

Assoc. Prof. FUNDA TAŞDEMİR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAN-5165-2021

ScopusID: 51061555400

Yoksis Researcher ID: 100866

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2008 - 2013

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2005 - 2007

Undergraduate, Gazi University, Fen Fakültesi, Matematik Bölümü, Turkey 2001 - 2005

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Other, Kraliyet Teknoloji Üniversitesi , Sweden, 2009

Vocational Training, AB 2006 Leonardo da Vinci Hareketlilik Projesi, Spain, 2006

Dissertations

Doctorate, Asal yakın-halkalar ve asal yakın-halka modüllerinin karakterizasyonu üzerine, Erciyes University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2013

Postgraduate, İki değişkenli aritmetik fonksiyonlar, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2007

Research Areas

Associative Rings and Algebras, Number Theory

Academic Titles / Tasks

Associate Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2021 - Continues

Assistant Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2013 - 2021
Research Assistant, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2006 - 2013
Research Assistant, Erciyes University, Yozgat Fen-Edebiyat Fakültesi, Matematik Pr., 2005 - 2006

Academic and Administrative Experience

Yozgat Bozok University, 2019 - Continues

Courses

Soyut Cebir II, Undergraduate, 2020 - 2021
Postgraduate, 2020 - 2021
Undergraduate, 2020 - 2021
Sayılar Teorisi II, Undergraduate, 2020 - 2021
Postgraduate, 2020 - 2021
Undergraduate, 2020 - 2021
Undergraduate, 2020 - 2021
Matematik I, Undergraduate, 2020 - 2021
CEBİR I, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
SAYILAR TEORİSİ II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
SAYILAR TEORİSİ I, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016
MATEMATİK II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
FİBONACCİ SAYILARI VE UYGULAMALARI I, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
CEBİR II, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
SOYUT MATEMATİK VE LOJİK II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2013 - 2014
SOYUT MATEMATİK VE LOJİK I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2013 - 2014
FİBONACCİ SAYILARI UYGULAMALARI II, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Matematik I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
SOYUT CEBİR I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Soyut Cebir II, Undergraduate, 2017 - 2018, 2016 - 2017
Mühendislik Matematği, Undergraduate, 2017 - 2018, 2016 - 2017
Yakın Halka Teorisi I, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Yakın Halka Teorisi II, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Lineer Cebir I, Undergraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014
Lineer Cebir II, Undergraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014
Yakın-Halka Teorisi I, Postgraduate, 2013 - 2014
Yakın-Halka Teorisi II, Postgraduate, 2013 - 2014

Advising Theses

Taşdemir F., ON THE PROPERTIES OF CHEBYSHEV POLYNOMIALS, Postgraduate, H.TURGUT(Student), 2023
Taşdemir F., ON DERIVATIVES AND INTEGRALS OF FIBONACCI AND CHEBYSHEV POLYNOMIALS, Postgraduate, M.ELİF(Student), 2023
Taşdemir F., ON QUATERNIONS OF SPECIAL NUMBER SEQUENCES, Postgraduate, E.TURHAN(Student), 2023
Taşdemir F., Generalized binomial coefficients related with special number sequences, Postgraduate, S.VATANBEKÇİSİ(Student), 2021

