

Assoc. Prof. SALAHATTİN ÖZDEMİR

Personal Information

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Address: Dokuz Eylül University, Faculty of Sciences, Department of Mathematics, Buca-Izmir / Turkey

International Researcher IDs

ScholarID: sQQleW4AAAAJ

ORCID: 0000-0003-0866-7064

Publons / Web Of Science ResearcherID: P-7931-2019

ScopusID: 54917643000

Yoksis Researcher ID: 124180

Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2007 - 2011

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

Undergraduate, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, Turkey 2000 - 2005

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Rad-supplemented modules and flat covers of quivers, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2011

Postgraduate, Neat and coneat subgroups, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2007

Research Areas

Mathematics, Associative Rings and Algebras, Classification Theory and Homological Algebra, Natural Sciences

Academic Titles / Tasks

Associate Professor, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2019 - Continues

Associate Professor, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2015 - Continues

Assistant Professor, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2013 - 2019

Research Assistant PhD, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2011 - 2013

Research Assistant, Dokuz Eylül University, Fen Fakültesi, Matematik Bölümü, 2010 - 2011

Research Assistant, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2005 - 2010

Academic and Administrative Experience

Member of Department FEDEK Commission, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2021 - Continues
Program Accreditation-Self-Assessment Committee Member, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2021 - Continues

Fakülte Yönetim Kurulu Üyesi, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2023 - 2024

Deputy Head of Department, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2021 - 2023

Courses

Postgraduate

Homological Algebra, Postgraduate, 2022 - 2023

Modules and Rings - I, Postgraduate, 2018 - 2019

Undergraduate

Galois Theory, Undergraduate, 2022 - 2023

Algebra I, Undergraduate, 2022 - 2023, 2021 - 2022

Number Theory, Undergraduate, 2021 - 2022

Basic Algebraic Structures, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019

Introduction to Linear Algebra, Undergraduate, 2020 - 2021, 2019 - 2020

Linear Algebra I, Undergraduate, 2020 - 2021, 2019 - 2020

Linear Algebra II, Undergraduate, 2019 - 2020

MAT 1009 MATEMATİK I, Undergraduate, 2019 - 2020, 2018 - 2019, 2015 - 2016, 2014 - 2015, 2013 - 2014

MAT 1010-MATEMATİK II, Undergraduate, 2018 - 2019

MAT 4070-PROJECT, Undergraduate, 2018 - 2019

MAT 1011 TECHNICAL ENGLISH I, Undergraduate, 2015 - 2016, 2013 - 2014

MAT 1034 BASIC ALGEBRAIC STRUCTURES, Undergraduate, 2014 - 2015

MAT 1010 MATEMATİK II, Undergraduate, 2014 - 2015

MAT 4064 NUMBER THEORY, Undergraduate, 2014 - 2015, 2013 - 2014

MAT 1012 TECHNICAL ENGLISH II, Undergraduate, 2014 - 2015, 2013 - 2014

MAT 1025 CALCULUS I, Undergraduate, 2014 - 2015

MAT 1033 FUNDAMENTALS OF MATHEMATICS I, Undergraduate, 2014 - 2015, 2013 - 2014

MAT 1026 CALCULUS II, Undergraduate, 2013 - 2014

Supervised Theses

Özdemir S., CoGalois Groups of Some Quivers, Postgraduate, C.Özeren(Student), 2024

Özdemir S., Finiteness conditions in rings and modules with respect to isomorphism classes, Postgraduate, H.ŞANAL(Student), 2022

Jury Memberships

Doctoral Examination, Doctoral Examination, İzmir Yüksek Teknoloji Enstitüsü, November, 2024

Doctoral Examination, Doctoral Examination, Manisa Celal Bayar Üniversitesi, September, 2024

Doctoral Examination, Doctoral Examination, Ege Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2024

