



Mathematical Sciences / Mathematics

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Education

- , Pure Mathematics

Professional Experiences

- , 1400→1401
- , 1400→1400
- , 1399→1400
- , 1399→1399
- , 1398→1398
- , 1396→1399
- , 1396→Now
- , 1396→Now
- , 1396→Now
- , 1395→1396
- , 1393→1396
- , 1391→1393
- , 1389→1391

Journal Papers

- On I-reconstructibility of degree list of graphs
Mehrnoosh Shadravan, Rajabali Borzooei
AUT Journal of Mathematics and Computing, Vol.5, pp. 39-44, 2024

■ Coupon coloring of Kneser graph $K(n,2)$

Mehroosh Shadravan, Rajabali Borzooei

Discrete Mathematics, Algorithms and Applications, Vol.16, pp. 1-15, 2024

■ Partial Residuated Implications Induced by Partial Triangular Norms and Partial Residuated Lattices

Xiaohong Zhang, Nan Sheng, Rajabali Borzooei

Axioms, Vol.12, pp. 1-19, 2023

■ Commutative True-False ideals in BCI/BCK-algebras

Mohammad Mohseni Takallo, Rajabali Borzooei, Mona Aaly Kologani, Young Bae Jun

Algebraic Structures and their Applications, Vol.10, pp. 155-172, 2023

■ Results on soft graphs and soft multigraphs with application in controlling urban traffic flows

M. Baghernejad, Rajabali Borzooei

SOFT COMPUTING, Vol.27, pp. 11155-11175, 2023

■ Regular and Boolean elements in hoops and constructing Boolean algebras using regular filters

Mona Aaly Kologani, Y. B. Jun, Rajabali Borzooei

Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica, Vol.31, pp. 5-22, 2023

■ INTUITIONISTIC FALLING SHADOWS APPLIED TO COMMUTATIVE IDEALS IN BCK-ALGEBRAS

Rajabali Borzooei, X. L. Xin, Y. B. Jun

Journal of Algebraic Systems, Vol.10, pp. 285-297, 2023

■ Radical of filters on hoops

Rajabali Borzooei, M. Aaly Kologani, G. R. Rezaei

Iranian Journal of Fuzzy Systems, Vol.20, pp. 127-143, 2023

■ The Prominence of Fuzzy GE-Filters in GE-Algebras

Sun Shin Ahn, Rajabali Borzooei, Young Bae Jun

International Journal of Analysis and Applications, Vol.21, pp. 1-12, 2023

■ A fuzzy model for NMT word alignment using quasi-perfect matching

M. Khalili, Rajabali Borzooei, D. Ebrahimi Bagha

COMPUTATIONAL and APPLIED MATHEMATICS, Vol.42, pp. 1-21, 2023

■ Implicative equality algebras and annihilators in equality algebras

M. Aaly Kologani, M. Mohseni Takallo, Rajabali Borzooei, Y. B. Jun

JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY, Vol.26, pp. 29-46, 2023

■ Product of ideals in hoops

Rajabali Borzooei, M. Aaly Kologani, S. S. Ahn

SOFT COMPUTING, Vol.27, pp. 11961-11971, 2023

■ Matrix theory over ringoids

Akbar Rezaei, H.S. Kim, Rajabali Borzooei, A. Borumand Saeidi

Filomat, Vol.37, pp. 10275-10288, 2023

■ Graphs Based on Equality Algebras

M. Aaly Kologani, G. Muhiuddin, Rajabali Borzooei, G. R. Rezaei

New Mathematics and Natural Computation, Vol.19, pp. 67-85, 2023

■ Construction of some algebras of logic by using fuzzy ideals in mv-modules

M. Bakhshi, S. S. Ahn, Y. B. Jun, X. L. Xin, Rajabali Borzooei

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.44, pp. 4509-4519, 2023

■ Domination in Pythagorean fuzzy graphs

Sadegh Banitalebi, Rajabali Borzooei

Granular Computing, Vol.8, pp. 959-966, 2023

■ Fuzzy Weak Filters of Sheffer Stroke Hilbert Algebras

Rajabali Borzooei, Gholam Reza Rezaei, Young Bae Jun

■ Single valued neutrosophic ideals of pseudo MV-algebras

Rajabali Borzooei, M. Aaly Kologani, Faeze Karazma, Y. A. Jun
journal of algebra and related topics, Vol.11, pp. 123-136, 2023

■ Construction of Fuzzy Hyper BCI-Algebras Using Fuzzy Hypergroupoid

G. Muhiuddin, E. Mohammadzadeh, F. Mohammadzadeh, Rajabali Borzooei
New Mathematics and Natural Computation, Vol.19, pp. 557-577, 2023

■ On co-annihilators in equality algebras

Sogol Niazian, Mona Aaly Kologani, Shahin Homayon Arya, Rajabali Borzooei
Miskolc Mathematical Notes, Vol.24, pp. 933-951, 2023

■ Roughness of Filters in Equality Algebras

Gholam Reza Rezaei, Rajabali Borzooei, Mona Aaly Kologani, Young Bae Jun
Bulletin of the Section of Logic, Vol.52, pp. 1-18, 2023

■ CONSTRUCTING A HOOP USING ROUGH FILTERS

Elham Babaei, Rajabali Borzooei
Bulletin of the Section of Logic, Vol.51, pp. 363-382, 2022

■ A short note on the category of soft sets

M. Mobini, S.S. Ahn, Rajabali Borzooei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.43, pp. 5215-5219, 2022

■ Domination of Vague Graphs by Using of Strong Arcs

Sadegh Banitalebi, Rajabali Borzooei
Journal of Mathematical Extension, Vol.16, pp. 1-22, 2022

■ New results on topological effect algebras

S Saidi Goraghani, Rajabali Borzooei
Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.49, pp. 62-74, 2022

■ Domination numbers of inverse fuzzy graphs with application in decision-making problems

Rasha Almallah, Rajabali Borzooei, Y. B. Jun
New Mathematics and Natural Computation, Vol.18, pp. 19-42, 2022

■ Prime preideals on bounded EQ-algebras

Narges Akhlaghinia, Rajabali Borzooei, Mona Aaly Kologani
Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica, Vol.30, pp. 5-30, 2022

■ MBJ-neutrosophic subalgebras and filters in \$ BE \$-algebras

Rajabali Borzooei, Hee Sik Kim, Young Bae Jun, Sun Shin Ahn
AIMS Mathematics, Vol.7, pp. 6016-6033, 2022

■ Characterization of Derived Nilpotent (Engel) Lie Ring of Fuzzy Hyperrings by Using Fuzzy Strongly Regular Relations

E. Mohammadzadeh, Rajabali Borzooei, F. Mohammadzadeh, S. S. Ahn
Fuzzy Information and Engineering, Vol.14, pp. 407-424, 2022

■ n-Fold Filters of EQ-Algebras

Batoul Ganji Saffar, Mona Aaly Kologani, Rajabali Borzooei
Bulletin of the Section of Logic, Vol.51, pp. 455-486, 2022

■ Positive implicative True-False ideals in BCK-algebras

Rajabali Borzooei, Mohammad Mohseni Takallo, Y. B. Jun, Mona Aaly Koogani
journal of mahani mathematical research center, Vol.11, pp. 69-85, 2022

■ Beta Products of Fuzzy Graphs with Application in Cryptography

Rajabali Borzooei, B. Shikh Hoseini, Y. B. Jun
New Mathematics and Natural Computation, Vol.18, pp. 177-194, 2022

■ Quotient hoops induced by quasi-valuation maps

Rajabali Borzooei, Gholam reza Rezaei, Mona Aaly Kologani, Y.B. Jun
Kragujevac Journal of Mathematics, Vol.46, pp. 743-757, 2022

■ Derivations of equality algebras

Gholam Reza Rezaei, Mona Aaly Kologani, Rajabali Borzooei, Mohammad Mohseni Takallo
SOFT COMPUTING, Vol.26, pp. 5057-5067, 2022

■ Ultra deductive systems and (nilpotent) Boolean elements in hoops

Rajabali Borzooei, Y.B. Jun, M. Aaly
Journal of Algebraic Hyperstructures and Logical Algebras, Vol.3, pp. 77-93, 2022

■ Right and left mapping in equality algebras

Mona Aaly Kologani, Mohammad Mohseni Takallo, Rajabali Borzooei, Y.B. Jun
Kragujevac Journal of Mathematics, Vol.46, pp. 815-832, 2022

■ Makgeolli structure on hoops

Mona Aaly Kologani, Mohammad Mohseni Takallo, Y.B. Jun, Rajabali Borzooei
Applied and Computational Mathematics, Vol.21, pp. 178-192, 2022

■ States on pseudo EQ-algebras

Jie Qiong Shi, Xiao Long Xin, Rajabali Borzooei
SOFT COMPUTING, Vol.26, pp. 13219-13231, 2022

■ AN IMPLICATIVE FILTER OF BE-ALGEBRAS IN CONNECTION WITH CUBIC INTUITIONISTIC FUZZY SETS

Rajabali Borzooei, Hee Sik Kim, Young Bae Jun, Sun Shin Ahn
Honam Mathematical Journal, Vol.44, pp. 535-559, 2022

■ Cubic soft graphs with application in decision making

Mohammad Mohseni Takallo, Faeze Karazma, M. Aaly Kologani, Rajabali Borzooei
New Mathematics and Natural Computation, Vol.18, pp. 843-869, 2022

■ Inverse fuzzy multigraphs and planarity with application in decision-making

Rajabali Borzooei, Rasha Almallah
SOFT COMPUTING, Vol.26, pp. 1531-1539, 2022

■ Normal m-domination and inverse m-domination in Pythagorean fuzzy graphs with application in decision making

Sadegh Banitalebi, Sun Shin Ahn, Young Bae Jun, Rajabali Borzooei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.43, pp. 5053-5062, 2022

■ Comments to N-cubic sets with an NC-decision making problem

Faeze Karazma, Mona Aaly Kologani, Rajabali Borzooei, Y. B. Jun
Discrete Mathematics, Algorithms and Applications, Vol.14, 2022

■ Positive implicative ideals of BCK-algebras based on neutrosophic sets and falling shadows

H. Bordbar, X. L. Xin, Rajabali Borzooei, Y. B. Jun
Neutrosophic Sets and Systems, Vol.48, pp. 9-30, 2022

■ Constructing a Heyting Semilattice that has Wajesberg Property by Using Fuzzy Implicative Deductive Systems of Hoops

Mona Aaly Kologani, Xiao Long Xin, Mohammad Mohseni Takallo, Young Bae Jun, Rajabali Borzooei
Journal of Mathematical Extension, Vol.16, pp. 1-20, 2022

■ Results on Topological Lattice Effect Algebras

M. R. Rakhshani, G. R. Rezaei, Rajabali Borzooei
Missouri Journal of Mathematical Sciences, Vol.34, pp. 67-84, 2022

■ Domination in fuzzy incidence graphs based on valid edges

S. Afsharmanesh, Rajabali Borzooei
Journal of Applied Mathematics and Computing, Vol.68, pp. 101-124, 2022

■ On Annihilators in Hoops

Rajabali Borzooei, Mona Aaly Kologani, X. L. Xin, Y. B. Jun

■ Multipolar fuzzy a -ideals in BCI-algebras

Rajabali Borzooei, Gholam Reza Rezaei, G. Muhiuddin, Young Bae Jun
International Journal of Machine Learning and Cybernetics, Vol.12, pp. 2339-2348, 2021

