

# Prof. Bayram Ali ERSOY

## Personal Information

Email: ersoya@yildiz.edu.tr

## Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, Turkey 1999 - 2002

Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Matematik, Turkey 1998 - 1999

Under Graduate, Orta Dogu Teknik Üniversitesi, Eğitim Fakültesi, Matematik, Turkey Continues

## Research Areas

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

## Academic Titles / Tasks

Professor, Yıldız Teknik Üniversitesi, Fen Edebiyat, Matematik, 2017 - Continues

Associate Professor, Yıldız Teknik Üniversitesi, Fen Edebiyat, Matematik, 2012 - 2017

Assistant Professor, Yıldız Teknik Üniversitesi, Fen Edebiyat, Matematik, 2004 - 2012

Research Assistant, Yıldız Teknik Üniversitesi, Fen Edebiyat, Matematik, 1998 - 2004

## Professional Experience

Rector's Advisor, Yıldız Teknik Üniversitesi, Uluslararası İlişkilerden Sorumlu, 2017 - Continues

Head of Department, Yıldız Teknik Üniversitesi, Personel , 2016 - 2017

Erasmus Coordinator, Yıldız Teknik Üniversitesi, Avrupa Birliği Ofisi, 2011 - 2017

Assistant Director of the Institute, Yıldız Teknik Üniversitesi, Fen Bilimleri, 2015 - 2016

Fakülte Yönetim Kurulu Üyesi, 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, Post Graduate, M.hasanoğulları(Student), 2016

ERSOY B. A. , NTRU kriptosistemi, Post Graduate, S.Tekin(Student), 2016

ERSOY B. A. , Bulanık Esnek Gamma Halkaları, Post Graduate, S.ONAR(Student), 2016

ERSOY B. A. , İdealistik Esnek Gamma Halkalarında Bulanık izomorfizma Teoremleri, Post Graduate, E.Aktaş(Student), 2016

ERSOY B. A. , İlkokul Müdürlerinin İnsan Kaynaklarını Yönetme Yeterliklerinin Belirlenmesi, Post Graduate, Y.Sözeri(Student), 2016

ERSOY B. A. , Genelleştirilmiş Bulanık esnek Kümenin Sınıf Uygulaması, Post Graduate, A.Kesik(Student), 2016

ERSOY B. A. , Manipulatifler kullanılarak Yapılan Öğretimin 11. Sınıf Öğrencilerinin Matematik Başarısına Etkisi, Post Graduate, N.Bayındır(Student), 2016

ERSOY B. A. , Bulanık Gamma Halkalarının Karakteristiği, Post Graduate, S.Yavuz(Student), 2016

ERSOY B. A. , Sezgisel Bulanık Esnek Gamma halkaları, Post Graduate, Z.Yılmaz(Student), 2016

ERSOY B. A. , Belirsiz esnek Gamma Halkaları ve İdealistik Belirsiz esnek Gamma Halkalar, Post Graduate, M.bolat(Student), 2016

ERSOY B. A. , Bulanık gruplar ve bulanık halkalar, Post Graduate, T.İncekalan(Student), 2016  
ERSOY B. A. , Belirleme kodları ve küme kaplama problemi, Post Graduate, F.Kuruz(Student), 2016  
ERSOY B. A. , Bulanık Hipermoduller, Post Graduate, O.Faruk(Student), 2016  
ERSOY B. A. , Bulanık Altmoduller, Post Graduate, F.Çeliker(Student), 2016  
ERSOY B. A. , Gamma Modullerinin Bulanık Alt modulleri, Doctorate, F.ÇELİKLER(Student), 2016

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Vague soft module**

ONAR S., YAVUZ S., ERSOY B. A. , HILA K.

JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.34, no.1, pp.2597-2609, 2018 (Journal Indexed in SCI)

- **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, pp.5753-5767, 2017 (Journal Indexed in SCI Expanded)

- **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 (Journal Indexed in SCI)

- **INTUITIONISTIC FUZZY SOFT SEMIRINGS**

ERSOY B. A. , ÖZKIRIŞÇI N. A.

