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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1999 - 2002

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 1998 - 1999

Undergraduate, Middle East Technical University, Faculty Of Education, Matematik, Turkey 1991 - 1996

Research Areas

Mathematics, Commutative Rings and Algebras, Group Theory and Generalizations, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2017 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2012 - 2017

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2004 - 2012

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 1998 - 2004

Academic and Administrative Experience

Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2020 - Continues

Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2017 - Continues

Rector's Advisor, Yildiz Technical University, 2017 - 2020

Secretary General, Yildiz Technical University, Rectorate, 2017 - 2020

Yıldız Teknik Üniversitesi, Personel , 2016 - 2017

Yıldız Teknik Üniversitesi, Avrupa Birliği Ofisi, 2011 - 2017

Yıldız Teknik Üniversitesi, Fen Bilimleri, 2015 - 2016

Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, 2014 - 2016

Advising Theses

- ERSOY B. A., Bazı Özel Devirli Kodlar Ailesi ve DNA Uygulamaları, Doctorate, E.Segah(Student), 2017
- ERSOY B. A., Ortaokul Müdürlüklerinin Toplumsal Yeterliklerinin belirlenmesi, Postgraduate, M.hasanoğulları(Student), 2016
- ERSOY B. A., NTRU kriptosistemi, Postgraduate, S.Tekin(Student), 2016
- ERSOY B. A., Bulanık Esnek Gamma Halkaları, Postgraduate, S.ONAR(Student), 2016
- ERSOY B. A., İdealistik Esnek Gamma Halkalarında Bulanık izomorfizma Teoremleri, Postgraduate, E.Aktaş(Student), 2016
- ERSOY B. A., İlkokul Müdürlerinin İnsan Kaynaklarını Yönetme Yeterliklerinin Belirlenmesi, Postgraduate, Y.Sözeri(Student), 2016
- ERSOY B. A., Genelleştirilmiş Bulanık esnek Kümenin Sınıf Uygulaması, Postgraduate, A.Kesik(Student), 2016
- ERSOY B. A., Manipulatifler kullanılarak Yapılan Öğretimin 11. Sınıf Öğrencilerinin Matematik Başarısına Etkisi, Postgraduate, N.Bayındır(Student), 2016
- ERSOY B. A., Bulanık Gamma Halkalarının Karakteristiği, Postgraduate, S.Yavuz(Student), 2016
- ERSOY B. A., Sezgisel Bulanık Esnek Gamma halkaları, Postgraduate, Z.Yılmaz(Student), 2016
- ERSOY B. A., Belirsiz esnek Gamma Halkaları ve İdealistik Belirsiz esnek Gamma Halkalar, Postgraduate, M.bolat(Student), 2016
- ERSOY B. A., Bulanık gruplar ve bulanık halkalar, Postgraduate, T.İncekalan(Student), 2016
- ERSOY B. A., Belirleme kodları ve küme kaplama problemi, Postgraduate, F.Kuruz(Student), 2016
- ERSOY B. A., Bulanık Hipermoduller, Postgraduate, O.Faruk(Student), 2016
- ERSOY B. A., Bulanık Altmoduller, Postgraduate, F.Çeliker(Student), 2016
- ERSOY B. A., Gamma Modullerinin Bulanık Alt modulleri, Doctorate, F.ÇELİKLER(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **S-Zariski Topology on S-Spectrum of Modules**
Yıldız E., Ersoy B. A., Tekir Ü.
FILOMAT, vol.36, no.20, pp.7103-7112, 2023 (SCI-Expanded)
- II. **Amalgamated algebras along an ideal defined by 1-absorbing-like conditions**
El Khalfi A., Kolotoğlu T., Mahdou N., Tekir Ü., Ersoy B. A.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.22, no.1, pp.1-10, 2023 (SCI-Expanded)
- III. **Φ - δ -Primary Hyperideals in Krasner Hyperrings**
Guan H., Kaya E., Bolat M., Onar S., Ersoy B. A., Hila K.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2022, pp.1-12, 2022 (SCI-Expanded)
- IV. **r -Hyperideals and Generalizations of r -Hyperideals in Krasner Hyperrings**
Xu P., Bolat M., Kaya E., Onar S., Ersoy B. A., Hila K.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2022, pp.1-10, 2022 (SCI-Expanded)
- V. **On ϕ - δ -Primary Submodules**
Ersoy B. A., Tekir Ü., Kaya E., Bolat M., Koç S.
Iranian Journal Of Science And Technology Transaction A-Science, vol.1, pp.1-7, 2022 (SCI-Expanded)
- VI. **Intuitionistic Fuzzy Multi-Hypergroups**
Onar S., Ersoy B. A., Davvaz B., Hila K.
Journal Of Multiple-Valued Logic And Soft Computing, vol.38, no.5-6, pp.431-465, 2022 (SCI-Expanded)
- VII. **Intuitionistic fuzzy multi-polygroups**
Onar S., Ersoy B. A., Davvaz B., Hila K.
Computational & Applied Mathematics, vol.41, no.12, pp.1-23, 2022 (SCI-Expanded)
- VIII. **2-Absorbing ϕ - δ -Primary Ideals**
Yavuz S., Onar S., Ersoy B. A., Tekir Ü., Koç S.
Turkish Journal Of Mathematics, no.46, pp.1, 2021 (SCI-Expanded)
- IX. **On Real Curve Construction for Asymptotic Critical Value Set of a Polynomial Map**
Tanabé S., Gündüz A., Ersoy B. A.

