

## 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

ScholarID: TzhMFecAAAAJ

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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 Bilimleri 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

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2021 - Continues  
Head of Department, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2020 - Continues  
Fakülte Yönetim Kurulu Üyesi, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2020 - Continues  
Ethics Committee Member, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2017 - Continues  
Erzincan Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2010 - Continues  
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), Continues  
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.,  $k$ -Lucas dizilerde catalan dönüşümü, Postgraduate, O.GÜNGÖR(Student), 2019  
Özkan E., Pell, Pell-Lucas, Jacobsthal ve Jacobsthal-Lucas sayılarında yeni tekrarlı bağıntılar, Postgraduate, S.ÇELİK(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

Doctoral Examination, Doctoral Examination, Erzincan Binali Yıldırım Üniversitesi, January, 2023  
Doctorate, Doctorate, Selçuk Üniversitesi, January, 2023  
Doctorate, Doctorate, Ordu Üniversitesi, June, 2022  
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, June, 2022  
Doctorate, Doctorate, Erzincan Binali Yıldırım Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Bilecik Şeyh Edebali Üniversitesi, July, 2021  
Competition, 2021 yılı TÜBİTAK 2204 A Lise Öğrencileri Araştırma Projeleri Bölge Yarışması , March, 2021  
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, 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, 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  
 Associate Professor Exam, Associate Professor Exam, Necmettin Erbakan 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, Kırşehir Ahi Evran Üniversitesi, October, 2015  
 Associate Professor Exam, Associate Professor Exam, Selçuk Üniversitesi, October, 2015  
 Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, July, 2015  
 Associate Professor Exam, Associate Professor Exam, Bilecik Şeyh Edebali Üniversitesi, October, 2014  
 Associate Professor Exam, Associate Professor Exam, Mimar Sinan Güzel Sanatlar Üniversitesi, October, 2014  
 Associate Professor Exam, Associate Professor Exam, Trakya Üniversitesi, October, 2014

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **d-Gaussian Fibonacci, d-Gaussian Lucas Polynomials and Their Matrix Representations**  
 Özkan E., Uysal M.  
 UKRAINIAN MATHEMATICAL JOURNAL, vol.75, pp.1-17, 2023 (SCI-Expanded)
- II. **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.1-15, 2023 (SCI-Expanded)
- III. **Higher-Order Jacobsthal–Lucas Quaternions**  
 Uysal M., Özkan E.  
 Axioms, vol.11, no.12, pp.1-10, 2022 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)

- X. **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)
- XI. **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)
- XII. **Truncated Lucas sequence and its period**  
Özkan E.  
Applied Mathematics and Computation, vol.232, pp.285-291, 2014 (SCI-Expanded)
- XIII. **On truncated Fibonacci sequences**  
Özkan E.  
Indian Journal of Pure and Applied Mathematics, vol.38, no.4, pp.241-251, 2007 (SCI-Expanded)
- XIV. **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)
- XV. **On General Fibonacci Sequences in Groups**  
Özkan E.  
Turkish Journal Of Mathematics, vol.27, no.4, pp.525-537, 2003 (SCI-Expanded)
- XVI. **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)
- XVII. **3-step Fibonacci sequences in nilpotent groups**  
Özkan E.  
Applied Mathematics and Computation, vol.144, pp.517-527, 2003 (SCI-Expanded)
- XVIII. **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)
- XIX. **An application of Fibonacci sequences in groups**  
Dikici R., Özkan E.  
Applied Mathematics and Computation, vol.136, pp.323-331, 2003 (SCI-Expanded)
- XX. **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 Quaternions with Higher Order Jacobsthal Numbers Components**  
Özkan E., Uysal M.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.36, no.3, pp.1, 2023 (ESCI)
- II. **d-Gaussian pell polynomials and their matrix representation**  
Özkan E., Uysal M.  
Discrete Mathematics, Algorithms and Applications, pp.1-16, 2023 (ESCI)
- III. **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)
- IV. **The k-Fibonacci group and periods of the k-step Fibonacci sequences**  
Munesh Kumari<sup>1</sup> M., Prasad K., Kuloğlu B., Özkan E.  
WSEAS TRANSACTIONS ON MATHEMATICS, vol.21, pp.838-843, 2022 (Scopus)

- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **Hyperbolic functions obtained from k -Jacobsthal sequences**  
Kuloğlu B., Özkan E.  
Asian-European Journal of Mathematics, vol.15, no.9, 2022 (ESCI)
- X. **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)
- XI. **NEW NARAYANA TRIANGLE**  
Kuloğlu B., Özkan E.  
JOURNAL OF SCIENCE AND ARTS, vol.22, no.3, pp.563-570, 2022 (ESCI)
- XII. **ON THE PELL-EISENSTEIN SERIES OF POWER m**  
İnam İ., Özkan E., Demirkol Özkaya Z., Uysal M.  
Bulletin of the Transilvania University of Brasov. Series III: Mathematics and Computer Science, vol.2, no.64, pp.77-82, 2022 (Scopus)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **PADOVAN HYBRID QUATERNIONS AND SOME PROPERTIES**  
Uysal M., Özkan E.  
Journal Of Science And Arts, vol.22, no.1, pp.121-132, 2022 (ESCI)
- XVIII. **BIGAUSSIAN PELL AND PELL-LUCAS POLYNOMIALS**  
Özkan E., Alp T.  
MATHEMATICA MONTISNIGRI, vol.53, no.3, pp.17-25, 2022 (Peer-Reviewed Journal)
- XIX. **A short note on the Pell-Lucas-Eisenstein series**  
Uysal M., İnam I., Özkan E.  
Asian-European Journal of Mathematics, vol.15, no.5, 2022 (ESCI)
- XX. **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)