AZERBAIJAN JOURNAL OF MATHEMATICS, vol.6, 2016 (Journal Indexed in SCI Expanded)

- **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, pp.15-28, 2015 (Journal Indexed in SCI)

- **ON GENERALIZED ROUGH (m, n)-BI-Gamma-HYPERIDEALS IN Gamma-SEMIHYPERGROUPS**

HILAK., ERSOY B. A. , ONAR S., DAVVAZ B.

UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.77, pp.93-104, 2015 (Journal Indexed in SCI)

- **Fuzzy Gamma-Hyperideals in Gamma-Hypersemirings by Using Triangular Norms**

ERSOY B. A. , DAVVAZ B., ONAR S., LEOREANU-FOTEA V.

SCIENTIFIC WORLD JOURNAL, 2014 (Journal Indexed in SCI)

- **On generalized intuitionistic fuzzy subhyperalgebras of Boolean hyperalgebras**

HILA K., ONAR S., ERSOY B. A. , DAVVAZ B.

JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (Journal Indexed in SCI)

- **Atanassov's intuitionistic fuzzy Gamma - hyperideals of Gamma - semihypergroups**

ERSOY B. A. , DAVVAZ B.

JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.25, pp.463-470, 2013 (Journal Indexed in SCI)

- **Structure of Intuitionistic Fuzzy Sets in Gamma-Semihypergroups**

ERSOY B. A. , DAVVAZ B.

ABSTRACT AND APPLIED ANALYSIS, 2013 (Journal Indexed in SCI)

- **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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Study of  $\Gamma$  -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, pp.306-331, 2020 (Journal Indexed in ESCI)

- **2-Absorbing Semiprimary Fuzzy Ideal of Commutative Rings**

- Sönmez D., Yeşilot G., Onar S., Ersoy B. A.  
Journal of Mathematical Sciences and Modelling, vol.2, pp.193-197, 2019 (Refereed Journals of Other Institutions)
- **On cyclic codes and cyclic lcd codes from the family of group rings  $Z_4C_n$**   
Köroğlu M. E. , Ersoy B. A.  
Sigma Journal of Engineering and Natural Sciences, vol.37, pp.541-549, 2019 (Journal Indexed in ESCI)
  - **Soft Gamma-Semirings**  
Bektaş Ö., Gürses N., Onar S., Ersoy B. A.  
Math: Modelling, Application and Theory, vol.3, no.1, pp.1-16, 2018 (Refereed Journals of Other Institutions)
  - **2-ABSORBING  $\delta$ -PRIMARY FUZZY IDEALS OF COMMUTATIVE RINGS**  
SÖNMEZ D., YEŞİLOT 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 (Refereed Journals of Other Institutions)
  - **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, pp.37-48, 2018 (Refereed Journals of Other Institutions)
  - **ON  $\delta$ -PRIMARY HYPERIDEALS OF COMMUTATIVE SEMIHYPERRINGS**  
ABUMGHASEEB A., ERSOY B. A.  
Sigma Journal of Engineering and Natural Sciences, no.9, pp.63-67, 2018 (National Refreed University Journal)
  - **Primary hyperideals of multiplicative hyperrings**  
Sevim E. Ş. , Ersoy B. A. , Davvaz B.  
EURASIAN BULLETIN OF MATHEMATICS, vol.1, pp.43-49, 2018 (Refereed Journals of Other Institutions)
  - **Soft  $\delta$ -Semirings**  
Bektaş Ö., GÜRSES N., ONAR S., ERSOY B. A.  
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.2018, 2018 (Journal Indexed in ESCI)
  - **INTUITIONISTIC FUZZY WEAKLY PRIME IDEALS**  
ARKAN T., ONAR S., SÖNMEZ D., ERSOY B. A.  
Journal of Hyperstructures, vol.6, pp.83-92, 2017 (Refereed Journals of Other Institutions)
  - **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 (Refereed Journals of Other Institutions)
  - **FUZZY WEAKLY PRIME  $\Gamma$ -IDEALS IN  $\Gamma$ -RINGS**  
Yeşilkurt G., ONAR S., SÖNMEZ D., ERSOY B. A.  
Journal of Hyperstructures, vol.6, pp.14-26, 2017 (Refereed Journals of Other Institutions)
  - **Soft  $\Gamma$ - Modules**  
ONAR S., YAVUZ S., ERSOY B. A.  
Ratio Mathematica, vol.32, pp.45-62, 2017 (Refereed Journals of Other Institutions)
  - **Intuitionistic Fuzzy Soft Semi-ideals**  
ERSOY B. A. , ÖZKİRİŞÇİN A.  
AZERBAIJAN JOURNAL OF MATHEMATICS, vol.6, no.2, pp.44-54, 2016 (Journal Indexed in ESCI)
  - **A study on fuzzy (prime) hyperideals of  $\delta$ -hypersemirings**  
ERSOY B. A. , DAVVAZ B.  
Romanian Journal of Mathematics and Computer science, vol.13, pp.82-95, 2013 (Refereed Journals of Other Institutions)
  - **Some Properties of Intuitionistic Fuzzy Soft Rings**  
ERSOY B. A. , ONAR S., HİLA K., DAVVAZ B.  
Journal of Mathematics, vol.2013, pp.1-8, 2013 (Refereed Journals of Other Institutions)
  - **Fuzzy Relation On Modules**  
ERSOY B. A.  
International Journal of Algebra, vol.3, pp.1007-1014, 2009 (Refereed Journals of Other Institutions)
  - **Fuzzy Euclidean Ideals**  
ERSOY B. A.  
Applied Sciences, vol.8, pp.13-22, 2006 (Refereed Journals of Other Institutions)
  - **A Generalization of Cartesian Product of Fuzzy Subgroups and Ideals**