Comptes Rendus De L Academie Bulgare Des Sciences, vol.74, no.5, pp.649-657, 2021 (SCI-Expanded)

- X. **On S-Zariski topology**
Yıldız E., Ersoy B. A., Tekir Ü., Koç S.
COMMUNICATIONS IN ALGEBRA, vol.49, no.3, pp.1212-1224, 2020 (SCI-Expanded)
- XI. **Vague soft module**
ONAR S., YAVUZ S., ERSOY B. A., HILA K.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.34, no.4, pp.2597-2609, 2018 (SCI-Expanded)
- XII. **A Study on Fuzzy 2-absorbing Primary Gamma-ideals in Gamma-rings**
ONAR S., SÖNMEZ D., ERSOY B. A., YEŞİLOT G., HILA K.
FILOMAT, vol.31, no.18, pp.5753-5767, 2017 (SCI-Expanded)
- XIII. **On 2-Absorbing Primary Fuzzy Ideals of Commutative Rings**
SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A., DAVVAZ B.
MATHEMATICAL PROBLEMS IN ENGINEERING, 2017 (SCI-Expanded)
- XIV. **INTUITIONISTIC FUZZY SOFT SEMIRINGS**
ERSOY B. A., ÖZKİRİŞÇİ N. A.
AZERBAIJAN JOURNAL OF MATHEMATICS, vol.6, no.2, 2016 (SCI-Expanded)
- XV. **ON GENERALIZED ROUGH (m, n)-BI-Gamma-HYPERIDEALS IN Gamma-SEMIHYPERGROUPS**
HI K., ERSOY B. A., ONAR S., DAVVAZ B.
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.77, no.2, pp.93-104, 2015 (SCI-Expanded)
- XVI. **STRUCTURE OF IDEALISTIC FUZZY SOFT Gamma-NEAR-RING**
ERSOY B. A., ONAR S., DAVVAZ B., HILA K.
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.77, no.3, pp.15-28, 2015 (SCI-Expanded)
- XVII. **Fuzzy Gamma-Hyperideals in Gamma-Hypersemirings by Using Triangular Norms**
ERSOY B. A., DAVVAZ B., ONAR S., LEOREANU-FOTEA V.
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
- XVIII. **On generalized intuitionistic fuzzy subhyperalgebras of Boolean hyperalgebras**
HILA K., ONAR S., ERSOY B. A., DAVVAZ B.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- XIX. **Atanassov's intuitionistic fuzzy Gamma - hyperideals of Gamma - semihypergroups**
ERSOY B. A., DAVVAZ B.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.25, no.2, pp.463-470, 2013 (SCI-Expanded)
- XX. **Structure of Intuitionistic Fuzzy Sets in Gamma-Semihyperrings**
ERSOY B. A., DAVVAZ B.
ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
- XXI. **Fuzzy soft Gamma-ring**
ONAR S., ERSOY B. A., TEKİR Ü.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.36, pp.469-476, 2012 (SCI-Expanded)
- XXII. **On fuzzy interior Gamma-hyperideals of Gamma-semihypergroups**
ERSOY B. A., SARICAĞLU Y., YENİGUN M., DAVVAZ B.
UTILITAS MATHEMATICA, vol.88, pp.157-170, 2012 (SCI-Expanded)
- XXIII. **Fuzzy semiprime ideals in Gamma-rings**
ERSOY B. A.
International Journal Of Physical Sciences, no.54, pp.308-312, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Direct Product of Finite Intuitionistic Fuzzy Normal Subrings over Non-Associative Rings**