■ New definition of MV-semimodules

Simin Saidi Goraghan, Rajabali Borzooei, Sun Shin Ahn
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.41, pp. 3715-3726, 2021

■ Preideals in EQ-algebras

Narges Akhlaghinia, Rajabali Borzooei, M. Aaly Aaly Kologani
SOFT COMPUTING, Vol.25, pp. 12703-12715, 2021

■ Sup-Hesitant Fuzzy p-Ideals of BCI-Algebras

Mohammad Mohseni Takallo, Rajabali Borzooei, Y. B. Jun
Fuzzy Information and Engineering, Vol.13, pp. 460-469, 2021

■ Minimal prime ideals in hoops

Rajabali Borzooei, Mona Aaly
Journal of Algebraic Hyperstructures and Logical Algebras, Vol.2, pp. 109-120, 2021

■ An a -Ideal of BCI-Algebras in Connection with Multipolar Fuzzy Sets

Mohammad Mohseni Takallo, Rajabali Borzooei, Young Bae Jun, Sun Shin Ahn
New Mathematics and Natural Computation, Vol.17, pp. 553-570, 2021

■ Construction of (n-Fold) EQ-Algebras by Using Fuzzy n-Fold Filters

Batol Ganji Saffar, G. Muhiuddin, Mona Aaly Kologani, Rajabali Borzooei
New Mathematics and Natural Computation, Vol.17, pp. 827-851, 2021

■ Falling Shadow Theory with Applications in Hoops

Rajabali Borzooei, Gholam Reza Rezaei, Mona Aaly Kologhani, Young Bae Jun
Bulletin of the Section of Logic, Vol.50, pp. 337-353, 2021

■ Soft subalgebras and ideals of BCK/BCI-algebras based on N-structures

Hashem Bordbar, Rajabali Borzooei, Arsham Borumand Saeid, Young Bae Jun
SOFT COMPUTING, Vol.25, pp. 12789-12795, 2021

■ Extended implicative groupoids

E. Sameri, Rajabali Borzooei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.40, pp. 1261-1275, 2021

■ Constructing some logical algebras from EQ-algebras

Rajabali Borzooei, Narges Akhlaghinia, Xin Xiao Long, Mona Aaly Kologania
Filomat, Vol.35, pp. 2747-2760, 2021

■ Double-Framed Soft Set Theory Applied to Hyper BCK-Algebras

Hashem Bordbar, Somayeh Khademan, Rajabali Borzooei, Mohammad Mehdi Zahedi, Young Bae Jun
New Mathematics and Natural Computation, Vol.17, pp. 215-228, 2021

■ On Neutrosophic Quadruple Groups

F. Smarandache, A. Rezaei, A. A. A. Agboola, Y. B. Jun, Rajabali Borzooei, B. Davvaz, Arsham Borumand Saeid, M. Akram, M. Hamidi, S. Mirvakili
International Journal of Computational Intelligence Systems, Vol.14, 2021

■ RESULTS ON (ENGEL, SOLVABLE, NILPOTENT) FUZZY SUBPOLYGROUPS

ELAHE MOHAMMADZADEH, Rajabali Borzooei
Kragujevac Journal of Mathematics, Vol.45, pp. 667-684, 2021

■ Construction of some algebras of logics by using intuitionistic fuzzy filters on hoops

Mona Aaly Kologani, Rajabali Borzooei, Hee Sik Kim, Young Bae Jun, Sun Shin Ahn
AIMS Mathematics, Vol.6, pp. 11950-11973, 2021

■ Implicative ideals of BCK-algebras based on MBJ-neutrosophic sets

■ Positive Implicative Neutrosophic Quadruple BCK-Algebras and Ideals

Rajabali Borzooei, Young Bae Jun, Mohammad Mohseni Takallo, Sun Shin Ahn
New Mathematics and Natural Computation, Vol.17, pp. 403-423, 2021

■ Filter theory on hyper equality algebras

Rajabali Borzooei, M. Aaly Kologani, M. A. Hashemi
SOFT COMPUTING, Vol.25, pp. 7257-7269, 2021

■ HOOPS WITH QUASI-VALUATION MAPS

Aaly Kaloghani Mona, Gholamreza Rezaei, Rajabali Borzooei, Jun Y.B.
Journal of Algebraic Systems, Vol.8, pp. 251-268, 2021

■ N-Subalgebras of BCK/BCI- Algebras which are Induced from Hyperfuzzy Structures

Hashem Bordbar, Mohammad Rahim Bordbar, Rajabali Borzooei, Young Bae Jun
Iranian Journal of Mathematical Sciences and Informatics, Vol.16, pp. 179-195, 2021

■ A bibliometric analysis of Iranian Journal of Fuzzy Systems (2007-2020)

T. T. Lei, Y. Qin, Z. S. Xu, Rajabali Borzooei
Iranian Journal of Fuzzy Systems, Vol.18, pp. 1-17, 2021

■ Radical of filters on equality algebra

M. Aaly Kologani, S. Hoskova-Mayerova, Rajabali Borzooei, G. R. Rezaei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.41, pp. 7151-7165, 2021

■ Neutrosophic special dominating set in neutrosophic graphs

S. Banitalebi, Rajabali Borzooei
Neutrosophic Sets and Systems, Vol.45, pp. 26-39, 2021

■ A General Model of Neutrosophic Ideals in BCK/BCI-algebras Based on Neutrosophic Points

Hashem Bordbar, Rajabali Borzooei, Florentin Smarandache, Young Bae Jun
Bulletin of the Section of Logic, Vol.50, pp. 355-371, 2021

■ Fuzzy soft positive implicative hyper BCK-ideals of several types

S. Khademan, M. M. Zahedi, Rajabali Borzooei, Y. B. Jun
Miskolc Mathematical Notes, Vol.22, pp. 299-315, 2021

■ Implicative falling neutrosophic ideals of BCK-algebras

Xin Xiao Long , Bordbar Hashem , Florentin Smarandache, Rajabali Borzooei, Jun Young Bae
Neutrosophic Sets and Systems, Vol.40, pp. 214-234, 2021

■ Fuzzy sub-hoops based on fuzzy points

Rajabali Borzooei, Mohammad Mohseni Takallo, Mona Aaly KologaniA, Jun Y.B.
Miskolc Mathematical Notes, Vol.22, pp. 91-106, 2021

■ 2-DOMINATION IN VAGUE GRAPHS

SADEGH BANITALEBI, Rajabali Borzooei, ELAHE MOHAMMADZADEH
Algebraic Structures and their Applications, Vol.8, pp. 203-222, 2021

■ Matching numbers in fuzzy graphs

M. Khalili, Rajabali Borzooei, M. Deldar
Journal of Applied Mathematics and Computing, Vol.67, pp. 1-22, 2021

■ Neutrosophic quadruple a-ideals

Gholam Reza Rezaei, Y.B. Jun, Rajabali Borzooei
Neutrosophic Sets and Systems, Vol.31, pp. 266-281, 2020

■ Commutative equality algebras and &-equality algebras

mona Aaly Kologani, Rajabali Borzooei, G. R. Rezaei, Y. B. Jun
Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.47, pp. 331-345, 2020

■ Folding theory applied to pseudo-hoops

Rajabali Borzooei, S. Z. Alavi, M. Aaly Kologani, Sun Shin Ahn

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.39, pp. 1381-1390, 2020

■ Ideals of an EMV-semiring

Rajabali Borzooei, Marjan Shenavaei, A. Di Nola, O. Zahiri

INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, Vol.49, pp. 235-260, 2020

■ Neutrosophic LI-ideals in lattice implication algebra

Rajabali Borzooei, Mehdi Sabet kish, Y.B. Jun

Neutrosophic Sets and Systems, Vol.31, pp. 282-296, 2020

■ Double-framed soft filters in lattice implication algebras

Rajabali Borzooei, Y. B. Jun, Mohammad Mohseni Takallo, S. Khademan, Mehdi Sabet kish, A. Pourderakhshan

Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.47, pp. 294-307, 2020

■ The category of EQ-algebras

Rajabali Borzooei, Narges Akhlaghinia, Mona Aaly Kologani, Xiao Long Xin

Bulletin of the Section of Logic, pp. 1-23, 2020

■ A Study on Bipolar Single-Valued Neutrosophic Graphs With Novel Application

M. Aslam Malik, Hossein Rashmanlou, Muhammad Shoaib, Rajabali Borzooei, Morteza Taheri, Said Broumi

Neutrosophic Sets and Systems, Vol.32, pp. 221-268, 2020

■ State in implication basic algebra

S.M. Ghasemi Nejad, Rajabali Borzooei, Mahmood Bakhshi

Iranian Journal of Fuzzy Systems, Vol.17, pp. 139-156, 2020

■ BMBJ-neutrosophic subalgebra in BCI/BCK-algebras

hashem bordbar, Mohammad Mohseni Takallo, Rajabali Borzooei, Y.B. Jun

Neutrosophic Sets and Systems, Vol.31, pp. 31-43, 2020

■ Results on hoops

Rajabali Borzooei, Mona Aaly

Journal of Algebraic Hyperstructures and Logical Algebras, Vol.1, pp. 61-77, 2020

■ An overview of hyper logical algebras

Rajabali Borzooei, Mona Aaly

Journal of Algebraic Hyperstructures and Logical Algebras, Vol.1, pp. 31-50, 2020

■ Polarity of generalized neutrosophic subalgebras in BCK/BCI-algebras

Rajabali Borzooei, Florentin Smarandache, Y.B. Jun

Neutrosophic Sets and Systems, Vol.32, pp. 123-145, 2020

■ Lexicographic Product of Vague Graphs with Application

Rajabali Borzooei, Behnaz Sheikhhoseini, Young Bae Jun

Matematicki Vesnik, Vol.72, pp. 43-57, 2020

■ Soft Set Theory Applied to Hoops

Rajabali Borzooei, Elham Babaei, Y. B. Jun, M. Aaly Kologani, Mohammad Mohseni Takallo

Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica, Vol.28, pp. 61-79, 2020

■ Inverse Fuzzy Graphs with Applications

Rajabali Borzooei, Rasha Almallah, Y. B. Jun, H. Ghaznavi

New Mathematics and Natural Computation, Vol.16, pp. 397-418, 2020

■ Results on hyper equality algebras

M. A. Hashemi, Rajabali Borzooei

Journal of Mathematical Extension, Vol.14, pp. 169-193, 2020

■ New Results on Ideals in MV-algebras

Simin Saidi Goraghani, Rajabali Borzooei

International Journal of Industrial Mathematics, Vol.12, pp. 205-213, 2020

■ Cubic Graphs and Their Application to a Traffic Flow Problem

G. Muhiuddin, Mohammad Mohseni Takallo, Y. B. Jun, Rajabali Borzooei

International Journal of Computational Intelligence Systems, Vol.13, pp. 1265-1280, 2020

