

Assoc. Prof. YASEMİN TAŞYURDU

Personal Information

Office Phone: [+90 446 224 3032](tel:+904462243032) Extension: 40099

Email: ytasyurdu@erzincan.edu.tr

Web: <https://avesis.ebyu.edu.tr/ytasyurdu>

Address: Erzincan Binali Yıldırım Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü

International Researcher IDs

ORCID: 0000-0002-9011-8269

Yoksis Researcher ID: 27828

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2009 - 2013

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2006 - 2009

Undergraduate, Ataturk University, Fen Edebiyat Faültesi, Matematik, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Fibonacci Polinomlarının ve p2 Mertebeden Bazı Halkaların Fibonacci Dizilerinin Periyotları, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2013

Postgraduate, Gruplarda Fibonacci Dizileri, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2009

Research Areas

Mathematics, General Algebraic Systems, Natural Sciences

Academic Titles / Tasks

Associate Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2024 - Continues

Assistant Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2018 - 2024

Assistant Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2013 - 2018

Research Assistant, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2013

Supervised Theses

Taşyurdu Y., Tribonacci ve Tribonacci-Lucas Hibrit Sayılarının Uygulamaları ve Alt Dizileri, Postgraduate,

Y.Emre(Student), Continues

Taşyurdu Y., Generalized Fibonacci p-Numbers and Their Applications with Combinatorial Approach, Postgraduate, B.CENGİZ(Student), 2022

Taşyurdu Y., Bi-Periyodik (p,q)-Fibonacci ve Bi-Periyodik (p,q)-Lucas Dizileri, Postgraduate, N.ŞEYDA(Student), 2021

Taşyurdu Y., Padovan, pell-padovan, perrin octonions and sedenions, Postgraduate, A.KARANLIK(Student), 2021

Taşyurdu Y., Genelleştirilmiş Fibonacci ve Lucas Hibrit Polinomları, Postgraduate, A.ŞAHİN(Student), 2021

Taşyurdu Y., p^2 mertebeden bazı halkaların Pell polinomlar ve periyotları, Postgraduate, D.ÇİFÇİ(Student), 2019

TAŞYURDU Y., Birimli Halkaların Fibonacci Dizilerinin Periyotları Ve Tridiagonal Matrisi, Postgraduate, Z.Dilmen(Student), 2018

Taşyurdu Y., k-Pell,k-Pell-Lucas ve Modifiye k-Pell, Postgraduate, B.KEFÇİ(Student), 2018

Taşyurdu Y., k-Fibonacci Sayılarının Yeni Aile Dizileri, Periyotları Ve Özellikleri, Postgraduate, N.Aksu(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Fibonacci Polynomials in Rings**
TAŞYURDU Y., Deveci O.
ARS COMBINATORIA, vol.133, pp.355-366, 2017 (SCI-Expanded)
- II. **On Period of the Sequence of Fibonacci Polynomials Modulo m**
GÜLTEKİN İ., TAŞYURDU Y.
DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **On Generalized Fibonacci Hybrinomials**
Taşyurdu Y., Şahin A.
COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.13, no.2, pp.737-751, 2022 (ESCI)
- II. **A TILING INTERPRETATION FOR (p, q)-FIBONACCI AND (p, q)-LUCAS NUMBERS**
Taşyurdu Y., Türkoğlu N. Ş.
Journal of Universal Mathematics, vol.5, no.2, pp.81-87, 2022 (Peer-Reviewed Journal)
- III. **A TILING APPROACH TO FIBONACCI p-NUMBERS**
Taşyurdu Y., Cengiz B.
Journal of Universal Mathematics, vol.5, no.2, pp.177-184, 2022 (Peer-Reviewed Journal)
- IV. **Tribonacci and Tribonacci-Lucas Hybrinomials**
Taşyurdu Y., Polat Y. E.
Journal of Mathematics Research, vol.13, no.5, pp.32-43, 2021 (Peer-Reviewed Journal)
- V. **Perrin Octonions and Perrin Sedenions**
Taşyurdu Y., Akpınar A.
Konuralp Journal of Mathematics, vol.8, no.2, pp.384-390, 2020 (Peer-Reviewed Journal)
- VI. **Tribonacci and Tribonacci-Lucas Hybrid Numbers**
Taşyurdu Y.
International Journal of Contemporary Mathematical Sciences, vol.14, no.4, pp.245-254, 2019 (Peer-Reviewed Journal)
- VII. **Padovan and Pell-Padovan Octonions**
TAŞYURDU Y., Akpınar A.
Turkish Journal of Mathematics Computer Science, vol.11, pp.114-122, 2019 (Peer-Reviewed Journal)
- VIII. **Determinants and Permanents of Hessenberg Matrices with Fibonacci-Like Sequences**
TAŞYURDU Y., Işık F.
Turkish Journal of Mathematics Computer Science, vol.11, pp.65-71, 2019 (Peer-Reviewed Journal)
- IX. **Generalized (p,q)-Fibonacci-Like Sequences and Their Properties**
TAŞYURDU Y.

