
Fuzzy Algebra By Rajesh

Dissertation Abstracts International
Advances in Communication Systems and Networks
Groups, Rings And Modules With Applications
Boletim da Sociedade Paranaense de Matemática
The Journal of Fuzzy Mathematics
Matematika. 13
Concepts, Methodologies, Tools, and Applications
Mathematical Reviews
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Matematică. Serie nouă. Secțiunea I a
Design Frameworks for Wireless Networks
Spatial Analysis and Modeling in Geographical Transformation Process
Fuzzy Algebra
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Power Algebras over Semirings
Fast Track Objective Arithmetic
Proceedings of the 4th International ISKE Conference, Hasselt, Belgium, 27-28 November 2008
Mathematical and general. A
The Cahn-Hilliard Equation: Recent Advances and Applications
Analele științifice ale Universității "Al. I. Cuza" din Iași
Group Theory for Composition and Analysis
SCIENTIA MAGNA – International Book Series (vol. 13, no. 1)
Select Proceedings of ComNet 2019
The sciences and engineering. B
Fuzzy Group Theory
Recent Advances in Mathematics, Statistics and Computer Science
Allied Mathematics
For One-line Answers to All Mathematical Problems
Database Technologies: Concepts, Methodologies, Tools, and Applications
Smarandache Fuzzy Algebra
Abstract Musical Intervals
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Advances in Neural Signal Processing
Vedic Mathematics, Or Sixteen Simple Mathematical Formulae from the Vedas
Journal of Physics
4th International Symposium SIRS 2018, Bangalore, India, September 19–22, 2018, Revised Selected Papers

JAYLEN STEWART

Dissertation Abstracts International Infinite Study

This book presents an up-to-date account of research in important topics of fuzzy group theory. It concentrates on the theoretical aspects of fuzzy subgroups of a group. It includes applications to abstract recognition problems and to coding theory. The book begins with basic properties of fuzzy subgroups. Fuzzy subgroups of Hamiltonian, solvable, P-Hall, and nilpotent groups are discussed. Construction of free fuzzy subgroups is determined. Numerical invariants of fuzzy subgroups of Abelian groups are developed. The problem in group theory of obtaining conditions under which a group can be expressed as a direct product of its normal subgroups is considered. Methods for deriving fuzzy theorems from crisp ones are presented and the embedding of lattices of fuzzy subgroups into lattices of crisp groups is discussed as well as deriving membership functions from similarity relations. The material presented makes this book a good reference for graduate students and researchers working in fuzzy group theory.

Advances in Communication Systems and Networks World Scientific

This book constitutes the refereed proceedings of the 4th International Symposium on Advances in Signal Processing and Intelligent Recognition Systems, SIRS 2018, held in Bangalore, India, in September 2018. The 28 revised full papers and 11 revised short papers presented were carefully reviewed and selected from 92 submissions. The papers cover wide research fields including information retrieval, human-computer interaction (HCI), information extraction, speech recognition.

Groups, Rings And Modules With Applications Infinite Study

Algebra | Partial Fractions | The Binomial Theorem | Exponential Theorem | The Logarithmic Series Theory Of Equations | Theory Of Equations | Reciprocal Equations | Newton-Rahson Method Matrices | Fundamental Concepts | Rank Of A Matrix | Linear Equations | Characteristic Roots And Vectors Finite Differences | Finite Differences | Interpolations: Newton'S Forward, Backward

Interpolation | Lagrange'S Interpolation Trigonometry | Expansions | Hyperbolic Functions Differential Calculus | Successive Derivatives | Jacobians | Polar Curves Etc.. Boletim da Sociedade Paranaense de Matemática BoD – Books on Demand

This book presents the selected peer-reviewed papers from the International Conference on Communication Systems and Networks (ComNet) 2019. Highlighting the latest findings, ideas, developments and applications in all areas of advanced communication systems and networking, it covers a variety of topics, including next-generation wireless technologies such as 5G, new hardware platforms, antenna design, applications of artificial intelligence (AI), signal processing and optimization techniques. Given its scope, this book can be useful for beginners, researchers and professionals working in wireless communication and networks, and other allied fields.

The Journal of Fuzzy Mathematics Infinite Study

"This reference expands the field of database technologies through four-volumes of in-depth, advanced research articles from nearly 300 of the world's leading professionals"--Provided by publisher.