- XXI. **Incomplete generalized Vieta–Pell and Vieta–Pell–Lucas polynomials**  
Kuloğlu B., Özkan E., Shannon A. G.,  
Notes on Number Theory and Discrete Mathematics, vol.27, no.4, pp.245-256, 2021 (ESCI)
- XXII. **MERSENNE-LUCAS HYBRID NUMBERS**  
Özkan E., Uysal M.  
MATHEMATICA MONTISNIGRI, vol.52, pp.17-29, 2021 (Peer-Reviewed Journal)
- XXIII. **On  $F_3(k, n)$  -numbers of the Fibonacci type**  
ÖZKAN E., Yılmaz N. Ş., Włoch A.  
Boletín de la Sociedad Matemática Mexicana, vol.27, no.3, 2021 (ESCI)
- XXIV. **A New Generalization of Fibonacci Polynomials**  
Özkan E., Alp T.  
Research & Reviews: Discrete Mathematical Structures, vol.8, no.2, pp.27-31, 2021 (Peer-Reviewed Journal)
- XXV. **ON GENERALIZED  $(k, r)$  – GAUSS PELL NUMBERS**  
KULOĞLU B., ÖZKAN E.  
Journal of Science and Arts, vol.3, no.56, pp.617-624, 2021 (ESCI)
- XXVI. **On a new family of gauss  $k$ -Lucas numbers and their polynomials**  
Özkan E., Tastan M.  
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.14, no.6, 2021 (Scopus)
- XXVII. **A New Approach to  $k$ -Jacobsthal Lucas Sequences**  
Akkuş H., Üregen R. N., Özkan E.  
Sakarya University Journal of Science SAUJS, vol.25, no.4, pp.969-973, 2021 (Peer-Reviewed Journal)
- XXVIII. **On the new Narayana polynomials, the Gauss Narayana numbers and their polynomials**  
Özkan E., Kuloğlu B.  
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.14, no.6, 2021 (ESCI)
- XXIX. **K-NARAYANA SEQUENCE SELF-SIMILARITY**  
Özkan E., Kuloğlu B., Peters J. F.  
hal.archives-ouvertes.fr, vol.03242990, pp.1-21, 2021 (Peer-Reviewed Journal)
- XXX. **Some properties of  $k$ -generalized Fibonacci numbers**  
Yılmaz N., Aydoğdu A., Özkan E.  
MATHEMATICA MONTISNIGRI, vol.50, no.7, pp.73-79, 2021 (Peer-Reviewed Journal)
- XXXI. **On the new families of  $k$ -Pell numbers and  $k$ -Pell-Lucas numbers and their polynomials**  
Özkan E., Taştan M., Aktaş A.  
Journal of Contemporary Applied Mathematics, vol.11, no.1, pp.16-30, 2021 (Peer-Reviewed Journal)
- XXXII. **ON THE GAUSS  $k$ - FIBONACCI POLYNOMIALS**  
Taştan M., Özkan E.  
Electronic Journal of Mathematical Analysis and Applications, vol.9, no.1, pp.124-130, 2021 (Peer-Reviewed Journal)
- XXXIII. **Catalan transform of the  $k$ -Pell,  $k$ -Pell-Lucas and modified  $k$ -Pell sequence**  
Tastan M., Özkan E.  
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.27, no.1, pp.198-207, 2021 (Peer-Reviewed Journal)
- XXXIV. **The generalized  $k$ -Fibonacci polynomials and generalized  $k$ -Lucas polynomials**  
Tastan M., Özkan E., Shannon A. G.  
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.27, no.2, pp.148-158, 2021 (Peer-Reviewed Journal)
- XXXV. **New Recurrence Relations for Tribonacci Sequence and Generalized Tribonacci Sequence**  
Durukan İ., Çelik S., Özkan E.  
Research & Reviews: Discrete Mathematical Structures (RRDMS), vol.7, no.3, pp.1-6, 2020 (Peer-Reviewed Journal)
- XXXVI. **New Number Sequences Obtained with Grouping of Fibonacci Numbers**

- Durukan İ., Özkan E.  
Research & Reviews: Discrete Mathematical Structures (RRDMS), vol.7, no.3, pp.27-35, 2020 (Peer-Reviewed Journal)
- XXXVII. **On A Jacobsthal-Like Sequence Associated with K-Jacobsthal-Lucas Sequence**  
Özkan E., Kuloğlu B.  
Journal of Contemporary Applied Mathematics, vol.10, no.2, pp.3-13, 2020 (Peer-Reviewed Journal)
- XXXVIII. **CATALAN TRANSFORM OF THE k-JACOBSTHAL SEQUENCE**  
Özkan E., Taştan M.  
Electronic Journal of Mathematical Analysis and Applications (EJMAA), vol.8, no.2, pp.70-74, 2020 (Peer-Reviewed Journal)
- XXXIX. **Catalan Transform of The k-Lucas Numbers**  
Özkan E., Taştan M., Güngör O.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, pp.145-149, 2020 (Peer-Reviewed Journal)
- XL. **A NEW FAMILIES OF GAUSS k-JACOBSTHAL NUMBERS AND GAUSS k-JACOBSTHAL-LUCAS NUMBERS AND THEIR POLYNOMIALS**  
Özkan E., Taştan M.  
JOURNAL OF SCIENCE AND ARTS, no.4, pp.893-908, 2020 (Peer-Reviewed Journal)
- XLI. **k-Fibonacci Polynomials in The Family of Fibonacci Numbers**  
Özkan E., Taştan M.  
Research & Reviews: Discrete Mathematical Structures, vol.6, no.3, pp.19-22, 2019 (Peer-Reviewed Journal)
- XLII. **3-Fibonacci Polynomials in The Family of Fibonacci Numbers**  
Özkan E., Taştan M., Aydoğdu A.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.926-933, 2019 (Peer-Reviewed Journal)
- XLIII. **A Sequence Bounded Above by the Lucas Numbers**  
Özkan E., Aydoğdu A., Göçer A.  
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- XLIV. **2-Fibonacci polynomials in the family of Fibonacci numbers**  
Özkan E., Taştan M., Aydogdu A.  
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.24, no.3, pp.47-55, 2018 (Peer-Reviewed Journal)
- XLV. **Some Identities For A Family Of Fibonacci And Lucas Numbers**  
Özkan E., Aydoğdu A., Altun İ.  
Journal of Mathematics and Statistical Science, vol.3, no.10, pp.295-303, 2017 (Peer-Reviewed Journal)
- XLVI. **A new sequence realizing Lucas numbers, and the Lucas bound**  
Özkan E., Göçer A. A., Altun İ.  
Electronic Journal of Mathematical Analysis and Applications, vol.5, no.1, pp.148-154, 2017 (Peer-Reviewed Journal)
- XLVII. **On The Factor Rings Of Eisenstein Integers**  
Özkan E., Öztürk R., Aydoğdu A.  
Erzincan Journal of Science and Technology, vol.6, no.2, pp.165-174, 2013 (Peer-Reviewed Journal)
- XLVIII. **Catalan Numbers and Modular Arithmetic**  
Özkan E., Dervişoğlu S.  
Journal of the Institute of Science and Technology (JIST), vol.2, no.4, pp.63-66, 2012 (Peer-Reviewed Journal)
- XLIX. **General Recurrences in Modular Groups**  
Dikici R., Özkan E.  
Journal of Faculty of Science, Ege University, vol.21, no.2, pp.93-101, 1998 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **ON A GENERALIZATION OF MERSENNE HYBRID NUMBERS**