Journal of Mathematics Research, vol.11, no.6, pp.43-52, 2019 (Peer-Reviewed Journal)

- X. **Hyperbolic Tribonacci and Tribonacci-Lucas Sequences**
TAŞYURDU Y.
International Journal of Mathematical Analysis, vol.13, no.12, pp.565-572, 2019 (Peer-Reviewed Journal)
- XI. **On the Sums of Tribonacci and Tribonacci-Lucas Numbers**
Taşyurdu Y.
Applied Mathematical Sciences, vol.13, no.24, pp.1201-1208, 2019 (Peer-Reviewed Journal)
- XII. **Pell Sequences in Rings with Identity and Their Applications**
TAŞYURDU Y.
IOSR Journal of Mathematics, vol.15, no.6, pp.1-9, 2019 (Peer-Reviewed Journal)
- XIII. **On Generalized Fibonacci-Like Sequences by Hessenberg Matrices**
TAŞYURDU Y.
International Journal of Mathematics Trends and Technology, vol.64, no.1, pp.51-58, 2018 (Peer-Reviewed Journal)
- XIV. **Binomial Transforms of Generalized Fibonacci-Like Sequences**
TAŞYURDU Y.
International Journal of Mathematics Trends and Technology, vol.64, no.1, pp.59-64, 2018 (Peer-Reviewed Journal)
- XV. **ON THE JACOBSTHAL SEQUENCES AND THEIR APPLICATIONS IN RINGS WITH IDENTITY**
TAŞYURDU Y., ÇİFÇİ D.
Romai Journal, vol.14, no.1, pp.187-200, 2018 (Peer-Reviewed Journal)
- XVI. **Applications of Pell Polynomials in Rings**
TAŞYURDU Y., ÇİFÇİ D., DEVECİ O.
Journal of Mathematics Research, vol.10, pp.35-41, 2018 (Peer-Reviewed Journal)
- XVII. **Matrix Representations of Fibonacci-Like Sequences**
TAŞYURDU Y.
New Trends in Mathematical Sciences, vol.6, no.3, pp.222-230, 2018 (Peer-Reviewed Journal)
- XVIII. **The Period of Fibonacci Sequences Over The Finite Field of Order p^2**
TAŞYURDU Y., DİLMEN Z.
CELAL BAYAR ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, vol.13, no.1, pp.248-255, 2017 (Peer-Reviewed Journal)
- XIX. **On Period of Generalized Fibonacci Sequence Over Finite Ring and Tridiagonal Matrix**
TAŞYURDU Y., DİLMEN Z.
Celal Bayar University Journal of Science, vol.13, no.1, pp.165-169, 2017 (Peer-Reviewed Journal)
- XX. **On the a New Family of k-Fibonacci Numbers**
TAŞYURDU Y., ÇOBANOĞLU N., DİLMEN Z.
Erzincan University Journal of Science and Technology, vol.9, no.1, pp.95-101, 2016 (Peer-Reviewed Journal)
- XXI. **The period of Fibonacci sequences over the finite field of order p^2**
TAŞYURDU Y., GULTEKİN İ.
New Trends in Mathematical Sciences, vol.2016, no.4, pp.248-255, 2016 (Peer-Reviewed Journal)
- XXII. **Determinantal and permanent representation of q-Fibonacci polynomials**
TAŞYURDU Y., GULTEKİN İ.
Qscience Connect, no.1, pp.1-5, 2014 (Peer-Reviewed Journal)
- XXIII. **On The Pell Polynomials $P_n(x,s,q)$ and Tridiagonal Matrix**
TAŞYURDU Y., GULTEKİN İ.
Research & Reviews: Discrete Mathematical Structures, no.1, pp.24-27, 2014 (Peer-Reviewed Journal)
- XXIV. **ON PERIOD OF FIBONACCI SEQUENCE IN FINITE RINGS WITH IDENTITY OF ORDER p^2**
TAŞYURDU Y., GULTEKİN İ.
Journal of Mathematics and System Science, vol.2013, no.3, pp.349-352, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Yasemin TAŞYURDU, Ayşe AKPINAR**
TAŞYURDU Y., AKPINAR A.
International Conference on Mathematics and Mathematics Education (ICMME 2019), 11 - 13 July 2019
- II. **Determinants and permanents of Hessenberg matrices with Fibonacci-like sequences**
TAŞYURDU Y., Işık F.
International Conference on Mathematics and Mathematics Education, Konya, Turkey, 11 - 13 July 2019, pp.29
- III. **Hessenberg matrices and Morgan-Voyce sequences**
TAŞYURDU Y., Işık F.
International Conference on Mathematics and Mathematics Education, Konya, Turkey, 11 - 13 July 2019, pp.27
- IV. **Perrin octonions and Perrin sedenions**
TAŞYURDU Y., Akpınar A.
International Conference on Mathematics and Mathematics Education, Konya, Turkey, 11 - 13 July 2019, pp.23
- V. **Padovan and Pell-Padovan octonions**
TAŞYURDU Y., Akpınar A.
International Conference on Mathematics and Mathematics Education, Konya, Turkey, 11 - 13 July 2019, pp.21
- VI. **BINOMIAL TRANSFORMS OF THE MORGAN-VOYCESEQUENCES**
TAŞYURDU Y.
5th IFSCOM2018, 5th International IFS and Contemporary Mathematics Conference, Kahramanmaraş, Turkey, 5 - 09 September 2018, pp.79-87
- VII. **DETERMINANTS AND PERMANENTS OF HESSENBERGMATRICES WITH (s t)-JACOBSTHAL AND (s t)-JACOBSTHALLUCAS SEQUENCES**
TAŞYURDU Y.
5th IFSCOM2018, 5th International IFS and Contemporary Mathematics Conference, Kahramanmaraş, Turkey, 5 - 09 September 2018, pp.98-150
- VIII. **The Adjacency-Pell Sequence in Groups**
DEVECİ Ö., AKÜZÜM Y., TAŞYURDU Y.
International Conference on Mathematics and Engineering-ICOME, İstanbul, Turkey, 10 - 12 May 2017
- IX. **The Jacobsthal Sequence in the Ring and Its Structure**
TAŞYURDU Y., ÇİFÇİ D.
International Conference on Mathematics and Engineering, 10 - 12 May 2017, pp.396
- X. **The Jacobsthal Sequence in The Ring Structure**
TAŞYURDU Y., ÇİFÇİ D.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017, pp.396
- XI. **k-Pell,k-Pell Lucas and Modified k-Pell Matrix Sequences**
TAŞYURDU Y., Kefçi B., GULTEKİN I., DEVECİ O.
4th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Mersin, Turkey, 3 - 07 May 2017, pp.21
- XII. **The Pell Polynomials in Rings**
TAŞYURDU Y., ÇİFÇİ D., DUMLU H.
Antalya Algebra Days XVIII, İzmir, Turkey, 18 - 22 May 2016, pp.25
- XIII. **ON THE q-FIBONACCI POLYNOMIALS $F_n(x;s;q)$**
TAŞYURDU Y., DUMLU H., ÇİFÇİ D.
Antalya Algebra Days XVIII, İzmir, Turkey, 18 - 22 May 2016, pp.26
- XIV. **On Period of Generalized Fibonacci Sequence over Finite Rings and Tridiagonal Mtrix**
TAŞYURDU Y., Zülküf D.
International Conference on Advancement İn Mathematical Sciences, 5 - 07 November 2015
- XV. **On Period of Generalized Fibonacci Sequence Over Finite Rings and Tridiagonal Matrix**
TAŞYURDU Y., Dilmen Z.
International Conference on Advancement in Mathematical Sciences, Antalya, Turkey, 5 - 07 November 2015, pp.97

