

Prof. ENGİN ÖZKAN

Personal Information

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Address: Erzincan Binali Yıldırım Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü,
Yalnızbağ Kampüsü Erzincan/Türkiye.



International Researcher IDs

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Publons / Web Of Science ResearcherID: A-5361-2018

ScopusID: 57224960892

Yoksis Researcher ID: 11438

Education Information

Doctorate, Ataturk University, Fen Bilimleri Ens., Matematik, Turkey 1998 - 2002

Postgraduate, Ataturk University, Fen Bilimleri Ens., Matematik, Turkey 1995 - 1998

Undergraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik, Turkey
1991 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Sonlu Nilpotent Gruplarda 3-Basamak Fibonacci Dizileri, Atatürk Üniversitesi, Fen Bilimleri Ens., Matematik,
2002

Postgraduate, Nilpotent Gruplar , Atatürk Üniversitesi, Fen Blimleri Ens., Matematik, 1998

Research Areas

Mathematics, Sequences, Series, Summability, Group Theory and Generalizations, Combinatorics, Number Theory,
Natural Sciences

Academic Titles / Tasks

Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2013 - Continues

Associate Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2013

Associate Professor, Ataturk University, Fen Edebiyat Fakültesi, Matematik, 2008 - 2010
Assistant Professor, The Ohio State University, Fen Fakültesi, Matematik, 2007 - 2008
Assistant Professor, Ataturk University, Fen Edebiyat Fakültesi, Matematik, 2002 - 2007
Research Assistant, Ataturk University, Fen Edebiyat Fakültesi, Matematik, 1995 - 2002

Academic and Administrative Experience

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2022 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2021 - Continues
Ethics Committee Member, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2017 - Continues
Erzincan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2010 - Continues
Head of Department, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2020 - 2023
Fakülte Yönetim Kurulu Üyesi, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2020 - 2023
Fakülte Yönetim Kurulu Üyesi, Erzincan Binali Yıldırım University, Mühendislik-Mimarlık Fakültesi, 2014 - 2019
Fakülte Yönetim Kurulu Üyesi, Erzincan Binali Yıldırım University, İktisadi ve İdari Bilimler Fakültesi, 2013 - 2019
Member of the Senate, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, 2011 - 2015
Erzincan Üniversitesi, Fen Edebiyat Fakültesi, 2011 - 2014
Erzincan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2011 - 2014
Fakülte Yönetim Kurulu Üyesi, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, 2010 - 2013
Erzincan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2011
Enstitü Yönetim Kurulu Üyesi, Erzincan Binali Yıldırım University, Fen Bilimleri Enstitüsü, 2010 - 2011

Courses

Mesleki Yabancı Dil II, Undergraduate, 2021 - 2022, 2020 - 2021
Group Representation and Character II, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Fibonacci Sequence and its Applications in Group II, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016
ABSTRACT ALGEBRA II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2013 - 2014, 2012 - 2013
Fibonacci Sequence and its Applications in Group I, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Mesleki Yabancı Dil I, Undergraduate, 2021 - 2022, 2020 - 2021
Group Representation and Character I, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
ABSTRACT ALGEBRA I, Undergraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014
LINEAR ALGEBRA II, Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014
ABSTRACT MATHEMATICS II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Advanced Linear Algebra I, Doctorate, 2019 - 2020, 2017 - 2018
ABSTRACT MATHEMATICS I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2011 - 2012
LINEAR ALGEBRA I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2011 - 2012, 2008 - 2009
Advanced Linear Algebra II, Doctorate, 2017 - 2018, 2014 - 2015
Algebraic Structures I, Postgraduate, 2017 - 2018, 2016 - 2017
Algebraic Structures II, Postgraduate, 2015 - 2016, 2013 - 2014

