic structures developed in algebra, geometry, topology, etc.

Computational Finance and Its Applications III May 06 2021 Featuring papers from the Third International Conference on Computational Finance and its Applications, the text includes papers that encompass a wide range of topics such as modern financial services technologies, derivatives pricing, portfolio management and asset allocation, and intelligent trading agents.

Neutrosophic Sets and Systems, vol. 13/2016 Jun 19 2022 "Neutrosophic Sets and Systems" has been created for publications on advanced studies in neutrosophy, neutrosophic set, neutrosophic logic, neutrosophic probability, neutrosophic statistics that started in 1995 and their applications in any field, such as the neutrosophic structures developed in algebra, geometry, topology, etc.

Critical Review, Vol. 11, 2015 Dec 13 2021 The following articles have been published: Neutrosophic Systems and Neutrosophic Dynamic Systems; Tri-complex Rough Neutrosophic Similarity Measure and its Application in Multi-attribute Decision Making; Generalized Neutrosophic Soft Multi-attribute Group Decision Making Based on TOPSIS; When Should We Switch from Interval-Valued Fuzzy to Full Type-2 Fuzzy (e.g., Gaussian)?; Neutrosophic Index Numbers: Neutrosophic Logic Applied In The Statistical Indicators Theory; Structural Properties of Neutrosophic Abel-Grassmann's Groupoids; Neutrosophic Actions, Prevalence Order, Refinement of Neutrosophic Entities, and Neutrosophic Literal Logical Operators.

Collected Papers. Volume VIII Aug 21 2022 This eighth volume of Collected Papers includes 75 papers comprising 973 pages on (theoretic and applied) neutrosophics, written between 2010-2022 by the author alone or in collaboration with the following 102 co-authors (alphabetically ordered) from 24 countries: Mohamed Abdel-Basset, Abdullah Gamal, Firoz Ahmad, Ahmad Yusuf Adhami, Ahmed B. Al-Nafee, Ali Hassan, Mumtaz Ali, Akbar Rezaei, Assia Bakali, Ayoub Bahnasse, Azeddine Elhassouny, Durga Banerjee, Romualdas Bausys, Mircea Bo?coianu, Traian Alexandru Buda, Bui Cong Cuong, Emilia Calefariu, Ahmet Çevik, Chang Su Kim, Victor Christianto, Dae Wan Kim, Daud Ahmad, Arindam Dey, Partha Pratim Dey, Mamouni Dhar, H. A. Elagamy, Ahmed K. Essa, Sudipta Gayen, Bibhas

C. Giri, Daniela Gîfu, Noel Batista Hernández, Hojjatollah Farahani, Huda E. Khalid, Irfan Deli, Saeid Jafari, Tèmitópé Gbóláhàn Jaíyéolá, Sripati Jha, Sudan Jha, Ilanthenral Kandasamy, W.B. Vasantha Kandasamy, Darjan Karabaševi?, M. Karthika, Kawther F. Alhasan, Giruta Kazakeviciute-Januskeviciene, Qaisar Khan, Kishore Kumar P K, Prem Kumar Singh, Ranjan Kumar, Maikel Leyva-Vázquez, Mahmoud Ismail, Tahir Mahmood, Hafsa Masood Malik, Mohammad Abobala, Mai Mohamed, Gunasekaran Manogaran, Seema Mehra, Kalyan Mondal, Mohamed Talea, Mullai Murugappan, Muhammad Akram, Muhammad Aslam Malik, Muhammad Khalid Mahmood, Nivetha Martin, Durga Nagarajan, Nguyen Van Dinh, Nguyen Xuan Thao, Lewis Nkenyereya, Jagan M. Obbineni, M. Parimala, S. K. Patro, Peide Liu, Pham Hong Phong, Surapati Pramanik, Gyanendra Prasad Joshi, Quek Shio Gai, R. Radha, A.A. Salama, S. Satham Hussain, Mehmet ?ahin, Said Broumi, Ganeshsree Selvachandran, Selvaraj Ganesan, Shahbaz Ali, Shouzhen Zeng, Manjeet Singh, A. Stanis Arul Mary, Dragiša Stanujki?, Yusuf ?uba?, Rui-Pu Tan, Mirela Teodorescu, Selçuk Topal, Zenonas Turskis, Vakkas Uluçay, Norberto Valcárcel Izquierdo, V. Venkateswara Rao, Volkan Duran, Ying Li, Young Bae Jun, Wadei F. Al-Omeri, Jian-qiang Wang, Lihshing Leigh Wang, Edmundas Kazimieras Zavadskas.