Matematika. 13 Springer Science & Business Media

This is the first book to present a detailed discussion of both classical and recent results on the popular Cahn-Hilliard equation and some of its variants. The focus is on mathematical analysis of Cahn-Hilliard models, with an emphasis on thermodynamically relevant logarithmic nonlinear terms, for which several questions are still open. Initially proposed in view of applications to materials science, the Cahn-Hilliard equation is now applied in many other areas, including image processing, biology, ecology, astronomy, and chemistry. In particular, the author addresses applications to image inpainting and tumor growth. Many chapters include open problems and directions for future research. The Cahn-Hilliard Equation: Recent Advances and Applications is intended for graduate students and researchers in applied mathematics, especially those interested in phase separation models and their generalizations and applications to other fields. Materials scientists also will find this text of interest. Concepts, Methodologies, Tools, and Applications Springer

Contributors to current issue (listed in papers' order): Ibrahim Yasser, Abeer Twakol, A. A. Abd El-Khalek, A. A. Salama, Ahmed Sharaf Al-Din, Issam Abu Al-Qasim, Rafif Alhabib, Magdy Badran, Remya P. B, Francina Shalini, Masoud Ghods, Zahra Rostami, A. Sahaya Sudha, Luiz Flavio Autran Monteiro Gomes, K.R. Vijayalakshmi, Prakasam Muralikrishna, Surya Manokaran, Nidhi Singh, Avishek Chakraborty, Soma Bose Biswas, Malini Majumdar, Rakhil Das, Binod Chandra Tripathy, Nidhi Singh, Avishek Chakraborty, Nilabhra Paul, Deepshikha Sarma, Akash Singh, Uttam Kumar Bera, Fatimah M. Mohammed, Sarah W. Raheem, Muhammad Riaz, Florentin Smarandache, Faruk Karaaslan, Masooma Raza Hashmi, Iqra Nawaz, Kousik Das, Sovan Samanta, Kajal De, Xavier Encarnacion, Nivetha Martin, I. Pradeepa, N. Ramila Gandhi, P. Pandiammal, Aiman Muzaffar, Md Tabrez Nafis, Shahab Saquib Sohail, Abhijit Saha, Jhulaneswar Baidya, Debjit Dutta, Irfan Deli, Said Broumi, Mohsin Khalid, Neha Andaleeb Khalid, Md. Hanif Page, Qays Hatem Imran, Shilpi Pal, S. Satham Hussain, Saeid Jafari, N. Durga, Hanieh Shambayati, Mohsen Shafiei Nikabadi, Seyed Mohammad, Ali Khatami Firouzabadi, Mohammad Rahmanimanesh, Mujahid Abbas, Ghulam Murtaza, K. Porselvi, B. Elavarasan, Y. B. Jun, Chinnadurai V, Sindhu M P, K.Radhika, K. Arun Prakash, Malayalan Lathamaheswari, Ruipu Tan, Deivanayagampillai Nagarajan, Talea Mohamed, Assia Bakali, Nivetha Martin, R. Dhavaseelan, Ali Hussein Mahmood Al-Obaidi, Suman Das, Surapati Pramanik, Madad Khan, Muhammad Zeeshan, Saima Anis, Abdul Sami Awan, M. Sarwar Sindhu, Tabasam Rashid, Agha Kashif, Rajesh Kumar Saini, Atul Sangal, Manisha.

Mathematical Reviews Pustaka Digital Media

This book provides an overview of the current state of the art in wireless networks around the globe, focusing on utilizing the latest artificial intelligence and soft computing techniques to provide design frameworks for wireless networks. These techniques play a vital role in developing a more robust algorithm suitable for the dynamic and heterogeneous environment, making the network self-managed, self-operational, and self-configurational, and efficiently reducing uncertainties and imprecise information.

