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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2012 - 2017

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2008 - 2010

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2005 - 2010

Undergraduate, Gazi University, Fen Fakültesi, Matematik Bölümü, Turkey 2004 - 2008

Foreign Languages

German, C1 Advanced

Dissertations

Doctorate, Bi-periyodik Fibonacci ve bi-periyodik Lucas dizilerinin periyotları üzerine, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2017

Postgraduate, Gauss pell sayıları, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2012

Research Areas

Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Fakültesi, Matematik, 2020 - Continues

Research Assistant, Gazi University, Fen Fakültesi, Matematik, 2010 - 2020

Research Assistant, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009 - 2010

Courses

MAT 4003 ARAŞTIRMA PROJESİ I, Undergraduate, 2017 - 2018

MAT 101 GENEL MATEMATİK I, Undergraduate, 2017 - 2018

MAT 198 LİNEER CEBİR, Undergraduate, 2017 - 2018

MAT 102 MATEMATİK II, Undergraduate, 2017 - 2018

MAT 101 MATEMATİK I, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

I. On the Periods of Biperiodic Fibonacci and Biperiodic Lucas Numbers

Taşcı D., Özkan Kızılırmak G.

DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. Bounds for the Elliptic Sombor Co-Index of Graph Operations

Ozkan Kizilirmak G.

Gazi Üniversitesi Fen Fakültesi dergisi (Online), vol.5, no.1, pp.1-10, 2024 (Peer-Reviewed Journal)

II. ON THE QUADRA MERSENNE-JACOBSTHAL, QUADRA MERSENNE-PELL AND RELATED QUATERNION SEQUENCES

ÖZKAN KIZILIRMAK G., Çakaci S.

JOURNAL OF SCIENCE AND ARTS, no.1, pp.5-16, 2024 (ESCI)

III. The bounds for topological invariants of a weighted graph using traces

SEVGİ E., ÖZKAN KIZILIRMAK G., BÜYÜKKÖSE Ş.

Open Journal of Discrete Applied Mathematics, 2023 (Peer-Reviewed Journal)

IV. The eccentricity-based topological indices

ÖZKAN KIZILIRMAK G.

ACTA UNIVERSITATIS SAPIENTIAE INFORMATICA, 2023 (ESCI)

V. Bounds of Fibonacci-sum graph for some distancebased topological indices and an application on BFS algorithm

ÖZKAN KIZILIRMAK G.

New Trends in Mathematical Sciences, 2023 (Peer-Reviewed Journal)

VI. Bounds for some distance-based and degree-distance-based topological indices

ÖZKAN KIZILIRMAK G.

Contributions to Mathematics, vol.6, pp.45-49, 2022 (Peer-Reviewed Journal)

VII. On the Bi-Periodic Mersenne Sequence

ÖZKAN KIZILIRMAK G., TAŞCI D.

Fundamental journal of mathematics and applications (Online), vol.5, pp.160-167, 2022 (Peer-Reviewed Journal)

VIII. THE BOUNDS FOR THE LARGEST EIGENVALUES OF FIBONACCI-SUM AND LUCAS-SUM GRAPHS

TAŞCI D., ÖZKAN KIZILIRMAK G., SEVGİ E., BÜYÜKKÖSE Ş.

Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.12, no.1, pp.367-371, 2022 (Peer-Reviewed Journal)

IX. On some identities and Hankel matrices norms involving new defined generalized modified pell numbers

ÖZKAN KIZILIRMAK G.

Journal of New Results in Science, vol.10, no.3, pp.60-66, 2021 (Peer-Reviewed Journal)

X. Bir Grafın GCD Spektral Yarıçapı ve GCD Enerjisi İçin Alt ve Üst Sınırlar

ÖZKAN KIZILIRMAK G., SEVGİ E., BÜYÜKKÖSE Ş.

Gazi Üniversitesi Fen Fakültesi Dergisi, vol.2, no.2, pp.14-18, 2021 (Scopus)

XI. PROPERTIES OF LUCAS-SUM GRAPH

TAŞCI D., BÜYÜKKÖSE Ş., ÖZKAN KIZILIRMAK G., SEVGİ E.

JOURNAL OF SCIENCE AND ARTS, no.2, pp.313-316, 2020 (ESCI)

XII. Lambert Series in the Summation of Reciprocals in Gaussian Fibonacci Sequences

ÖZKAN KIZILIRMAK G., TAŞCI D.

Turkish Journal Of Mathematics and Computer Science, vol.11, no.1, pp.53-57, 2019 (Peer-Reviewed Journal)

XIII. EXPRESSION OF RECIPROCAL SUM OF GAUSSIAN LUCAS SEQUENCES BY LAMBERT SERIES

Özkan Kızılırmak G., Taşcı D.

JOURNAL OF SCIENCE AND ARTS, no.3, pp.587-592, 2019 (Peer-Reviewed Journal)

- XIV. **Pisano Periods For The K-Fibonacci And K-Lucas Sequences Mod 2(n)**
TAŞCI D., ÖZKAN KIZILIRMAK G.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.1, pp.213-220, 2018 (ESCI)