Advances in Data Mining: Applications and Theoretical Aspects May 26 2020 These are the proceedings of the tenth event of the Industrial Conference on Data Mining ICDM held in Berlin (www.data-mining-forum.de). For this edition the Program Committee received 175 submissions. After the pe- review process, we accepted 49 high-quality papers for oral presentation that are included in this book. The topics range from theoretical aspects of data mining to app- cations of data mining such as on multimedia data, in marketing, finance and telec- munication, in medicine and agriculture, and in process control, industry and society. Extended versions of selected papers will appear in the international journal Trans- tions on Machine Learning and Data Mining (www.ibai-publishing.org/journal/mldm). Ten papers were selected for poster presentations and are published in the ICDM Poster Proceeding Volume by ibai-publishing (www.ibai-publishing.org). In conjunction with ICDM four workshops were held on special hot applicati- oriented topics in data mining: Data Mining in Marketing DMM, Data Mining in LifeScience DMLS, the Workshop on Case-Based Reasoning for Multimedia Data CBR-MD, and the Workshop on Data Mining in Agriculture DMA. The Workshop on Data Mining in Agriculture ran for the first time this year. All workshop papers will be published in the workshop proceedings by ibai-publishing (www.ibai-publishing.org). Selected papers of CBR-MD will be published in a special issue of the international journal Transactions on Case-Based Reasoning (www.ibai-publishing.org/journal/cbr).

Case-Based Reasoning Research and Development Oct 31 2020 The 2001 International Conference on Case-Based Reasoning (ICCBR 2001, www.iccbr.org/iccbr01), the fourth in the biennial ICCBR series (1995 in Sesimbra, Portugal; 1997 in Providence, Rhode Island (USA); 1999 in Seeon, Germany), was held during 30 July – 2 August 2001 in Vancouver, Canada. ICCBR is the premier international forum for researchers and practitioners of case based reasoning (CBR). The objectives of this meeting were to nurture significant, relevant advances made in this field (both in research and application), communicate them among all attendees, inspire future advances, and continue to support the vision that CBR is a valuable process in many research disciplines, both computational and otherwise. ICCBR 2001 was the first ICCBR meeting held on the Pacific coast, and we used the setting of beautiful Vancouver as an opportunity to enhance participation from the Pacific Rim communities, which contributed 28% of the submissions. During this meeting, we were fortunate to host invited talks by Ralph Bergmann, Ken Forbus, Jaiwei Han, Ramon López de Mántaras, and Manuela Veloso. Their contributions ensured a stimulating meeting; we thank them all.

Advances in Spatial and Temporal Databases Feb 27 2023 The refereed proceedings of the 8th International Symposium on Spatial and Temporal Databases, SSTD 2003, held at Santorini Island, Greece in July 2003. The 28 revised full papers presented together with a keynote paper were carefully reviewed and selected from 105 submissions. The papers are organized in topical sections on access methods, advanced query processing, data mining and data warehousing, distance-based queries, mobility and moving points management, modeling and languages, similarity processing, systems and implementation issues.

Fast Software Encryption Sep 22 2022 This book constitutes the proceedings of the 17th International Workshop on Fast Software Encryption, held in Seoul, Korea, in February 2010.

