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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-8274-2021

ScopusID: 54402700700

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Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (Dr), Turkey
2009 - 2014

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (YI)
(Tezli), Turkey 2007 - 2009

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü,
Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Modüller ve lokal halkalar üzerine geometri, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik,
2014

Postgraduate, Projektif yapıların koordinatlaması üzerine, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ,
Matematik, 2009

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2021 - Continues

Assistant Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2020 - 2021

Academic and Administrative Experience

Mevlana Exchange Program Coordinator, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2021 - Continues

Head of Department, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2021 - Continues

Courses

Graflar ve Lineer Cebir, Postgraduate, 2021 - 2022

Reel Projektif Geometri, Postgraduate, 2020 - 2021

Lineer Cebir, Undergraduate, 2020 - 2021

Matematik II, Undergraduate, 2020 - 2021

Temel Matematik I, Undergraduate, 2021 - 2022

Analiz II, Undergraduate, 2019 - 2020

Matematik I, Undergraduate, 2020 - 2021

Temel Matematik II, Undergraduate, 2018 - 2019

Projektif Geometri, Undergraduate, 2017 - 2018

MAT 1097 Genel Matematik I, Undergraduate, 2017 - 2018

MAT 1089 Diferensiyel ve İntegral Hesap I, Undergraduate, 2017 - 2018

MAT 1098 Genel Matematik II, Undergraduate, 2017 - 2018

Aksiyomatik Geometri, Undergraduate, 2017 - 2018

Advising Theses

Özen Erdoğan F., Reduced topological graph indices on projective and affine planes, Postgraduate, E.HANEDAN(Student), 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **4-Transitivity and Cross-Ratio in Moufang-Klingenberg Planes over Rings of Plural Numbers**
ÖZEN ERDOĞAN F.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.51, no.4, pp.1417-1432, 2020 (SCI-Expanded)
- II. **Independence number of graphs and line graphs of trees by means of omega invariant**
ÖZDEN AYNA H., Zihni F. E., Erdogan F., CANGÜL İ. N., Srivastava G., Srivastava H. M.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.114, no.2, 2020 (SCI-Expanded)
- III. **Projective coordinate spaces over modules**
Erdogan F., AKPINAR A.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.2, pp.406-419, 2019 (SCI-Expanded)
- IV. **On Projective Coordinate Spaces**
Ciftci S., Erdogan F.
FILOMAT, vol.31, no.4, pp.941-952, 2017 (SCI-Expanded)
- V. **On Modules over Local Rings**
Erdogan F., Ciftci S., AKPINAR A.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.24, no.1, pp.217-230, 2016 (SCI-Expanded)
- VI. **On addition and multiplication of points in a certain class of projective Klingenberg planes**
ÇELİK B., Erdogan F.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Characterization and Zagreb indices of the projective path graphs of order k**
Özen Erdoğan F.
Montes Taurus Journal of Pure and Applied Mathematics, vol.5, no.3, pp.111-119, 2023 (Peer-Reviewed Journal)
- II. **The Effect of Vertex and Edge Deletion On The Independence Number of Graphs**
Özen Erdoğan F., Cangül I. N., Özden Ayna H.
Far East Journal Of Applied Mathematics, vol.112, pp.11-19, 2022 (Peer-Reviewed Journal)
- III. **A class of projective coordinate spaces over modules**
AKPINAR A., Erdogan F.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.13, no.5, 2020 (ESCI)
- IV. **m. Dereceden Cebir Üzerine Bir Not**
AKPINAR A., ÖZEN ERDOĞAN F.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.8, no.2, pp.361-375, 2019 (Peer-Reviewed Journal)
- V. **A Note on Projective Coordinate Spaces Over Modules**
AKPINAR A., ÖZEN ERDOĞAN F.
Konuralp Journal of Mathematics, vol.7, no.1, pp.46-54, 2019 (Peer-Reviewed Journal)
- VI. **DUAL QUATERNIONIC $(n - 1)$ -SPACES DEFINED BY SPECIAL JORDAN ALGEBRAS OF DIMENSION $4n^2 - 2n$**
AKPINAR A., ÖZEN ERDOĞAN F.
JP Journal of Geometry and Topology, vol.21, no.4, pp.327-364, 2018 (Peer-Reviewed Journal)
- VII. **Projective Graphs Obtained From Projective Planes**
ÖZEN ERDOĞAN F., Dayıoğlu A.
Adıyaman Üniversitesi Fen Bilimleri Dergisi, vol.8, no.2, pp.115-128, 2018 (Peer-Reviewed Journal)
- VIII. **Some Results On Quaternion 3-Space**
AKPINAR A., ÖZEN ERDOĞAN F.
Cumhuriyet Science Journal, vol.39, no.2, pp.303-313, 2018 (Peer-Reviewed Journal)
- IX. **A Note on the Total Number of Lines of Finite Projective Space**
BAYRAKTAR A., ÖZEN ERDOĞAN F., AKPINAR A.
International Journal of Geometry, vol.2, no.2, pp.46-49, 2013 (Peer-Reviewed Journal)
- X. **A Note on the total number of lines of finite projective spaces**
ÖZEN ERDOĞAN F., AKPINAR A.
International Journal of geometry, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Topological Indices and Energy Of The Affine Path Graphs**
Özen Erdoğan F.
Mediterranean International Conference on Research In Applied Sciences, Antalya, Turkey, 22 - 24 April 2022, pp.267-268
- II. **On Topological Indices of Graphs Obtained From All Linear Spaces weith 6-Points**
Özen Erdoğan F.
ICRAPAM 2021, Antalya, Turkey, 24 - 27 September 2021, pp.223-224
- III. **On Graphs Obtained From Some Near Linear Spaces**
Özen Erdoğan F.
Karabagh International Congress on Applies Sciences , Baku, Azerbaijan, 17 - 19 June 2021, pp.55-56
- IV. **On Graphs Obtained From Some Linear Spaces**
ÖZEN ERDOĞAN F.
2 nd International Congress On Mathematics and Geometry, Ankara, Turkey, 20 May 2021, pp.223-224
- V. **On Graphs Obtained From Projective Planes**