Doctoral Examination, Doctoral Examination, Izmir Institute Of Technology, November, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, February, 2023
Doctorate, Doctorate, Dokuz Eylül Üniversitesi, January, 2023
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, January, 2023
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, December, 2022
Post Graduate, Post Graduate, Ege Üniversitesi, August, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2022
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2022
Post Graduate, Post Graduate, İzmir Yüksek Teknoloji Enstitüsü, December, 2020
Competition, TÜBİTAK 2204 B The Secondary School Students Research Projects Competition, TÜBİTAK, March, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2019
Doctorate, Doctorate, Manisa Celal Bayar Üniversitesi, May, 2019
Doctoral Examination, Doctoral Examination, İzmir Yüksek Teknoloji Enstitüsü, November, 2018
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, October, 2018
Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, June, 2017
Post Graduate, Post Graduate, Ege Üniversitesi, November, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The proper class generated by τ -supplements**
ÖZDEMİR S., TÜRKOĞLU Z.
Journal of Algebra and its Applications, 2024 (SCI-Expanded)
- II. **On D-closed submodules**
DURĞUN Y., ÖZDEMİR S.
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.130, no.1, 2020 (SCI-Expanded)
- III. **ON S-CLOSED SUBMODULES**
DURĞUN Y., ÖZDEMİR S.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.54, no.4, pp.1281-1299, 2017 (SCI-Expanded)
- IV. **RAD-SUPPLEMENTING MODULES**
ÖZDEMİR S.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.53, no.2, pp.403-414, 2016 (SCI-Expanded)
- V. **TRANSFINITE TREE QUIVERS AND THEIR REPRESENTATIONS**
Enochs E., Estrada S., ÖZDEMİR S.
MATHEMATICA SCANDINAVICA, vol.112, no.1, pp.49-60, 2013 (SCI-Expanded)
- VI. **RELATIVE HOMOLOGICAL ALGEBRA IN CATEGORIES OF REPRESENTATIONS OF INFINITE QUIVERS**
Estrada S., ÖZDEMİR S.
HOUSTON JOURNAL OF MATHEMATICS, vol.39, no.2, pp.343-362, 2013 (SCI-Expanded)
- VII. **Finitistic Dimension Conjectures for representations of quivers**
Estrada S., ÖZDEMİR S.
TURKISH JOURNAL OF MATHEMATICS, vol.37, no.4, pp.585-591, 2013 (SCI-Expanded)
- VIII. **Rad-supplemented Modules**
Buyukasik E., MERMUT E., ÖZDEMİR S.
RENDICONTE DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, vol.124, pp.157-177, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Cofinitely F-supplemented modules**
Özdemir S.
Sao Paulo Journal of Mathematical Sciences, vol.18, pp.142-148, 2023 (ESCI)
- II. **F-supplemented modules**
Ozdemir S.
ALGEBRA & DISCRETE MATHEMATICS, vol.30, no.1, pp.83-96, 2020 (ESCI)

Papers Published in Refereed Scientific Meetings

- I. **F-supplemented modules**
Özdemir S.
Third Bilateral Workshop on Science between DEU and ANAS, 05 December 2024, pp.1
- II. **On the Proper Class Generated by τ -supplements**
Türkoğlu Z., Özdemir S.
8th INTERNATIONAL CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 9 - 11 July 2024, pp.1
- III. **ON COGALOIS GROUPS OF LINE QUIVERS**
Özeren C., Özdemir S.
5TH INTERNATIONAL AZERBAIJAN CONGRESS ON LIFE, ENGINEERING, MATHEMATICAL AND APPLIED SCIENCES, Baku, Azerbaijan, 24 - 26 January 2024, pp.160
- IV. **Relative Homological Algebra in the Category of Representations of Quivers**
Özdemir S., Estrada S.
DEU Algebra Day, İzmir, Turkey, 28 June 2018, pp.2
- V. **Neat homomorphisms over Dedekind domains**
ÖZDEMİR S., MERMUT E.
Noncommutative rings and their applications, 12 - 15 June 2017
- VI. **On S-closed submodules**
DURĞUN Y., ÖZDEMİR S.
Antalya Algebra Days XIX (Antalya Cebir Günleri, XIX), 17 - 21 May 2017
- VII. **Finitistic Dimension Conjectures for representations of quivers**
estrada s., ÖZDEMİR S.
Antalya Algebra Days XVIII, İzmir, Turkey, 18 - 22 May 2016
- VIII. **Rad supplementing modules**
ÖZDEMİR S.
INTERNATIONAL CONFERENCE ON ALGEBRA IN HONOUR OF PATRICK SMITH AND JOHN CLARK'S 70TH BIRTHDAYS, Balıkesir, Turkey, 12 - 15 August 2013
- IX. **Enochs Neat Homomorphisms and Zöschinger's CoenatHomomorphisms**
ÖZDEMİR S., MERMUT E.
Workshop on Ring Theory, Karabük, Turkey, 11 - 15 June 2012
- X. **Torsion free covers in the category of representations of quivers**
ÖZDEMİR S., estrada s.
Antalya Algebra Days XIV, İzmir, Turkey, 16 - 20 May 2012
- XI. **Rad supplemented modules**
ÖZDEMİR S., MERMUT E., BÜYÜKAŞIK E.
Antalya Algebra Days X, Antalya, Turkey, 28 May - 01 June 2008

Supported Projects

Özdemir S., TUBITAK Project, Tensör-Çarpım Funktoru Tarafından Üretilen Öz Sınıfların İncelenmesi, 2023 - 2026

Peer Reviews in Scientific Publications

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2023
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,
Journal Indexed in ESCI, October 2020

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Journal Indexed in SCI-E, May 2020
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,
Journal Indexed in ESCI, October 2019

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, August 2019
HONAM MATHEMATICAL JOURNAL, Journal Indexed in ESCI, April 2019

European Journal of Pure and Applied Mathematics, Journal Indexed in ESCI, April 2017

Scientific Project Refereeing

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, October 2019

Metrics

Publication: 24

Citation (WoS): 38

Citation (Scopus): 37

H-Index (WoS): 3

H-Index (Scopus): 2

Scholarships

2211 - Domestic PhD Scholarship, TUBITAK, 2007 - 2011

PhD Research Scholarship, YOK, 2010 - 2010

2210 - Domestic Master Scholarship, TUBITAK, 2006 - 2007