Kausar N., Munir M., Kousar S., Farajzadeh A., ERSOY B. A.

THAI JOURNAL OF MATHEMATICS, vol.20, no.3, pp.1041-1064, 2022 (ESCI)

- II. **2-Absorbing delta-Primary Intuitionistic Fuzzy Ideals of Commutative Rings**
Onar S., Özkan E. M., Ersoy B. A., Hila K.
NEW MATHEMATICS AND NATURAL COMPUTATION, 2022 (ESCI)
- III. **Intuitionistic fuzzy 2-absorbing semiprimary ideals of commutative rings**
Onar S., Yavuz S., Ersoy B. A., Hila K.
JOURNAL OF DISCRETE MATHEMATICAL SCIENCES AND CRYPTOGRAPHY, vol.25, no.8-A, pp.2353-2368, 2022 (ESCI)
- IV. **(T,S)-Intuitionistic Fuzzy Hyperideals of Γ -Hyperrings**
Ersoy B. A., Onar S., Hila K., Naka K.
Applied Mathematics & Information Sciences, vol.15, no.3, pp.329-3423, 2021 (Scopus)
- V. **Study of Γ -hyperrings by fuzzy hyperideals with respect to a t-norm**
Naka K., Hila K., Onar S., Ersoy B. A.
An International Scientific Journal of Sapientia Hungarian University of Transylvania, vol.11, no.2, pp.306-331, 2020 (ESCI)
- VI. **ON CYCLIC CODES AND CYCLIC LCD CODES FROM THE FAMILY OF GROUP RINGS $Z(4)C(n)$**
Köroğlu M. E., Ersoy B. A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, pp.541-549, 2019 (ESCI)
- VII. **Soft Γ -Semirings**
Bektaş Ö., Gürses N., Onar S., Ersoy B. A.
Math: Modelling, Application and Theory, vol.3, pp.1-16, 2018 (Peer-Reviewed Journal)
- VIII. **2-Absorbing δ -Primary Fuzzy Ideals of Commutative Rings**
Sönmez D., Yeşilot G., Onar S., Ersoy B. A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.9, pp.23-29, 2018 (Peer-Reviewed Journal)
- IX. **Intuitionistic Fuzzy 2-Absorbing Primary Ideals of Commutative Rings**
Yavuz S., Onar S., Sönmez D., Ersoy B. A., Yeşilot G.
Turkish Journal of Mathematics and Computer Science, no.8, pp.37-48, 2018 (Peer-Reviewed Journal)
- X. **ON δ -PRIMARY HYPERIDEALS OF COMMUTATIVE SEMIHYPERRINGS**
ABUMGHASEEB A., ERSOY B. A.
Sigma Journal of Engineering and Natural Sciences, pp.63-67, 2018 (ESCI)
- XI. **Primary hyperideals of multiplicative hyperrings**
Sevim E. Ş., Ersoy B. A., Davvaz B.
EURASIAN BULLETIN OF MATHEMATICS, vol.1, no.1, pp.43-49, 2018 (Peer-Reviewed Journal)
- XII. **INTUITIONISTIC FUZZY WEAKLY PRIME IDEALS**
ARKAN T., ONAR S., SÖNMEZ D., ERSOY B. A.
Journal of Hyperstructures, vol.6, pp.83-92, 2017 (Peer-Reviewed Journal)
- XIII. **INTUITIONISTIC FUZZY 2-ABSORBING IDEALS OF COMMUTATIVE RINGS**
YAVUZ S., ONAR S., SÖNMEZ D., ERSOY B. A.
Journal of Hyperstructures, vol.6, pp.56-71, 2017 (Peer-Reviewed Journal)
- XIV. **FUZZY WEAKLY PRIME Γ -IDEALS IN Γ -RINGS**
Yeşilkurt G., ONAR S., SÖNMEZ D., ERSOY B. A.
Journal of Hyperstructures, vol.6, pp.14-26, 2017 (Peer-Reviewed Journal)
- XV. **Soft Γ - Modules**
ONAR S., YAVUZ S., ERSOY B. A.
Ratio Mathematica, vol.32, pp.45-62, 2017 (Peer-Reviewed Journal)
- XVI. **Intuitionistic Fuzzy Soft Semi-ideals**
ERSOY B. A., ÖZKİRİŞÇİ N. A.
AZERBAIJAN JOURNAL OF MATHEMATICS, vol.6, no.2, pp.44-54, 2016 (ESCI)