■ m-polar fuzzy q-ideals in BCI-algebras

G. Muhiuddin, Mohammad Mohseni Takallo, Rajabali Borzooei, Y.B. Jun

JOURNAL OF KING SAUD UNIVERSITY SCIENCE, Vol.32, pp. 2803-2809, 2020

■ Module Structure on Effect Algebras

Simin Saidi Goraghani, Rajabali Borzooei

Bulletin of the Section of Logic, Vol.49, pp. 269-290, 2020

■ n-fold Obstinate Filters in Pseudo-Hoop Algebras

Rajabali Borzooei, A. Namdar, M Aaly Kologani

International Journal of Industrial Mathematics, Vol.12, pp. 147-157, 2020

■ Nilpotent fuzzy lie ideals

E. Mohammadzadeh, G. Muhiuddin, J. Zhan, Rajabali Borzooei

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.39, pp. 4071-4079, 2020

■ On Multipolar Intuitionistic Fuzzy B-Algebras

Rajabali Borzooei, Hee Sik Kim, Young Bae Jun, Sun Shin Ahn

Mathematics, Vol.8, 2020

■ New Way for Finding Shortest Path Problem in a Network

HOSSEIN RASHMANLOU, Rajabali Borzooei, MUHAMMAD SHOAIB, YAHYA TALEBI, MORTEZA TAHERI, F. MOFIDNAKHAEI

JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol.34, pp. 451-460, 2020

■ Tense like equality algebras

Hashemi Mohammad Ali, Rajabali Borzooei

Categories and General Algebraic Structures with Application, Vol.13, pp. 143-166, 2020

■ Soju Filters in Hoop Algebras

Rajabali Borzooei, Rezaei Gholam Reza , Aaly Kologani Mona , Jun Young Bae

Bulletin of the Section of Logic, Vol.50, pp. 97-123, 2020

■ results on t-fuzzy graphs

Rajabali Borzooei, Behnaz Sheikhhoseini, Mohammad Mohseni Takallo

New Mathematics and Natural Computation, Vol.16, pp. 143-161, 2020

■ fuzzification of zero forcing process

Rajabali Borzooei, Behnaz Sheikhhoseini, masomeh gol mohamadian, zeinab montazeri, Mohammad Mohseni Takallo

New Mathematics and Natural Computation, Vol.16, pp. 195-210, 2020

■ New Kind of MV-Modules

S. Saidi Goraghani, Rajabali Borzooei, S.S. Ahn, Y.B. Jun

International Journal of Computational Intelligence Systems, Vol.13, pp. 794-801, 2020

■ Neutrosophic LI-ideals in lattice implication algebras

Rajabali Borzooei, Mehdi Sabet kish, Y. B. Jun

Neutrosophic Sets and Systems, Vol.31, pp. 282-296, 2020

■ NEUTROSOPHIC QUADRUPLE BCI-COMMUTATIVE IDEALS

G.R. Rezaei, Rajabali Borzooei, Y. B. Jun

Algebraic Structures and their Applications, Vol.7, pp. 63-77, 2020

■ Maximal Product of Graphs under Vague Environment

Behnaz Sheikhhoseini, Muhammad Akram, Mehrnaz Sheikh Hosseini, Hossein Rashmanlou, Rajabali Borzooei

Mathematical and Computational Applications, Vol.25, 2020

■ Characterizations of hoops based on stabilizers

Jun Tao Wang, Rajabali Borzooei, M. Aaly Kologani

■ New Concepts of Bipolar Fuzzy Graphs

A. Lakdashti, H. Rashmanlo, Rajabali Borzooei, S. Samanta, M. Pal

JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol.33, pp. 117-133, 2019

■ Engel, Nilpotent and Solvable BCI-algebras

Elahe Mohammadzadeh, Rajabali Borzooei

Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica, Vol.27, pp. 169-192, 2019

■ Intuitionistic Fuzzy Soft Hyper BCK Algebras

Xiaolong Xin, Rajabali Borzooei, Mahmood Bakhshi, Young Jun

Symmetry-Basel, Vol.11, 2019

■ Positive Implicative Soju Ideals in BCK-Algebras

Xiao Long Xin, Rajabali Borzooei, Young Bae Jun

Bulletin of the Section of Logic, Vol.48, pp. 1-18, 2019

■ ON SEMI MAXIMAL FILTERS IN BL-ALGEBRAS

Akbar Paad, Rajabali Borzooei

Journal of Algebraic System, Vol.6, pp. 101-116, 2019

■ Vague multigraphs

M Baghernejad, Rajabali Borzooei

SOFT COMPUTING, Vol.23, pp. 12607-12619, 2019

■ Int-Soft Filters in Hoops

Rajabali Borzooei, Mehdi Sabet kish, E. H. Roh, M. Aaly Kologani

International Journal of Fuzzy Logic and Intelligent Systems, Vol.19, pp. 213-222, 2019

■ On co-annihilators in hoops

M. Aaly Kologani, Y.B. Jun, X.L. Xin, E.H. Roh, Rajabali Borzooei

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.37, pp. 5471-5485, 2019

■ INT-SOFT IMPLICATIVE HYPER BCK-IDEALS IN BCK-ALGEBRAS

Rajabali Borzooei, Xiao Long Xin, Eun Hwan Roh, Young Bae Jun

Missouri Journal of Mathematical Sciences, Vol.31, pp. 152-163, 2019

■ On (Semi)Topological Hoops

Aaly Kologani Mona, Rajabali Borzooei, Nader Kouhestani

Quasigroups and Related Systems, Vol.27, pp. 161-174, 2019

■ Separation axioms on topological efect algebras

Rajabali Borzooei, Rkhshani M., G.R. Rezaei

Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.46, pp. 254-268, 2019

■ BMBJ-neutrosophic ideals in BCK/BCI-algebras

Mohammad Mohseni Takallo, hashem bordbar, Rajabali Borzooei, Y. B. Jun

Neutrosophic Sets and Systems, Vol.27, pp. 1-16, 2019

■ Neutrosophic Hyper BCK-Ideals

S. Khademan, M.M. Zahedi, Rajabali Borzooei, Y.B. Jun

Neutrosophic Sets and Systems, Vol.27, pp. 201-217, 2019

■ On ideal theory of hoops

Mona Aaly Kologani, Rajabali Borzooei

Mathematica Bohemica, Vol.145, pp. 141-162, 2019

■ Constructing Some Logical Algebras with Hoops

M. Aaly Kologani, Seok-Zun Song, Rajabali Borzooei, Young Bae Jun

Mathematics, Vol.7, 2019

■ Fuzzy soft positive implicative hyper BCK-ideals in hyper BCK-algebras

■ Graphs Based on Hoop Algebras

Mona Aaly Kologani, Rajabali Borzooei, Hee Sik Kim
Mathematics, Vol.7, 2019

■ Hesitancy fuzzy magic labeling of simple graphs

M. Fathalian, Rajabali Borzooei, M. Hamidi
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.37, pp. 3941-3955, 2019

■ Constructing (pre)norms in BL-algebras and its action on topological BL-algebras

Rajabali Borzooei, Hee Sik Kim, Nader Kouhestani
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.37, pp. 6959-6969, 2019

■ On EMV-Semirings

Rajabali Borzooei, Marjan Shenavaie, A. Di Nola, O. Zahiri
Mathematica Slovaca, Vol.69, pp. 739-752, 2019

■ Fuzzy magic labeling of simple graphs

M. Fathalian, Rajabali Borzooei, M. Hamidi
Journal of Applied Mathematics and Computing, Vol.60, pp. 369-385, 2019

■ Fuzzy Positive Implicative Filters of Hoops Based on Fuzzy Points

Rajabali Borzooei, Mona Aaly Kologani, Mehdi Sabet kish, Young Bae Jun
Mathematics, Vol.7, 2019

■ On topological basic algebras

mehrnavaz Ghasemi Nejad, Rajabali Borzooei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.37, pp. 6629-6644, 2019

■ Multipolar Fuzzy p-Ideals of BCI-Algebras

Mohammad Mohseni Takallo, Sun Shin Ahn, Rajabali Borzooei, Young Bae Jun
Mathematics, Vol.7, 2019

■ Quotient structures in lattice effect algebras

AmirHossein Sharafi, Rajabali Borzooei
KYBERNETIKA, Vol.55, pp. 879-895, 2019

■ Quasi-Uniformity on BL-algebras

Rajabali Borzooei, Nader Kouhestani
Ratio Mathematica, Vol.35, pp. 5-27, 2018

■ Convex L-lattice subgroups in L-ordered groups

Rajabali Borzooei, Seiede Fateme Hoseini, Omid Zahiri
Categories and General Algebraic Structures with Application, Vol.9, pp. 139-161, 2018

■ MBJ-neutrosophic structures and its applications in BCK/BCI-algebras

Mohammad Mohseni Takallo, Rajabali Borzooei, Young Bae Jun
Neutrosophic Sets and Systems, Vol.23, pp. 72-84, 2018

■ A novel decision-making approach based on hypergraphs in intuitionistic fuzzy environment

Muhammad Akram, Musavarah Sarwar, Rajabali Borzooei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.35, pp. 1905-1922, 2018

■ On topological effect-algebras

Reza Rakhshani, Rajabali Borzooei, Gholam Reza Rezaei
Italian Journal of Pure and Applied Mathematics, pp. 312-325, 2018

■ Product of interval-valued fuzzy graphs and degree

Hossein Rashmanlou, Madhumangal Pal, Rajabali Borzooei, F. Mofidnakhaei, Biswajit Sarkar
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.35, pp. 6443-6451, 2018

■ Special hoop algebras

Amaneh Namdar, Rajabali Borzooei

Italian Journal of Pure and Applied Mathematics, pp. 334-349, 2018

■ Generalized EMV-Effect Algebras

Rajabali Borzooei, A. Dvurecenskij, AmirHossein Sharafi

INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, Vol.57, pp. 2267-2279, 2018

■ Uni-Soft Commutative Ideals and Closed Uni-Soft Ideals in BCI-Algebras

Hashem Bordbar, Rajabali Borzooei, Young Bae Jun

New Mathematics and Natural Computation, Vol.14, pp. 235-247, 2018

■ On Injective MV-Modules

S. Saidi Goraghani, Rajabali Borzooei

Bulletin of the Section of Logic, Vol.47, pp. 283-298, 2018

■ Nilpotent Fuzzy Subgroups

Elaheh Mohammadzadeh, Rajabali Borzooei

Mathematics, Vol.6, pp. 1-12, 2018

■ Convex L-Lattice Subgroups in L-ordered Groups

Rajabali Borzooei, Seiede Fateme Hoseini, Zahiri Omid

Categories and General Algebraic Structures with Application, Vol.9, pp. 139-161, 2018

■ Vulnerability and Government Response to Human Trafficking: Vague Fuzzy Incidence Graphs

John N. Mordeson, Sunil Mathew, Rajabali Borzooei

New Mathematics and Natural Computation, Vol.14, pp. 203-219, 2018

■ Involutive equality algebras

Rajabali Borzooei, M. Zarean, O. Zahiri

SOFT COMPUTING, Vol.22, pp. 7505-7517, 2018

■ P-closure ideals in BCI-algebras

Hosain Moussaei, Habib Harizavi, Rajabali Borzooei

SOFT COMPUTING, Vol.22, pp. 7901-7908, 2018

■ Positive implicative BMBJ-neutrosophic ideals in BCK-algebras

Rajabali Borzooei, Mohammad Mohseni Takallo, F. Samarandache, Young Bea Jun

Neutrosophic Sets and Systems, Vol.23, pp. 126-141, 2018

■ Decomposition of A-ideals in MV-modules

Simin Saidi Goraghani, Rajabali Borzooei

Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.45, pp. 66-77, 2018

■ Computation of Shortest Path in a Vague Network by Euclidean Distance

HOSSEIN RASHMANLOU, SANKAR SAHOO, Rajabali Borzooei, MADHUMANGAL P PAL, A. LAKDASHTI

JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol.30, pp. 115-123, 2018

■ Results on Engel Fuzzy Subgroups

Mohamadzadeh E, Rajabali Borzooei, Jun Y.B.

