



SEVDA SEZER

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International Researcher IDs

ORCID: 0000-0001-6448-193X

Publons / Web Of Science ResearcherID: C-5009-2016

Yoksis Researcher ID: 128001



Education

Doctorate
1997 - 2003

Akdeniz University, Fen-Edebiyat Fakültesi, Matematik, Turkey

Postgraduate
1994 - 1997

Akdeniz University, Fen-Edebiyat Fakültesi, Matematik, Turkey

Undergraduate
1990 - 1994

Akdeniz University, Fen-Edebiyat Fakültesi, Matematik, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, BULANIK CEBİRSEL YAPILAR ÜZERİNE, Akdeniz University, Fen Ve Edebiyat Fakültesi, Matematik, 2003

Postgraduate, ELİPTİK EĞRİLER ÜZERİNDEKİ RASYONEL NOKTALAR , Akdeniz University, Fen Ve Edebiyat Fakültesi, Matematik Bölümü, 1997

Academic Titles / Tasks

Associate Professor
2022 - Continues

Akdeniz University, Faculty of Education, Mathematics and Science Education

Assistant Professor

2009 - 2022

Akdeniz University, Faculty of Education, Mathematics and Science Education

Lecturer PhD

2003 - 2009

Akdeniz University, Faculty of Science, Department of Mathematics

Research Assistant

1996 - 2003

Akdeniz University, Institute of Science

Supported Projects

1. Sezer Evcan S., Tınaztepe G., Kemali S., Eken Z., Sezer S., Adilov G., TUBITAK Project, HAYATIMIZDAKİ MATEMATİK: TARIM, 2019 - 2019
2. Adilov G., Sezer Evcan S., Tınaztepe G., Sezer S., Kemali S., Eken Z., TUBITAK Project, Hayatımızdaki Matematik: Tarım, 2018 - 2018

Awards

1. Sezer S., TÜBİTAK Yayın Teşvik, Tübitak, June 2022
2. SEZER S., TÜBİTAK Yayın Teşvik Ödülü, TÜBİTAK, December 2005

Taught Courses And Trainings

Sezer S., Klinik Danışmanlık Modeli (MEB Hizmet içi Eğitimi), 2018 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

1. **The Popoviciu Type Inequalities for s-Convex Functions in the Third Sense**
Eken Z., Sezer S.
MATHEMATICAL INEQUALITIES AND APPLICATIONS, vol.26, no.3, pp.769-782, 2023 (SCI-Expanded)
2. **The Hermite-Hadamard type inequalities for quasi p-convex functions**
Sezer S., Eken Z.
AIMS MATHEMATICS, vol.8, no.5, pp.10435-10452, 2023 (SCI-Expanded)
3. **THE SHARPER VERSION FOR GENERALIZED POWER MEAN INEQUALITIES WITH NEGATIVE EXPONENT**
Tınaztepe R., Tınaztepe G., Eken Z., Sezer S., Kemali S., Işık İ. Y., Evcan S. S.
Journal of Mathematical Inequalities, vol.17, no.1, pp.99-111, 2023 (SCI-Expanded)
4. **The Ostrowski inequality for s-convex functions in the third sense**
Tınaztepe G., Sezer S., Eken Z., Sezer Evcan S.
AIMS MATHEMATICS, vol.7, no.4, pp.5605-5615, 2022 (SCI-Expanded)
5. **p-Convex Functions and Some of Their Properties**
SEZER S., EKEN Z., TINAZTEPE G., ADILOV G.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.42, no.4, pp.443-459, 2021 (SCI-Expanded)
6. **The Sharper Form of Brunn-Minkowski Type Inequality for Boxes**

- Tinaztepe G., Kemali S., Sezer S., Eken Z.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.2, pp.377-386, 2021 (SCI-Expanded)
7. **The Hermite-Hadamard inequality for s-Convex functions in the third sense**
SEZER S.
AIMS MATHEMATICS, vol.6, no.7, pp.7719-7732, 2021 (SCI-Expanded)
 8. **VAGUE RINGS AND VAGUE IDEALS**
Sezer S.
IRANIAN JOURNAL OF FUZZY SYSTEMS, vol.8, no.1, pp.145-157, 2011 (SCI-Expanded)
 9. **Vague groups and generalized vague subgroups on the basis of $([0,1], \leq, \text{boolean AND})$**
Sezer S.
INFORMATION SCIENCES, vol.174, no.1-2, pp.123-142, 2005 (SCI-Expanded)