Özkan E., Uysal M.

International Conference on Computational Mathematics and Engineering Sciences (CMES-2022) , Ordu, Turkey, 20 - 22 May 2022, pp.72

**II. On Catalan Transformations of the Gaussian Fibonacci Sequence**

Uysal M., Özkan E.

2 nd International Congress of Engineering and Natural Sciences (ICENSS 2022), Ankara, Turkey, 7 - 09 May 2022, pp.388-393

**III. FIBONACCI SEQUENCES IN FINITE GROUPS**

Özkan E.

2 nd International Congress of Engineering and Natural Sciences , Ankara, Turkey, 7 - 09 May 2022, pp.496-510

**IV. A new family of the k-Fibonacci polynomials**

Özkan E., Alp T.

Academia International Conference on Mathematics and Mathematics Education, Siirt, Turkey, 1 - 03 December 2021, pp.44-46

**V. Pell Sayıları ile ilişkili olarak elde edilen Pell fonksiyonları**

Özkan E., Uysal M.

Prof. Dr. Cemil Yapar Anısına Ulusal Matematik ve İstatistik Sempozyumu, Ordu, Turkey, 10 - 11 December 2021, pp.1

**VI. Relationship Between k-Jacobsthal-Lucas Sequence and Jacobsthal Like Sequence**

Kuloğlu B., Özkan E.

7th International Mardin Artuklu Scientific Researches Conference, Mardin, Turkey, 10 - 12 December 2021, pp.1

**VII. A Generalization of Gaussian Pell-Lucas Polynomials**

Özkan E., Uysal M.

International Conference on Mathematics and Mathematics Education, Ankara, Turkey, 16 - 18 September 2021, pp.1

**VIII. On the Catalan Transforms of the Incomplete Jacobsthal Numbers**

Özkan E., Uysal M., Kuloğlu B.

International Conference on Mathematics and Mathematics Education, Ankara, Turkey, 16 - 18 September 2021, pp.26-27

**IX. Fibonacci Polinomlarının bir Genelleştirmesi**

Özkan E., Uysal M.

33. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 31 August - 03 September 2021, pp.49

**X. Gauss Pell Sayı Tipleri Üzerine**

Kuloğlu B., Özkan E.

33. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 31 August - 03 September 2021, pp.31-37

**XI. On The New Families of Gauss K-Lucas Numbers And Their Polynomials**

Özkan E., Taştan M.

International Conference on Mathematics and its Applications in Science and Engineering (ICMASE 2020), Ankara, Turkey, 9 July - 10 December 2020, pp.1

**XII. The K-Narayana Sequence**

Özkan E., Kuloğlu B.

International Conference on Mathematics and its Applications in Science and Engineering- ICMASE 2020, Ankara, Turkey, 9 - 10 July 2020, pp.1

**XIII. On New Narayana Polynomials**

Özkan E., Kuloğlu B.

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**XIV. A New Family k-Jacobsthal Numbers**

Özkan E., Taştan M.

USLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 18 - 19 January 2020, pp.60

- XV. **A New Family k-Jacobsthal-Lucas Numbers**  
Taştan M., ÖZKAN E.  
3.ULUSLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 18 - 19 January 2020
- XVI. **k-Pell Sequence**  
Aktaş A., Taştan M., ÖZKAN E.  
3.ULUSLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 18 - 19 January 2020, pp.57
- XVII. **ON GAUSS LUCAS POLYNOMIALS**  
ÖZKAN E., Taştan M.  
(ICMSA2018) International Conference on Mathematical Studies and Applications, Karaman, Turkey, 4 - 06 October 2018, pp.46
- XVIII. **Akarlarda (Acari) altın oran**  
ÖZKAN E., DOĞAN S., DOĞAN S., ÇİÇEKSİZ N. Ş.  
31.Ulusal Matematik Sempozyumu, Turkey, 12 - 15 September 2018, pp.28
- XIX. **Tribonacci Sayılarında Yeni Tekrarlı Bağlıntılar**  
ÖZKAN E., DURUKA İ.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018, pp.45
- XX. **k-Lucas Dizilerinin Katalan Dönüşümü**  
ÖZKAN E., Taştan M., GÜNGÖR O.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018, pp.29
- XXI. **Genelleştirilmiş Fibonacci, Lucas polinomlarının Binet Formülleri Üzerine**  
ÖZKAN E., göçer a.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018, pp.31
- XXII. **Gauss Fibonacci Polinomları Üzerine**  
ÖZKAN E., Taştan M.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018, pp.18
- XXIII. **Tribonacci- Lucas Sayılarında Yeni Tekrarlı Bağlıntılar**  
ÖZKAN E., Çelik S.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018, pp.27
- XXIV. **On Fibonacci Polynomials in The Family of Fibonacci Numbers**  
ÖZKAN E., Taştan M., AYDOĞDU A.  
International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2018), İstanbul, Turkey, 20 - 24 June 2018, pp.15
- XXV. **On 2-Fibonacci Polynomials**  
ÖZKAN E., Taştan M., AYDOĞDU A.  
International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 11 - 13 May 2018, pp.31
- XXVI. **Explicit Computation of the Unipotent Terms in The Trace Formula for  $GL(2)$  Over a Number Field**  
Aydoğdu A., Özkan E., Öztürk R.  
International Conference on Mathematical Advances and Applications (ICOMAA-2018), İstanbul, Turkey, 11 - 13 May 2018, pp.30
- XXVII. **A New Sequence Defined by h-vectors, which is Bounded above by the Lucas number**  
ÖZKAN E., AYDOĞDU A., göçer a.  
II. Uluslararası Iğdır Sempozyumu, Iğdır, Turkey, 9 - 11 October 2017, pp.272
- XXVIII. **On The Relationship Between A Family of Fibonacci And Lucas Numbers**  
Altun İ., Aydoğdu A., ÖZKAN E.  
INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS (ICRAPAM 2017), Aydın, Turkey, 11 - 15 May 2017, pp.15
- XXIX. **Öztürk, H. and Özkan, E., The Padovan Sequences in Centro-Polyhedral Groups,**  
ÖZKAN E.  
5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016), Belgrade, Serbia And Montenegro, 16 - 19 August 2016, pp.1