Books & Book Chapters

- I. **Graphs Associated with Number Sequences**
Özkan Kızılırmak G., Büyükköse Ş.
in: Research Highlights in Mathematics and Computer Science, Xingting Wang, Editor, Book pi, Abohar, pp.40-48, 2022
- II. **Graf Teori**
BÜYÜKKÖSE Ş., KAYA GÖK G., ÖZKAN KIZILIRMAK G., EREN S.
Nobel Akademik Yayıncılık, 2021
- III. **ON THE ZAGREB AND RANDIC INDICES OF A GRAPH**
ÖZKAN KIZILIRMAK G., SEVGİ E.
in: Research&Reviews in Science and Mathematics-I, Prof.Dr.Hasan AKGÜL, Prof.Dr. Alpaslan DAYANGAÇ, Editor, Gece Kitaplığı, Ankara, pp.169-186, 2021
- IV. **YAPAY ZEKA VE BÜYÜK VERİ ANALİZLERİ İÇİN GRAF TEORİ**
ÖZKAN KIZILIRMAK G., BÜYÜKKÖSE Ş., BAHSİ KOÇER F. Ş.
in: YAPAY ZEKÂ VE BÜYÜK VERİ KİTAP SERİSİ 1:Yapay Zekâ ve Büyük Veri: Teknolojiler, Yaklaşımlar ve Uygulamalar, SAĞIROĞLU Şeref, DEMİREZEN Mustafa Umut, Editor, Nobel Yayınevi, Ankara, pp.107-128, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **GRAF TEORİSİNİN YAPAY ZEKA ÜZERİNE UYGULAMALARI**
CANBAY K. N., ÖZKAN KIZILIRMAK G.
9. ULUSLARARASI ANKARA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Turkey, 28 December 2023
- II. **KUADRATİK MERSENNE-JACOBSTHAL VE KUADRATİK MERSENNE-PELL SAYILARI**
ÖZKAN KIZILIRMAK G., ÇAKACI S.
3. BASKENT INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES, Turkey, 23 September 2022
- III. **(a,b)-NIRMALA INDEX OF LUCAS-SUM GRAPH**
ÖZKAN KIZILIRMAK G.
7th INTERNATIONAL NEW YORK CONFERENCE ON EVOLVING TRENDS IN INTERDISCIPLINARY RESEARCH & PRACTICES, United States Of America, 01 October 2022
- IV. **SOME (a,b)-KA INDICES OF LUCAS SUM GRAPH**
Özkan Kızılırmak G.
6th INTERNATIONAL CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 21 - 24 June 2022
- V. **SOME RESULTS ON DEGREE-SUM, DEGREE SQUARE SUM, FIRST ZAGREB AND SECOND ZAGREB ENERGIES OF THE FIBONACCI SUM GRAPH**
ÖZKAN KIZILIRMAK G., SEVGİ E., BÜYÜKKÖSE Ş.
4th INTERNATIONAL AFRICAN CONFERENCE ON CURRENT STUDIES, Libya, 21 October 2021
- VI. **BOUNDS FOR HARMONIC, SUM-CONNECTIVITY AND SK INDICES OF A GRAPH**
ÖZKAN KIZILIRMAK G., BÜYÜKKÖSE Ş.
5rd International Symposium of Silkroad Academic Studies, İzmit, Turkey, 16 September 2021
- VII. **BOUNDS FOR ZAGREB INDICES OF A GRAPH USING FIBONACCI NUMBERS**
ÖZKAN KIZILIRMAK G.
INTERNATIONAL AFGHANISTAN INTERDISCIPLINARY RESEARCH CONFERENCE, Mazar-i-Sharif, Afghanistan, 19 August 2021

- VIII. **Bounds For Some Energies Of Fibonacci-Sum Graphs**
SEVGİ E., ÖZKAN KIZILIRMAK G., BÜYÜKKÖSE Ş.
1. INTERNATIONAL MARMARA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 21 August 2021
- IX. **FİBONACCİ- TOPLAM VE LUCAS- TOPLAM GRAFLARININ EN BÜYÜK ÖZDEĞERLERİ İÇİN SINIRLAR**
TAŞCI D., ÖZKAN KIZILIRMAK G., BÜYÜKKÖSE Ş., SEVGİ E.
Uluslararası 30 Ağustos Bilimsel Araştırmalar Sempozyumu, 28 - 31 August 2019
- X. **Lucas-Toplam Grafların Özellikleri**
TAŞCI D., ÖZKAN KIZILIRMAK G., SEVGİ E., BÜYÜKKÖSE Ş.
Uluslararası 30 Ağustos Bilimsel Araştırmalar Sempozyumu, 28 - 31 August 2019
- XI. **Gaussian Pell sayılarnn Ters Gösterimlerinin SonsuzToplamlar Üzerine**
ÖZKAN KIZILIRMAK G., TAŞCI D.
14. Ankara Matematik Günleri Sempozyumu, Ankara, Turkey, 28 - 29 June 2019
- XII. **Lambert Series in the Summation of Reciprocals in Gaussian Fibonacci Sequences**
TAŞCI D., ÖZKAN KIZILIRMAK G., SEVGİ E.
INTERNATIONAL CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians"
Minisymposium on Approximation Theory Minisymposium on Math Education, 3 - 06 July 2018
- XIII. **Bi-Periodic Balancing Numbers**
TAŞCI D., SEVGİ E., ÖZKAN KIZILIRMAK G.
INTERNATIONAL CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians"
Minisymposium on Approximation Theory Minisymposium on Math Education, 3 - 06 July 2018
- XIV. **k-Fibonacci and k-Lucas sequences taken to modulo m**
TAŞCI D., ÖZKAN KIZILIRMAK G.
International Conference on Mathematics and Mathematics Education 2017, 11 - 13 May 2017
- XV. **On the bounds of eigenvalues of matrixs for bi-periodic Fibonacci and bi-periodic Lucas recurrence relations**
TAŞCI D., ÖZKAN KIZILIRMAK G., BÜYÜKKÖSE Ş.
International Conference on Mathematics and Mathematics Education, 11 - 13 May 2017, pp.134-136

Metrics

Publication: 34

Citation (WoS): 1

Citation (Scopus): 1

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H-Index (Scopus): 1

Non Academic Experience

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