Advising Theses

Özkan E., $F_t(k,n)$ tipinde Fibonacci Sayıları Üzerine, Doctorate, N.Şeyma(Student), Continues
Özkan E., Genelleştirilmiş Narayana Sayı Dizileri, Polinomları, Uygulamaları ve Pascal Üçgen, Doctorate, B.Kuloğlu(Student), 2023
Özkan E., k-Fibonacci Sayı Dizisi ve Polinomunun Yeni Bir Ailesi, Postgraduate, T.Alp(Student), 2023
Özkan E., Üregen R. N., k-Jacobsthal-Lucas sayılarının Catalan dönüşümü, Postgraduate, H.AKKUŞ(Student), 2022
Özkan E., Gaussian number sequences and their polynomials, Doctorate, M.Taştan(Student), 2021
Özkan E., k-Pell Numbers and Polynomials, Postgraduate, A.AKTAŞ(Student), 2021
Özkan E., Fibonacci sayılarının gruplanmasıyla elde edilen yeni sayı dizileri, Postgraduate, İ.DURUKAN(Student), 2019
Özkan E., Pell, Pell-Lucas, Jacobsthal ve Jacobsthal-Lucas sayılarında yeni tekrarlı bağıntılar, Postgraduate, S.ÇELİK(Student), 2019
Özkan E., k-Lucas dizilerde catalan dönüşümü, Postgraduate, O.GÜNGÖR(Student), 2019
Özkan E., M- dizileri ile tanımlanan yeni bir dizi ve bu dizinin lucas sayıları ile ilişkisi, Postgraduate, A.AYKUT(Student), 2018
Özkan E., Genelleştirilmiş Fibonacci ve Lucas polinomlarında yeni aile, Postgraduate, İ.ALTUN(Student), 2016
Özkan E., The Explicit Form Of The Trace Formula For $GL(2)$ Over A Number Field And Restatement Of This Form By Flicker's Correction Argument, Doctorate, R.ÖZTÜRK(Student), 2015
Özkan E., Invariant trace formula for $GL(2)$ on number field, Doctorate, A.AYDOĞDU(Student), 2014
Özkan E., Katalan sayılar ve modüler aritmetik, Postgraduate, S.DERVİŞOĞLU(Student), 2012
Özkan E., Yerelleştirme ve tam genişlemeler, Postgraduate, R.ÖZTÜRK(Student), 2009

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Erzincan Binali Yıldırım Üniversitesi, December, 2023
Doctorate, Doctorate, Erzincan Binali Yıldırım Üniversitesi, July, 2023
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Bilecik Şeyh Edebali Üniversitesi, July, 2023
Associate Professor Exam, Associate Professor Exam, Sakarya Uygulamalı Bilimler Üniversitesi, June, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Erzincan Binali Yıldırım Üniversitesi, January, 2023
Doctoral Examination, Doctoral Examination, Erzincan Binali Yıldırım Üniversitesi, January, 2023
Doctorate, Doctorate, Selçuk Üniversitesi, January, 2023
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, June, 2022
Doctorate, Doctorate, Ordu Üniversitesi, June, 2022
Doctorate, Doctorate, Erzincan Binali Yıldırım Üniversitesi, July, 2021
Post Graduate, Post Graduate, Bilecik Şeyh Edebali Üniversitesi, July, 2021
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, March, 2021
Competition, 2021 yılı TÜBİTAK 2204 A Lise Öğrencileri Araştırma Projeleri Bölge Yarışması , March, 2021
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Aksaray Üniversitesi, January, 2021
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, January, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, August, 2020
Competition, 2204 - A Lise Öğrencileri Araştırma Projeleri Yarışması, March, 2020
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Sivas Cumhuriyet Üniversitesi, December, 2019
Competition, 2204 - A Lise Öğrencileri Araştırma Projeleri Yarışması, March, 2019
Associate Professor Exam, Associate Professor Exam, Galatasaray Üniversitesi, February, 2019
Doctorate, Doctorate, Kafkas Üniversitesi, December, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzincan Binali Yıldırım

Üniversitesi, April, 2018

Competition, 2204 - A Lise Öğrencileri Araştırma Projeleri Yarışması, Erzincan Binali Yıldırım University, March, 2018

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Kafkas Üniversitesi, January, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ardahan Üniversitesi, January, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, December, 2017

Associate Professor Exam, Associate Professor Exam, Necmettin Erbakan Üniversitesi, February, 2017

Associate Professor Exam, Associate Professor Exam, Mimar Sinan Güzel Sanatlar Üniversitesi, February, 2017

Associate Professor Exam, Associate Professor Exam, İstanbul Üniversitesi, February, 2017

Associate Professor Exam, Associate Professor Exam, Hacettepe Üniversitesi, February, 2017

Associate Professor Exam, Associate Professor Exam, Düzce Üniversitesi, February, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, February, 2017

Associate Professor Exam, Associate Professor Exam, Karadeniz Teknik Üniversitesi, February, 2017

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Atatürk Üniversitesi, November, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Avrasya Üniversitesi, September, 2016