- XVI. **Keyfi Bir Halka Üzerinden Genelleştirilmiş Pell Dizisi ve Periyodu**
TAŞYURDU Y.
10. Ankara Matematik Günler, Ankara, Turkey, 11 - 12 June 2015, pp.117
- XVII. **k-Fibonacci Sayılarının Yeni Ailesi Üzerine**
TAŞYURDU Y., Çobanoğlu N.
10. Ankara Matematik Günleri, Ankara, Turkey, 11 - 12 June 2015, pp.46
- XVIII. **p₂ Mertebeden Sonlu Cisimlerin Fibonacci Dizilerinin Periyodu**
TAŞYURDU Y., GULTEKİN İ.
8. Ankara Matematik Günleri, Antalya, Turkey, 13 - 14 June 2013, pp.84
- XIX. **The Fibonacci Sequence in Finite Rings of order p₂**
TAŞYURDU Y., GULTEKİN İ.
Antalya Algebra Days XIV, Antalya, Turkey, 16 - 20 May 2012, pp.44
- XX. **Fibonacci Polinomlarının Katsayı ve Üstlerinin Modülüne göre Dizileri**
TAŞYURDU Y.
6. Ankara Matematik Günleri, Ankara, Turkey, 2 - 03 June 2011, pp.67
- XXI. **On the Relationship Between Fibonacci Length of its Extensions and Dicyclic group**
TAŞYURDU Y., GULTEKİN İ.
Antalya Algebra Days XII, Antalya, Turkey, 19 May 2010 - 22 May 2010, pp.40

Supported Projects

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

Metrics

Publication: 47
Citation (WoS): 11
Citation (Scopus): 4
H-Index (WoS): 3
H-Index (Scopus): 1