Neutrosophic Sets and Systems, book series, Vol. 13, 2016 Jul 20 2022 Abstract: Contributors to current issue (listed in papers' order): K Mondal, S. Pramanik, F. Smarandache, M. A. Malik, A. Hassan, S. Broumi, S. K. De, I. Beg, A. N. H. Zaied, H. M. Naguib, N. Shah, A. A. Salama, M. Eisa, H. E. Ghawalby, A. E. Fawzy, M. Sarkar, S. Dey, T. K. Roy, S. Karatas, C. Kuru, P. J. M. Vera, C. F. M. Delgado, M. P. González, M. L. Vázquez, Tuhin Bera, and Nirmal Kumar Mahapatra. Papers in current issue (listed in papers' order): Multi-attribute Decision Making based on Rough Neutrosophic Variational Coefficient Similarity Measure; Regular Single Valued Neutrosophic Hypergraphs; Triangular Dense Fuzzy Neutrosophic Sets; Applications of Fuzzy and Neutrosophic Logic in Solving Multi-criteria Decision Making Problems; Irregular Neutrosophic Graphs; Neutrosophic Features for Image Retrieval; Truss Design Optimization using Neutrosophic Optimization Technique; Marketing skills as determinants that underpin the competitiveness of the rice industry in Yaguachi canton. Application of SVN numbers to the prioritization of strategies; Classical Logic and Neutrosophic Logic. Answers to K. Georgiev; Regular Bipolar Single Valued Neutrosophic Hypergraphs; Neutrosophic Topology; Neutrosophic crisp Sets via Neutrosophic crisp Topological Spaces; Rough Neutrosophic TOPSIS for Multi-Attribute Group Decision Making; Introduction to Neutrosophic Soft Groups. Keywords: neutrosophy, neutrosophic set, neutrosophic logic, neutrosophic probability, neutrosophic statistics, neutrosophic measure, neutrosophic applications.

Intellectual Property Law in Korea Apr 29 2023 Dynamic development and rapid change, especially under a very active judiciary, have generated the need for a new edition of this preeminent book on intellectual property (IP) law in Korea, here undertaken by a new generation of IP scholars and practitioners. Although Korea is fully assimilated into today's international IP regime, seekers of IP rights in Korea may still encounter elements that make the Korean IP regime distinctive among that of other countries. It is particularly in the areas of administrative and enforcement procedure that practitioners require specialised knowledge if they are to move confidently and ensure adequate legal protection in Korea of patents, copyrights, designs, trademarks, computer programs, geographical indications, and other intangibles. This updated second edition, like the first, provides this knowledge in considerable depth. Twelve Korean practitioners spare no pains to clarify all the essential details of practice and procedure in the major areas of IP law in their country. For example, they include specific guidance on such matters as the following: • jurisdiction of various institutions administering intellectual property rights; • patent law changes caused by the Korea–United States Free Trade Agreement; • how infringement cases move through the Korean court system; • available remedies and defences in infringement actions; • the use of the Customs Act to prohibit importation; • technical evaluation of utility models; • original, licensing, and transfer rights of inventors, owners, and co-owners; • special provisions for inventions in biotechnology, chemistry, and pharmacy; • inventions related to computers and business methods; • the substantial requirements for design registration; • the Korean patent approval linkage system; • recognition and enforcement of foreign judgments. The authors fully cover implications of the numerous bilateral treaties and accessions to international agreements entered into by Korea in the

twelve years since the first edition, as well as all relevant case law. As one of the world's leaders in the design and manufacture of semiconductor chips and other computer hardware and software, Korea accommodates a great number of IP applications and registrations. Its IP rights system is sound and well established, and offers excellent protection to those who come to it prepared. This book is an effective and substantial means to that end.

On the Move to Meaningful Internet Systems: OTM 2009 Nov 12 2021 This two-volume set LNCS 5870/5871 constitutes the refereed proceedings of the four confederated international conferences on Cooperative Information Systems (CoopIS 2009), Distributed Objects and Applications (DOA 2009), Information Security (IS 2009), and Ontologies, Databases and Applications of Semantics (ODBASE 2009), held as OTM 2009 in Vilamoura, Portugal, in November 2009. The 83 revised full papers presented together with 4 keynote talks were carefully reviewed and selected from a total of 234 submissions. Corresponding to the four OTM 2009 main conferences CoopIS, DOA, IS, and ODBASE the papers are organized in topical sections on workflow; process models; ontology challenges; network complexity; modeling cooperation; information complexity; infrastructure; information; aspect-oriented approaches for distributed middleware; distributed algorithms and communication protocols; distributed infrastructures for cluster and Grid computing; object-based, component-based, resource-oriented, event-oriented, and service-oriented middleware; peer-to-peer and centralized infrastructures; performance analysis of distributed computing systems; reliability, fault tolerance, quality of service, and real time support; self* properties in distributed middleware; software engineering for distributed middleware systems; security and privacy in a connected world; ubiquitous and pervasive computing; information systems security; privacy and authentication; security policies and verification; managing ontologies; using ontologies; event processing; dealing with heterogeneity; building knowledge bases; and XML and XML schema.

