

Lect. PhD CENNET ÇİMEN

Personal Information

Email: cennet.cimen@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/cennet.cimen>

International Researcher IDs

ScholarID: ZN3YeGoAAAAJ

ORCID: 0000-0002-5449-4769

Yoksis Researcher ID: 103728

Education Information

Doctorate, Mustafa Kemal Üniversitesi, Fen Bilimleri Enstitüsü, Enformatik, Turkey 2010 - 2014

Postgraduate, Mustafa Kemal Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 2008 - 2010

Postgraduate, Selcuk University, Institute Of Science, Matematik, Turkey 2006 - 2008

Undergraduate, Selcuk University, Fen Edebiyat Fakültesi, Matematik , Turkey 2002 - 2006

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Bazı Lineer Kuarterniyonik ve Oktonyonik Denklemlerin İncelenmeleri, Mustafa Kemal Üniversitesi, Fen Bilimleri Enstitüsü, Enformatik (Dr), 2014

Postgraduate, BİLEŞENLERİ REEL ARALIKLAR OLAN MATRİSLERİN KARAKTERİSTİKLERİ, Mustafa Kemal Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2010

Postgraduate, K-FİBONACCİ, K-LUCAS SAYILARININ ÖZELLİKLERİ VE UYGULAMALARI, Selçuk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2008

Research Areas

Mathematics, Nonassociative Rings and Algebras, Natural Sciences

Academic Titles / Tasks

Lecturer, Hacettepe University, Hacettepe ASO 1. OSB MYO, Elektrik ve Enerji Bölümü, 2015 - Continues

Assistant Professor, Mustafa Kemal Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2014 - 2015

Research Assistant, Mustafa Kemal Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2008 - 2014

Academic and Administrative Experience

Courses

Matematik II, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2016 - 2017
Matematik I, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
İşletme Yönetimi II, Associate Degree, 2022 - 2023, 2021 - 2022
İşletme Yönetimi II, Associate Degree, 2022 - 2023
İşletme Yönetimi II, Associate Degree, 2022 - 2023
İşletme Yönetimi I, Associate Degree, 2022 - 2023
Enerji Fiziğine Giriş, Associate Degree, 2022 - 2023, 2020 - 2021
İşletme Yönetimi I, Associate Degree, 2021 - 2022
İşletme Yönetimi I, Associate Degree, 2021 - 2022
Matematik II, Associate Degree, 2019 - 2020, 2017 - 2018, 2016 - 2017
Enerji Fiziğine Giriş, Associate Degree, 2020 - 2021
Matematik I, Associate Degree, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017
Meslek Etiği, Associate Degree, 2020 - 2021
Fizik, Associate Degree, 2019 - 2020, 2017 - 2018, 2016 - 2017
Fizik, Associate Degree, 2019 - 2020, 2017 - 2018, 2016 - 2017
Girişimcilik, Associate Degree, 2016 - 2017
Mukavemet, Associate Degree, 2016 - 2017
Mukavemet, Associate Degree, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On Jacobsthal and Jacobsthal-Lucas Octonions**
ÇİMEN C., İpek A.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.14, no.2, 2017 (SCI-Expanded)
- II. **On Pell Quaternions and Pell-Lucas Quaternions**
Çimen C., İpek A.
Advances in Applied Clifford Algebras, vol.26, no.1, pp.39-51, 2016 (SCI-Expanded)
- III. **On the solutions of the quaternion interval systems $[x] = [A] [x] + [b]$**
Bolat C., İpek A.
Applied Mathematics and Computation, vol.244, pp.375-381, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **On the Dual Jacobsthal and Dual Jacobsthal-Lucas Sedenions**
Çimen C.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.3, pp.1759-1766, 2019 (Peer-Reviewed Journal)
- II. **ON HORADAM SEDENIONS**
Çimen C., İpek A., Cimen E.
JOURNAL OF SCIENCE AND ARTS, no.4, pp.887-898, 2019 (ESCI)
- III. **On Jacobsthal and Jacobsthal-Lucas sedenions and several identities involving these numbers**
ÇİMEN C., İPEK A.
Mathematica Aeterna, vol.7, no.4, pp.447-454, 2017 (Peer-Reviewed Journal)
- IV. **On The Solutions of Linear Matrix Quaternionic Equations and Their Systems**

İPEK A., ÇİMEN C.

Mathematica Aeterna, vol.6, no.6, pp.907-921, 2016 (Peer-Reviewed Journal)

V. **On p q Fibonacci octonions**

İpek A., Çimen C.

Mathematica Aeterna, vol.6, no.6, pp.923-932, 2016 (Peer-Reviewed Journal)

VI. **ON THE SOLUTIONS OF SOME SYSTEMS OF LINEAR REAL OCTONION EQUATIONS**

İPEK A., ÇİMEN C.

Palestine Journal of Mathematics, vol.2, no.5, pp.292-303, 2016 (Peer-Reviewed Journal)

VII. **A Note on the Solutions of Some Linear Octonionic Equations**

Bolat C., İpek A.

Mathematical Sciences Letters, vol.3, no.3, pp.147-156, 2014 (Peer-Reviewed Journal)

VIII. **On the solutions of some linear complex quaternionic equations**

Bolat C., İpek A.

Scientific World Journal, vol.2014, 2014 (Scopus)

IX. **On the sequence related to Lucas numbers and its properties**

BOLAT C., İPEK A., KÖSE H.

Mathematica Aeterna, vol.2, no.1, pp.63-75, 2012 (Peer-Reviewed Journal)

X. **Quaternion interval numbers and a matrix approach to them**

BOLAT C., İPEK A.

Transylvanian Journal of Mathematics and Mechanics, vol.2, no.2, pp.131-139, 2010 (Peer-Reviewed Journal)

XI. **On the properties of k Fibonacci numbers**

Bolat C., Köse H.

Int. J. Contemp. Math. Sciences, vol.5, no.22, pp.1097-1105, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **ALGEBRAIC PROPERTIES OF THE $h(x)$ -LUCAS SEDENION POLYNOMIALS**

ÇİMEN C.

ICMSA2018 - International Conference on Mathematical Studies and Applications 2018, 4 - 06 October 2018

II. **ON PROPERTIES OF THE JACOBSTHAL AND JACOBSTHAL-LUCAS TRIGINTADUONIONS**

ÇİMEN C.

ICMSA2018 - International Conference on Mathematical Studies and Applications 2018, 4 - 06 October 2018

III. **On Properties of the Pell and Pell-Lucas Sedenions**

ÇİMEN C.

ICOMAA-2018 -International Conference on Mathematical Advances and Application, 11 - 13 May 2018

IV. **Jacobsthal ve Jacobsthal-Lucas Sedeniyonlar**

ÇİMEN C., İPEK A., ÇİMEN E.

12. Ankara Matematik Günleri, Turkey, 25 - 26 May 2017, pp.17

V. **Horadam Sedenions**

ÇİMEN C., İPEK A., ÇİMEN E.

IRSYSC 2017 - 3RD INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Konya, Turkey, 24 - 26 May 2017, pp.54

VI. **A Note on Norms of Some Special Matrices**

İPEK A., ÇİMEN C.

IRSYSC 2017 - 3RD INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Turkey, 24 - 26 May 2017, pp.320

Supported Projects

ÇİMEN C., İPEK A., ÇİMEN E., Project Supported by Higher Education Institutions, Horadam Sedeniyonlar, 2017 - 2017

Metrics

Publication: 21

Citation (WoS): 5

Citation (Scopus): 69

H-Index (WoS): 1

H-Index (Scopus): 2