Algebraic Structures and their Applications, Vol.4, pp. 1-14, 2018

■ PC-lattices: A Class of Bounded BCK-algebras

Sadegh Khosravi Shoar, Rajabali Borzooei, R. Moradian, Atefe Radfar

Bulletin of the Section of Logic, Vol.47, pp. 33-44, 2018

■ Fuzzy congruence relation generated by a fuzzy relation in vector spaces

S. Khosravi Shoar, Rajabali Borzooei, ramin moradian

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.35, pp. 5635-5645, 2018

■ Material implications in lattice effect algebras

Rajabali Borzooei, A. Dvurecenskij, AmirHossein Sharafi

INFORMATION SCIENCES, Vol.433-434, pp. 233-240, 2018

■ Results on Vague Graphs with Applications in Human Trafficking

E. Darabian, Rajabali Borzooei

New Mathematics and Natural Computation, Vol.14, pp. 37-52, 2018

■ Commutative Generalized Neutrosophic Ideals in BCK-Algebras

Rajabali Borzooei, Xiaohong Zhang, Florentin Smarandache, Young Jun

Symmetry-Basel, Vol.10, pp. 350-365, 2018

■ Nodal filters in hoop algebras

A. Namdar, Rajabali Borzooei

SOFT COMPUTING, Vol.22, pp. 7119-7128, 2018

■ Q-Filters of Quantum B-Algebras and Basic Implication Algebras

Xiaohong Zhang, Rajabali Borzooei, Young Jun

Symmetry-Basel, Vol.10, pp. 1-14, 2018

■ Topological Residuated Lattices

Kouhestani N., Rajabali Borzooei

International Journal of Industrial Mathematics, Vol.9, pp. 183-194, 2017

■ MOST RESULTS ON A-IDEALS IN MV -MODULES

S. SAIDI GORAGHANI, Rajabali Borzooei

Journal of Algebraic Systems, Vol.5, pp. 1-13, 2017

■ New Concepts of Fuzzy Labeling Graphs

Hossein Rashmanlou, Rajabali Borzooei

International Journal of Applied and Computational Mathematics, Vol.3, pp. 173-184, 2017

■ Some types of filters in equality algebras

Rajabali Borzooei, Zebardast F., Aaly Kologani M

Categories and General Algebraic Structures with Application, Vol.7, pp. 33-55, 2017

■ Results on Prime Ideals in PMV-algebras and MV-modules

Saidi Goraghani S., Rajabali Borzooei

Italian Journal of Pure and Applied Mathematics, Vol.37, pp. 183-196, 2017

■ A study on soft rough semigroups and corresponding decision making applications

Qiumei Wang, Jianming Zhan, Rajabali Borzooei

Open Mathematics, Vol.15, pp. 1400-1413, 2017

■ Results on equality algebras

Zebardast F., Rajabali Borzooei, Aaly Kologani M

INFORMATION SCIENCES, Vol.381, pp. 270-282, 2017

■ Representation of Polygroups

Ameri R., Rajabali Borzooei, Ghadimi K.

Italian Journal of Pure and Applied Mathematics, Vol.37, pp. 595-610, 2017

■ Covering and paired domination in intuitionistic fuzzy graphs

Sankar Sahoo, Madhumangal Pal, Hossein Rashmanlou, Rajabali Borzooei

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.33, pp. 4007-4015, 2017

■ New conceots of regular and (Highly) Irregular Vague Graphs with Applications

Darabian E., Rajabali Borzooei, Raslunlanlou H., Azadi M.

Fuzzy Information and Engineering, Vol.9, pp. 161-179, 2017

■ Results on Hyper Hoop-Algebras

Rajabali Borzooei, H. R. Varasteh, K. Borna, A. Radfar

New Mathematics and Natural Computation, Vol.13, pp. 61-74, 2017

■ On Engel Fuzzy Subpolygroups

Rajabali Borzooei, E. Mohammadzadeh, Violeta Fotea

■ On topological semi-hoops

M Zarean, Rajabali Borzooei, O Zahiri

Quasigroups and Related Systems, Vol.25, pp. 165-179, 2017

■ Filter Theory of Pseudo Hoop-algebras

Alavi S. Z., Rajabali Borzooei, Aaly Kologani M

Italian Journal of Pure and Applied Mathematics, Vol.37, pp. 619-632, 2017

■ On state equality algebras

Zarean Masoomeh , Rajabali Borzooei, Zahiri Omid

Quasigroups and Related Systems, Vol.25, pp. 307-326, 2017

■ Fuzzy filters in pseudo hoops

S.Z. Alavi, Rajabali Borzooei, M. Aaly Kologani

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.32, pp. 1997-2007, 2017

■ On the category of rough sets

Rajabali Borzooei, A. A. Estaji, Mehri Mobini

SOFT COMPUTING, Vol.21, pp. 2201-2214, 2017

■ State Hoops

Rajabali Borzooei, Aaly Kologani M, Zahiri O

Mathematica Slovaca, Vol.67, pp. 1-16, 2017

■ Tensor Product of Hypervector Spaces

R. Ameri, Ghadimi K., Rajabali Borzooei

European journal of pure and applied mathematics, Vol.10, pp. 702-716, 2017

■ Some results in hoop algebras

A. Namdar, Rajabali Borzooei, A. Borumand Saeid, M. Aaly Kologani

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.32, pp. 1805-1813, 2017

■ New concepts of vague graphs

Rajabali Borzooei, Hossein Rashmanlou

International Journal of Machine Learning and Cybernetics, Vol.8, pp. 1081-1092, 2017

■ Quotient hyper hoop-algebras

Rajabali Borzooei, H.R Varasteh, K. Korna

Italian Journal of Pure and Applied Mathematics, Vol.36, pp. 87-100, 2016

■ Degree and total degree of edges in Bipolar Fuzzy Graphs With Application

Rajabali Borzooei,

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 3271-3280, 2016

■ Isomorphic properties of neighborly irregular vague graphs

Rajabali Borzooei, , Y. B Jun, S Mathew

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 3261-3270, 2016

■ Vague graphs with application

Hossein Rashmanlou, Rajabali Borzooei

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 3291-3299, 2016

■ Vague graphs and strengths

Sovan Samanta, Madhumangal Pal, Hossein Rashmanlou, Rajabali Borzooei

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 3675-3680, 2016

■ Semi global domination sets in vague graphs with application

Rajabali Borzooei, Hossein Rashmanlou

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 3645-3652, 2016

■ Regularity of vague graphs

■ DERIVATIONS OF MV-ALGEBRAS FROM HYPER MV-ALGEBRAS

M. Hamidi, Rajabali Borzooei
Honam Mathematical Journal, Vol.38, pp. 643-659, 2016

■ New concepts of vague competition graphs

Rajabali Borzooei, Hossein Rashmanlou, Sovan Samanta, Madhumangal Pal
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.31, pp. 69-75, 2016

■ Soft Topology and Soft Proximity as Fuzzy Predicates by Formulae of Lukasiewicz Logic

O.R Sayed, Rajabali Borzooei
Iranian Journal of Fuzzy Systems, Vol.13, pp. 153-168, 2016

■ A Study on Fuzzy Labeling Graphs

Rajabali Borzooei, S Samanta, M Pal
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 3349-3355, 2016

■ On Hyper Hoop-algebras

Rajabali Borzooei, Hamidreza Varasteh, Keivan Borna
Ratio Mathematica, Vol.30, pp. 67-81, 2016

■ Product of Bipolar fuzzy graphs and their degree

, S Samanta, M Pal, Rajabali Borzooei
INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, Vol.45, pp. 1-14, 2016

■ Primary decomposition of ideals (submodule) in BCK-algebras

Rajabali Borzooei, Saidi Goraghani S.
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI-SERIE NOUA-MATEMATICA, Vol.62, pp. 633-646, 2016

■ Filter theory on good hyper EQ-algebras

Rajabali Borzooei, Ganji Saffar B.
Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.2, pp. 243-258, 2016

■ Totally L-ordered Groups

Rajabali Borzooei, Seiede Fateme Hoseini,
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 1489-1498, 2016

■ Topology on BL-algebras

, Rajabali Borzooei
FUZZY SETS AND SYSTEMS, Vol.289, pp. 137-150, 2016

■ Fuzzy regular relation on hyper hoop-algebras

H.R. Varasteh, Rajabali Borzooei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.30, pp. 1275-1282, 2016

■ Free MV-Modules

Rajabali Borzooei, S. Saidi Goraghani
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.31, pp. 151-161, 2016

■ A study on vague graphs

Rashmanlou H, Samanta Sovan, Pal Madhumangal , Rajabali Borzooei
SpringerPlus, Vol.5, pp. 1-12, 2016

■ Ring Sum In Product Intuitionistic Fuzzy Graphs

Rajabali Borzooei,
journal of advanced researches in pure mathematics, Vol.7, pp. 16-31, 2015

■ The Category of Soft Sets

Rajabali Borzooei, Mehri Mobini,
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.28, pp. 157-167, 2015

■ Intuitionistic Fuzzy Graphs With Categorical Properties

H. Rashmanlou, S Samanta, M Pal, Rajabali Borzooei
Fuzzy Information and Engineering, Vol.7, pp. 317-334, 2015

■ A note on vague graph

, Rajabali Borzooei
Algebraic Structures and their Applications, Vol.2, pp. 9-19, 2015

■ A Study on Bipolar Fuzzy Graphs

, Sovan Samanta, Madhumangal Pal, Rajabali Borzooei
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.28, pp. 571-580, 2015

■ Engel Fuzzy Subgroups

, Rajabali Borzooei,
Italian Journal of Pure and Applied Mathematics, Vol.34, pp. 251-262, 2015

■ L-ordered and L-lattice ordered groups

Rajabali Borzooei, A. Dvurec?enskij,
INFORMATION SCIENCES, Vol.314, pp. 118-134, 2015

■ On finite B-algebra

, , , , Rajabali Borzooei
Afrika Matematika, Vol.26, pp. 825-847, 2015

■ Ultra and involution ideals in BCK- algebras

saedi siemin, Rajabali Borzooei
Algebraic Structures and their Applications, Vol.2, pp. 23-36, 2015

■ Fundamental hoop-algebras

Rajabali Borzooei, H Varasteh, K Borna
Ratio Mathematica, Vol.29, pp. 25-40, 2015

■ Free Extended BCK-module

Rajabali Borzooei,
Iranian Journal of Mathematical Sciences and Informatics, Vol.10, pp. 29-43, 2015

■ Generalization of integral filters in BL-algebras and n-fold integral BL-algebras