- XVII. **A study on fuzzy (prime) hyperideals of γ -hypersemirings**
 ERSOY B. A., DAVVAZ B.
 Romanian Journal of Mathematics and Computer science, vol.13, no.1, pp.82-95, 2013 (Peer-Reviewed Journal)
- XVIII. **Some Properties of Intuitionistic Fuzzy Soft Rings**
 ERSOY B. A., ONAR S., HILA K., DAVVAZ B.
 Journal of Mathematics, vol.2013, pp.1-8, 2013 (Scopus)
- XIX. **Isomorphism theorems for fuzzy submodules of gamma modules**
 Ersoy B. A.
 International Journal of Physical Sciences, no.6, pp.1834-1839, 2011 (Peer-Reviewed Journal)
- XX. **Fuzzy Relation On Modules**
 ERSOY B. A.
 International Journal of Algebra, vol.3, no.20, pp.1007-1014, 2009 (Peer-Reviewed Journal)
- XXI. **Fuzzy Euclidean Ideals**
 ERSOY B. A.
 Applied Sciences, vol.8, no.1, pp.13-22, 2006 (Peer-Reviewed Journal)
- XXII. **Cartesian Product on Fuzzy Prime Ideals**
 ERSOY B. A.
 Journal of Applied Sciences, vol.2, no.11, pp.1022-1024, 2002 (Peer-Reviewed Journal)
- XXIII. **About Euclidean Rings**
 ERSOY B. A.
 Yıldız Teknik Üniversitesi Dergisi Journal of Engineering and Natural Sciences, vol.1, no.1, pp.36-44, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Fen Liseleri için İleri Matematik**
 ERSOY B. A.
 Tubitak, 2015
- II. **soyut cebir**
 AĞARGÜN A. G., ERSOY B. A., ALAN M., ORAL K. H., AYGÖR N.
 Birsan, İstanbul, 2015
- III. **Soyut Cebir II**
 Ersoy B. A., Ağargün G., Aygör N., Alan M.
 Ytu Vakfı Yayınları, İstanbul, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. **ϕ -S-prime Ideals of Commutative Rings**
 Bolat M., Kaya E., Onar S., Koç S., Ersoy B. A., Tekir Ü.
 4th International Congress on Applied Sciences, Engineering and Mathematics (ICASEM), Tekirdağ, Turkey, 20 - 23 October 2022, pp.11
- II. **On S-maximal Ideals**
 Yıldız E., Ersoy B. A., Tekir Ü.
 ICASEM IV. International Congress on Applied Sciences, Engineering and Mathematics, Tekirdağ, Turkey, 20 - 23 October 2022, pp.18
- III. **A Topology on S-Spectrum of a Module**
 Yıldız E., Ersoy B. A., Tekir Ü.
 INTERNATIONAL GRADUATE RESEARCH SYMPOSIUM IGRS'22, İstanbul, Turkey, 1 - 03 June 2022
- IV. **Vague Soft Lattices**

Onar S., Özkan E. M., Ersoy B. A.

8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS2021), Antalya, Turkey, 19 - 21 October 2021, pp.1

V. **Intuitionistic Complex Fuzzy Hv-Subgroups**

Yavuz S., Onar S., Ersoy B. A.

8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS2021), Antalya, Turkey, 19 - 21 October 2021, pp.1

VI. **δ -Primary Subhypermultiples on Krasner Hyperring**

Kaya E., Bolat M., Onar S., Ersoy B. A.

