

Prof. İnci GÜLTEKİN

Personal Information

Web: <https://avesis.atauni.edu.tr/igultekin>

Address: Atatürk Üniversitesi Fen Fakültesi Matematik Bölümü Erzurum

International Researcher IDs

ScholarID: WiHXql8AAAAJ

ORCID: 0000-0003-4459-0615

Yoksis Researcher ID: 171517

Education Information

Doctorate, Ataturk University, Fen Fakültesi /Fen Bilimleri Enstitüsü, Matematik , Turkey 1997 - 2002

Postgraduate, Ataturk University, Fen Fakültesi /Fen Bilimleri Enstitüsü, Matematik , Turkey 1995 - 1997

Undergraduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 1989 - 1993

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, DEVİRLİ TEMSİLLER VE DEVİRLİ OLARAK TEMSİL EDİLMİŞ GRUPLAR, Atatürk Üniversitesi, Matematik, Matematik /Cebir Ve Sayılar Teorisi, 2002

Postgraduate, FİBONACCİ SAYILARI VE FİBONACCİ GRUPLARI, Atatürk Üniversitesi, Matematik, Matematik /Cebir Ve Sayılar Teorisi, 1997

Research Areas

Mathematics, Group Theory and Generalizations, Number Theory, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Matematik, 2016 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Matematik, 2011 - 2016

Assistant Professor, Ataturk University, Fen Fakültesi, Matematik, 2002 - 2011

Research Assistant, Ataturk University, Fen Fakültesi, Matematik, 1995 - 2002

Academic and Administrative Experience

Mevlana Exchange Program Institutional Coordinator, Ataturk University, Fen Fakültesi, Matematik, 2011 - 2022

Head of Department, Ataturk University, Fen Fakültesi, Matematik, 2018 - 2021

Courses

Fibonacci ve Lucas Sayıları ve uygulamaları, Postgraduate, 2024 - 2025
Lineer Cebir I, Undergraduate, 2024 - 2025
enel Matematik II , Undergraduate, 2022 - 2023
LİNEER CEBİR I, Undergraduate, 2023 - 2024
Lineer Cebir, Undergraduate, 2023 - 2024, 2022 - 2023
Lineer Cebir II, Undergraduate, 2022 - 2023
Lineer Cebir I, Undergraduate, 2023 - 2024, 2022 - 2023
Cisim Genişlemeleri, Undergraduate, 2023 - 2024
Lineer Cebir I, Undergraduate, 2023 - 2024
Genel Matematik II, Undergraduate, 2022 - 2023
Fibonacci ve Lucas Sayıları ve Uygulamaları I, Postgraduate, 2022 - 2023
Lineer cebir -1, Undergraduate, 2023 - 2024
Lineer Cebir I, Undergraduate, 2023 - 2024
lineer cebir II, Undergraduate, 2022 - 2023, 2021 - 2022
Cebire Giriş, Undergraduate, 2022 - 2023
Temel Matematik, Undergraduate, 2022 - 2023
soyut matematik II, Undergraduate, 2021 - 2022
LINEAR ALGEBRA, Undergraduate, 2021 - 2022
Lineer Cebir I, Undergraduate, 2021 - 2022
SOYUT CEBİR I-II, Undergraduate, 2018 - 2019
Fibonacci ve Lucas sayıları ve Uygulamaları I-II, Postgraduate, 2018 - 2019

Advising Theses

GÜLTEKİN İ., GENELLEŞMİŞ CHEBYSHEV POLİNOMLARI, Postgraduate, B.ŞAKİROĞLU(Student), 2016
GÜLTEKİN İ., FİBONACCİ SAYILARI VE TOPOLOJİK İNDEKSİN KİMYASAL FORMÜLLERDE İNCELENMESİ, Doctorate, B.ŞAHİN(Student), 2016
GÜLTEKİN İ., FİBONACCİ POLİNOMLARININ VE P2 MERTEBEDEN BAZI HALKALARIN FİBONACCİ DİZİLERİNİN PERİYOTLARI, Doctorate, Y.TAŞYURDU(Student), 2013
GÜLTEKİN İ., Q FİBONACCİ POLYNOMIALS AND MORS CODE SEQUENCE, Postgraduate, F.ÇEVİK(Student), 2013
GÜLTEKİN İ., GCD LCM MATRİSLERİ, Postgraduate, M.SEVER(Student), 2012
GÜLTEKİN İ., GRUPLARDA FİBONACCİ DİZİLERİ, Postgraduate, Y.TAŞYURDU(Student), 2009
GÜLTEKİN İ., Devirli Temsillerin Topolojik Özellikleri, Postgraduate, T.METİN(Student), 2005

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Sinop Üniversitesi, October, 2024
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Erzincan Binali Yıldırım Üniversitesi, September, 2024
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Erzurum Teknik Üniversitesi, September, 2024
Associate Professor Exam, Associate Professor Exam, Ataturk University, October, 2023
Associate Professor Exam, Associate Professor Exam, Ataturk University, October, 2023
Associate Professor Exam, Associate Professor Exam, Ataturk University, October, 2023
Doctoral Examination, Doctoral Examination, Ağrı İbrahim Çeçen Üniversitesi, July, 2023
Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship,

Atatürk Üniversitesi, June, 2023

Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, March, 2023

Associate Professor Exam, Associate Professor Exam, Ataturk University, March, 2023