TAŞDEMİR F., Fibonacci ve lucas sayılarını içeren binomiyel çift toplamlar, Postgraduate, T.GÖRESİM(Student), 2019
TAŞDEMİR F., Fibonacci ve Lucas sayılarında bölünebilme, Postgraduate, E.EKİN(Student), 2018
TAŞDEMİR F., Yakın halkalarda p-v-asallık, Postgraduate, İ.TAŞTEKİN(Student), 2018
TAŞDEMİR F., Boole yakın halkalar ve Boole idealler, Postgraduate, M.TAŞ(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **FORMULAS FOR BINOMIAL DOUBLE SUMS RELATED TO LUCAS NUMBERS**
Tasdemir F., Toska T. G.
ARS COMBINATORIA, vol.152, pp.235-246, 2020 (SCI-Expanded)
- II. **New binomial double sums with products of fibonacci and lucas numbers**
Kiliç E., Taşdemir F.
Utilitas Mathematica, vol.112, pp.187-196, 2019 (SCI-Expanded)
- III. **ON BINOMIAL DOUBLE SUMS WITH FIBONACCI AND LUCAS NUMBERS-I**
KILIÇ E., TAŞDEMİR F.
ARS COMBINATORIA, vol.144, pp.173-185, 2019 (SCI-Expanded)
- IV. **ON BINOMIAL DOUBLE SUMS WITH FIBONACCI AND LUCAS NUMBERS-II**
KILIÇ E., TAŞDEMİR F.
ARS COMBINATORIA, vol.144, pp.345-354, 2019 (SCI-Expanded)
- V. **Different prime N-ideals and IFP N-Ideals**
Taşdemir F., Atagun A. O., Altındış H.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.44, no.4, pp.527-542, 2013 (SCI-Expanded)
- VI. **EQUIPRIME N-IDEALS OF MONOGENIC N-GROUPS**
Taşdemir F., Atagun A. O., Altındış H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.40, no.3, pp.375-382, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Triple sums including Fibonacci numbers with three binomial coefficients**
TAŞDEMİR F.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.27, no.1, pp.188-197, 2021 (ESCI)
- II. **Binomial Triple Sums with the Lucas Numbers**
Taşdemir F.
Punjab University Journal of Mathematics, vol.52, no.7, pp.37-43, 2020 (ESCI)
- III. **ON P-3-PRIME AND P-c-PRIME IDEALS IN NEAR-RINGS**
TAŞDEMİR F., Tastekin I.
JP JOURNAL OF ALGEBRA NUMBER THEORY AND APPLICATIONS, vol.42, no.1, pp.49-57, 2019 (ESCI)
- IV. **Boole Yakın Halkalar ve Boole İdealler**
Taş M., TAŞDEMİR F.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, no.1, pp.164-172, 2018 (Peer-Reviewed Journal)
- V. **Completely equiprime Ideals of near-ring modules**
Taşdemir F.
Karaelmas Fen ve Mühendislik Dergisi, vol.8, no.1, pp.79-83, 2018 (Peer-Reviewed Journal)
- VI. **Applications of Primeness in Near rings to Malone Trivial Near rings**
YİĞİTER F. M., ATAGÜN A. O., TAŞDEMİR F.
International Journal of Algebra, vol.5, no.28, pp.1347-1354, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On the Properties of Chebyshev Polynomials**
Taşdemir F., Turgut H.
3rd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 14 - 17 January 2023, pp.314
- II. **Some Triple Binomial Sums with Lucas Numbers**
TAŞDEMİR F.
IFSCOM2021 7th International IFS and Contemporary Mathematics Conference, Mersin, Turkey, 25 - 29 May 2021, pp.36
- III. **On Generalized N-systems in Near-rings**
TAŞ M., TAŞDEMİR F.
ICAPM (International Conference on Applied Physics and Mathematics), New York, United States Of America, 16 - 17 July 2019, pp.17-19
- IV. **Binomial Double Sums Including Lucas Numbers**
TAŞDEMİR F., GÖRESİM TOSKA T.
International Conference on Mathematics and Mathematics Education, Konya, Turkey, 11 - 13 July 2019, pp.2-3
- V. **On Some Characterizations of Prime N-groups**
TAŞDEMİR F., ATAGÜN A. O., ALTINDIŞ H.
III. International Conference on Mathematics: An İstanbul Meeting for World Mathematicians, İstanbul, Turkey, 3 - 05 July 2019, pp.61-64
- VI. **Lucas Sayılarını İçeren Alterne Toplamlar Üzerine**
TAŞDEMİR F., GÖRESİM TOSKA T.
14. Ankara Matematik Günleri, Ankara, Turkey, 28 - 29 June 2019, pp.47
- VII. **Alternating Binomial Sums Including Fibonacci Numbers**
TAŞDEMİR F.
2nd International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.128
- VIII. **P-3-prime Ideals in Near-rings**
TAŞDEMİR F., TAŞTEKİN İ.
4th International Conference on Analysis and Its Applications, Kırşehir, Turkey, 11 - 14 September 2018, pp.43
- IX. **Binomial Sums with Fibonacci Numbers**
TAŞDEMİR F.
7nd International Eurasian Conference on Mathematical Sciences and Applications, Kiev, Ukraine, 28 - 31 August 2018, pp.154
- X. **Some Binomial Double Sums**
TAŞDEMİR F., GÖRESİM TOSKA T.
International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 - 29 June 2018, pp.116-117
- XI. **Boole Esnek Kesişimsel Halkalar**
TAŞDEMİR F., KAMACI H.
30. Ulusal Matematik Sempozyumu, Ankara, Turkey, 6 - 09 September 2017, pp.71
- XII. **Modeling the long term aging of asphalt cement by artificial neural networks**
Taşdemir Y., Taşdemir F.
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, Nevşehir, Turkey, 8 - 10 May 2017, pp.147
- XIII. **Boolean Ideals in Near-rings**
TAŞDEMİR F., TAŞ M.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017, pp.86
- XIV. **Asal Yakın-Halka Modülleri**
TAŞDEMİR F.
7. Ankara Matematik Günleri, Ankara, Turkey, 31 May - 01 June 2012, pp.28-29
- XV. **Yakın Halka Modüllerinin e-asal İdealleri**
TAŞDEMİR F., ATAGÜN A. O., ALTINDIŞ H.

