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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: C-3779-2016

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Education Information

Doctorate, Akdeniz University, Institute of Science, Matematik, Turkey 2001 - 2008

Postgraduate, Akdeniz University, Institute of Science, Matematik, Turkey 1998 - 2000

Undergraduate, Hacettepe University, Eğitim Fakültesi, Ofma Eğitimi Bölümü, Turkey 1993 - 1998

Dissertations

Doctorate, Çok-Değerli Denklik Bağlılıklarına Dayalı Kısmi Sıralı Kümeler ve Örgüler Üzerine, Akdeniz University, Institute of Science, Matematik, 2008

Postgraduate, Sezgisel Topolojik Uzaylar Üzerine, Akdeniz University, Institute of Science, Matematik, 2000

Research Areas

Social Sciences and Humanities, Education, Elementary School Education, Teacher Training For Elementary Sch. Edu. in Mathematics, Mathematics, General Topology, Mathematical Logic and Foundations, Mathematics Education, Sort, weave, ordered algebraic structures, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Akdeniz University, Faculty of Education, Mathematics and Science Education, 2018 - Continues

Assistant Professor, Akdeniz University, Faculty of Education, Department of Primary School, 2009 - 2018

Research Assistant, Akdeniz University, Institute of Science, Matematik, 1998 - 2008

Academic and Administrative Experience

Akdeniz University, Faculty of Education, Department of Primary School, 2010 - 2015

Advising Theses

Eken Z., Sekizinci sınıf öğrencilerinde kareköklü ifadelerde sayı hissi ve matematik başarısı arasındaki ilişki, Postgraduate,

Ş.TÜRKGENÇ(Student), 2023

Eken Z., LGS matematik sorularının MATH taksonomisi ve öğrenme alanlarına göre incelenmesi, Postgraduate,

İ.PEHLİVAN(Student), 2023

Eken Z., Ortaokul Matematik Öğretimindeki Sorunlara İlişkin Öğretmen Görüşleri, Postgraduate, H.Dilek(Student), 2021

Eken Z., Yedinci Sınıf Denklemler Konusunda Akran Değerlendirme Uygulamasının Öğrencilerin Matematik Başarısına

Etkisi, Postgraduate, S.Ceren(Student), 2017

Eken Z., Hands-on aktivitelerin ilköğretim 7. sınıf matematik öğretiminde cebir alanına uygulanmasının öğrenci başarısına

etkisi, Postgraduate, G.GÖRGÜN(Student), 2017

Eken Z., Matematik öğretiminde kullanılan ayrılıp birleşme tekniğinin öğrencilerin özyeterlilik, kaygı ve kalıcılık düzeylerine etkisi, Postgraduate, E.YILDIRIM(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **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)
- IV. **FEJER INEQUALITY FOR s -CONVEX FUNCTIONS IN THE FOURTH SENSE**
EKEN Z.
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.16, no.1, pp.19-34, 2022 (SCI-Expanded)
- V. **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)
- VI. **p -Convex Functions and Some of Their Properties**
SEZER S., EKEN Z., TINAZTEPE G., ADİLOV G.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.42, no.4, pp.443-459, 2021 (SCI-Expanded)
- VII. **The sharper form of a Brunn-Minkowski type inequality for boxes**
TINAZTEPE G., KEMALİ S., BARUT S., EKEN Z.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.2, pp.377-386, 2021 (SCI-Expanded)
- VIII. **The Hermite-Hadamard inequalities for p -convex functions**
Eken Z., Kemali S., Tınaztepe G., Adilov G.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.5, pp.1268-1279, 2021 (SCI-Expanded)
- IX. **An introduction to vague complemented ordered sets**
Demirci M., Eken Z.
INFORMATION SCIENCES, vol.177, no.1, pp.150-160, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **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)
- II. **Quasi p -convex functions**

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

Applied Mathematics E - Notes, vol.22, pp.741-750, 2022 (ESCI)