Indian Science Abstracts CRC Press

This unique volume presents the scientific achievements, significant discoveries and pioneering contributions of various academicians, industrialist and research scholars. The book is an essential source of reference and provides a comprehensive overview of the author's work in the field of mathematics, statistics and computer science. Contents: Databased Intrinsic Weights of Indicators of Multi-Indicator Systems and Performance Measures of Multivariate Rankings of Systemic Objects (G P Patil & S W Joshi) Statistical Aspects of SuDoKu-Based Experimental Designs (Jyotirmoy Sarkar & Bikas K Sinha) Multi Criteria Decision Making Model for Optimal Selection of Recovery Facility Location and Collection Routes for a Sustainable Reverse Logistics Network under Fuzzy Environment (J D Darbari, V Agarwal & P C Jha) Optimal allocation of SKU and Safety Stock in Supply Chain System Network (K Gandhi, K Goyal, A Jha & J D Darbari) Bi-Objective Optimization Model for Fault-Tolerant Embedded Systems Under Build-Or-Buy Strategy Incorporating Recovery Block Scheme (R Kaur, S Arora, P C Jha & S Madan) Study of a Problem of Annular Cylinder Under Two-Temperature Thermoelasticity with Thermal Relaxation Parameters (Santwana Mukhopadhyay & Roushan Kumar) Multi-Criteria Advertisement Allocation Model of Multiple Advertisers on a Television Network (G Kaur, S Aggarwal & P C Jha) Computation of Maximum Likelihood Estimates in Three Parameter Weibull for Censored Data (Sanjeeva Kumar Jha) On Statistical Quality Control Techniques Based on Ranked Set Sampling (Md Sarwar Alamand, Arun Kumar Sinha & Rahbar Ali) Approximate Solution for Nonlinear Oscillator with Cubic and Quintic Nonlinearities (Jitendra Singh) Fuzzy DEA Cross-Efficiency Model for Ranking and Performance Evaluation Using Ideal and Anti-Ideal Decision Making Units (Seema Gupta, K N Rajeshwari & P C Jha) Poverty Analysis Using Scan Statistic Methods (Arun Kumar Sinha & Mukesh Kumar) Joint Performance Evaluation Data Envelopment Analysis Problem: An Interactive Approach (Riju Chaudhary, Pankaj Kumar Garg & P C Jha) Stochastic Modeling of a Repairable System Under Different Weather Conditions (S C Malik) Estimation of Risk Surfaces and Identification of District Boundaries for Tuberculosis in North-Eastern Indian States (Sanjeeva Kumar Jha & Ningthoukhongjam Vikimchandra Singh) Optimal Advertisement Allocation for Product Promotion on Television Channels (A Kaul, S Aggarwal, P C Jha & A Gupta) Fitting Linear Regressions:

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Ranjan) Modification of the Android Operating System to Predict the Human Body Temperature Using Capacitive Touch (Shubhkar Upadhyay, Avadhesh Singh, Kumar Abhishek & M P Singh) Context-Aware Based Clustering in Wireless Sensor Networks — A Survey (Santu Paul, M P Singh, J P Singh & Prabhat Kumar) Speech Emotion Recognition Using Vowel Onset and Offset Points (Manish Kumar & Jainath Yadav) A Novel Algorithm for Magic Squares (Govind Kumar Jha, Neeraj Kumar, Prabhat Ranjan & A P Shakya) A Note on Intelligent Street Light System (J Satheesh Kumar & C G Sreekaviya) An Overview of Test Case Optimization Using Meta-Heuristic Approach (Sushant Kumar, Prabhat Ranjan & R Rajesh) Smart City Traffic Management and Surveillance System for Indian Scenario (Tarun Kumar, Rohit Kumar Sachan & Dharmender Singh Kushwaha) Improving Attribute Inference Attack Using Link Prediction in Online Social Networks (Ashish Kumar & N C Rathore) A Dynamic Model on Computer Virus (Uendra Kumar) State of the Art In-Service Condition Monitoring Techniques of Rotary Machines (Krishna Kant Agrawal, Shekhar Verma & G N Pandey) Image Segmentation: A survey (K M Pooja & R Rajesh) Empirical Reliability Modeling of Transaction Oriented Autonomic Grid Service (Dharmendra Prasad Mahato & Ravi Shankar Singh) Performance Degradation of Language Identification System in Noisy Environment (Randheer Bagi & Jainath Yadav) Analysis of Software Fault Detection and Correction Processes with Log-Logistic Testing-Effort (Md Zafar Imam, Ishrat Jahan Ara & N Ahmad) Skewness Removal of LEACH Protocol for Wireless Sensor Networks (Vishal Gupta & M N Doja) A Novel Approach for Fast Handoff in WLAN (Mithilesh Patel, Bhavna Singh, Sonam Gupta, Anurag Jajoo & Pavan Kumar Mishra) Facial Expression Recognition Using Histogram of Oriented Gradients (Jyoti Kumari & R Rajesh) Cloud Computing: Comparative Study Own Server vs Cloud Server (Surendra Kumar Singh) Mobile and GIS Framework for Plantations and Nursery (E-Plantations) (Shailesh Kumar Shrivastava & S K Mahendran) Internet Traffic Classification: A Survey (Gargi Srivastava, M P Singh, Prabhat Kumar & J P Singh) Comprehensive Study of Search Engine (Sarowar Kumar, Kumar Abhishek, Abhay Kumar & M P Singh) A Survey on Social Networks: Issues and Attacks (Anubha Maurya & M P Singh) Reduced Rule for Banknote Genuinity (Chhotu Kumar & Anil Kumar Dudyala) A Study on Medical Diagnosis Based on Inter

Valued Fuzzy Cluster Analysis (Bhagwan Sahay Meena & Sharmila Bhattacharjee) Readership: Undergraduate students, graduate students and researchers in mathematics, computer science and statistics.