, Rajabali Borzooei
Afrika Matematika, Vol.26, pp. 1299-1311, 2015

■ On Finite B-algebras

Ameri R, Borumand Saeid A, Nematolah Zadeh S.A, Rajabali Borzooei
Afrika Matematika, Vol.26, pp. 825-847, 2015

■ Stabilizer topology of hoop

Rajabali Borzooei,
Algebraic Structures and their Applications, Vol.1, pp. 35-48, 2014

■ Neutrosophic deductive filters on BL-algebras

Rajabali Borzooei, Hadi Farahani, Morteza Moniri
JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.26, pp. 2993-3004, 2014

■ Anti Fuzzy filters of CI-algebras

Rajabali Borzooei, Borumand Saeid Arsham, Rezaei A, Ameri R
Afrika Matematika, Vol.25, pp. 1197-1210, 2014

■ Filter theory on hyper residuated lattices

Rajabali Borzooei, , Omid Zoheyri
Quasigroups and Related Systems, Vol.22, pp. 33-50, 2014

■ Hyper pseudo BCK-algebras with conditions (S) and (P)

, , Rajabali Borzooei
Malaysian Journal of Mathematical Sciences, Vol.8, pp. 87-108, 2014

■ Semitopological BL-algebras and MV-algebras

Omid Zoheyri, Rajabali Borzooei

Demonstratio Mathematica, Vol.XLVII, pp. 522-538, 2014

■ Involutory BE-Algebras

A Rezae, R ameri, A. boromand saeed, Rajabali Borzooei

Journal of Mathematics and Applications, Vol.37, 2014

■ On Finite BM-algebras

Abas Nematoallah Zadeh, Arsham Borumand Saied, Reza Ameri, Rajabali Borzooei, Akefeh Radfar

Kochi Journal of Mathematics, Vol.9, pp. 43-50, 2014

■ Fundamental relation on hyper BCK-algebras

Rajabali Borzooei, ,

Annals of Oradea University - Mathematics Fascicola, Vol.XXI, pp. 123-136, 2014

■ State On BE-algebras

Rajabali Borzooei, Arsham rBorumand Saeid, ,

Kochi Journal of Mathematics, Vol.9, pp. 27-42, 2014

■ Anti Fuzzy filters of CI-algebras

Rajabali Borzooei, , ,

Afrika Matematika, Vol.25, pp. 1197-1210, 2014

■ Fundamental Residuated Lattices

Rajabali Borzooei, Sogol Niazian

Quasigroups and Related Systems, Vol.22, pp. 179-192, 2014

■ On Hyper Pseudo BCK-algebras

Rajabali Borzooei, ,

Iranian Journal of Mathematical Sciences and Informatics, Vol.9, pp. 13-29, 2014

■ On Hyper Pseudo MV-Algebras

Rajabali Borzooei, , ,

Iranian Journal of Mathematical Sciences and Informatics, Vol.9, pp. 13-29, 2014

■ Congruence Relations on Pseudo BE-algebras

, , , Rajabali Borzooei

Annals of the University of Craiova - Mathematics and Computer Science Series, Vol.41, pp. 166-176, 2014

■ Some Remarks on Hyper MV-algebras

Rajabali Borzooei, W.A. Dudek, ,

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS, Vol.27, pp. 2997-3005, 2014

■ Multivalued linear transformations of hyperspaces

Rajabali Borzooei, Reza Ameri, K Ghadimi

Ratio Mathematica, Vol.27, pp. 37-47, 2014

■ Filter Theory of Hoop-algebras

Rajabali Borzooei,

journal of advanced researches in pure mathematics, Vol.6, pp. 72-86, 2014

■ Prime submodules in extended BCK-module

Rajabali Borzooei,

Italian Journal of Pure and Applied Mathematics, Vol.33, pp. 443-448, 2014

■ Rough Set Theory Applied To Hyper BCK-Algebra

Reza Ameri, R Moradian, Rajabali Borzooei

Ratio Mathematica, Vol.26, pp. 3-20, 2014

■ Stabilizer Topology of Hoops

Rajabali Borzooei

■ F-Multi automata on join spaces induced by differential operators

Rajabali Borzooei

JOURNAL OF APPLIED MATHEMATICS, Vol.5, pp. 1386-1391, 2014

■ On (semi)topological residuated lattices

Nader Kohestani, Rajabali Borzooei

Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.41, pp. 15-29, 2014

■ Fuzzy n-fold Fantastic Filters in BL-algebras

Rajabali Borzooei, Akbar Paad

Afrika Matematika, Vol.25, pp. 1001-1012, 2014

■ State BCK-algebras and state-morphism BCK-algebras

Rajabali Borzooei, Antonio Dvurecenskij, Omid Zoheyri

FUZZY SETS AND SYSTEMS, Vol.244, pp. 86-105, 2014

■ On Pseudo BE-algebras

Rajabali Borzooei, , , ,

Discussiones Mathematicae - General Algebra and Applications, Vol.33, pp. 95-108, 2013

■ Integral filters and integral BL-algebras

Rajabali Borzooei, Akbar Paad

Italian Journal of Pure and Applied Mathematics, Vol.30, pp. 303-316, 2013

■ Characterization of Hyper BCI-algebra of Order 3

, , Rajabali Borzooei

Italian Journal of Pure and Applied Mathematics, Vol.30, pp. 141-156, 2013

■ Ordered Polygroups

, Rajabali Borzooei

Ratio Mathematica, Vol.24, pp. 31-40, 2013

■ Soft Ideals of BCC-algebras

, Rajabali Borzooei,

Information Sciences Letters, Vol.2, pp. 63-68, 2013

■ Radical and its Applications in BCH-algebras

Rajabali Borzooei, Omid Zoheyri

Iranian Journal of Mathematical Sciences and Informatics, Vol.8, pp. 15-29, 2013

■ Finite Lattice Implication Algebras

Rajabali Borzooei, Seiede Fateme Hoseini

Jordanian Journal of Mathematics and Statistics (JJMS), Vol.6, pp. 265-283, 2013

■ Fundamental BCC-algebras

Rajabali Borzooei, ,

Annals of the University of Craiova, Mathematics and Computer Science Series, Vol.40, pp. 268-281, 2013

■ Classification of Hyper MV-algebras of Order 3

Rajabali Borzooei,

Ratio Mathematica, Vol.25, pp. 15-28, 2013

■ Quotient hyper pseudo BCK-algebras

, , Rajabali Borzooei

Discussiones Mathematicae - General Algebra and Applications, Vol.33, pp. 147-165, 2013

■ Relation between Hilbert Algebras and BE Algebras

, , Rajabali Borzooei

Applications and applied mathematics, Vol.8, pp. 573-584, 2013

■ Weak Hyper Residuated Lattices

■ On hyper EQ-algebras

Rajabali Borzooei,
Italian Journal of Pure and Applied Mathematics, Vol.31, pp. 77-96, 2013

■ Some Types of Filters in BE-algebras

, , Rajabali Borzooei
Mathematics in Computer Science, Vol.7, pp. 341-352, 2013

■ Fundamental Q-algebras

Rajabali Borzooei,
journal of advanced researches in pure mathematics, Vol.5, pp. 65-79, 2013

■ Fuzzy n-fold integral filters in BL-algebras

Rajabali Borzooei, Akbar Paad
Discussiones Mathematicae - General Algebra and Applications, Vol.33, pp. 57-71, 2013

■ Lattices Structures on Ideals of a BCK algebra

Rajabali Borzooei,
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol.18, pp. 387-399, 2012

■ On Generalized Hilbert Algebras

Rajabali Borzooei,
Italian Journal of Pure and Applied Mathematics, Vol.29, pp. 71-86, 2012

■ Prime ideals in BCI and BCK-algebras

Rajabali Borzooei, Omid Zoheyri
Annals of the University of Craiova - Mathematics and Computer Science Series, Vol.39, pp. 266-276, 2012

■ Classifications of Hyper Pseudo BCK-algebras

Rajabali Borzooei,
Ratio Mathematica, Vol.22, pp. 13-35, 2012

■ some typyes of filters in MTL-algebras

Rajabali Borzooei,
FUZZY SETS AND SYSTEMS, Vol.187, pp. 92-102, 2012

■ Metrizability on (Semi)Topological BL-algebras

Rajabali Borzooei,
SOFT COMPUTING, Vol.16, pp. 1681-1690, 2012

■ Separation Axioms in (Semi)Topological Quotient BL-algebras

Rajabali Borzooei,
SOFT COMPUTING, 2012

■ Quotient Hyper Residuated Lattices

Omid Zoheyri, Rajabali Borzooei, M Bakhshi
Quasigroups and Related Systems, Vol.20, pp. 125-138, 2012

■ Logical characterization of filters on BL-algebras

Morteza Moniri, Hadi Farahani, Rajabali Borzooei
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol.20, pp. 75-87, 2012

■ Graph of BCI-algebras

Omid Zoheyri, Rajabali Borzooei
INTERNATIONAL JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES, Vol.2012, pp. 1-16, 2012

■ Some New Types of Stabilizers in BL-algebras and Their applications

Rajabali Borzooei, Akbar Paad
INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY, Vol.5, pp. 1910-1915, 2012

■ Numerical taxonomy Analysis with Trapezoidal Fuzzy Data

, , Rajabali Borzooei

the journal of mathematics and computer science, Vol.2, pp. 100-110, 2011

■ Extention BCK-module

Rajabali Borzooei, ,

WORLD APPLIED SCIENCES JOURNAL, Vol.12, pp. 1834-1850, 2011

■ On Hyper p-Semisimple I-algebra

, , Rajabali Borzooei

International Journal of algebra, Vol.5, pp. 1117-1133, 2011

■ On (Semi) Topological BL-algebras

Rajabali Borzooei, ,

Journal of Mathematical Sciences and Informatic, Vol.6, pp. 59-77, 2011

■ BCK-algebras of Fractions

Rajabali Borzooei

Scientiae Mathematicae Japonicae, Vol.2010, pp. 471-482, 2010

■ IDEAL THEORY OF BCH ALGEBRAS

, , Rajabali Borzooei

WORLD APPLIED SCIENCES JOURNAL, Vol.7, pp. 1446-1455, 2009

■ Lattice Structure on Generated Weak Hyper BCK-ideals of a Hyper BCK-algebra

Rajabali Borzooei,

Italian Journal of Pure and Applied Mathematics, Vol.26, pp. 227-238, 2009

■ SOME PROPERTIES OF T- FUZZY GENERALIZED SUBGROUPS

, Rajabali Borzooei

Iranian Journal of Fuzzy Systems, Vol.6, pp. 73-87, 2009

■ T FUZZY CONGRUENCS AND T -FUZY FILTERS A BL ALGEBRA

Rajabali Borzooei,

Iranian Journal of Fuzzy Systems, Vol.4, pp. 37-47, 2009

■ Fuzzy Regular Congruence Relations on Hyper K-algebras

, Rajabali Borzooei

South East Asian Journal of Mathematics Mathematical sciences, Vol.33, pp. 209-220, 2009