Competition, 2204 - A Lise Öğrencileri Araştırma Projeleri Yarışması, March, 2016

Associate Professor Exam, Associate Professor Exam, Uşak Üniversitesi, October, 2015

Associate Professor Exam, Associate Professor Exam, Selçuk Üniversitesi, October, 2015

Associate Professor Exam, Associate Professor Exam, Kırşehir Ahi Evran Üniversitesi, October, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, July, 2015

Associate Professor Exam, Associate Professor Exam, Mimar Sinan Güzel Sanatlar Üniversitesi, October, 2014

Associate Professor Exam, Associate Professor Exam, Trakya Üniversitesi, October, 2014

Associate Professor Exam, Associate Professor Exam, Bilecik Şeyh Edebali Üniversitesi, October, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Copper ratio obtained by generalizing the Fibonacci sequence**
ÖZKAN E., Akkuş H.
AIP Advances, vol.14, no.7, 2024 (SCI-Expanded)
- II. **On the Norms and Eigenvalues of r -Circulant Matrices with k -Mersenne and k -Mersenne–Lucas Numbers**
Kumari M., Prasad K., ÖZKAN E., Tanti J.
Mathematical Notes, vol.114, no.3-4, pp.522-535, 2023 (SCI-Expanded)
- III. **d -Gaussian Fibonacci, d -Gaussian Lucas Polynomials, and their Matrix Representations**
ÖZKAN E., UYSAL M.
Ukrainian Mathematical Journal, vol.75, no.4, pp.562-585, 2023 (SCI-Expanded)
- IV. **Fibonacci and Lucas Polynomials in n -gon**
Kuloğlu B., ÖZKAN E., Marin M.
Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica, vol.31, no.2, pp.127-140, 2023 (SCI-Expanded)
- V. **Higher-Order Jacobsthal–Lucas Quaternions**
Uysal M., Özkan E.
Axioms, vol.11, no.12, 2022 (SCI-Expanded)
- VI. **Hyperbolic k -Jacobsthal and k -Jacobsthal-Lucas Quaternions**
Özkan E., Uysal M., Godase A.
Indian Journal of Pure and Applied Mathematics, vol.53, no.4, pp.956-967, 2022 (SCI-Expanded)