- XXX. **New Generalized Fibonacci and Lucas Polynomials**  
 ÖZKAN E., İpek A.  
 International Conference on Advancements in Mathematical Sciences (AMS 2015) , Antalya, Turkey November 5-7, 2015., 5 - 07 November 2015
- XXXI. **Özkan, E., Göçer, A. and Altun, İ. The relationship between nth lucas number and a sequence defined by m-sequences**  
 ÖZKAN E.  
 , International Conference on Pure and Applied Mathematics, ICPAM 2015, Van, Turkey, 25 - 28 August 2015, pp.1
- XXXII. **1) Öztürk, R., Aydoğdu, A. and Özkan, E. An alternative proof for a lemma used in the trace formula for  $GL(2)$  over a number field,**  
 ÖZKAN E.  
 International Conference on Pure and Applied Mathematics, ICPAM 2015, Van, Turkey, 25 - 28 August 2015, pp.2
- XXXIII. **Özkan, E., Altun, İ. and Göçer, A. Genelleştirilmiş Lucas Polinomları**  
 ÖZKAN E.  
 10. Ankara Matematik Günleri, Ankara, Turkey, 11 - 12 June 2015, pp.1
- XXXIV. **On the a new family of k Fibonacci and k Lucas numbers**  
 ÖZKAN E., İpek A.  
 Antalya Algebra Days XVII, 20 - 24 May, 2015 Sirince, İzmir - Turkey, 20 - 24 May 2015
- XXXV. **Başdaş, S. ve Özkan, E., Halka ve Modül Kategorileri**  
 ÖZKAN E.  
 26. ULUSAL MATEMATİK SEMPOZYUMU, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1
- XXXVI. **Öztürk, R., Aydoğdu, A. and Özkan, E. and Flicker, Y.Z. " The Trace Formula for  $GL(2)$  over a Global Field**  
 ÖZKAN E.  
 , II. Uluslararası Avrasya Matematik Bilimleri ve Uygulamaları Konferansı (IECMSA-2013), Saraybosna, Bosnia And Herzegovina, 26 - 29 August 2013, pp.43
- XXXVII. **Aydoğdu, A., Öztürk, R., Özkan, E. ve Flicker, Y., "Transfer of Orbital integrals and Division Algebras"**  
 ÖZKAN E.  
 1st International Eurasian Conference on Mathematical Sciences and Applications, Priştina, Kosova, 3 - 07 September 2012, pp.2-5
- XXXVIII. **Özkan, E. and Dervişoğlu, S. "Catalan Numbers and Modular Arithmetic"**  
 ÖZKAN E.  
 I. International Iğdır Symposium, Iğdır, Turkey, 12 - 20 June 2012, pp.12-15
- XXXIX. **Öztürk, R., Aydoğdu, A. and Özkan, E. " On The Factor Rings of Eisenstein Integers"**  
 ÖZKAN E.  
 XXIV. National Mathematics Symposium, Bursa, Turkey, 12 - 15 July 2011, pp.1
- XL. **Özkan, E. and Aydın, H., "Wall Number and Properties of Truncated Lucas Sequences"**  
 ÖZKAN E.  
 XIX. National Mathematics Symposium, 22-25 August, Kütahya, 2006., Kütahya, Turkey, 22 - 25 August 2006, pp.1
- XLI. **1) Özkan, E., "On Truncated Fibonacci Sequences"**  
 ÖZKAN E.  
 International Antalya Algebra Days VII, Antalya, Turkey, 17 - 21 May 2006, pp.20-30
- XLII. **Özkan, E. and Aydın, H., "Fibonacci Sequences in Finite Nilpotent Group with Class 4**  
 ÖZKAN E.  
 ", Palandöken Mathematics Days,, Erzurum, Turkey, 17 - 21 July 2001, pp.1
- XLIII. **Özkan, E. and Karaduman, E., "Recurrences on Nilpotent Groups"**  
 ÖZKAN E.  
 XIII. National Mathematics Symposium (Dünya Matematik Etkinliği), İstanbul, Turkey, 12 - 16 June 2000, pp.1
- XLIV. **Dikici, R. and Özkan, E., "General Recurrences in Modular Groups**  
 ÖZKAN E.  
 40. Anniversary Symposium on Mathematics, Erzurum, Turkey, 11 - 14 May 1998, pp.1