8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS2021), Antalya, Turkey, 19 - 21 October 2021, pp.1

VII. **r-Subhypermultiples on Krasner Hyperring**

Bolat M., Kaya E., Onar S., Ersoy B. A.

8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS2021), Antalya, Turkey, 19 - 21 October 2021, pp.1

VIII. **2-Absorbing ϕ - δ -Primary Ideals**

Yavuz S., Koç S., Onar S., Ersoy B. A., Tekir Ü.

3rd International Conference on Life and Engineering Sciences, İstanbul, Turkey, 11 - 13 December 2020, pp.48

IX. **r-Hyperideals and Generalizations of r-Hyperideals**

Bolat M., Kaya E., Onar S., Ersoy B. A.

3rd International Conference on Life and Engineering Sciences, İstanbul, Turkey, 11 - 13 December 2020, pp.41

X. **ϕ - δ -Primary Hyperideals in Krasner Hyperring**

Kaya E., Bolat M., Onar S., Ersoy B. A.

3rd International Conference on Life and Engineering Sciences, İstanbul, Turkey, 11 - 13 December 2020, pp.36

XI. **δ -r-Hyperideals and ϕ - δ -r-Hyperideals of Commutative Hyperring,**

Bolat M., Kaya E., Onar S., Ersoy B. A.

3rd International Conference on Life and Engineering Sciences, İstanbul, Turkey, 11 - 13 December 2020, pp.42

XII. **A Generalization of Zariski Topology**

Yıldız E., Ersoy B. A., Tekir Ü., Koç S.

4th International Conference on Mathematics, İstanbul, Turkey, 27 - 30 October 2020, pp.158

XIII. **m-adic Residue Codes over $F_q[v]/(v^s-v)$**

KÜRÜZ F., ERSOY B. A.

International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 June 2018, pp.1

XIV. **Matematik Müfredat Programları ve Ders Kitaplarına Yansıması Bağlamında Bir İlişki Analizi**

DOĞAN M., KARAKAYA V., ERSOY B. A.

International Symposium On Textbooks (DEKUS 2018), İstanbul, Turkey, 12 - 14 April 2018

XV. **Intuitionistic Fuzzy Soft Γ -Regular Semigroup**

Onar S., Ersoy B. A.

4th International Conference on Pure and Applied Sciences: Renewable Energy (ICPAS 2017), İstanbul, Turkey, 23 November 2017, pp.99

XVI. **A Note On 2-Absorbing Primary Fuzzy Ideals", ANKARA,**

SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.

The 5th International Fuzzy Systems Symposium (FUZZYSS'xx17), 14 - 15 November 2017

XVII. **Intuitionistic Fuzzy 2-Absorbing Primary Ideals of Commutative Rings**

Yavuz S., ONAR S., ERSOY B. A., SÖNMEZ D.

The 5th International Fuzzy Systems Symposium (FUZZYSS'17), Ankara, Turkey, 14 October 2017, pp.52

XVIII. **Vague Soft Gamma Semigroup**

ONAR S., ERSOY B. A.

The 5th International Fuzzy Systems Symposium (FUZZYSS'17), Ankara, Turkey, 14 October 2017, pp.64

XIX. **A Note On 2-Absorbing Primary Fuzzy Ideals**

SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.