XXIII. Ulusal Matematik Sempozyumu, Kayseri, Turkey, 4 - 07 August 2010, pp.86

XVI. Equiprime Ideals of Near-ring Modules

TAŞDEMİR F., ATAGÜN A. O., ALTINDIŞ H.

Antalya Algebra Days XII, Antalya, Turkey, 19 - 22 May 2010, pp.39

XVII. On IFP N-Groups of Near Rings and Factor Near Rings

ATAGÜN A. O., SEZGİN A., TAŞDEMİR F.

International Conference on Ring and Module Theory, Ankara, Turkey, 18 - 22 August 2008, pp.94

XVIII. IFP N-groups and Certain Classes of Near-rings

ATAGÜN A. O., SEZGİN A., TAŞDEMİR F.

Antalya Algebra Days X, Antalya, Turkey, 28 May - 01 June 2008, pp.47

Supported Projects

Taşdemir F., Durusoy V. Ş., Project Supported by Higher Education Institutions, On Gauss Special Number Sequences and Polynomials, 2023 - 2024

Taşdemir F., Ertas M., TUBITAK Project, 2022 - 2024

TAŞDEMİR F., Turgut H., Project Supported by Higher Education Institutions, Chebyshev Polinomlarının Özellikleri Üzerine, 2022 - 2023

Taşdemir Y., Taşdemir F., Aslan İ., Project Supported by Higher Education Institutions, Endüstriyel Kenevir Sapının Pirolizinden Elde Edilen Biyoçarın Bitümlü Bağlayıcının Yüksek Sıcaklık Performans Sınıfı Üzerine Etkisi, 2022 - 2023

Scientific Refereeing

Journal of New Results in Science, Other Indexed Journal, April 2024

Sinop Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, September 2023

Black Sea Journal of Engineering and Science, Other Indexed Journal, July 2023

Journal of New Theory, Other Indexed Journal, December 2022

PUNJAB UNIVERSITY JOURNAL OF MATHEMATICS, Journal Indexed in ESCI, November 2022

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI Journal, September 2022

Thai Journal of Mathematics, Journal Indexed in ESCI, April 2021

Punjab University Journal of Mathematics , Journal Indexed in ESCI, March 2021

Journal of New Theory, Other Indexed Journal, March 2021

ERCIYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, January 2021

European Journal of Pure and Applied Mathematics, Journal Indexed in ESCI, July 2020

MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, National Scientific Refreed Journal, March 2020

Journal of New Theory, Other Indexed Journal, October 2019

Honam Mathematical Journal , Journal Indexed in ESCI, May 2019

Journal of New Theory, Other Indexed Journal, April 2019

TURKISH JOURNAL OF MATHEMATICS, SCI Journal, October 2018

Journal of Mathematics and Computer Science, Journal Indexed in ESCI, June 2017

TURKISH JOURNAL OF MATHEMATICS, SCI Journal, May 2017

Metrics

Publication: 30

Citation (WoS): 18

Citation (Scopus): 9

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