XLV. **Dikici, R. and Özkan, E., "3-Step General Fibonacci Sequences in Groups",**

ÖZKAN E.

Sakarya Mathematics Symposium, Sakarya, Turkey, 11 - 14 August 1997, pp.1

## Supported Projects

Özkan E., Uysal M., Kuloğlu B., Project Supported by Higher Education Institutions, Generalized incomplete Jacobsthal polynomials, 2021 - 2022

Albayrak H., Tuna Yıldırım S., Özkan E., Gözcü S., İneç Z. F., 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

ÖZKAN E., KIZILTUĞ S., GÜNDÜZ B., ERİŞİR T., ÖZDİN T., Taştan M., Project Supported by Higher Education Institutions, 31. Ulusal Matematik Sempozyumu, 2018 - 2018

ÖZKAN E., GÖÇER A. A., Altun İ., TAŞYURDU Y., Çobanoğlu N., dilmen Z., Project Supported by Higher Education Institutions, Rekurens(Tekrarlı)Bağıntılarının Yeni Aile Dizileri ve Periyodları, 2015 - 2017

TAŞYURDU Y., Altun Uçar İ., Göçer A. A., Aksu N., Dilmen Z., ÖZKAN E., Project Supported by Higher Education Institutions, Halkalarda Rekurens Bağıntılarının Dizileri ve Periyodları, 2015 - 2016

ÖZKAN E., Project Supported by Higher Education Institutions, Yarıbasit Gruplar İçin İz Formülü, 2013 - 2014

ÖZKAN E., Project Supported by Higher Education Institutions, GL (2,F) İçin Metaplectic Uygunluk, 2013 - 2014

MUTLU S., ÖZKAN E., DOĞAR Ç., ADİL S., 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

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

Research & Reviews: Discrete Mathematical Structures, Committee Member, 2016 - Continues

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Advisory Committee Member, 2010 - Continues

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Editor, 2019 - 2022

## Memberships / Tasks in Scientific Organizations

Türk Matematik Derneği, Member, 1999 - Continues, Turkey

## Scientific Refereeing

NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, Journal Indexed in ESCI, December 2022