Progress in Pattern Recognition, Image Analysis and Applications Oct 11 2021 This book constitutes the refereed proceedings of the 10th Iberoamerican Congress on Pattern Recognition, CIARP 2005, held in Havana, Cuba in November 2005. The 107 revised full papers presented together with 3 keynote articles were carefully reviewed and selected from more than 200 submissions. The papers cover ongoing research and mathematical methods for pattern recognition, image analysis, and applications in such diverse areas as computer vision, robotics, industry, health, entertainment, space exploration, telecommunications, data mining, document analysis, and natural language processing and recognition.

Preferences and Similarities Mar 28 2023 The fields of similarity and preference are still broadening due to the exploration of new fields of application. This is caused by the strong impact of vagueness, imprecision, uncertainty and dominance on human and agent information, communication, planning, decision, action, and control as well as by the technical progress of the information technology itself. The topics treated in this book are of interest to computer scientists, statisticians, operations researchers, experts in AI, cognitive psychologists and economists.

Web-Age Information Management Feb 21 2020 Lecture Notes in Computer Science The LNCS series reports state-of-the-art results in computer science research, development, and education, at a high level and in both printed and electronic form. Enjoying tight cooperation with the R&D community, with numerous individuals, as well as with prestigious organizations and societies, LNCS has grown into the most comprehensive computer science research forum available. The scope of LNCS, including its subseries LNAI and LNBI, spans the whole range of computer science and information technology including interdisciplinary topics in a variety of application fields. The type of material published traditionally includes proceedings (published in time for the respective conference) post-proceedings (consisting of thoroughly revised final full papers) research monographs (which may be based on outstanding Phi work, research projects, technical reports, etc.) More recently, several color-cover sublines have been added featuring, beyond a collection of papers, various added-value components; these sublines include tutorials (textbook-like monographs or collections of lectures given at advanced courses) state-of-the-art surveys (offering complete and mediated coverage of a topic) hot topics (introducing emergent topics to the broader community)

New Development of Neutrosophic Probability, Neutrosophic Statistics, Neutrosophic Algebraic Structures, and Neutrosophic Plithogenic Optimizations Feb 15 2022 This volume presents state-of-the-art papers on new topics related to neutrosophic theories, such as neutrosophic algebraic structures, neutrosophic triplet algebraic structures, neutrosophic extended triplet algebraic structures, neutrosophic algebraic hyperstructures, neutrosophic triplet algebraic hyperstructures, neutrosophic n-ary algebraic structures, neutrosophic n-ary algebraic hyperstructures, refined neutrosophic algebraic structures, refined neutrosophic algebraic hyperstructures, quadruple neutrosophic algebraic structures, refined quadruple neutrosophic algebraic structures, neutrosophic image processing, neutrosophic image classification, neutrosophic computer vision, neutrosophic machine learning, neutrosophic artificial intelligence, neutrosophic data analytics, neutrosophic deep learning, and neutrosophic symmetry, as well as their applications in the real world.

Advances in Computing and Communications, Part II Aug 09 2021 This volume is the second part of a four-volume set (CCIS 190, CCIS 191, CCIS 192, CCIS 193), which constitutes the refereed proceedings of the First International Conference on Computing and Communications, ACC 2011, held in Kochi, India, in July 2011. The 72 revised full papers presented in this volume were carefully reviewed and selected from a large number of submissions. The papers are organized in topical sections on database and information systems; distributed software development; human computer interaction and interface; ICT; internet and Web computing; mobile computing; multi agent systems; multimedia and video systems; parallel and distributed algorithms; security, trust and privacy.

Model Driven Engineering Languages and Systems Jan 14 2022 This book constitutes the refereed proceedings of the 15th International Conference on Model Driven Engineering Languages and Systems, MODELS 2012, held in Innsbruck, Austria, in September/October 2012. The 50 papers presented in this volume were carefully reviewed and selected from a total of 181 submissions. They are organized in topical sections named: metamodels and domain specific modeling; models at runtime; model management; modeling methods and tools, consistency analysis, software product lines; foundations of modeling; static analysis techniques; model testing and simulation; model transformation; model matching, tracing and synchronization; modeling practices and experience; and model analysis.