ERSOY B. A.

Journal of Applied Sciences ,, vol.3, pp.100-102, 2003 (Refereed Journals of Other Institutions)

- **Cartesian Product on Fuzzy Prime Ideals**

ERSOY B. A.

Journal of Applied Sciences, vol.2, pp.1022-1024, 2002 (Refereed Journals of Other Institutions)

- **About Euclidean Rings**

ERSOY B. A.

Yıldız Teknik Üniversitesi Dergisi Journal of Engineering and Natural Sciences, vol.1, pp.36-44, 2000 (Other Refereed National Journals)

## Book & Book Chapters

- **Cebir**

Ersoy B. A. , Ağargün G., Alan M., Aygör N., Oral K. H.

Birsen, İstanbul, 2016

- **Fen Liseleri için İleri Matematik**

ERSOY B. A.

Tubitak, 2015

- **soyut cebir**

AĞARGÜN A. G. , ERSOY B. A. , ALAN M., ORAL K. H. , AYGÖR N.

birsen, İstanbul, 2015

- **Soyut Cebir**

Aygör N., Ersoy B., ALAN M., Oral K. H.

Birsen Yayınevi, 2015

- **Cebir 2**

ERSOY B. A. , Ağargün G., Alan M., Aygör N.

Ytu Vakfı Yayınları, İstanbul, 2003

- **Soyut Cebir II**

Ersoy B. A. , Ağargün G., Aygör N., Alan M.

Ytu Vakfı Yayınları, İstanbul, 2002

## Refereed Congress / Symposium Publications in Proceedings

- **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 Haziran 2018, pp.1

- **Matematik Müfredat Programları ve Ders Kitaplarına Yansımaları Bağlamında Bir İlişki Analizi**

DOĞAN M., KARAKAYA V., ERSOY B. A.

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

- **Intuitionistic Fuzzy Soft  $\alpha$ -Regular Semigroups**

ONAR S., ERSOY B. A.

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

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

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

The 5th International Fuzzy Systems Symposium (FUZZYSS'17), 14 - 15 Kasım 2017

- **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 Ekim 2017, pp.52

- **Vague Soft Gamma Semigroup**

ONAR S., ERSOY B. A.