Articles Published in Other Journals

1. **Integral Inequalities for Functions Satisfying Certain Convexity Conditions**
KEMALİ S., SEZER S., EKEN Z., SEZER EVCAN S.
International Journal of Nonlinear Analysis and Applications, vol.14, no.1, pp.1063-1069, 2023 (Peer-Reviewed Journal)
2. **VAGUE MODULES ON THE BASE OF $([0, 1], \leq, \wedge)$**
Sezer S., Yüksel M.
Jordan Journal of Mathematics and Statistics, vol.15, no.4(A), pp.925-939, 2022 (ESCI)
3. **Quasi p-convex functions**
TINAZTEPE G., EKEN Z., SEZER S., ADILOV G.
Applied Mathematics E - Notes, vol.22, pp.741-750, 2022 (ESCI)
4. **s-Convex Functions in the Fourth Sense and Some of Their Properties**
EKEN Z., SEZER S., TINAZTEPE G., ADILOV G.
Konuralp Journal of Mathematics, vol.9, no.2, pp.260-267, 2021 (Peer-Reviewed Journal)
5. **s-CONVEX FUNCTIONS IN THE THIRD SENSE**
Kemali S., Sezer S., Tinaztepe G., Adilov G.
KOREAN JOURNAL OF MATHEMATICS, vol.3, pp.7719-7732, 2021 (ESCI)
6. **Hermite-Hadamard Type Inequalities for the Functions Whose Absolute Values of First Derivatives are p-Convex**
SEZER S.
Fundamental journal of mathematics and applications (Online), vol.4, no.2, pp.88-99, 2021 (Peer-Reviewed Journal)
7. **The Effect of Teaching Math's through Storytelling on Students' Math's Achievement**
Katipoğlu S. N., Katipoğlu M., Sezer S.
Academy Journal of Educational Sciences, vol.5, no.1, pp.15-26, 2021 (Peer-Reviewed Journal)
8. **The evaluation of the project entitled " Mathematics in our life: Agriculture" conducted for 7th grade students within thce scope of TUBITAK 4004-Nature Education and Science School.**
Sezer Evcan S., Adilov G., Eken Z., Sezer S., Kemali S., Tinaztepe G.
Uluslararası Eğitim Araştırmacıları Dergisi, vol.3, no.1, pp.28-41, 2020 (Peer-Reviewed Journal)
9. **The Evaluation of the Project Entitled "Mathematics in Our Life: Agriculture" Conducted for 7th Grade Students within the Scope of TUBITAK 4004-Nature Education and Science Schools**
SEZER EVCAN S., ADILOV G., EKEN Z., SEZER S., KEMALİ S., TINAZTEPE G.
International Journal of Scholars in Education, vol.3, no.1, pp.28-41, 2020 (Peer-Reviewed Journal)
10. **Flett Potential Spaces and a Weighted Wavelet-Like Transform**
SEZER EVCAN S., BARUT S.
International Journal of Applied Physics and Mathematics, vol.10, no.3, pp.112-122, 2020 (Peer-Reviewed Journal)
11. **Tam Sayıların Öğretiminde Karikatürlerle Zenginleştirilmiş Eğitsel Matematik Hikâyelerinin**

Kullanılmasının Öğrencilerin Akademik Başarısına Etkisi

Ünüvar E., Sezer S.

Academy Journal of Educational Sciences, vol.4, no.1, pp.45-52, 2020 (Peer-Reviewed Journal)

12. Some Properties of Vague Rings

SEZER S.

International Journal of Algebra, vol.4, no.16, pp.751-760, 2010 (Peer-Reviewed Journal)

13. On Some Properties of Vague Lattices

EKEN Z., SEZER S.

International Journal of Contemporary Mathematical Sciences, vol.4, no.31, pp.1511-1524, 2009 (Peer-Reviewed Journal)

14. Vague Normal Subgroups

SEZER S.

The Journal of Fuzzy Mathematics, vol.16, no.3, pp.10-22, 2008 (Peer-Reviewed Journal)

15. Doğrusal Kodlar

SEZER S.

Matematik Dünyası, vol.9, no.4, pp.8-14, 2000 (Non Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

1. Some Inequalities for Quasi p-Convex Functions

Sezer S.

4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Turkey, 14 - 16 December 2022, pp.1

2. On the transformations spaces of a vague group

SEZER S.