■ Lattice Structure on some fuzzy Algebraic systems

Rajabali Borzooei, M. Bakhshi, M. Mashinchi

SOFT COMPUTING, Vol.12, pp. 739-749, 2008

■ Fuzzy Regular Congruence Relations on Hyper BCK-algebras

Rajabali Borzooei,

Quasigroups and Related Systems, Vol.16, pp. 175-186, 2008

■ Basic BCI-algebra and Abelian groups Are Equivalent

J. shohani, Rajabali Borzooei, m afshar jahanshahi

Scientiae Mathematicae Japonicae, Vol.66, pp. 243-245, 2007

■ Isomorphism Theorems on Hyper K-algebras

Rajabali Borzooei, Habib Harizavi

Italian Journal of Pure and Applied Mathematics, Vol.21, pp. 83-94, 2007

■ Lattice Structures on Fuzzy Congruence Relations of a Hypergroupoid

Mahmood Bakhshi, Rajabali Borzooei

INFORMATION SCIENCES, Vol.177, pp. 3305-3313, 2007

■ Lattice Structure on Weak Hyper BCK-ideals

Rajabali Borzooei, Mhamood Bakhshi

JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol.13, pp. 179-190, 2007

■ Fuzzy (Strong) Congruence Relations on Hypergroupoids and Hyper BCK-algebras

Reza Ameri, Mahmood Bakhshi, Abbas Nematollah Zadeh, Rajabali Borzooei

Quasigroups and Related Systems, Vol.15, pp. 219-232, 2007

■ Implication Algebras are Equivalent to the Dual Implicative BCK-algebras

Rajabali Borzooei, sadegh Khosravi Shoar

Scientiae Mathematicae Japonicae, Vol.63, pp. 429-431, 2006

■ On Hyper BCC-algebras

Rajabali Borzooei, Wislov Dudek, Nader Kohestani

INTERNATIONAL JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES, Vol.2006, pp. 1-18, 2006

■ Category of Hyper BCK-algebras

Habib Harizavi, Johan MacDonald, Rajabali Borzooei

Scientiae Mathematicae Japonicae, Vol.64, pp. 131-139, 2006

■ Representation Theorem for Some Fuzzy Algebraic Hyperstructures

Mahmood Bakhshi, Mashaallah Mashinchi, Rajabali Borzooei

International Review of Fuzzy Mathematics (IRFM), Vol.1, pp. 73-87, 2006

■ Category of MV-algebras

Rajabali Borzooei, Saeid Kaviani, Mohammad Mahdi Zahedi

Italian Journal of Pure and Applied Mathematics, Vol.19, pp. 61-74, 2006

■ Implicative Hyper K-algebras

Mohammad Mahdi Zahedi, Arsham Borumand Saeid, Rajabali Borzooei

Italian Journal of Pure and Applied Mathematics, Vol.19, pp. 155-168, 2006

■ Implicative Hyper K-ideals

Arsham Borumand Saeid, Mohammad Mahdi Zahedi, Rajabali Borzooei

CZECHOSLOVAK MATHEMATICAL JOURNAL, Vol.55, pp. 439-453, 2005

■ Regular Congruence Relations on Hyper BCK-algebras

Rajabali Borzooei, Habib Harizavi

Scientiae Mathematicae Japonicae, Vol.61, pp. 83-97, 2005

■ Some Results on Hyper K-algebras of Order 3

Rajabali Borzooei

Honam Mathematical Journal, Vol.27, pp. 203-224, 2005

■ Varlet and Additive Hyper K-ideals

Rajabali Borzooei, Mohammad Mahdi Zahedi

Korean Annals of mathematics, Vol.22, pp. 149-161, 2005

■ On Decomposable Hyper BCK-algebras

Rajabali Borzooei, Habib Harizavi

Quasigroups and Related Systems, Vol.13, pp. 193-202, 2005

■ Fuzzy Congruence Relations on Hyper BCK-algebras

Rajabali Borzooei, Mahmood Bakhshi, Yung Bea Jun

The Journal of Fuzzy Mathematics, Vol.13, pp. 627-636, 2005

■ Some Results on Hyper K-algebra of order 3

Rajabali Borzooei

Honam Mathematical Journal, Vol.27, pp. 203-224, 2005

■ Fuzzy(positive Weak) Implicative Hyper BCK-ideal

M Bakhshi, M.M Zahedi, Rajabali Borzooei

Iranian Journal of Fuzzy Systems, Vol.1, pp. 63-79, 2004

■ Hyper I-algebras and polygroups

M.M Zahedi, L. Torkzadeh, Rajabali Borzooei

■ (Weak) Implicative Hyper BCK -ideals

Rajabali Borzooei, M. Bakhshi

Quasigroups and Related Systems, Vol.12, pp. 13-28, 2004

■ Intuitionistic Fuzzy Hyper BCK-Ideals of Hyper BCK- algebras

Rajabali Borzooei

Iranian Journal of Fuzzy Systems, Vol.1, pp. 61-73, 2004

■ On BCC-subalgebras which are BCK- algebras

Rajabali Borzooei, J. Shohani

South East Asian Journal of Mathematics Mathematical sciences, Vol.20, pp. 207-212, 2004

■ Intuitionistic Fuzzy Hyper BCK-Ideal of Hyper BCK-algebra

Rajabali Borzooei, Young Bae Jun

Iranian Journal of Fuzzy Systems, Vol.1, pp. 61-73, 2004

■ On Positive Implicative Hyper BCK-ideal

Rajabali Borzooei, M. Bakhshi

Scientiae Mathematicae Japonicae, Vol.59, pp. 505-516, 2004

■ Some results on Hyper BCK-algebras

Rajabali Borzooei, M. Bakhshi

Quasigroups and Related Systems, Vol.11, pp. 9-24, 2004

■ Some classifications of fuzzy positive implicative HyperK-ideals

Rajabali Borzooei, M.M Zahedi

PU.M.A Pure Math.Appl, Vol.14, pp. 1-13, 2003

■ (Weak) Implicative Hyper K-ideals

, Rajabali Borzooei,

Bulletin of the Korean Mathematical Society, Vol.40, pp. 123-137, 2003

■ (Anti-) Fuzzy Positive Impilicative Hyper K-ideal

Rajabali Borzooei, M.M Zahedi

Italian Journal of Pure and Applied Mathematics, Vol.14, pp. 219-230, 2003

■ Resultson i.p.s. hypergroup

Rajabali Borzooei, A. Hasankhani, h rezaei

JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol.59, pp. 505-516, 2003

■ Fuzzy positive implicative Hyper BCK-ideals of type5 6 7 8

M.M Zahedi, M Bakhshi, Rajabali Borzooei

Journal of Basic Science, Vol.2, pp. 61-69, 2003

■ Some results on fuzzy commutative Hyper BCK-ideal

Rajabali Borzooei, M Bakhshi

Journal of Basic Science, Vol.2, pp. 17-24, 2003

■ Some Kinde of Positive Implicative Hyper K-ideal

Rajabali Borzooei, P. Corsini, M.M Zahedi

JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY, Vol.6, pp. 97-108, 2003

■ Fuzzy Structures on Hyper K-algebras

Rajabali Borzooei,

INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS, Vol.10, pp. 77-93, 2002

■ Some Results on Canonical Cyclic Hypergrond and Join Spaces

Rajabali Borzooei, A. Hasankhani, H. Rezaeei

Italian Journal of Pure and Applied Mathematics, Vol.11, pp. 77-87, 2002

■ Classification of Hyper BCK-algebra of Order3

■ Hyper Kh algebra

Rajabali Borzooei, A. Hasankhani
Italian Journal of Pure and Applied Mathematics, Vol.10, pp. 207-212, 2001

■ Positive Implicative HyperK-ideal

Rajabali Borzooei, M.M Zahedi
Scientiae Mathematicae Japonicae, Vol.53, pp. 525-533, 2001

■ Some Classifications of Hyper K-algebras of Order 3

, Rajabali Borzooei,
Scientiae Mathematicae Japonicae, Vol.53, pp. 133-142, 2001

■ characterization of generalized groups of orders 2 and 3

Rajabali Borzooei, G Rezaei, M.R Molaei, M.M Zahedi
PU.M.A Pure Math.Appl, Vol.11, pp. 543-551, 2001

■ On Hyper BCK algebra

Y.B JUN, X.L Xin, M.M Zahedi, Rajabali Borzooei
Italian Journal of Pure and Applied Mathematics, Vol.8, pp. 127-136, 2000

■ Some Results On Hyper K-algebras

M.M Zahedi, a hassankhani, young bae yun, Rajabali Borzooei
Scientiae Mathematicae Japonicae, Vol.3, pp. 53-59, 2000

■ On Hyper K -algebra

Rajabali Borzooei, a hassankhani, M.M Zahedi, young bae jun
Scientiae Mathematicae Japonicae, Vol.52, pp. 113-121, 2000

■ On a HperK-algebra that Satisfies the Hyper Condition

Y.B Jun, X.L Xin, M.M Zahedi, Rajabali Borzooei
Scientiae Mathematicae Japonicae, Vol.52, pp. 95-101, 2000

■ On Hyper BCK-algebras

Jun Y.B., Zahedi MM, Xin X.L. , Rajabali Borzooei
italian journal of Pure.appl. Math, Vol.8, pp. 127-136, 2000

■ Fuzzy Algebraic Extesion Generated by a Fuzzy Subset And Maximal Fuzzy Algebraic Extension

Rajabali Borzooei, M.M zahedi
Giornale Storico della Lunigiana e del Territorio Lucense, Vol.3, pp. 649-657, 1993

■ گرافهای فازی معکوس دوقطبی

مجید خلیلی، رجبعلی بروزئی، داود ابراهیمی با

سیستم های فازی و کاربردها، نسخه ۶، صفحات: ۲۶۹-۲۸۵

Conference Papers

■ Matching in n-th Type Intuitionistic Fuzzy Graphs

Majid Khalili, Rajabali Borzooei
2020 8th IEEE Joint Congress on Fuzzy and intelligent Systems, pp.80-85

■ True-False Sets

Rajabali Borzooei, Mohammad Mohseni Takallo, Jun Y.B
2020 8th IEEE Joint Congress on Fuzzy and intelligent Systems, pp.222-226

■ Study of filters (ideals) on hoops

Rajabali Borzooei,
International Conference on Fuzzy Logic and Uncertainty Mathematics

■ Some types of filters (Ideals) on hoop

Rajabali Borzooei

International Conference on Fuzzy Logic and Uncertainty Mathematics

■ Fuzzy graphs with applications

Rajabali Borzooei

International Conference on Fuzzy Logic and Uncertainty Mathematics

■ CONNECTIVITY IN INVERSE FUZZY GRAPHS

Rajabali Borzooei, Rasha Almallah

8TH INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS BAKU / AZERBAIJAN

■ Results on vague multigraphs

Rajabali Borzooei

The third international conference on Intelligent Decision Science

■ States on implication basic algebras

Rajabali Borzooei

The third international conference on Intelligent Decision Science

■ Local and Locally Finite Equality Algebras.