- VII. **On New Polynomial Sequences Constructed to Each Vertex in an n-Gon**
 Ganie A. H., Özkan E., Uysal M., Akhter A.
 DISCRETE DYNAMICS IN NATURE AND SOCIETY, vol.2022, pp.2910678, 2022 (SCI-Expanded)
- VIII. **K-Narayana sequence self-Similarity. flip graph views of k-Narayana self-Similarity**
 ÖZKAN E., Kuloğlu B., Peters J. F.
 Chaos, Solitons and Fractals, vol.153, 2021 (SCI-Expanded)
- IX. **New recurrences on Pell numbers, Pell-Lucas numbers, Jacobsthal numbers, and Jacobsthal-Lucas numbers**
 Çelik S., Durukan İ., Özkan E.
 Chaos, Solitons and Fractals, vol.150, 2021 (SCI-Expanded)
- X. **On Gauss Fibonacci polynomials, on Gauss Lucas polynomials and their applications**
 Özkan E., Tastan M.
 COMMUNICATIONS IN ALGEBRA, vol.48, no.3, pp.952-960, 2020 (SCI-Expanded)
- XI. **Generalized Lucas polynomials and relationships between the Fibonacci polynomials and Lucas polynomials**
 Özkan E., Altun İ.
 COMMUNICATIONS IN ALGEBRA, vol.47, no.10, pp.4020-4030, 2019 (SCI-Expanded)
- XII. **On Relationship Among a New Family of k-Fibonacci, k-Lucas Numbers, Fibonacci and Lucas Numbers**
 Özkan E., Altun İ., Göçer A.
 CHIANG MAI JOURNAL OF SCIENCE, vol.44, pp.1744-1750, 2017 (SCI-Expanded)
- XIII. **EXPLICIT FORMS OF THE TRACE FORMULA FOR $GL(2)$**
 Aydoğdu A., Flicker Y. Z., Özkan E., Ozturk R.
 JOURNAL D ANALYSE MATHEMATIQUE, vol.131, pp.1-71, 2017 (SCI-Expanded)
- XIV. **Truncated Lucas sequence and its period**
 Özkan E.
 Applied Mathematics and Computation, vol.232, pp.285-291, 2014 (SCI-Expanded)
- XV. **On truncated Fibonacci sequences**
 Özkan E.
 Indian Journal of Pure and Applied Mathematics, vol.38, no.4, pp.241-251, 2007 (SCI-Expanded)
- XVI. **Fibonacci sequences in nilpotent groups with class n**
 Özkan E.
 CHIANG MAI JOURNAL OF SCIENCE, vol.31, no.3, pp.205-212, 2004 (SCI-Expanded)
- XVII. **On General Fibonacci Sequences in Groups**
 Özkan E.
 Turkish Journal Of Mathematics, vol.27, no.4, pp.525-537, 2003 (SCI-Expanded)
- XVIII. **3-step Fibonacci series modulo m**
 Ozkan E., Aydin H., Dikici R.
 APPLIED MATHEMATICS AND COMPUTATION, vol.143, no.1, pp.165-172, 2003 (SCI-Expanded)
- XIX. **3-step Fibonacci sequences in nilpotent groups**
 Özkan E.
 Applied Mathematics and Computation, vol.144, pp.517-527, 2003 (SCI-Expanded)
- XX. **Applications of Fibonacci sequences in a finite nilpotent group**
 Ozkan E., Aydin H., Dikici R.
 APPLIED MATHEMATICS AND COMPUTATION, vol.141, pp.565-578, 2003 (SCI-Expanded)
- XXI. **An application of Fibonacci sequences in groups**
 Dikici R., Özkan E.
 Applied Mathematics and Computation, vol.136, pp.323-331, 2003 (SCI-Expanded)
- XXII. **An application of Fibonacci sequences in groups**
 Dikici R., Ozkan E.
 APPLIED MATHEMATICS AND COMPUTATION, vol.136, pp.323-331, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **ON THE HYPERBOLIC k -MERSENNE AND k -MERSENNE-LUCAS OCTONIONS**
Uysal M., Kumari M., Kuloğlu B., Prasad K., Özkan E.
KRAGUJEVAC JOURNAL OF MATHEMATICS, vol.49, no.5, pp.765-779, 2025 (ESCI)
- II. **Hyperbolic functions obtained from $\{\varvec{k}\}$ -Pell sequences**
Kuloğlu B., Özkan E.
AFRIKA MATEMATIKA, vol.35, pp.1-12, 2024 (ESCI)
- III. **Discatenated and lacunary recurrences**
Akkuş H., Deveci Ö., Özkan E., Shannon A. G.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.30, no.1, pp.8-19, 2024 (ESCI)
- IV. **ON DUAL BICOMPLEX BALANCING AND LUCAS-BALANCING NUMBERS**
Uysal M., Özkan E., Shannon A. G.
JOURNAL OF SCIENCE AND ARTS, vol.24, no.4, pp.925-938, 2023 (ESCI)
- V. **Local systems with tame, and a unipotent, local monodromy**
Flicker Y. Z., Özkan E.
Sao Paulo Journal of Mathematical Sciences, vol.17, no.2, pp.465-482, 2023 (ESCI)
- VI. **ON DOUBLED AND QUADRUPLED FIBONACCI TYPE SEQUENCES**
Yılmaz N. Ş., Włoch A., Özkan E., Strzałka D.
Annales Mathematicae Silesianae, vol.38, pp.1-15, 2023 (ESCI)
- VII. **ON THE (p,q) -NARAYANA n -DIMENSIONAL RECURRENCES**
Kuloğlu B., Özkan E.
JOURNAL OF SCIENCE AND ARTS, vol.23, no.3, pp.707-714, 2023 (ESCI)
- VIII. **The r -circulant Matrices Associated with k -Fermat and k -Mersenne Numbers**
Kuloğlu B., Eser E., Özkan E.
WSEAS TRANSACTIONS ON MATHEMATICS, vol.22, pp.531-543, 2023 (Scopus)
- IX. **On K -Chebyshev Sequence**
Ozkan E., Akkus H.
WSEAS TRANSACTIONS ON MATHEMATICS, vol.22, pp.503-507, 2023 (Scopus)
- X. **p -Analogue of biperiodic Pell and Pell–Lucas polynomials**
Kuloğlu B., Özkan E., Shannon A. G.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.29, no.2, pp.336-347, 2023 (ESCI)
- XI. **On the Properties of r -Circulant Matrices Involving Generalized Fermat Numbers**
Kuloğlu B., Eser E., Özkan E.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.27, no.5, pp.956-965, 2023 (Peer-Reviewed Journal)
- XII. **On the properties of r -circulant matrices involving Mersenne and Fermat numbers**
Munesh Kumaria M., Kalika Prasada K., Tanti J., Özkan E.
International Journal of Nonlinear Analysis and Applications, vol.14, no.5, pp.121-131, 2023 (ESCI)
- XIII. **d -Gaussian pell polynomials and their matrix representation**
Özkan E., Uysal M.
Discrete Mathematics, Algorithms and Applications, vol.15, no.6, pp.1-16, 2023 (ESCI)
- XIV. **d -Tribonacci Polynomials and Their Matrix Representations**
Kuloğlu B., Özkan E.
WSEAS TRANSACTIONS ON MATHEMATICS, vol.22, pp.204-212, 2023 (Scopus)
- XV. **On Quaternions with Higher Order Jacobsthal Numbers Components**
ÖZKAN E., UYSAL M.
Gazi University Journal of Science, vol.36, no.1, pp.336-347, 2023 (ESCI)
- XVI. **ON THE MERSENNE AND MERSENNE-LUCAS HYBRINOMIAL QUATERNIONS**
Eser E., Kuloğlu B., ÖZKAN E.
Bulletin of the Transilvania University of Brasov, Series III: Mathematics and Computer Science, vol.3, no.1, pp.129-144, 2023 (Scopus)

