



MÜMÜN CAN

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International Researcher IDs

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Publons / Web Of Science ResearcherID: C-1424-2016

ScopusID: 11140389000

Yoksis Researcher ID: 112747



Learning Knowledge

Doctorate
2001 - 2006

Akdeniz University, Fen Bilimler, Matematik, Turkey

Postgraduate
1998 - 2000

Akdeniz University, Fen Bilimler, Matematik, Turkey

Undergraduate
1993 - 1997

Akdeniz University, Fen Edebiyat, Matematik, Turkey

Dissertations

Doctorate, Genelleştirilmiş Hardy Toplamları, Akdeniz University, Fen Bilimleri, Matematik, 2006

Postgraduate, Hardy Toplamları Üzerine, Akdeniz University, Fen Bilimleri, Matematik, 2000

Academic Titles / Tasks

Professor
2024 - Continues

Akdeniz University, Faculty Of Science, Department Of Mathematics

Associate Professor
2017 - 2024

Akdeniz University, Faculty Of Science, Department Of Mathematics

Assistant Professor
2007 - 2017

Akdeniz University, Faculty of Science, Department of Mathematics

Research Assistant
1999 - 2006

Akdeniz University, Institute of Science, Institute of Science

Supported Projects

1. DAĞLI M. C., CAN M., Project Supported by Higher Education Institutions, On Generalized Eisenstein Series And RamanujanS Formula For Periodic ZetaFunctions, 2018 - 2020
2. CAN M., DAĞLI M. C., Project Supported by Higher Education Institutions, Extended Bernoulli and Stirling matrices and related combinatorial identities, 2015 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Evaluation formulas for Tornheim and Euler type double series**
Çay E., Can M., Kargin L.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.6, pp.1-16, 2023 (SCI-Expanded)
2. **Euler sums of generalized harmonic numbers and connected extensions**
Can M., Kargin L., Dil A., Soylu G.
APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, vol.17, no.2, pp.401-417, 2023 (SCI-Expanded)
3. **Stieltjes constants appearing in the Laurent expansion of the hyperharmonic zeta function**
CAN M., DİL A., KARGIN L.
Ramanujan Journal, vol.61, no.3, pp.873-894, 2023 (SCI-Expanded)
4. **On the Stieltjes constants with respect to harmonic zeta functions**
Kargin L., Dil A., Cenkci M., Can M.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, pp.1-15, 2023 (SCI-Expanded)
5. **Generalized harmonic numbers via poly-Bernoulli polynomials**
Kargin L., Cenkci M., Dil A., Can M.
Publicationes Mathematicae, vol.100, no.3-4, pp.365-386, 2022 (SCI-Expanded)
6. **On Evaluations of Euler-Type Sums of Hyperharmonic Numbers**
Kargin L., Can M., Dil A., Cenkci M.
Bulletin of the Malaysian Mathematical Sciences Society, vol.45, no.1, pp.113-131, 2022 (SCI-Expanded)
7. **Character Gamma Functions and Evaluation of Series with Dirichlet L-Value Coefficients**
CAN M.
LITHUANIAN MATHEMATICAL JOURNAL, vol.61, no.2, pp.180-198, 2021 (SCI-Expanded)
8. **Reciprocity formulas for Hall-Wilson-Zagier type Hardy-Berndt sums**
CAN M.
ACTA MATHEMATICA HUNGARICA, vol.163, no.1, pp.118-139, 2021 (SCI-Expanded)
9. **Harmonic number identities via polynomials with r-Lah coefficients**
KARGIN L., CAN M.
COMPTES RENDUS MATHEMATIQUE, vol.358, no.5, pp.535-550, 2020 (SCI-Expanded)
10. **Higher-order character Dedekind sum**
CAN M.
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.3, pp.998-1015, 2020 (SCI-Expanded)
11. **Transformation formulas of a character analogue of $\log \theta_2(z)$**
Boztas M. C., CAN M.
RAMANUJAN JOURNAL, vol.48, no.2, pp.323-349, 2019 (SCI-Expanded)
12. **Periodic analogues of Dedekind sums and transformation formulas of Eisenstein series**
DAĞLI M. C., CAN M.