Rajabali Borzooei, Massomeh Zarean

Local and Locally Finite Equality Algebras

■ New Concept of Vague Soft Graphs*

Rajabali Borzooei, Behnaz Sheikhhoseini, Mohammad Mohseni Takallo

New Concept of Vague Soft Graphs*

■ Vague graphs with applications

Rajabali Borzooei, Hossein Rashmanlou

9th National Conference on Mathematics of Payame Noor University

■ Some types of fuzzy filters in implication basic algebras

s.m. ghasemi nejad, Rajabali Borzooei

9th National Conference on Mathematics of Payame Noor University

■ RESULTS ON EQUALITY ALGEBRAS

Rajabali Borzooei, M. ZAREAN, O. ZAHIRI

RESULTS ON EQUALITY ALGEBRAS

■ WEAK FILTERS OF IMPLICATION BASIC ALGEBRAS

S. M. GHASEMI NEJAD, Rajabali Borzooei

WEAK FILTERS OF IMPLICATION BASIC ALGEBRAS

■ Relation between Hyper EQ-algebras and Some Other Hyper Structures

Rajabali Borzooei, Batol Ganji Saffar

13 th algebraic hyperstructures and its applications conference

■ Relation Between Hyper K-algebras and Superlattice(Hypersemilattice)

Rajabali Borzooei

13 th algebraic hyperstructures and its applications conference

■ beta-PRODUCT OF VAGUE GRAPHS

Mohammad Mohseni Takallo, Behnaz Sheikhhoseini, Rajabali Borzooei

The 8th Specialized Seminars on Hyperalgebraic Structures and Fuzzy Mathematics

■ Prime QAvoidance of A-ideala in MV-modules

Saidi Goraghani S., Rajabali Borzooei

International Conference on Mathematics of Fuzziness, pp.92-95

■ PRIME AVOIDANCE OF A-IDEALS IN MV MODULES

Rajabali Borzooei, S. SAIDI GORAGHAN

■ FUZZY PRIME IDEALS IN PMV ALGEBRAS

Rajabali Borzooei, S. SAIDI GORAGHANI

International Conference on Mathematics of Fuzziness

■ Strong Domination number of Vague Graphs With Applications

Rajabali Borzooei, Darabian E. , Rashmanlou H.

International Conference on Mathematics of Fuzziness, pp.68-72

■ A FUZZY EPISTEMIC LOGIC.

Hadi Farahani, AmirHossein Sharafi, Rajabali Borzooei

International Conference on Mathematics of Fuzziness

■ Fuzzy Prime Ideals in PMV-algebras

Saidi Gorhani S., Rajabali Borzooei

International Conference on Mathematics of Fuzziness, pp.96-99

■ STRONG DOMINATION NUMBER OF VAGUE

Rajabali Borzooei, elham DARABIAN, H. RASHMANLOU

STRONG DOMINATION NUMBER OF VAGUE

■ hyper pseudo BCK-ideals hyper BCK-algebras

Rajabali Borzooei

■ FUZZY BCK IDEALS A SHORT SURVEY

, Rajabali Borzooei

■ fraction structure on bounded implicative BCK-algebras

Rajabali Borzooei

International conference on mathematics statistics and scientific computing

■ Fuzzy congruence relations on some hyperstures

Rajabali Borzooei

the 10th International Conference Algebraic Hyperstructures and Applications(AHA 2008)

■ Quotient structures on hyper BCK and K-algebras

Rajabali Borzooei

the 10th International Conference Algebraic Hyperstructures and Applications(AHA 2008)

■ Results on Ideals of Hyper BCK-algebras

Rajabali Borzooei,

the 10th International Conference Algebraic Hyperstructures and Applications(AHA 2008)

■ Reviw on hyper K and BCK-modules

Rajabali Borzooei

39th Annual Iranian Mathematics Conference Shahid Bahunar of Kerman

■ Some results on bck-modules

, Rajabali Borzooei

39th Annual Iranian Mathematics Conference Shahid Bahunar of Kerman, pp.668-671

■ Review on hyper K and BCK-algebras

Rajabali Borzooei

39th Annual Iranian Mathematics Conference Shahid Bahunar of Kerman

■ Hyper BCK and K-algebras

Rajabali Borzooei

2nd workshop on algebraic hyperstructures and fuzzy mathematics

■ fuzzy ordered algebraic structures

■ Some results on Generalization of BCK-algebras

J Shohani, Rajabali Borzooei
19th Algebra Seminar, pp.157-160

■ Prime Weak Hyper BCK-ideal of Lower BCK-semilattice

Rajabali Borzooei, H Harizavi
19th Algebra Seminar, pp.13-16

■ Relations among implication algebras hilbert algebras and lattice implication algebras

Rajabali Borzooei,
The Third International Conference on Mathematical Sciences

■ Fuzzy theory related to the non-classical logic algebras

Rajabali Borzooei
International Conference on New Energy Sources

■ Negation and implication algebras

, Rajabali Borzooei
38th Iranian Mathematics Conferences, pp.70-72

■ Relation Among Implicative Algebras and some ordered Algebras

Rajabali Borzooei, A. Khosravi shoar
Algorithmic Complexity and Universal Algebra

■ Topics in Hyper BCK-algebras

Rajabali Borzooei
Workshop on Algebraic Hyperstructures and Fuzzy Mathematics

■ Basic bci-algebra and abelian groups are equivalent

, Rajabali Borzooei
18th Seminar on Algebra, pp.118-120

■ Fuzzy Congruence Relations On Hypergroupoid

Rajabali Borzooei, M Bakhshi
18th Seminar on Algebra, pp.45-48

■ Some Results on Lattice Structures of Some Ordered Algebras

Rajabali Borzooei, Mahmood Bakhshi
Summer School on General Algebra and Orderd Sets

■ Some results on Lattice srtuctures of some ordered Algebras

Rajabali Borzooei, M. Bakhshi
Summer School on General Algebra and Orderd Sets

■ Chain conditions in Hyper BCK-algebras

Mahmood Bakhshi, Rajabali Borzooei
37th Anuall Iranian Mathematics Conference, pp.15-18

■ Multiplicative Positive Implicative Ideals in BCK-algebras

H Karami, Rajabali Borzooei
36th Annual Iranian Mathematics Conference (AIMC36)

■ Construction of BCC-algebras

J Shohani, Rajabali Borzooei
36th Annual Iranian Mathematics Conference (AIMC36)

■ Hyper BCK-algebras

Rajabali Borzooei
36th Annual Iranian Mathematics Conference (AIMC36)

■ Join Spaces of Fuzzy Structures

M Bakhshi, Rajabali Borzooei

36th Annual Iranian Mathematics Conference (AIMC36)

■ Classification of Hyper BCC-algebras

Rajabali Borzooei, N. Kohestani, J. Shohani

9th International Conference in Algebraic Hyperstructures its Applications(AHA 2005)

■ Representation of Fuzzy Hyperstructures

M Bakhshi, M Mashinchi, Rajabali Borzooei

9th International Conference in Algebraic Hyperstructures its Applications(AHA 2005)

■ Positive Implicative Hyper K-ideals on Hyper K-algebras

M Meherpooya, Rajabali Borzooei

9th International Conference in Algebraic Hyperstructures its Applications(AHA 2005)

■ Join Space of Ordered (Hyper) Algebras

M Bakhshi, Rajabali Borzooei, M Mashinchi

9th International Conference in Algebraic Hyperstructures its Applications(AHA 2005)

■ Fuzzy congruence Relations and Isomorphism Theorems on Hyper BCK -algebras

Rajabali Borzooei, M. Bakhshi

IEEE International Workshop on Soft Computing Applications

■ Boolean Lattice Structure on Weak Hyper BCK-ideals

Rajabali Borzooei, M. Bakhshi

Novi Sad Algebraic Conference 2005

■ Classification of Generalized Polygroups

Rajabali Borzooei, G.R Rezaei

Novi Sad Algebraic Conference 2005

■ Some Results On Hyper BCC-algebras

N Kouhestani, Rajabali Borzooei

35th Annual Iranian Mathematics Conference (AIMC35)

■ On (Nil) Radical of a Weak Hyper BCK-ideal

M Bakhshi, Rajabali Borzooei

35th Annual Iranian Mathematics Conference (AIMC35)

■ The Category of Hyper BCK-algebras

Rajabali Borzooei, H Harizavi

35th Annual Iranian Mathematics Conference (AIMC35)

■ Lattice of Weak Hyper BCK-ideals

M Bakhshi, Rajabali Borzooei

16th Seminar on Algebra, pp.89-93

■ On Hyper BCC-algebras

N Kouhestani, J Shohani, Rajabali Borzooei

16th Seminar on Algebra, pp.128-131

■ Fuzzy (Weak) Implicative Hyper BCK-ideals

M.M Zahedi, M Bakhshi, Rajabali Borzooei

5th Iranian Conference on Fuzzy Systems, pp.247-254

■ Correspondence Theorem for Fuzzy Congruence Relationson Hyper BCK-algebras

M Bakhshi, Rajabali Borzooei

5th Iranian Conference on Fuzzy Systems, pp.239-246

■ Fuzzy Quotient Hyper BCK-algebras

Rajabali Borzooei, M Bakhshi

5th Iranian Conference on Fuzzy Systems, pp.263-270

■ Isomorphism Theorems on Hyper K -algebras

Rajabali Borzooei, H. Harizavi

ALC-2004

■ Limits in category of MV-algebras

M.M Zahedi, S. Kaviani, Rajabali Borzooei

International Conference Mathematics

■ Some results on Generalized Polygroups

Rajabali Borzooei, G.R Rezaei

International Conference Mathematics

■ Construction of Quotient Hyper BCK-algebra

Rajabali Borzooei, H. Harizavi

International Conference Mathematics

■ Isomorphism Theorems in hyper BCK-algebras

Rajabali Borzooei, H Harizavi

34th Iranian Mathematics Conference

■ Some Connections between Hyper I-algebras and Polygroups

M.M Zahedi, L. Torkzadeh, Rajabali Borzooei

4th International Algebraic Conference in Ukraine

■ Commutative Hyper BCK -IDEALS

Rajabali Borzooei, M. Bakhshi

4th International Algebraic Conference in Ukraine

■ Some Types of Positive Implicative Hyper BCK-ideals

M Bakhshsi, Rajabali Borzooei

15th Seminar on Algebra

■ Regular Equivalence Relation on Hyper BCK-algebras

H Harizavi, Rajabali Borzooei

15th Seminar on Algebra

■ Fuzzy Positive Implicative Hyper BCK-ideals of type 5 6 7 8

M.M Zahedi, M Bakhshsi, Rajabali Borzooei

4th Seminar on Fuzzy Sets and its Applications, pp.211-218

■ Some Kinds of Fuzzy (weak) Positive Implicative Hyper BCK-ideals

Rajabali Borzooei, M Bakhshsi

4th Seminar on Fuzzy Sets and its Applications

■ Fuzzy Commutative Hyper BCK-ideals

M Bakhshsi, Rajabali Borzooei

4th Seminar on Fuzzy Sets and its Applications, pp.30-36

■ On Positive implicative Hyper K-ideals

Rajabali Borzooei, M.M Zahedi

International Congress of Mathematicians

■ Some Results on (Anti-)Fuzzy Positive Implicative HyperKideals

Rajabali Borzooei, M.M Zahedi

Proceedings of the Third Seminar on Fuzzy Sets and its Applications, pp.46-54

■ Some Ordered (Hyper) Algebraic and Fuzzystructures of Their

Rajabali Borzooei, M.M Zahedi, M Bkhashi

Proceedings of the Third Seminar on Fuzzy Sets and its Applications

■ Fuzzy Positive Implicative Hyper BCK-ideals

M Bakhshsi, Rajabali Borzooei

■ (Weak) Implicative Hyper BCK-ideals

M Bakhshi, Rajabali Borzooei
14th Algebra Seminar

■ Product Equalizer Initial and Terminal Objects in Category of MV-algebras

S Kaviani, Rajabali Borzooei
14th Algebra Seminar

■ Some Results On Hyper K-algebras

Rajabali Borzooei, M.M Zahedi
Abstracts of the AAA63-Workshop on General Algebra combined with CYA17-Conference of Young Algebraists