New Horizons in Information Management Sep 29 2020 This book constitutes the refereed proceedings of the 20th British National Conference on Databases, BNCOD 20, held in Coventry, UK, in July 2003. The 20 revised full papers presented together with abstracts of 2 invited talks were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on XML and semi-structured data; performance in searching and mining; transformation, integration, and extension; events and transactions; and personalization and the Web.

Neutrosophic Sets and Systems Jan 22 2020 "Neutrosophic Sets and Systems" has been created for publications on advanced studies in neutrosophy, neutrosophic set, neutrosophic logic, neutrosophic probability, neutrosophic statistics that started in 1995 and their applications in any field, such as the neutrosophic structures developed in algebra, geometry, topology, etc.

Advanced Research in Applied Artificial Intelligence Aug 29 2020 This volume constitutes the thoroughly refereed conference proceedings of the 25th International Conference on Industrial Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2012, held in Dalian, China, in June 2012. The total of 82 papers selected for the proceedings were carefully reviewed and selected from

numerous submissions. The papers are organized in topical sections on machine learning methods; cyber-physical system for intelligent transportation applications; AI applications; evolutionary algorithms, combinatorial optimization; modeling and support of cognitive and affective human processes; natural language processing and its applications; social network and its applications; mission-critical applications and case studies of intelligent systems; AI methods; sentiment analysis for asian languages; aspects on cognitive computing and intelligent interaction; spatio-temporal datamining, structured learning and their applications; decision making and knowledge based systems; pattern recognition; agent based systems; decision making techniques and innovative knowledge management; machine learning applications.

Intelligent Soft Computation and Evolving Data Mining: Integrating Advanced Technologies Jan 26 2023 "This book provides a reference to researchers, practitioners, and students in both soft computing and data mining communities for generating creative ideas of securing and managing data mining"--Provided by publisher.

Neutrosophic Sets and Systems, Vol. VI Apr 17 2022 This volume is a collection of ten papers and a review of a book, written by different authors and co-authors (listed in the order of the papers): F. Yuhua, P. K. Maji, A. A. Salama, H. Elghawalby, A. Mukherjee, M. Datta, F. Smarandache, K. Mondal, S. Pramanik, M. Ali, L. Vladareanu, M. Shabir, S. Broumi, S. Ye, J. Ye, S. Sarkar, D. Gifu and M. Teodorescu. In first paper, the author proposed Pauli Exclusion Principle and the Law of Included Multiple-Middle. Weighted Neutrosophic Soft Sets are proposed in the second paper. Neutrosophic Crisp Sets and Neutrosophic Crisp Relations are studied in third paper. In fourth paper, Interval Valued Neutrosophic Soft Topological Spaces are introduced. Similarly in fifth paper, Multi-criteria Group Decision Making Approach for Teacher Recruitment in Higher Education Under Simplified Neutrosophic Environment is discussed. In paper six, Generalization of Soft Neutrosophic Rings and Soft Neutrosophic Fields are presented by the authors. Neutrosophic Refined Similarity Measure Based on Cosine Function is given in seventh paper. Paper eight is about to study Similarity Measure between Single Valued Neutrosophic Multisets and Its Application in Medial Diagnosis. In the next paper Several Similarity Measures of Interval Valued Neutrosophic Soft Sets and Their Application in Pattern Recognition Problems are discussed. The authors introduced Soft Neutrosophic Groupoids and Their Generalization in the tenth paper. At the end a book review, Neutrosophic routes in multiverse of communication is presented by the authors.

Knowledge Science, Engineering and Management Jun 26 2020 This book constitutes the refereed proceedings of the 8th International Conference on Knowledge Science, Engineering and Management, KSEM 2015, held in Chongqing, China, in October 2015. The 57 revised full papers presented together with 22 short papers and 5 keynotes were carefully selected and reviewed from 247 submissions. The papers are organized in topical sections on formal reasoning and ontologies; knowledge management and concept analysis; knowledge discovery and recognition methods; text mining and analysis; recommendation algorithms and systems; machine learning algorithms; detection methods and analysis; classification and clustering; mobile data analytics and knowledge management; bioinformatics and computational biology; and evidence theory and its application.

Some similarity and entropy measurements of bipolar neutrosophic soft sets Nov 24 2022 In this paper, we proposed a different approach on bipolar neutrosophic soft sets and discussed their properties with examples which was initially introduced by Mumtaz Ali et al.[15]. Also we defined some similarity and entropy measurements between any two bipolar neutrosophic soft sets. Further, we proposed the representation of a 2-D digital image in bipolar neutrosophic soft domain. Finally, based on similarity measurements, we propose a decision making process of real-time problem in image analysis.