Matematică. Serie nouă. Secțiunea I a Morgan & Claypool Publishers

This book provides a timely overview of fuzzy graph theory, laying the foundation for future applications in a broad range of areas. It introduces readers to fundamental theories, such as Craine's work on fuzzy interval graphs, fuzzy analogs of Marczewski's theorem, and the Gilmore and Hoffman characterization. It also introduces them to the Fulkerson and Gross characterization and Menger's theorem, the applications of which will be discussed in a forthcoming book by the same authors. This book also discusses in detail important concepts such as connectivity, distance and saturation in fuzzy graphs. Thanks to the good balance between the basics of fuzzy graph theory and new findings obtained by the authors, the book offers an excellent reference guide for advanced undergraduate and graduate students in mathematics, engineering and computer science, and an inspiring read for all researchers interested in new developments in fuzzy logic and applied mathematics.

Design Frameworks for Wireless Networks Souvenir Press
Scientia Magna is a peer-reviewed, open access journal that publishes original research articles in all areas of mathematics and mathematical sciences. However, papers related to Smarandache's problems will be highly preferred.

Spatial Analysis and Modeling in Geographical Transformation Process S. Chand Publishing

Currently, spatial analysis is becoming more important than ever because enormous volumes of spatial data are available from different sources, such as GPS, Remote Sensing, and others. This book deals with spatial analysis and modelling. It provides a comprehensive discussion of spatial analysis, methods, and approaches related to human settlements and associated environment. Key contributions with empirical case studies from Iran, Philippines, Vietnam, Thailand, Nepal, and Japan that apply spatial analysis including autocorrelation, fuzzy, voronoi, cellular automata, analytic hierarchy process, artificial neural network, spatial metrics, spatial statistics, regression, and remote sensing mapping techniques are compiled comprehensively. The core

value of this book is a wide variety of results with state of the art discussion including empirical case studies. It provides a milestone reference to students, researchers, planners, and other practitioners dealing the spatial problems on urban and regional issues. We are pleased to announce that this book has been presented with the 2011 publishing award from the GIS Association of Japan. We would like to congratulate the authors!
Fuzzy Algebra SIAM

This book is the first to be devoted entirely to fuzzy abstract algebra. It presents an up-to-date version of fuzzy commutative algebra, and focuses on the connection between L-subgroups of a group, and L-subfields of a field. In particular, an up-to-date treatment of nonlinear systems of fuzzy intersection equations is given. Contents: L-Subsets and L-Subgroups L-Subgroups of Abelian Groups L-Subrings and L-Ideals L-Submodules L-Subfields Structure of L-Subrings and L-Ideals Algebraic L-Varieties and Intersection Equations L-Subspaces Galois Theory and Group L-Subalgebras Readership: Pure mathematicians. Keywords: Fuzzy Subsets; Fuzzy Subgroups; Fuzzy Subrings; Fuzzy Ideals; Fuzzy Submodules ; Fuzzy Subfields; Fuzzy Varieties; Fuzzy Subspaces; Fuzzy Galois Theory; Fuzzy Group Subalgebras Reviews: "The book is self-contained ... This will serve as a nice reference book for researchers in the field. It may also be used as a good text for an advanced graduate course. There are a good number of exercises at the end of each chapter of the book."

Mathematical Reviews

With Applications in Mathematics and Computer Science Springer Science & Business Media

Fuzzy Algebra Smarandache Fuzzy Algebra Infinite Study

Power Algebras over Semirings Springer Science & Business Media

ISKE2009 is the fourth in a series of conferences on Intelligent Systems and Knowledge Engineering. The ISKE2009 proceedings covers state-of-the-art research and development in various areas of Intelligent Systems and Knowledge Engineering, particularly of Intelligent Decision Making Systems.