■ On(Positive) implicative Hyper K-ideals

S.A Borumand, Rajabali Borzooei
Abstracts of the AAA63-Workshop on General Algebra combined with CYA17-Conference of Young Algebraists

■ (Strong weak) Implicative Hyper K-algebras

Rajabali Borzooei, S.A Borumand, M.M Zahedi
8th International Congress on Algebraic Hyperstructures and Applications (8th AHA), pp.103-114

■ Some Results on Hyper K-algebra of order 3 and a computer Demonstration of it

H Rezaei, Rajabali Borzooei, M.M Zahedi
8th International Congress on Algebraic Hyperstructures and Applications (8th AHA)

■ Some results on (Weak) Implicative Hyper K-ideals

S.A Borumand, M.M Zahedi, Rajabali Borzooei
8th International Congress on Algebraic Hyperstructures and Applications (8th AHA), pp.91-102

■ Generalized Polygroup

G.R Rezaei, Rajabali Borzooei
8th International Congress on Algebraic Hyperstructures and Applications (8th AHA), pp.223-230

■ Fuzzy positive implicative Hyper K-ideals of type 5 6 7 and 8

Rajabali Borzooei, M.M Zahedi
Proceedings of the 9th IFSA World Congress and 20th NAFIPS 2001, pp.1-6

■ Fuzzy Positive implicative Hyper K-ideals of type 1 2 3 and 4

M.M Zahedi, Rajabali Borzooei, H. Rezaei
Proceedings of the 9th IFSA World Congress and 20th NAFIPS 2001, pp.1210-1215

■ Classification of Generalized groups of order 2 and 3

Rajabali Borzooei, G. Rezaei, M.R Molaei
Proceedings of the WSES Annual Multiconference in Applied and Theoretical Mathematics (NEW FAQ), pp.29-33

■ A Classifications of Hyper K-algebras of order 3 which satisfy the simple condition

M.M Zahedi, Rajabali Borzooei, H Rezaei
Proceedings of the International Congress Constantin Caratheodory in his ... origins, pp.207-216

■ Varlet and additive HyperK -ideals of a hyper K-algebra

Rajabali Borzooei, M.M Zahedi
Proceedings of the International Congress Constantin Caratheodory in his ... origins, pp.91-100

■ Hyper BCK-algebra of order 3

Rajabali Borzooei, H. Rezai, M.M Zahedi
Proceedings of the International Congress Constantin Caratheodory in his ... origins

■ A classifications of Hyper K-Algebra of order 3 which satisfy the normal condition

M.M Zahedi, Rajabali Borzooei, H Rezaei
Proceedings of the 31th Iranian Mathematics Conference, pp.317-325

■ On positive implicative Hyper K-Ideal of type 1 2 3 and 4

■ Fuzzy Hyper K-subalgebras and Hyper K-ideals

Rajabali Borzooei, M.M Zahedi
Proceedings of the Fourth Asian Fuzzy Systems Symposium, pp.222-227

■ varlet and additive Hyper BCK-Ideals

Rajabali Borzooei, Y.B Jun, M.M Zahedi
Proceedings of the 12th Algebra Seminar (World Mathematical year), pp.30-36

■ On Hypergroup

Rajabali Borzooei, A Hasankhani, H Rezaei
Proceedings of the 12th Algebra Seminar (World Mathematical year), pp.20-29

■ Some Results on Hyper BCK-algebras

Rajabali Borzooei, Y.B Jun, M.M Zahedi
Abstracts of the International Congress AHA-99

■ Weak Hyper BCK -algebra (ideal)

Rajabali Borzooei, A. Hasan khani, M.M Zahehd, Y.B Jun
Proceedings of the 30th Iranian International Conference on Mathematics, pp.43-47

■ Bounded Weak Hyper BCK-algebra

M.M Zahedi, Rajabali Borzooei, A. Hasan khni
Proceedings of the 30th Iranian International Conference on Mathematics, pp.65-69

■ Statistical Review of mathematics Education in new High school Organization

Rajabali Borzooei
3th Iranian Conference of mathematics education, pp.65-75

■ Fuzzy Topological Space

Rajabali Borzooei, G.R Rezaei
Abstracts of the 7th Seminar on Analysis and its Applications

■ On fuzzy Algebraic field and fuzzy Transcendental basis

Rajabali Borzooei, M.M Zahedi
Proceedings of the 26th Iranian Mathematical Conference, pp.309-315

■ On fuzzy (algebraic)separable Field extension

Rajabali Borzooei, M.M Zahedi
Proceedings of the 25th Iranian Mathematical Conference

■ Fuzzy subfiled and fuzzy algebraic Field Extention

Rajabali Borzooei, M.M Zahedi
Proceedings of the 24th Annual Iranian Mathematical Conference, pp.19-24

■ Fuzzy Algebraice field Extensions

Rajabali Borzooei, M.M Zahedi
Proceedings of the first asian fuzzy Systems Symposium, pp.1102-1107

Degree–Associated Reconstruction Number of Balanced ■

مهرنوش شادروان، رجیلی بروئی
پنجاه و یکمین کنفرانس ریاضی ایران، صفحات: ۴۶۶-۴۶۳

Ideals of (MV)EMV –Semirings ■

رجیلی بروئی، مرجان شنواری، زهیری امید
yth Iranian Joint Congress on Fuzzy and Intelligent Systems، صفحات: ۳۵۲-۳۴۷

Connected Graphs are Hesitancy Fuzzy Magic Labelizing Graphs ■

محمد فتحعلیان، محمد حمیدی، رجیلی بروئی

صفحات: ۷۹-۷۴، ۷th Iranian Joint Congress on Fuzzy and Intelligent Systems،

New Concept of T-Fuzzy Graph ■

رجیلی بروئی، بهناز شیخ حسینی، محمد محسنی تکلو

۷th Iranian Joint Congress on Fuzzy and Intelligent Systems، ۱۴۳-۱۴۷،

New Concepts of Matching in Fuzzy Graphs ■

خلیلی مجید، رجیلی بروئی

۷th Iranian Joint Congress on Fuzzy and Intelligent Systems، ۴-۱،

Cubic Structure Applied to Graph ■

Young Bae Jun، رجیلی بروئی، محمد محسنی تکلو

۷th Iranian Joint Congress on Fuzzy and Intelligent Systems، ۲۲۴-۲۱۸،

MBJ-Neutrosophic Graphs ■

Y. B. Jun، الهام بابائی، رجیلی بروئی

۷th Iranian Joint Congress on Fuzzy and Intelligent Systems، ۳۹-۳۴،

Lexicographic Product of Vague Graphs ■

محمد محسنی تکلو، رجیلی بروئی، بهناز شیخ حسینی

ششمین کنگره مشترک سیستم های فازی و هوشمند

New Concept of Vague Soft Graphs ■

رجیلی بروئی، محمد محسنی تکلو، بهناز شیخ حسینی

ششمین کنگره مشترک سیستم های فازی و هوشمند، صفحات: ۱۵۸-۱۶۱،

Local and Locally Finite Equality Algebras ■

مصطفویه زرین، رجیلی بروئی

ششمین کنگره مشترک سیستمهای فازی و هوشمند ایران

Relation between equality algebras and some logical algebras ■

مونا عالی کولگانی، فاطمه زبردست، رجیلی بروئی

همین همایش ملی ریاضی دانشگاه پیام نور

Logic of Lattice Eect Algebras ■

Sonja Smets، سروش رفیعی راد، Anatolij Dvure?censkij، امیرحسین شرفی، رجیلی بروئی

چهل و هشتمین کنفرانس ریاضی ایران

■ یک منطق شناختی فازی

امیرحسین شرفی، رجیلی بروئی، هادی فراهانی

کنفرانس بین المللی ریاضیات فازی

Fuzzy Filters on Hyper Hoop-algebras ■

A New Definition for Nilpotent Fuzzy Subgroups ■

Some new concepts on highly irregular vague graphs ■

TOPICS IN INTUITIONISTIC FUZZY LOGIC ■

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SOME TOPICS ON LOGICAL ALGEBRAS ■

SOME RESULTS ON PSEUDO BCK – ALGEBRAS ■

RESULTS ON FUZZY FILTERS IN BL ALGEBRAS ■

More Results about Generalization of BCK–algebras ■

رجیعلی بروزئی، Javad Shohani

۱۰۵-۱۰۶ صفحات: ۴th Anual Iranian Mathematics Conference،

Fuzzy Congruence Relations on Gamma Near–Rings ■

رجیعلی بروزئی، M Bakhshi، F. Aghaei

۱۷-۱۸ صفحات: ۵th Iranian Conference on Fuzzy Systems and ۱th Islamic World Conference on Fuzzy Systems،

Fuzzy Regular Congruence Relations on BCC–algebras ■

رجیعلی بروزئی، Mahmood Bakhshi

۱۸-۱۹ صفحات: ۵th Iranian Conference on Fuzzy Systems and ۱th Islamic World Conference on Fuzzy Systems،

Lattice Structure on Ideals of a (Hyper) BCK–algebra ■

رجیعلی بروزئی، Mahmood Bakhshi

۱۹-۲۰ صفحات: ۵th Iranian Conference on Fuzzy Systems and ۱th Islamic World Conference on Fuzzy Systems،

Category of Hyper K(BCK)–algebras ■

رجیعلی بروزئی، H Harizavi

۱۷-th Algebra Seminar، ۴۸-۵۱ صفحات:

Properties of Negation in BCK–algebras and Hilbert Algebras ■

رجیعلی بروزئی، Javad Shohani

۲۰-۲۱ صفحات: ۱۷th Seminar on Algebra،

Topics on BCK–algebras ■

رجیعلی بروزئی، Mohammad Mahdi Zahedi، Mahmood Bakhshi

۲۶-۲۷ صفحات: ۱۷th Seminar on Algebra،

On the Lattice of Weak Hyper K–ideals of Hyper K–algebras ■

رجیعلی بروزئی، Mahmood Bakhshi

۳۴-۳۹ صفحات: ۱۷th Seminar on Algebra،

Properties of Negation in BCK–algebras and Hilbert Algebras ■

رجیعلی بروزئی، Javad Shohani

۲۲-۲۵ صفحات: ۱۷th Seminar on Algebra،

vth Iranian Joint Congress on Fuzzy and Intelligent Systems ■

رجیعلی بروزئی

۸۲ صفحات: ۸th Iranian Joint Congress on Fuzzy and Intelligent Systems،

thesis and doctoral thesis

■ Reconstruction of Graphs and Fuzzy Graphs

Mehroonoo Shadravan

2023

■ True and False sets and Their applications

Mohammad Mohseni Takallo

2022

■ Study of soft and rough structures on hoop algebras

Elham Babaei

2021

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Narges Akhlaghinia

2021

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2019

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