- XVII. **Applications of Jacobsthal and Jacobsthal-Lucas numbers in coding theory**
Kuloğlu B., Özkan E.
Mathematica Montisnigri, vol.57, no.4, pp.54-64, 2023 (Peer-Reviewed Journal)
- XVIII. **THE NARAYANA SEQUENCE IN FINITE GROUPS**
Kuloğlu B., Özkan E., Shannon A. G.
FIBONACCI QUARTERLY, vol.60, no.5, pp.212-221, 2022 (ESCI)
- XIX. **d-Gaussian Pell-Lucas Polynomials and Their Matrix Representations**
Özkan E., Uysal M.
Turkish Journal of Mathematics and Computer Science, vol.14, no.2, pp.262-270, 2022 (Peer-Reviewed Journal)
- XX. **Novel Distance Measure for Linear Diophantine Fuzzy Sets**
Aydoğdu A., Özkan E.
Research & Reviews: Discrete Mathematical Structures, vol.9, no.2, pp.38-45, 2022 (Peer-Reviewed Journal)
- XXI. **A new family of Gauss (k,t)-Horadam numbers**
Taştan M., Yılmaz N., Özkan E.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.15, no.12, pp.22502254, 2022 (ESCI)
- XXII. **On generalized (k, r)-Pell and (k, r)-Pell-Lucas numbers**
Kuloğlu B., Özkan E.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.28, no.4, pp.765-777, 2022 (ESCI)
- XXIII. **Hyperbolic functions obtained from k -Jacobsthal sequences**
Kuloğlu B., Özkan E.
Asian-European Journal of Mathematics, vol.15, no.9, 2022 (ESCI)
- XXIV. **Some aspects of interchanging difference equation orders**
Shannon A. G., Özkan E.
Notes on Number Theory and Discrete Mathematics, vol.28, no.3, pp.507-516, 2022 (ESCI)
- XXV. **NEW NARAYANA TRIANGLE**
Kuloğlu B., Özkan E.
JOURNAL OF SCIENCE AND ARTS, vol.22, no.3, pp.563-570, 2022 (ESCI)
- XXVI. **ON THE PELL-EISENSTEIN SERIES OF POWER m**
Inam I., Özkan E., Uysal M., Ozkaya Z.
Bulletin of the Transilvania University of Brasov, Series III: Mathematics and Computer Science, vol.2, no.1, pp.77-82, 2022 (Scopus)
- XXVII. **On the bicomplex Gaussian Fibonacci and Gaussian Lucas numbers**
Kuloğlu B., ÖZKAN E.
Acta et Commentationes Universitatis Tartuensis de Mathematica, vol.26, no.1, pp.33-43, 2022 (ESCI)
- XXVIII. **Catalan transform of the incomplete Jacobsthal numbers and incomplete generalized Jacobsthal polynomials**
Özkan E., Uysal M., Kuloğlu B.
Asian-European Journal of Mathematics, vol.15, no.6, 2022 (ESCI)
- XXIX. **On hyperbolic k-Jacobsthal and k-Jacobsthal-Lucas octonions**
Özkan E., Uysal M.
Notes on Number Theory and Discrete Mathematics , vol.28, no.2, pp.318-330, 2022 (ESCI)
- XXX. **D- GAUSSIAN JACOBSTHAL, D- GAUSSIAN JACOBSTHALLUCAS POLYNOMIALS AND THEIR MATRIX REPRESENTATIONS**
Özkan E., Uysal M.
Electronic Journal of Mathematical Analysis and Applications, vol.10, no.2, pp.124-140, 2022 (Peer-Reviewed Journal)
- XXXI. **PADOVAN HYBRID QUATERNIONS AND SOME PROPERTIES**
Uysal M., Özkan E.
Journal Of Science And Arts, vol.22, no.1, pp.121-132, 2022 (ESCI)
- XXXII. **A short note on the Pell-Lucas-Eisenstein series**
Uysal M., Inam I., Özkan E.