Fast Track Objective Arithmetic Springer

The author studies the Smarandache Fuzzy Algebra, which, like its predecessor Fuzzy Algebra, arose from the need to define structures that were more compatible with the real world where the grey areas mattered, not only black or white. In any human

field, a Smarandache n-structure on a set S means a weak structure $\{w(0)\}$ on S such that there exists a chain of proper subsets $P(n-1) \text{ in } P(n-2) \text{ in } P(2) \text{ in } P(1) \text{ in } S$ whose corresponding structures verify the chain $\{w(n-1)\}$ includes $\{w(n-2)\}$ includes $\{w(2)\}$ includes $\{w(1)\}$ includes $\{w(0)\}$, where 'includes' signifies 'strictly stronger' (i.e., structure satisfying more axioms). This book is referring to a Smarandache 2-algebraic structure (two levels only of structures in algebra) on a set S, i.e. a weak structure $\{w(0)\}$ on S such that there exists a proper subset P of S, which is embedded with a stronger structure $\{w(1)\}$. Properties of Smarandache fuzzy semigroups, groupoids, loops, bigroupoids, biloops, non-associative rings, birings, vector spaces, semirings, semivector spaces, non-associative semirings, bisemirings, near-rings, non-associative near-ring, and binearings are presented in the second part of this book together with examples, solved and unsolved problems, and theorems. Also, applications of Smarandache groupoids, near-rings, and semirings in automaton theory, in error correcting codes, and in the construction of S-sub-biautomaton can be found in the last chapter.

Proceedings of the 4th International ISKE Conference, Hasselt, Belgium, 27-28 November 2008 Springer Nature

This book constitutes the refereed proceedings of the International Conference on Mathematical Modelling and Scientific Intelligence, ICMMSC 2012, Gandhigram, Tamil Nadu, India, in March 2012. The 62 revised full papers presented were carefully reviewed and selected from 332 submissions. The papers are organized in two topical sections on mathematical modelling and on scientific computation.

Mathematical and general. A World Scientific

Rajesh Kumar is an extremely prolific Tamil novel writer, most famous for his crime, detective, and science fiction stories. Since publishing his first short story "Seventh Test Tube" in Kalkandu magazine in 1968, he has written over 1,500 short novels and over 2,000 short stories. Many of his detective novels feature the recurring characters Vivek and Rubella. He continues to publish at least five novels every month, in the pocket magazines Best Novel, Everest Novel, Great Novel, Crime Novel, and Dhigil Novel, besides short stories published in weekly magazines like Kumudam and Ananda Vikatan. His writing is widely popular in the Indian state of Tamil Nadu and in Sri Lanka.

The Cahn-Hilliard Equation: Recent Advances and Applications
 Fuzzy Algebra Smarandache Fuzzy Algebra
 Ever find yourself struggling to check a bill or tax on a payslip? The Trachtenberg Speed System provides a course in refining basic mathematics skills to tackle large sums before simplifying to increase concentration and ability in day-to-day arithmetic. The Trachtenberg system has been described as the 'shorthand of mathematics' and only requires the ability to count from one to eleven. Using a series of simplified keys, it allows anyone to

master numbers and calculations giving greater speed, ease in handling numbers and increasing accuracy. Jakow Trachtenberg believed that everyone is born with phenomenal abilities to calculate. He devised a set of rules that allows every child to make multiplication, division, addition, subtraction and square-root calculations with unerring accuracy and at remarkable speed. A perfect entry into gaining confidence with numbers.
Analele științifice ale Universității "Al. I. Cuza" din Iași Lulu.com
 This book is an introduction to GIS (Generalized Interval Systems)

theory that includes the major results of pitch-class theory. It provides mathematicians with applications of group theory to music and music theorists with the essential connections between GIS theory and pitch-class theory. Many of the results in pitch-class theory are not addressed by David Lewin (such as power functions or the Common Tone Theorem for inversions). The book states those results and generalizes them to conform with GIS theory. Finally, it addresses recent criticisms leveled at pitch-class theory and suggests how they can be addressed in GIS theory.

Best Sellers - Books :

- [The 48 Laws Of Power](#)
- [If Animals Kissed Good Night](#)
- [A Court Of Wings And Ruin \(a Court Of Thorns And Roses, 3\)](#)
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- [Playground](#)
- [Goodnight Moon](#)
- [A Court Of Frost And Starlight \(a Court Of Thorns And Roses, 4\)](#)
- [Playground By Aron Beauregard](#)
- [We'll Always Have Summer \(the Summer I Turned Pretty\)](#)
- [Love You Forever](#)