- III. **Hermite-Hadamard Type Inequalities Related to s-Convex Functions in the Third Sense**
Eken Z.
Turkish Journal of Mathematics and Computer Science, vol.13, no.2, pp.318-330, 2021 (Peer-Reviewed Journal)
- IV. **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)
- V. **7. Sınıf Matematik Dersi Cebir Konularının Öğretiminde Hands-on Aktivitelerinin Öğrenci Başarısına Etkisi**
Görgün G., EKEN Z.
Uluslararası Eğitim Araştırmacıları Dergisi, vol.3, no.2, pp.346-362, 2020 (Peer-Reviewed Journal)
- VI. **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)
- VII. **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)
- VIII. **MATEMATİK ÖĞRETİMİNDE EĞLENCE VE MİZAH İÇEREN KARİKATÜRLERİN KULLANILMASININ ÖĞRENCİLERİN MATEMATİK BAŞARISINA VE MATEMATİK KAYGISINA ETKİSİ**
KATIPOĞLU M., Eken Z., Körbay M.
International Journal of Education, Science and Technology, vol.3, pp.32-45, 2017 (Peer-Reviewed Journal)
- IX. **On The Vague DeMorgan Complemented Partially Ordered Sets and Lattices**
EKEN Z.
Advanced Studies in Contemporary Mathematics, vol.19, pp.171-182, 2009 (Peer-Reviewed Journal)
- X. **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)

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Inequalities for s-Convex Functions in the Third Sense**
Eken Z.
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Turkey, 14 - 16 December 2022
- II. **ON s-CONVEX FUNCTIONS**
Eken Z.
7th IFS and Contemporary Mathematics Conference IFSCOM2021, Mersin, Turkey, 25 - 29 May 2021
- III. **Hands-On Aktivitelerin 7. Sınıf Matematik Öğretiminde Cebir Alanına Uygulanmasının Öğrenci Başarısına Etkisi**
Görgün G., Eken Z.
VIIth INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS EJRCongress 2020, Eskişehir, Turkey, 10 September 2020
- IV. **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

- V. **The Effect of the Computer Assisted Instruction on the Students Perception of Self-Efficiency and Math Anxiety on Mathematics**
EKEN Z., Alkan G.
4th International Conference for Theory and Practice in Education Society and Education, Budapest, Hungary, 9 - 11 June 2011
- VI. **Vague DeMorgan Copplemented Lattices**
EKEN Z., SEZER S.
14th International Congress on Computational and Applied Mathematics, Antalya, Turkey, 29 September 2009
- VII. **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
- VIII. **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
- IX. **On the Vague DeMorgan Complemented Partially Ordered Sets and Lattices**
EKEN Z.
The 20th International Congress of the Jangjeon Mathematical Society, Bursa, Turkey, 21 - 23 August 2008
- X. **On the Fuzzily Ordered Sets**
EKEN Z.
16th International Conference of Jangjeon Mathematical Society, Antalya, Turkey, 4 - 06 July 2005

Supported Projects

Sezer Evcan S., Tınaztepe G., Kemali S., Eken Z., Sezer S., Adilov G., TUBITAK Project, HAYATIMIZDAKİ MATEMATİK: TARIM, 2019 - 2019

Adilov G., Sezer Evcan S., Tınaztepe G., Sezer S., Kemali S., Eken Z., TUBITAK Project, Hayatımızdaki Matematik: Tarım, 2018 - 2018

Metrics

Publication: 29

Citation (WoS): 34

Citation (Scopus): 43

H-Index (WoS): 3

H-Index (Scopus): 2

Congress and Symposium Activities

7th IFS and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2021

VII. International Eurasian Educational Research Congress, Attendee, Eskişehir, Turkey, 2020

5th International Congress on Education, Distance Education and Educational Technology- ICDET, Attendee, Antalya, Turkey, 2019

4th International Conference for Theory and Practice in Education, Attendee, Budapeşte, Hungary, 2011

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

5th International Workshop on Applications of Wavelets to Real World Problems, Attendee, Kocaeli, Turkey, 2009

5th International Workshop on Applications of Wavelets to Real World Problems, Attendee, Kocaeli, Turkey, 2009

The 20th International Congress of Jangjeon Mathematical Society, Attendee, Bursa, Turkey, 2008

16th International Conference of Jangjeon Mathematical Society, Attendee, Antalya, Turkey, 2005

Awards

EKEN Z., Uluslararası Bilimsel Yayınları Teşvik Programı, TÜBİTAK, June 2007