The 16th International Conf. of the Jang. Math. soc., Antalya, Turkey, vol.16, no.16, pp.135

3. ON p-CONVEX FUNCTIONS AND HERMITE-HADAMARD TYPE INEQUALITIES

SEZER S.

IFSCOM2021 7th Ifs And Contemporary Mathematics Conference, Mersin, Turkey, 24 - 28 May 2021

4. TÜBİTAK 4004 DOĞA EĞİTİMİ VE BİLİM OKULLARI KAPSAMINDA GERÇEKLEŞTİRİLEN

"HAYATIMIZDAKİ MATEMATİK: TARIM" PROJESİNİN DEĞERLENDİRİLMESİ

SEZER EVCAN S., ADILOV G., TINAZTEPE G., SEZER S., KEMALİ S., EKEN Z.

5th International Congress on Education, Distance Education and Educational Technology- ICDET, Antalya, Turkey, 29 - 30 November 2019, pp.7

5. "Tamsayılar" ve "Cebirsel İfadeler" konularının Eğitsel Hikayelerle Öğretimi

ÜNÜVAR E., BARUT S.

VI INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS, Antalya, Turkey, 19 - 22 June 2019

6. Bulanık modüllerin bazı temel özellikleri

YÜKSEL M., BARUT S.

IV. International Academic Research Congress (INES), Antalya, Turkey, 30 October - 03 November 2018

7. Sayı örüntüleri ve cebirsel ifadelerin öğretiminde eğitsel hikayeler ve karikatür kullanımı

BARUT S., ÜNÜVAR E.

IV. International Academic Research Congress (INES), Antalya, Turkey, 30 October 2018

8. Hikaye ve Karikatürle Matematik Eğitimi

BARUT S., ÜNÜVAR E.

Vth INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS, Antalya, Turkey, 25 May 2018

9. Bulanık Modüller Üzerine

BARUT S., YÜKSEL M.

Uluslararası Multidisipliner Çalışmalar Kongresi, Antalya, Turkey, 25 - 26 November 2017

10. "Teachers' views on the application of drama and animation technique in the new primary

mathematics teaching program and the effects of this technique on the students' academic success"

Barut S., Ünüvar E.

4th International Conference for Theory and Practice in Education, Budapest, Hungary, 9 - 11 June 2011, pp.20-23

11. **Vague DeMorgan Copmlemented Lattices**

EKEN Z., SEZER S.

14th International Congress on Computational and Applied Mathematics, Antalya, Turkey, 29 September 2009

12. **Fuzzification of Some Natural Properties in a Vague Lattice**

EKEN Z., SEZER S.

IVth International Workshop on Applications of Wavelets to real World Problems, Kocaeli, Turkey, 05 June 2009

13. **On vague fields and vague integral domains**

Sezer S., Eken Z.

IVth International Workshop on Applications of Wavelets to Real World Problems, Kocaeli, Turkey, 05 June 2009

14. **Some Properties of vague rings and vague ideals**

SEZER S.

Mathematical Analysis Diferantial Equations and Their Applications, Famagusta, Cyprus (Kkctc), 12 September 2008

15. **Some Properties of Vague Rings**

SEZER S.

The 20th International Congress of Jangeon Math. Soc., Bursa, Turkey, 21 August 2008

16. **Bulanık normal alt grupların temel bazı özellikleri**

SEZER S.

XVIII. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 05 September 2005

17. **Vague algebraic structures...**

SEZER S.

Antalya Algebra Days VI, Antalya, Turkey, 19 May 2004

Other Publications

1. **Doğrusal Kodlar**

SEZER S.

Other, pp.8-14, 2000

Supervised Theses

SEZER S., 8. Sınıf öğrencilerinin gerçek yaşam problemlerini çözme becerileri ile akademik başarıları arasındaki ilişki, Postgraduate, M.Kolubüyük(Student), 2020

SEZER S., Hikaye yoluyla matematik eğitiminin öğrencilerin matematik başarısına etkisi, Postgraduate, S.Nur(Student), 2019

SEZER S., Matematik öğretiminde dinamik geometri yazılımı kullanımının öğrencilerin matematik başarısına etkisi, Postgraduate, M.Erdem(Student), 2019

SEZER S., MATEMATİK ÖĞRETİMİNDE KARİKATÜRLERLE ZENGİNLEŞTİRİLMİŞ EĞİTSEL MATEMATİK HİKAYELERİNİN KULLANILMASININ ÖĞRENCİLERİN MATEMATİK BAŞARISINA ETKİSİ, Postgraduate, E.ÜNÜVAR(Student), 2019