- RAMANUJAN JOURNAL, vol.44, no.2, pp.301-341, 2017 (SCI-Expanded)
13. **Character analogue of the Boole summation formula with applications**
Can M., Dağlı M. C.
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.5, pp.1204-1223, 2017 (SCI-Expanded)
 14. **On generalized Eisenstein series and Ramanujan's formula for periodic zeta-functions**
DAĞLI M. C., CAN M.
MONATSHEFTE FÜR MATHEMATIK, vol.184, no.1, pp.77-103, 2017 (SCI-Expanded)
 15. **On reciprocity formula of character Dedekind sums and the integral of products of Bernoulli polynomials**
DAĞLI M. C., CAN M.
JOURNAL OF NUMBER THEORY, vol.156, pp.105-124, 2015 (SCI-Expanded)
 16. **CHARACTER ANALOGUES OF CERTAIN HARDY-BERNDT SUMS**
CAN M., Kurt V.
INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.10, no.3, pp.737-762, 2014 (SCI-Expanded)
 17. **Extended Bernoulli and Stirling matrices and related combinatorial identities**
CAN M., DAĞLI M. C.
LINEAR ALGEBRA AND ITS APPLICATIONS, vol.444, pp.114-131, 2014 (SCI-Expanded)
 18. **A new generalization of Hardy-Berndt sums**
DAĞLI M. C., CAN M.
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.123, no.2, pp.177-192, 2013 (SCI-Expanded)
 19. **Degenerate and character Dedekind sums**
Cenkci M., Can M., Kurt V.
JOURNAL OF NUMBER THEORY, vol.124, no.2, pp.346-363, 2007 (SCI-Expanded)
 20. **q-extensions of Genocchi numbers**
Cenkci M., Can M., Kurt V.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.43, no.1, pp.183-198, 2006 (SCI-Expanded)
 21. **Some arithmetic on the Hardy sums $s(2)(h, k)$ and $s(3)(h, k)$**
Can M.
ACTA MATHEMATICA SINICA-ENGLISH SERIES, vol.20, no.2, pp.193-200, 2004 (SCI-Expanded)

Articles Published in Other Journals

1. **ON THE INTEGRAL OF PRODUCTS OF HIGHER-ORDER BERNOULLI AND EULER POLYNOMIALS**
DAĞLI M. C., CAN M.
FUNCTIONES ET APPROXIMATIO COMMENTARII MATHEMATICI, vol.57, no.1, pp.7-20, 2017 (ESCI)
2. **On reciprocity formula for certain character Hardy-Berndt sums**
DAĞLI M. C., CAN M.
Sinop Üniversitesi Fen Bilimleri Dergisi, vol.2, no.1, pp.133-139, 2017 (Peer-Reviewed Journal)
3. **On reciprocity formula of character Dedekind sums**
CAN M., DAĞLI M. C.
Palestine Journal of Mathematics, vol.4, pp.496-501, 2015 (Scopus)
4. **On the Reciprocity Formulas for Apostol's Dedekind Sums and Their Analogues**
Dağlı M. C., Can M.
JOURNAL OF INTEGER SEQUENCES, vol.17, no.5, pp.1-9, 2014 (ESCI)
5. **Asymptotic behavior of generalized Apostol Bernoulli and Apostol Euler polynomials**
YAKAN İ., CAN M.
Journal of Pure and Applied Mathematics: Advances and Applications, vol.7, no.2, pp.91-103, 2012 (Scopus)
6. **Twisted Dedekind type sums associated with Barnes type multiple Frobenius Euler I Functions**
CAN M., CENKÇİ M., KURT V., ŞİMŞEK Y.

- Advanc. stud. Contemp. Math., vol.18, no.2, pp.135-160, 2009 (Scopus)
7. **Some results on q analogue of the Lerch zeta function**
CENKÇİ M., CAN M.
Advanced Studies in Contemporary Mathematics, vol.12, pp.213-223, 2006 (Scopus)
 8. **Generalized Hardy Berndt sums**
CAN M., CENKÇİ M., KURT V.
Proceedings of the Jangeon Mathematical Society, vol.9, pp.19-38, 2006 (Scopus)
 9. **A recurrence relation for Bernoulli numbers**
Can M., Cenkcı M., Kurt V.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.42, pp.617-622, 2005 (ESCI)
 10. **p -adic interpolation functions and Kummer type congruences for q -twisted and q -generalized twisted Euler numbers**
Cenkci M., Can M., Kurt V.
Advanced Studies in Contemporary Mathematics, vol.9, pp.203-216, 2004 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

1. **Degenerate Hardy-Berndt Sums**
DAĞLI M. C., CAN M.
International Conference on Mathematical Advances and Application (ICOMAA 2018), İstanbul, Turkey, 11 - 13 May 2018, pp.115
2. **Dedekind toplamının resiprosite formülü ve Bernoulli polinomlarının çarpımının integrali**
Can M.
28.ULUSAL MATEMATİK SEMPOZYUMU, Antalya, Turkey, 7 - 09 September 2015, pp.98
3. **On the integral of products of higher-order Bernoulli and Euler polynomials**
DAĞLI M. C., CAN M.
International Conference on Recent Advences in Pure and Applied Mathematics (ICRAPAM2014), Antalya, Turkey, 6 - 09 November 2014, pp.77
4. **On reciprocity formula of character Dedekind sums**
CAN M., DAĞLI M. C.
International Conference on Algebra and Number Theory, Samsun, Turkey, 5 - 08 August 2014, pp.26
5. **Hardy toplamlarının bazı özellikleri**
CAN M.
Türk Matematik Derneği XV. Ulusal Matematik Sempozyumu, Mersin, Turkey, 1 - 04 March 2004, pp.61-67