- The 5th International Fuzzy Systems Symposium (FUZZYSS'17), Ankara, Turkey, 14 October 2017, pp.9
- XX. **On LCD codes from group rings**
Köroğlu M. E., Ersoy B. A.
International Congress on Fundamental and Applied Sciences 2017 (ICFAS2017), Sarajevo, Bosnia And Herzegovina, 21 - 25 August 2017, pp.90
- XXI. **2-Absorbing δ -Primary Fuzzy Ideals of Commutative Rings**
SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.
13th Algebraic Hyperstructures and its Applications, İstanbul, Turkey, 24 - 27 July 2017
- XXII. **Fuzzy Weakly Prime Gamma-Ideal in Gamma-Rings**
ERSOY B. A., sönmez d., onar s., Yeşilkurt G.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 July 2017, pp.59
- XXIII. **Fuzzy Weakly Prime γ -Ideal in γ -Rings**
Yeşilkurt G., ONAR S., SÖNMEZ D., ERSOY B. A.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 July 2017, pp.59
- XXIV. **The embedding of an ordered semihypergroup in terms of fuzzy sets**
Naka K., Hila K., ONAR S., ERSOY B. A.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 July 2017, pp.84-85
- XXV. **Study of γ -hyperring by fuzzy hyperideals with respect to a γ -norm**
Naka K., Hila K., ONAR S., ERSOY B. A.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 July 2017, pp.78-80
- XXVI. **Intuitionistic Fuzzy Weakly Prime Ideals**
Arkan T., ONAR S., SÖNMEZ D., ERSOY B. A.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 July 2017, pp.52
- XXVII. **On an algebra of fuzzy γ -ary semihypergroups**
Naka K., Hila K., ONAR S., ERSOY B. A.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 July 2017, pp.81-82
- XXVIII. **Intuitionistic Fuzzy 2-Absorbing Ideals of Commutative Rings**
Yavuz S., ONAR S., SÖNMEZ D., ERSOY B. A.
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 July 2017, pp.60
- XXIX. **A class of LCD codes from group rings**
Köroğlu M. E., Ersoy B. A.
13th International Conference on Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 - 27 July 2017, pp.1
- XXX. **Cyclic codes over a non-commutative ring**
Akbiyik S., ERSOY B. A.
7th International Conference on Modeling, Simulation, and Applied Optimization, ICMSAO 2017, Sharjah, United Arab Emirates, 4 - 06 April 2017
- XXXI. **Polycyclic codes over a finite non commutative ring**
AKBIYIK S., ERSOY B. A.
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- XXXII. **Intuitionistic Fuzzy Soft Gamma-semigroups**
ONAR S., ERSOY B. A.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 May 2017, pp.157
- XXXIII. **Isomorphism Theorems for Fuzzy Soft γ -rings**
Aktaş E., ERSOY B. A., ONAR S., DAVVAZ B.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 June 2015, pp.100
- XXXIV. **A new study on 2-absorbing Ideals of Gamma Rings**
SÖNMEZ D., YEŞİLOT G., ONAR S., ERSOY B. A.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 May 2017, pp.99
- XXXV. **On a Construction of Codes over Term Rank Metric Spaces**

- BEDİR S., ERSOY B. A.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 May 2017, pp.1
- XXXVI. **Vague Soft Gamma Rings and Idealistic Vague Soft Gamma Rings**
Bolat M., ERSOY B. A., ONAR S., DAVVAZ B.
The 4th International Fuzzy Systems Symposium (FUZZYSS'15), İstanbul, Turkey, 05 November 2015, pp.484-506
- XXXVII. **Fuzzy Isomorphism Theorems of Idealistic Soft Gamma Rings**
Aktaş E., ERSOY B. A., ONAR S., DAVVAZ B.
The 4th International Fuzzy Systems Symposium (FUZZYSS'15), İstanbul, Turkey, 05 November 2015, pp.476-483
- XXXVIII. **Structure of Vague Soft γ -rings.**
Bolat M., ERSOY B. A., Onar S., Davvaz B.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), 01 August 2015
- XXXIX. **Isomorphism Theorems for Fuzzy Soft Gamma-rings**
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INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 June 2015, pp.100
- XL. **Characterization of Intuitionistic Fuzzy Soft γ -Rings**
Yılmaz Z., ERSOY B. A., ONAR S., DAVVAZ B.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 June 2015, pp.359
- XLI. **Structure of Vague Soft Gamma-rings**
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INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 June 2015, pp.198
- XLII. **A New Study on Generalized Intuitionistic Fuzzy Subhyperalgebras of Boolean Hyperalgebras**
ONAR S., ERSOY B. A., DAVVAZ B., HILA K.
2nd International Eurasian Conference on Mathematical Sciences and Applications, Saraybosna, Bosnia And Herzegovina, 26 August 2013, pp.16
- XLIII. **Intuitionistic Fuzzy Soft Ring**
ONAR S., ERSOY B. A., DAVVAZ B., HILA K.
13th International Conference of Mathematics and its Applications (ICMA 2012), Timisoara, Romania, 01 November 2012, pp.1
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