Asst. Prof. Zeynep Demirkol Özkaya

Personal Information



Office Phone: +90 432 444 5065 Extension: 27781
Email: zeynepdemirkolozkaya@yyu.edu.tr
Web: https://avesis.yyu.edu.tr/zeynepdemirkolozkaya

International Researcher IDs
ORCID: 0000-0003-1236-1797
Yoksis Researcher ID: 336292

Education Information

Undergraduate, Zonguldak Bülent Ecevit University, Faculty Of Engıneerıng, Turkey 2020 - Continues
Doctorate, Bilecik Seyh Edebali University, Institute Of Graduate Programs, Matematik, Turkey 2017 - 2022
Postgraduate, Bilecik Seyh Edebali University, Institute Of Scıence, Matematik Anabilim Dalı, Turkey 2013 - 2017
Undergraduate, Zonguldak Bülent Ecevit University, Faculty Of Arts And Scıences, Turkey 2009 - 2013
Undergraduate, Gazi University, Fen Fakültesi, Matematik, Turkey 2007 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Yarım Tamsayı Ağırlıklı Modüler Formlar Üzerinde Sato-Tate Benzeri Problemler Üzerine, Bilecik Seyh Edebali University, Institute Of Graduate Programs, 2022
Postgraduate, Yarım tamsayı ağırlıklı modüler formlar üzerine, Bilecik Seyh Edebali University, Institute Of Graduate Programs, Matematik, 2017

Research Areas

Mathematics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Muradiye Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü, 2022 - Continues
Lecturer PhD, Van Yüzüncü Yil University, Muradiye Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü, 2021 - 2022

Academic and Administrative Experience

Head of Department, Van Yüzüncü Yil University, Muradiye Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü, 2022 - Continues
Assistant Director of Vocational School, Van Yüzüncü Yil University, Muradiye Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü, 2021 - Continues

Courses

Optisyenlik Uygulamaları I, Associate Degree, 2022 - 2023
Çevre Bilinci, Associate Degree, 2022 - 2023
Optik Aletler, Associate Degree, 2022 - 2023
Matematik II, Associate Degree, 2021 - 2022
Matematik 1, Associate Degree, 2021 - 2022
Matematik, Associate Degree, 2021 - 2022

Jury Memberships

Doctoral Examination, Doctoral Examination, Bilecik Şeyh Edebali Üniversitesi, March, 2023
Post Graduate, Post Graduate, Bilecik Şeyh Edebali Üniversitesi, February, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

I. **On the distribution of coefficients of half-integral weight modular forms and the Bruinier-Kohnen conjecture**
Inam I., Demirkol Özkaya Z., Tercan E., Wiese G.
TURKISH JOURNAL OF MATHEMATICS, vol.45, pp.2427-2440, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. **ON THE PELL-EISENSTEIN SERIES OF POWER m**
Inam I., Özkan E., Özkaya Z., Uysal M.
Bulletin of the Transilvania University of Brasov, Series III: Mathematics and Computer Science, vol.2, no.1, pp.77-82, 2022 (Scopus)
II. **A Cusp Form Example as An Eta Product**
Demirkol Özkaya Z., Avcı U., İnam İ.
International Journal of Advanced Multidisciplinary Research and Studies, vol.2, no.2, pp.347-349, 2022 (Peer-Reviewed Journal)
III. **Rankin-Cohen Parantezi Yardımıyla Elde Edilen Hecke Eigenform Örnekleri**
Demirkol Özkaya Z., İnam İ., Tercan E., İrez Aydın B.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.772-778, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **On The Bruinier-Kohnen Sign Equidistribution Conjecture: Past and Present**
Demirkol Özkaya Z.
8th International Congress on Fundamental and Applied Sciences, Antalya, Turkey, 19 - 21 October 2021

II. **On Sato-Tate Conjecture for Modular Forms**
Demirkol Özkaya Z.
8th International Congress on Fundamental and Applied Sciences, Antalya, Turkey, 19 - 21 October 2021

III. **Yarım Tamsayı Ağırlıklı Modüler Formların Fourier Katsayıları Üzerine**
Demirkol Özkaya Z.
33. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 31 August - 03 September 2021, pp.60

IV. **On Sato-Tate Conjecture for Half Integral Weight of Modular Forms**
Demirkol Özkaya Z.
International Workshop on Elliptic Curves, Modular Forms and Langlands Functoriality, Bilecik, Turkey, 10 - 11 May 2018, pp.9

V. **On Sato-Tate like Problems on Half Integral Weight Modular Forms**
Demirkol Özkaya Z., Inam I.
Atelier PARI/GP 2018 , Besançon, France, 15 - 19 January 2018, pp.1-50

Supported Projects

İnam İ., TUBITAK Project, Yarım Tamsayı Ağırlıklı Modüler Formlar Üzerinde Sato-Tate Benzeri Problemler Üzerine, 2018 - 2021

Tasks In Event Organizations

Demirkol Özkaya Z., International Workshop on Elliptic Curves, Modular Forms and Langlands Functoriality, Workshop Organization, Bilecik, Turkey, Mayıs 2018

Metrics

Publication: 9
Citation (WoS): 1
Citation (Scopus): 3
H-Index (WoS): 1
H-Index (Scopus): 1

Congress and Symposium Activities

8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS2021), Attendee, Antalya, Turkey, 2021
8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS2021), Attendee, Antalya, Turkey, 2021
33. Ulusal Matematik Sempozyumu, Attendee, İstanbul, Turkey, 2021
The PARI/GP day 2021, Attendee, Bordeaux, France, 2021
International Workshop on Elliptic Curves, Modular Forms and Langlands Functoriality, Attendee, Bilecik, Turkey, 2018
Atelier PARI/GP 2018, Attendee, Besançon, France, 2018
International Autumn School on Computational Number Theory, Attendee, İzmir, Turkey, 2017

Non Academic Experience

Açı Kuzey Eğitim Kurumları
Business Establishment Private, Özel Açı Eğitim Kurumları, Matematik
Vezirhan İlköğretim Okulu

National Education Directorate, Vezirhan Ortaokulu, Ortaokul