Courses

Kombinatorik II, Doctorate, 2022 - 2023

Sayılar Teorisine Giriş (2. Şube), Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019

Bitirme Çalışması II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Analiz I (Şube 2), Undergraduate, 2023 - 2024

Bitirme Çalışması I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Matematik II, Undergraduate, 2022 - 2023, 2013 - 2014

Analiz I (Şube 1), Undergraduate, 2023 - 2024

Uzmanlık Alan Dersi, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Sayılar Teorisine Giriş (1. Şube), Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Hipergeometrik Serilere Giriş, Doctorate, 2023 - 2024

Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020
Matematik II (1. Şube), Undergraduate, 2021 - 2022, 2017 - 2018
Sayılar Teorisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Matematik I, Undergraduate, 2022 - 2023, 2013 - 2014
Kombinatorik I, Doctorate, 2022 - 2023
Danışmanlık, Doctorate, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Çarpımsal Sayılar Teorisi, Doctorate, 2021 - 2022
Diferansiyel Denklemler, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019
Matematik I, Undergraduate, 2021 - 2022
Analitik Sayılar Teorisine Giriş, Doctorate, 2021 - 2022
Diferansiyel Denklemler, Undergraduate, 2020 - 2021
Diferansiyel Denklemler, Undergraduate, 2020 - 2021
Danışmanlık, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Matematik II , Undergraduate, 2019 - 2020, 2018 - 2019
Seminer I, Postgraduate, 2019 - 2020, 2015 - 2016
Matematik I, Undergraduate, 2019 - 2020, 2018 - 2019
Özel Fonksiyonlar II, Postgraduate, 2017 - 2018
Karmaşık Analiz II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
Matematik II (2. Şube), Undergraduate, 2017 - 2018
Diferansiyel Denklemler, Undergraduate, 2018 - 2019
Bitirme Çalışması II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Bitirme Çalışması I, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Karmaşık Analiz I, Undergraduate, 2017 - 2018, 2016 - 2017
Fonk. Teorisinde Seçme Konular II, Postgraduate, 2016 - 2017
Diferansiyel Denklemler, Undergraduate, 2017 - 2018
Bitirme Çalışması II (İ.Ö.), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Diferansiyel Denklemler , Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
Bitirme Çalışması I (İ.Ö.), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Karmaşık Analiz II (İ.Ö.), Undergraduate, 2015 - 2016
Diferansiyel Denklemler (İ.Ö.), Undergraduate, 2016 - 2017, 2015 - 2016
Reel Analiz II, Undergraduate, 2015 - 2016, 2014 - 2015
Fonk. Teorisinde Seçme Konular I, Postgraduate, 2016 - 2017
Analiz II, Undergraduate, 2014 - 2015, 2013 - 2014
Reel Analiz I, Undergraduate, 2015 - 2016, 2014 - 2015
Reel Analiz II (İ.Ö.), Undergraduate, 2014 - 2015
Simetrik Fonksiyonlar, Postgraduate, 2014 - 2015
Seminer II, Doctorate, 2013 - 2014
Analiz I, Undergraduate, 2014 - 2015, 2013 - 2014
Reel Analiz I (İ.Ö.), Undergraduate, 2014 - 2015
Analiz II (İ.Ö.), Undergraduate, 2013 - 2014
Analiz I (İ.Ö.), Undergraduate, 2013 - 2014

Advising Theses

Can M., Kargın L., Tornheim tipli seriler üzerine, Postgraduate, E.ÇAY(Student), 2020
CAN M., Dedekind Toplamının Benzerleri, Doctorate, M.Cihat(Student), 2016
CAN M., Bazı Hardy-Berndt Toplamlarının Karakter Benzerleri, Postgraduate, M.Çelebi(Student), 2016
CAN M., Bazı Özel Polinomların Asimptotik Gösterimleri, Postgraduate, İ.Yakan(Student), 2011
CAN M., Dejenere Hardy Toplamları, Postgraduate, M.Cihat(Student), 2010

Tasks In Event Organizations

Can M., 28. Ulusal Matematik Sempozyumu, Scientific Congress, Antalya, Turkey, Eylül 2015

Can M., 16th International Conference of Jangjeon Mathematical Society, Scientific Congress, Antalya, Turkey, Temmuz 2005

Metrics

Publication: 37

Citation (WoS): 112

Citation (Scopus): 224

H-Index (WoS): 7

H-Index (Scopus): 8

Research Areas

Mathematics, Special Functions, Natural Sciences