ENTROPY, SCI Journal, December 2022

BOUNDARY VALUE PROBLEMS, SCI Journal, December 2022

Processes, National Scientific Refreed Journal, December 2022

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,

Journal Indexed in ESCI, December 2022

SYMMETRY, SCI Journal, November 2022

BOUNDARY VALUE PROBLEMS, SCI Journal, November 2022  
Axioms, SCI Journal, November 2022  
MATHEMATICS, SCI Journal, November 2022  
MATHEMATICS, SCI Journal, October 2022  
GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, October 2022  
Asian Journal of Mathematics and Computer Research, Other Indexed Journal, October 2022  
SYMMETRY, SCI Journal, October 2022  
MATHEMATICA SLOVACA, SCI Journal, September 2022  
Hacettepe Bulletin of Natural Sciences and Engineering Series B / Mathematics and Statistics, SCI Journal, September 2022  
FRACTAL AND FRACTIONAL, SCI Journal, September 2022  
Axioms, SCI Journal, September 2022  
Mathematics, SCI Journal, August 2022  
APPLIED MATHEMATICAL MODELLING, SCI Journal, August 2022  
BOUNDARY VALUE PROBLEMS, SCI Journal, July 2022  
SYMMETRY, SCI Journal, July 2022  
SYMMETRY, SCI Journal, July 2022  
MATHEMATICS, SCI Journal, June 2022  
SYMMETRY-BASEL, SCI Journal, May 2022  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, May 2022  
TWMS (Turkish World Mathematical Society) Journal of Applied and Engineering Mathematics, Journal Indexed in ESCI, April 2022  
SYMMETRY, SCI Journal, April 2022  
Algebra, Analysis and Associated Topics, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, April 2022  
Mathematica Montisnigri, Other Indexed Journal, April 2022  
JORDAN JOURNAL OF MATHEMATICS AND STATISTICS, Journal Indexed in ESCI, April 2022  
AIMS MATHEMATICS, SCI Journal, March 2022  
MATHEMATICS, SCI Journal, March 2022  
South East Asian Journal of Mathematics and Mathematical Sciences, Other Indexed Journal, March 2022  
Asian Basic and Applied Research Journal, Other Indexed Journal, March 2022  
Universal Journal of Mathematics and Applications, Other Indexed Journal, March 2022  
JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS, SCI Journal, February 2022  
Asian-European Journal of Mathematics, Journal Indexed in ESCI, January 2022  
JOURNAL OF MATHEMATICS, SCI Journal, January 2022  
Research & Reviews Discrete Mathematical Structures, Other Indexed Journal, October 2021  
Earthline Journal of Mathematical Sciences, Other Indexed Journal, September 2021  
Fundamental Journal of Mathematics and Applications, Other Indexed Journal, August 2021  
Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, Journal Indexed in ESCI, August 2021  
MATHEMATICA SLOVACA, Journal Indexed in SCI-E, July 2021  
Advances and Applications in Discrete Mathematics, Journal Indexed in ESCI, July 2021  
journal of science and Arts, Journal Indexed in ESCI, July 2021  
Project Supported by Higher Education Institutions, BAP Research Project, Yildiz Technical University, Turkey, June 2021  
Asian Research Journal of Mathematics, Other Indexed Journal, May 2021  
Journal of Contemporary Applied Mathematics, Other Indexed Journal, November 2020  
MISKOLC MATHEMATICAL NOTES, SCI Journal, July 2020  
Caspian Journal of Mathematical Sciences , Other Indexed Journal, June 2020  
TURKISH JOURNAL OF MATHEMATICS, SCI Journal, February 2018

## Tasks In Event Organizations

- Özkan E., 2.Uluslararası Multidisipliner Doğa Bilimleri ve Mühendislik Kongresi, Scientific Congress, Ankara, Turkey, Aralık 2022
- Özkan E., 1st International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS -2022), Scientific Congress, Erzurum, Turkey, Mayıs 2022
- Özkan E., 6th International Conference on Computational Mathematics and Engineering Sciences , Scientific Congress, Ordu, Turkey, Mayıs 2022
- Özkan E., ACADEMIA INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION, Scientific Congress, Siirt, Turkey, Kasım 2021
- Özkan E., International Conference on Mathematics and Mathematics Education, Scientific Congress, Ankara, Turkey, Eylül 2021
- 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
- Özkan E., 17th International Geometry Symposium, Scientific Congress, Erzincan, Turkey, Haziran 2019
- 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: 116
- Citation (WoS): 80
- Citation (Scopus): 124
- H-Index (WoS): 5
- H-Index (Scopus): 8

## 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., Akademik Bilim, Sanat ve Spor Ödülleri-Temel Bilimler 1.lık ödölü, Erzincan Kùltür Eğitimi 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 Birinciliđi, Atatürk Üniversitesi, K.K. Eğitim Fakültesi, June 1995