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

- **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 Ekim 2017, pp.9
- **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 Ağustos 2017, pp.90
- **2-Absorbing  $\delta$ -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 Temmuz 2017
- **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 Temmuz 2017, pp.84-85
- **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 Temmuz 2017, pp.1
- **Study of ??-hyperring by fuzzy hyperideals with respect to a ??-norm**  
Naka K., Hila K., ONAR S., ERSOY B. A.  
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 Temmuz 2017, pp.78-80
- **On an algebra of fuzzy ??-ary semihypergroups**  
Naka K., Hila K., ONAR S., ERSOY B. A.  
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 Temmuz 2017, pp.81-82
- **Fuzzy Weakly Prime  $\gamma$ -Ideal in  $\gamma$ -Rings**  
Yeşilkurt G., ONAR S., SÖNMEZ D., ERSOY B. A.  
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 Temmuz 2017, pp.59
- **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 Temmuz 2017, pp.59
- **Intuitionistic Fuzzy Weakly Prime Ideals**  
Arkan T., ONAR S., SÖNMEZ D., ERSOY B. A.  
13th Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 Temmuz 2017, pp.52
- **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 Temmuz 2017, pp.60
- **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 Nisan 2017
- **Isomorphism Theorems for Fuzzy Soft  $\gamma$ -rings**  
Aktaş E., ERSOY B. A. , ONAR S., DAVVAZ B.  
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 Haziran 2015, pp.100
- **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 Mayıs 2017, pp.99
- **Intuitionistic Fuzzy Soft Gamma-semigroups**  
ONAR S., ERSOY B. A.  
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 Mayıs 2017, pp.157
- **Polycyclic codes over a finite non commutative ring**  
AKBIYIK S., ERSOY B. A.  
ICOME 2017, İstanbul, Turkey, 10 Mayıs 2017, pp.250
- **On a Construction of Codes over Term Rank Metric Spaces**

BEDİR S., ERSOY B. A.

International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 Mayıs 2017, pp.1

- **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 Kasım 2015, pp.484-506

- **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 Kasım 2015, pp.476-483

- **Characterization of Intuitionistic Fuzzy Soft  $\gamma$ -Rings**

Yılmaz Z., ERSOY B. A. , ONAR S., DAVVAZ B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 Haziran 2015, pp.359

- **Isomorphism Theorems for Fuzzy Soft Gamma-rings**

Aktaş E., ERSOY B. A. , ONAR S., DAVVAZ B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 Haziran 2015, pp.100

- **Structure of Vague Soft Gamma-rings**

Bolat M., ERSOY B. A. , ONAR S., DAVVAZ B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015), İstanbul, Turkey, 08 Haziran 2015, pp.198

- **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 Ağustos 2013, pp.16

- **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 Kasım 2012, pp.1

- **On Fuzzy Soft gamma Rings**

ONAR S., ERSOY B. A.

1st INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Priştine, Kosova, 03 Eylül 2012, pp.363

- **Intuitionistic Fuzzy Soft Gamma Ring**

ONAR S., ERSOY B. A. , Özbek İ.

International Congress in Honour of Professor Hari M.Srivastava, Bursa, Turkey, 23 Ağustos 2012, pp.206

- **Characterizations of Generalized Fuzzy Subhyperalgebras Of Boolean Hyperalgebras**

HILA K., ONAR S., ERSOY B. A. , DAVVAZ B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND ALGEBRA (ICAAA2012), İstanbul, Turkey, 20 Haziran 2012, pp.239

- **On Generalized Rough (m,n)-Bi-Hyperideals in Semihypergroups**

HILA K., ERSOY B. A. , ONAR S., DAVVAZ B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND ALGEBRA (ICAAA2012), İstanbul, Turkey, 20 Haziran 2012, pp.57

- **On Fuzzy interior Gamma hyperideals of Gamma semihypergroups**

YENİGÜN M., DAVVAZ M., ERSOY B. A. , SARICAOĞLU Y., ÖZKAN E. M.

ICAAA 2011 International Conference on Applied Analysis and Algebra, 29 Haziran - 02 Temmuz 2011

- **Fuzzy Submodules of Gamma Modules**

ERSOY B. A.

1st INTERNATIONAL FUZZY SYSTEMS SYMPOSIUM, vol.1, pp.125

- **Pore morphology of a highly porous natural material (pumice)**

Ersoy B. A. , Evcin A., KAM E.

International conference Mechanical Technologies

- **L-Prime Spectrum of Modules**

ERSOY B. A. , Ralescu D.