- Asian-European Journal of Mathematics, vol.15, no.5, 2022 (ESCI)
- XXXIII. **BIGAUSSIAN PELL AND PELL-LUCAS POLYNOMIALS**
 Özkan E., Alp T.
 MATHEMATICA MONTISNIGRI, vol.53, no.3, pp.17-25, 2022 (Peer-Reviewed Journal)
- XXXIV. **A Difference Equation Model of Infectious Disease**
 Shannon A., Dubeau F., UYSAL M., ÖZKAN E.
 International Journal Bioautomation, vol.26, no.4, pp.339-352, 2022 (Scopus)
- XXXV. **The k-Fibonacci group and periods of the k-step Fibonacci sequences**
 Kumari M., Prasad K., Kuloğlu B., ÖZKAN E.
 WSEAS Transactions on Mathematics, vol.21, pp.838-843, 2022 (Scopus)
- XXXVI. **A NEW FAMILY OF HORADAM NUMBERS**
 Yılmaz N., Taştan M., Özkan E.
 Electronic Journal of Mathematical Analysis and Applications, vol.10, no.1, pp.64-70, 2022 (Peer-Reviewed Journal)
- XXXVII. **MERSENNE-LUCAS HYBRID NUMBERS**
 Özkan E., Uysal M.
 MATHEMATICA MONTISNIGRI, vol.52, pp.17-29, 2021 (Peer-Reviewed Journal)
- XXXVIII. **Incomplete generalized Vieta–Pell and Vieta–Pell–Lucas polynomials**
 Kuloğlu B., , Özkan E., Shannon A. G., ,
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Albayrak H., Tuna Yıldırım S., Özkan E., Gözcü S., İneç Z. F., POLAT E. C., Project Supported by Other Official Institutions, Discover Science in All Its Colors; Erzincan Science Festival, 2020 - 2021

ERİŞİR T., ÖZKAN E., ÖZDİN T., KIZILTUĞ S., Project Supported by Higher Education Institutions, 17. Uluslararası Geometri Sempozyumu, 2019 - 2020

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ÖZKAN E., Project Supported by Higher Education Institutions, Yaribasit Gruplar İçin İz Formülü, 2013 - 2014
ÖZKAN E., Project Supported by Higher Education Institutions, GL (2,F) İçin Metaplectic Uygunluk, 2013 - 2014
BUDAK İ., KANBOLAT O., ÖZKAN E., KAYGIN B., Project Supported by Higher Education Institutions, Teknoloji Destekli Matematik Öğretimi Üzerine Bir Aksiyon Araştırması, 2012 - 2013
ADİL S., MUTLU S., ÖZKAN E., DOĞAR Ç., TUBITAK Project, Küçük Bilim Adamları Keşifte, 2011 - 2012
ÖZKAN E., TUBITAK Project, Metaplectic grubun otomorfik temsilleri üzerine bir araştırma, 2008 - 2008

Activities in Scientific Journals

Research & Reviews: Discrete Mathematical Structures, First Editor, 2023 - Continues
Mathematics Letters, Committee Member, 2023 - Continues
SCIREA Journal of Mathematics, Committee Member, 2019 - Continues
Journal of Open Source Developments (JoOSD);, Committee Member, 2019 - Continues
Journal of Software Engineering Tools & Technology Trends (JoSETTT) , Committee Member, 2018 - Continues
INDIAN JOURNAL IN NUMBER THEORY, Committee Member, 2017 - Continues
Journal of Applied Mathematics and Computation, Committee Member, 2017 - Continues
American Journal of Mathematical and Computer Modelling, Committee Member, 2017 - Continues
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Advisory Committee Member, 2010 - Continues
Research & Reviews: Discrete Mathematical Structures, Committee Member, 2016 - 2023
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Editor, 2019 - 2022