ÖZEN ERDOĞAN F., DAYIOĞLU A., AKPINAR A., ÇELİK B.

16.International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018

VI. A COMPARISON ON OCTONION AND MOUFANG-KLINGENBERG PLANES

ÖZEN ERDOĞAN F., AKPINAR A., Doğan İ.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 - 24 June 2018

VII. Corresponding Graphs of Affine Planes

DAYIOĞLU A., ÖZEN ERDOĞAN F., AKPINAR A., ÇELİK B.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey, 20 - 24 June 2018

VIII. Sonlu Projektif Klingenberg Düzlemlerinin Özel Bir Sınıfı İçin Üzerinde Olma Matrisi

Doğan İ., AKPINAR A., ÖZEN ERDOĞAN F.

13. Ankara Matematik Günleri, Ankara, Turkey, 27 - 28 April 2018

IX. On Quaternion n-Spaces

ÖZEN ERDOĞAN F., AKPINAR A.

International Conference on Recent Advances in Pure and Applied Mathematics-ICRAPAM 2017, Aydın, Turkey, 11 - 15 May 2017

X. On Some Geometric Structures and Local Rings

Erdogan F., ÇELİK B., Ciftci S.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25 September 2011, vol.1389

XI. Klingenberg ve Moufang Klingenberg Düzlemlerinde Koordinatlama

ÇİFTÇİ S., ÇELİK B., ÖZEN ERDOĞAN F., AKPINAR A.

VII. Geometri Sempozyumu, Kırşehir, Turkey, 7 - 10 July 2009, pp.24

Supported Projects

Akpınar A., Özen Erdoğan F., TUBITAK Project, Bir Kuadratik Jordan Cebiri ile Tanımlanan Octonion Düzlemlerde 4-Geçişkenliğin Kurulması ve 6-Şekiller ile Çifte-Oranın Bazı Özelliklerinin İncelenmesi, 2017 - 2019

ÖZEN ERDOĞAN F., AKPINAR A., Project Supported by Higher Education Institutions, Lokal Halkalar Üzerine Octonion Düzlemler, 2014 - 2018

ÖZEN ERDOĞAN F., AKPINAR A., Project Supported by Higher Education Institutions, Modüller Üzerine Geometrik Yapılar, 2012 - 2015

Metrics

Publication: 28

Citation (WoS): 13

Citation (Scopus): 12

H-Index (WoS): 2

H-Index (Scopus): 2