Proceedings of the Joint 2009 International Fuzzy Systems Association World Congress and 2009 European Society of Fuzzy Logic and Technology Conference, vol.1, pp.1983-1989

- **Synthesis of Nano-sized BZT Powder Using Sol-gel Technique**

Evcin A., Ersoy B. A. , KAM E.

International conference Mechanical Technologies

- **On Fuzzy Interior Ideals of Gamma Semihypergroups**

ERSOY B. A.

ICAAA2011, vol.1, pp.31

- **On Primary Fuzzy Ideals of Gamma Ring**

ERSOY B. A. , Tekir Ü., Çeliker F.

XXIII. Ulusal Matematik Sempozyumu, vol.1, pp.74

- **Structure of Vague Soft  $\gamma$ -rings.**

Bolat M., ERSOY B. A. , Onar S., Davaz B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2015).

- **On The Comparison Between The AHP and Revised AHP for MOLP Problems Using Interior Point Algorithm**

ERSOY B. A. , Tepecik A.

International Conference Computational and Applied Math

## Other Publications

- **Thomas Calculus**

ERSOY B. A.

Other, 2011

## Supported Projects

ERSOY B. A. , YAVUZ S., Project Supported by Higher Education Institutions, Değişmeli Halkalarda Bulanık Sezgisel 2-Yutan İdealler, 2016 - 2019

ERSOY B. A. , ABUMGHAİSEEB A., Project Supported by Higher Education Institutions, Bulanık ( Soft, Sezgisel) hiper cebirsel gamma yapılar, 2015 - 2018

ERSOY B. A. , Other Supported Projects, Bulanık Gamma Halkaların Karakteristiği, 2016 - 2017

ERSOY B. A. , KÖROĞLU M. E. , Project Supported by Higher Education Institutions, Bazı Grup Halkaları Üzerinde Tanımlı Kodların Yapıları, 2016 - 2017

ERSOY B. A. , Project Supported by Higher Education Institutions, Manipülatiflerin Matematik Başarısına Etkisi, 2014 - 2015

ERSOY B. A. , TUBITAK Project, 23 Nisan Gökyüzü Şenliği, 2014 - 2014

ERSOY B. A. , TUBITAK Project, İNTERAKTİF MATEMATİK SERGİSİ, 2013 - 2014

ERSOY B. A. , TUBITAK Project, ETKİLEŞİMLİ EĞİTSEL MİKRO İŞLEMCİ & BİLGİSAYAR, 2013 - 2014

ERSOY B. A. , TUBITAK Project, SİHİRLİ AYNA İLE VÜCUDUMUZU TANIYALIM: İNTERAKTİF AKILLI EKRANDA İNSAN VÜCUDUNUN ANATOMİSİNİN İNCELENMESİ, 2013 - 2014

ERSOY B. A. , Project Supported by Higher Education Institutions, Bulanık Esnek Gamma Halkaları, 2012 - 2013

ERSOY B. A. , TUBITAK Project, AKILLI AYNADA YÖRESEL KIYAFETLERİ GİYELİM VE ÖĞRENELİM SERGİSİ, 2012 - 2013

ERSOY B. A. , TUBITAK Project, BİLİMSEL DENEY SET VE ORTAMLARININ TASARIM VE GELİŞTİRİLMESİ, 2011 - 2012

ERSOY B. A. , TUBITAK Project, TUBİTAK Konuk Bilim Adamı destekleme Programı Prof Dr. Bijan Dawaz., 2011 - 2011

ERSOY B. A. , TUBITAK Project, TUBİTAK BİDEB Prof Dr Dan Ralescu University Of Cincinnati, ABD., 2008 - 2009

## **Activities in Scientific Journals**

Italian Journal of Pure and Applied Mathematics, Evaluation Committee Member, 2017 - Continues  
International Balkan Journal of Mathematics, Editor, 2017 - Continues

## **Scientific Refereeing**

Kuwait Journal of Science and Engineering SCI Expanded, SCI Journal, October 2011  
International Journal of Physical Sciences, SCI Journal, January 2011  
2011 - Iranian Journal of Science and Technology (SCI-EXP.), SCI Journal, January 2011

## **Citations**

Total Citations (WOS):20  
h-index (WOS):2