SEZER S., BULANIK MODÜLLER ÜZERİNE, Postgraduate, M.YÜKSEL(Student), 2017

SEZER S., Eğlence ve Mizah İçeren Karikatürle Matematik Eğitiminin İlköğretim 6. Sınıf Öğrencilerinin Matematik Başarısına Etkisi, Postgraduate, M.Katipoğlu(Student), 2016

Activities in Scientific Journals

Fundamental journal of mathematics and applications (Online), Assistant Editor/Section Editor, 2021 - 2022

Peer Reviews in Scientific Publications

JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS, SCI Journal, November 2023
BİLİM ARMONİSİ(DERGİPARK), National Scientific Refreed Journal, October 2023
TURKISH JOURNAL OF MATHEMATICS, SCI Journal, October 2023
JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS, SCI Journal, September 2023
Axioms, SCI Journal, December 2022
FRACTALS, SCI Journal, October 2022
JOURNAL OF INEQUALITIES AND APPLICATIONS, SCI Journal, January 2022
TURKISH JOURNAL OF MATHEMATICS, SCI Journal, October 2021
Bilim Armonisi (Dergipark), Other Journals, October 2021
Necatibey Eğitim Fakültesi Elektronik Fen ve Matematik Eğitimi Dergisi, Other Journals, June 2020
Academy Journal of Educational Sciences-ACJES, Other Journals, April 2020
Pegem Journal of Education and Instruction, Other journals, August 2015
MEB TTKB panelist, Scientific / Professional Book Published by Other Publishers, June 2015
Mediterranean Journal of Humanities (MJH), National Scientific Refreed Journal, June 2015
Milli Eğitim, National Scientific Refreed Journal, May 2015
MEB TTKB panelist, Scientific / Professional Book Published by Other Publishers, December 2014
İlköğretim Online Dergisi, National Scientific Refreed Journal, June 2014
Iranian Journal of Fuzzy Systems, SCI Journal, January 2008
information sciences, SCI Journal, January 2006

Peer Reviews for Ethical Evaluations

Akdeniz Üniversitesi Bilimsel Araştırma Projeleri (BAP) Koordinasyon Birimi, Akdeniz University, Turkey, March 2020

Tasks In Event Organizations

Sezer S., EJER CONGRESS 2019, Scientific Congress, Turkey, Haziran 2019
Sezer S., VIII. Geometri Sempozyumu, Scientific Congress, Antalya, Turkey, Mayıs 2010

Congress and Symposium Activities

4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Attendee, Ankara, Turkey, 2022
VIII. International Eurasian Educational Research Congress, Working Group, Aksaray, Turkey, 2021
7th IFS and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2021
5th International Congress on Education, Distance Education and Educational Technology- ICDET, Working Group, Antalya, Turkey, 2019
VI International Eurasian Educational Research Congress, Working Group, Ankara, Turkey, 2019
INES, IV. International Academic Research Congress, Attendee, Antalya, Turkey, 2018
Vth INTERNATIONAL EJER 2018 CONGRESS, Attendee, Antalya, Turkey, 2018
Uluslararası Multidisipliner Çalışmaları Kongresi, Attendee, Antalya, Turkey, 2017
4th International Conference for Theory and Practice in Education, Attendee, Budapeşte, Hungary, 2011
14. International Congress on Computational and Applied Mathematics, Attendee, Antalya, Turkey, 2009
4. International Workshop on Applications of Wavelets Real World Problems, Attendee, Antalya, Turkey, 2009
Mathematical Analysis Differential Equations and Their Applications, Attendee, Kibris, Cyprus (Kkct), 2008
The 20th International Conf. of the Jangjeon Math. Soc., Attendee, Bursa, Turkey, 2008

XVIII. Ulusal Matematik Sempozyumu, Attendee, İstanbul, Turkey, 2005

XV. Ulusal Matematik Sempozyumu, Attendee, Mersin, Turkey, 2004

The 16th International Conf. of the Jangjeon Math. Soc, Attendee, Antalya, Turkey, 2004

Antalya algebra Days VI, Attendee, Antalya, Turkey, 2004

XI. Ulusal Matematik Sempozyumu, Attendee, Isparta, Turkey, 1998

Research Areas

Mathematics, General Mathematics, Convex and Discrete Geometry, Mathematics Education, Special Functions, Natural Sciences