Associate Professor Exam, Associate Professor Exam, Ataturk University, March, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ağrı İbrahim Çeçen Üniversitesi, December, 2022

Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, October, 2022

Associate Professor Exam, Associate Professor Exam, Ataturk University, October, 2022

Associate Professor Exam, Associate Professor Exam, Ataturk University, March, 2022

Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, October, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Teknik Üniversitesi, February, 2021

Associate Professor Exam, Associate Professor Exam, Ataturk University, January, 2021

Associate Professor Exam, Associate Professor Exam, Ataturk University, March, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Representations and deformations of 3-Hom- ρ -Lie algebras**
Peyghan E., Gezer A., Bagheri Z., Gültekin İ.
Journal of Algebra and its Applications, vol.22, no.3, 2023 (SCI-Expanded)
- II. **ON THE MERRIFIELD-SIMMONS INDEX AND GENERATING FUNCTIONS FOR THE GRAPHS OF THE STATE P-L (2, n)**
GÜLTEKİN İ., Cevik F.
THERMAL SCIENCE, vol.26, 2022 (SCI-Expanded)
- III. **Distinguished Connections on Finsler Algebroids**
Peyghan E., Gezer A., Gültekin İ.
CHINESE ANNALS OF MATHEMATICS SERIES B, vol.42, no.1, pp.41-68, 2021 (SCI-Expanded)
- IV. **GENERALIZED KINEMATICS ON ρ -COMMUTATIVE ALGEBRAS**
Peyghan E., Bagheri Z., Gultekin İ., Gezer A.
REPORTS ON MATHEMATICAL PHYSICS, vol.85, no.3, pp.399-426, 2020 (SCI-Expanded)
- V. **The merrifield-simmons indices of 2-methyl alkanes and 1-methyl bicyclo [X.1.0] alkanes**
GÜLTEKİN İ., Sahin B.
Revue Roumaine de Chimie, vol.62, no.12, pp.897-901, 2017 (SCI-Expanded)
- VI. **On the arrowhead-Fibonacci numbers**
GÜLTEKİN İ., Deveci O.
OPEN MATHEMATICS, vol.14, pp.1104-1113, 2016 (SCI-Expanded)
- VII. **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. **Some Relations between Kekule Structure and Morgan-Voyce Polynomials**
GÜLTEKİN İ., Sahin B.
IRANIAN JOURNAL OF MATHEMATICAL CHEMISTRY, vol.8, no.2, pp.221-229, 2017 (ESCI)
- II. **GENERALIZED CHEBYSHEV POLYNOMIALS VIA MATRICES AND COMBINATORIAL FORMS OF THEIR DERIVATIVES**
GÜLTEKİN İ., ŞAKİROĞLU B.
journal of mathematics and statistical science, vol.3, pp.271284, 2017 (Peer-Reviewed Journal)

- III. **ON MERRIFIELD SIMMONS INDEX OF MOLECULAR GRAPHS**
IVAN G., GÜLTEKİN İ., ŞAHİN B.
KRAGUJEVAC JOURNAL OF MATHEMATICS, pp.99-112, 2016 (Scopus)
- IV. **The period of fibonacci sequences over the finite field of order p2**
TAŞYURDU Y., GÜLTEKİN İ.
New Trends in Mathematical Science, vol.4, pp.248-255, 2016 (Peer-Reviewed Journal)
- V. **On the Pell Polynomials $P_n(x, s, q)$ and Tridiagonal Matrix**
GÜLTEKİN İ., TAŞYURDU Y.
Research &Reviews: Discrete Mathematical Structures, vol.1, pp.24-27, 2014 (Peer-Reviewed Journal)
- VI. **Determinantal and Permanental Representation of q Fibonacci Polynomials**
GÜLTEKİN İ., TAŞYURDU Y.
QScience Connect, pp.1-5, 2014 (Peer-Reviewed Journal)
- VII. **On Period of Fibonacci Sequence in Finite Rings with Identity of Order p2**
TAŞYURDU Y., GÜLTEKİN İ.
Journal of Matematics and System Science, vol.3, pp.349-352, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **MATRİSLER**
GÜLTEKİN İ.
in: MATEMATİK II, ERCAN ÇELİK, TAMER UĞUR, NEJMİ CENGİZ, Editor, ATATÜRK ÜNİVERSİTESİ AÇIK ÖĞRETİM FAKÜLTESİ, Erzurum, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **k-Pell, k-Pell Lucas and Modified k-Pell Matrix Sequences**
TAŞYURDU Y., KEFCİ B., GÜLTEKİN İ., DEVECİ Ö.
International Intuitionistic Fuzzy Sets and Contemporary Mathematic Conference, Mersin, Turkey, 3 - 07 May 2017
- II. **On The q Fibonacci polynomials $F_n(x, s, q)$**
DUMLU H., TAŞYURDU Y., GÜLTEKİN İ.
Antalya Algebra Days XVIII, İzmir, Turkey, 18 - 22 May 2016
- III. **An alternative High Order Lucas Numbers**
ŞAHİN B., ÇELİK T., GÜLTEKİN İ.
Conference on research in education and science, Muğla. Bodrum, Turkey, 14 - 17 May 2016

Metrics

Publication: 18
Citation (WoS): 15
Citation (Scopus): 4
H-Index (WoS): 2
H-Index (Scopus): 1

Non Academic Experience

Fen Fakültesi