Neutrosophic Sets and Systems, vol. 6/2014 Mar 16 2022 "Neutrosophic Sets and Systems" has been created for publications on advanced studies in neutrosophy, neutrosophic set, neutrosophic logic, neutrosophic probability, neutrosophic statistics that started in 1995 and their applications in any field, such as the neutrosophic structures developed in algebra, geometry, topology, etc.

A New Paradigm of Knowledge Engineering by Soft Computing Sep 10 2021 Soft computing (SC) consists of several computing paradigms, including neural networks, fuzzy set theory, approximate reasoning, and derivative-free optimization methods such as genetic algorithms. The integration of those constituent methodologies forms the core of SC. In addition, the synergy allows SC to incorporate human knowledge effectively, deal with imprecision and uncertainty, and learn to adapt to unknown or changing environments for better performance. Together with other modern technologies, SC and its applications exert unprecedented influence on intelligent systems that mimic human intelligence in thinking, learning, reasoning, and many other aspects. Knowledge engineering (KE), which deals with knowledge acquisition, representation, validation, inferencing, explanation, and maintenance, has made significant progress recently, owing to the indefatigable efforts of researchers. Undoubtedly, the hot topics of data mining and knowledge/data discovery have injected new life into the classical AI world. This book tells readers how KE has been influenced and extended by SC and how SC will be helpful in pushing the frontier of KE further. It is intended for researchers and graduate students to use as a reference in the study of knowledge engineering and intelligent systems. The reader is expected to have a basic knowledge of fuzzy logic, neural networks, genetic algorithms, and knowledge-based systems.

Neutrosophic Sets and Systems, vol. 14/2016 May 18 2022 "Neutrosophic Sets and Systems" has been created for publications on advanced studies in neutrosophy, neutrosophic set, neutrosophic logic, neutrosophic probability, neutrosophic statistics that started in 1995 and their applications in any field, such as the neutrosophic structures developed in algebra, geometry, topology, etc.

Progress in Spatial Data Handling Apr 24 2020 Since the first symposium in 1984 the International Symposia on Spatial Data Handling (SDH) has become a major resource for recent advances in GIS research. The International Symposium on Spatial Data Handling is regarded as a premier international research forum for GIS. All papers are fully reviewed by an international program committee composed of experts in the field.

Rough Set Methods and Applications Jul 08 2021 Rough set approach to reasoning under uncertainty is based on inducing knowledge representation from data under constraints expressed by discernibility or, more generally, similarity of objects. Knowledge derived by this approach consists of reducts, decision or association rules, dependencies, templates, or classifiers. This monograph presents the state of the art of this area. The reader will find here a deep theoretical discussion of relevant notions and ideas as well as rich inventory of algorithmic and heuristic tools for knowledge discovery by rough set methods. An extensive bibliography will help the reader to get an acquaintance with this rapidly growing area of research.

Advances in Database Technology - EDBT 2002 Dec 25 2022 The Eighth International Conference on Extending Database Technology, EDBT 2002, was held in Prague, Czech Republic, March 25–27, 2002. It marks the 50th anniversary of Charles University's Faculty of Mathematics and Physics and is the most recent in a series of conferences dedicated to the dissemination and exchange of the latest advances in data management. Previous conferences occurred in Konstanz, Valencia, Avignon, Cambridge, Vienna, and Venice. The topical theme of this year's conference is Data Management in the New Millennium, which encourages the community to see beyond the management of massive databases by conventional database management systems and to extend database technology to support new services

and application areas. The intention is to spur greater interest in more integrated solutions to user problems, which often implies the consideration of data management issues in entire information systems infrastructures. There is data (almost) everywhere, and data access is needed (almost) always and everywhere. New technologies, services, and applications that involve the broader notion of data management are emerging more rapidly than ever, and the database community has much to offer. The call for papers attracted numerous submissions, including 207 research papers, which is a new record for EDBT. The program committee selected 36 research papers, 6 industrial and applications papers, 13 software demos, and 6 tutorials for presentation at the conference. In addition, the conference program includes three keynote speeches, by Jari Ahola, Ian Horrocks, and Hans-Jörg Schek, and a panel.