Memberships / Tasks in Scientific Organizations

Türk Matematik Derneği, Member, 1999 - Continues, Turkey

Scientific Refereeing

ENTROPY, SCI Journal, December 2022
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Tasks In Event Organizations

Özkan E., 3.Uluslararası Multidisipliner Doğa Bilimleri ve Mühendislik Kongresi, Scientific Congress, Ankara, Turkey, Aralık 2023
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Özkan E., 33. Ulusal Matematik Sempozyumu, Scientific Congress, İstanbul, Turkey, Eylül 2021

Özkan E., International Conference on Mathematics and its Applications in Science and Engineering (ICMASE 2020), Scientific Congress, Ankara, Turkey, Temmuz 2020

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Özkan E., 4th International Conference on Computational Mathematics and Engineering Sciences, Scientific Congress, Antalya, Turkey, Nisan 2019

Özkan E., 31. National Mathematics Symposium, Scientific Congress, Erzincan, Turkey, Eylül 2018

Özkan E., International Conference on Mathematics and Mathematics Education (ICMME-2018), Scientific Congress, Ordu, Turkey, Haziran 2018

Özkan E., 3th International Conference on Computational Mathematics and Engineering Sciences, Scientific Congress, Girne, Cyprus (Kktc), Mayıs 2018

Özkan E., II. International Iğdır Symposium (IGDIRSEMP 2017), Scientific Congress, Iğdır, Turkey, Ekim 2017

Özkan E., International Meskhetian Turks Symposium, Scientific Congress, Erzincan, Turkey, Mayıs 2017

Özkan E., Palandöken Mathematics Days, Scientific Congress, Erzurum, Turkey, Temmuz 2001

Özkan E., 40. Anniversary Symposium on Mathematics, Scientific Congress, Erzurum, Turkey, Haziran 1998

Metrics

Publication: 140
Citation (WoS): 262
Citation (Scopus): 194
H-Index (WoS): 11
H-Index (Scopus): 9

Congress and Symposium Activities

1st International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS - 2022), Session Moderator, Erzurum, Turkey, 2022

33. Ulusal Matematik Sempozyumu, Session Moderator, İstanbul, Turkey, 2021

31. Ulusal Matematik Sempozyumu, Session Moderator, Erzincan, Turkey, 2018

II. Uluslararası Iğdır Sempozyumu'na (IGDIRSEMP 2017), Session Moderator, Iğdır, Turkey, 2017

Scholarships

Tubitak-2219, TUBITAK, 2008 - 2008

Awards

Özkan E., 2022 Yılı Akademik Bilim, Sanat ve Spor Ödülleri-Temel Bilimlerde 1.lık ödülü, Erzincan Kültür Eğitim Vakfı Ve Erzincan Binali Yıldırım Üniversitesi, October 2023

Özkan E., 2021 yılı Akademik Bilim, Sanat ve Spor Ödülleri-Temel Bilimlerde 1.lık ödülü, Erzincan Kültür Eğitim Vakfı Ve Erzincan Binali Yıldırım Üniversitesi, June 2022

Özkan E., New recurrences on Pell numbers, Pell-Lucas numbers, Jacobsthal numbers, and Jacobsthal-Lucas numbers, Tübitak- Ulakbim, December 2021

Özkan E., Generalized Lucas polynomials and relationships between the Fibonacci polynomials and Lucas polynomials, Tübitak-Ulakbim, October 2019
Özkan E., EXPLICIT FORMS OF THE TRACE FORMULA FOR $GL(2)$, Tübitak-Ulakbim, February 2018
Özkan E., Truncated Lucas sequence and its period, Tübitak-Ulakbim, July 2014
Özkan E., Bölüm Birinciliği, Atatürk Üniversitesi, K.K. Eğitim Fakültesi, June 1995

Non Academic Experience

Erzincan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü
Erzincan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü
Atatürk Üniversitesi, Fen Fakültesi, Matematik Bölümü
The Ohio State University
Atatürk Üniversitesi, Fen Fakültesi, Matematik Bölümü
Atatürk Üniversitesi, Fen Fakültesi, Matematik Bölümü