Neutrosophic Sets and Systems, vol. 9/2015 Mar 04 2021 “Neutrosophic Sets and Systems” has been created for publications on advanced studies in neutrosophy, neutrosophic set, neutrosophic logic, neutrosophic probability, neutrosophic statistics that started in 1995 and their applications in any field, such as the neutrosophic structures developed in algebra, geometry, topology, etc.

Web-Age Information Management Jul 28 2020 This book constitutes the thoroughly refereed post-conference proceedings of three workshops of the 12th International Conference on Web-Age Information Management, WAIM 2011, held in Wuhan, China, in September 2011. The 20 revised full papers are organized in topical sections on the three following workshops: the First International Workshop on Web-based Geographic Information Management (WGIM 2011), the Third International Workshop on XML Data Management (XMLDM 2011), and the First International Workshop on Social Network Analysis (SNA 2011).

Neutrosophic Sets and Systems, book series, Vol. 9, 2015 Apr 05 2021 Abstract: This volume is a collection of fourteen papers, written by different authors and co-authors (listed in the order of the papers): F. Yuhua, K. Mandal, K. Basu, S. Pramanik, K. Mondal, S. Alkhazaleh, J. Nescolarde-Selva, J. L. Usó-Doménech, A. Betancourt-Vázquez, K. Pérez-Teruel, M. Leyva-Vázquez, A. Aydoğdu, I. Arockiarani, C. A. C. Sweet, F. Smarandache, L. Zhengda, S. Kar, S. Mukherjee, P. Das, and T. K. Kumar. In first paper, the author studied Interpreting and Expanding Confucius' Golden Mean through Neutrosophic Tetrad. Hypercomplex Neutrosophic Similarity Measure & Its Application In Multicriteria Decision Making Problem is discussed in the second paper. Interval Neutrosophic Multi-Attribute Decision-Making Based on Grey Relational Analysis are studied in third paper. In fourth paper, More on Neutrosophic Norms and Conorms. Similarly in fifth paper, Ideological systems and its validation: a neutrosophic approach is discussed. In paper six, Modeling and analyzing non-functional requirements interdependencies with neutrosophic logic is studied by the author. On Entropy and Similarity Measure Interval Valued Neutrosophic Sets given in seventh paper. Topological structures of fuzzy neutrosophic rough sets are proposed in the next paper. Refined Literal Indeterminacy and the Multiplication Law of Sub-Indeterminacies in the next paper. Further, Neutrosophic Decision Making Model for Clay-Brick Selection in Construction Field Based on Grey Relational Analysis is discussed by the authors in the tenth paper. In eleventh paper, Neutrosophy-based Interpretation of Four Mechanical Worldviews have been studied by the author. In the next paper, Application of Neutrosophic Set Theory in Generalized Assignment Problem is studied. In thirteenth paper, Tangent Similarity Measure and its application to multiple attribute decision making is discussed. At the end, Multiobjective non-linear programming problem based on Neutrosophic Optimization Technique and its application in Riser Design Problem are introduced by the authors. Keywords: neutrosophy, neutrosophic set theory, Confucius' golden mean, neutrosophic tetrad, similarity measure interval valued neutrosophic sets, neutrosophic decision making model, neutrosophic optimization technique.

A Further Study on Multiperiod Health Diagnostics Methodology under a Single-Valued Neutrosophic Set Jan 02 2021 Employing the concept and function of tangency with similarity measures and counterpart distances for reliable medical consultations has been extensively studied in the past decades and results in lots of isomorphic measures for application. We compared the majority of such isomorphic measures proposed by various researchers and classified them into (a) maximum norm and (b) one-norm categories. Moreover, we found that previous researchers used monotonic functions to transform an identity function and resulted in complicated expressions. In this study, we provide a theoretical foundation to explain the isomorphic nature of a newer measure proposed by the following research paper against its studied existing one in deriving the same pattern recognition results. Specifically, this study initially proposes two similarity measures using maximum norm, arithmetic mean, and aggregation operators and followed by a detailed discussion on their mathematical characteristics. Subsequently, a simplified version of such measures is presented for easy application. This study completely covers two previous methods to point out that the complex approaches used were unnecessary. The findings will help physicians, patients, and their family members to obtain a proper medical diagnosis during multiple examinations.

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