

# Prof. YILMAZ DURĞUN

## Personal Information

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## International Researcher IDs

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## Education Information

Post Doctorate, Universitaet Zürich (University of Zürich), Faculty Of Science, Matematik, Switzerland 2016 - 2018

Doctorate, Izmir Institute Of Technology, Faculty Of Science, Matematik, Turkey 2009 - 2014

Postgraduate, Izmir Institute Of Technology, Faculty Of Science, Matematik, Turkey 2007 - 2009

Undergraduate, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey 2002 - 2007

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Homological objects of proper classes generated by simple modules, Izmir Institute Of Technology, Faculty Of Science, Department Of Mathematics, 2014

Postgraduate, The least proper class containing weak supplement, Izmir Institute Of Technology, Faculty Of Science, Department Of Mathematics, 2009

## Research Areas

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

## Academic Titles / Tasks

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2022 - Continues

Associate Professor, Cukurova University, Fen-Edebiyat Fakültesi, Matematik, 2018 - 2022

Lecturer PhD, Universitaet Zürich (University of Zürich), Temel Bilimler Fakültesi, Matematik, 2016 - 2018

Assistant Professor, Bitlis Eren University, Fen Edebiyat Fakültesi, Matematik, 2014 - 2016

## Academic and Administrative Experience

Bitlis Eren University, Fen Edebiyat Fakültesi, Matematik, 2016 - 2016

Bitlis Eren University, Rektörlük, Dış İlişkiler Koordinatörlüğü, 2016 - 2016

Bitlis Eren University, Rektörlük, Dış İlişkiler Koordinatörlüğü, 2016 - 2016

Bitlis Eren University, Fen Edebiyat Fakültesi, Matematik, 2014 - 2016

## Advising Theses

Durğun Y., Projektif olmayan modüller arasında sıfırdan farklı homomorfizmalara sahip olan halkalar, Postgraduate, K.İZCİ(Student), 2023

Durğun Y., Devirli modüllerin alt projektif bölgelerinin incelenmesi, Postgraduate, Ş.KALIR(Student), 2023

Durğun Y., Burulmasız modüller için test modüllerinin belirlenmesi, Postgraduate, M.BOZKURT(Student), 2022

Durğun Y., Tekilsiz modüllerin injektifliğinin incelenmesi, Postgraduate, S.SÖNMEZ(Student), 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On subprojective portfolios of modules**  
DURĞUN Y., Shibeshi A. Y.  
Indian Journal of Pure and Applied Mathematics, 2024 (SCI-Expanded)
- II. **Subinjective portfolios and rings with a linearly ordered subinjective profile**  
Alizade R., Diril M., DURĞUN Y.  
Communications in Algebra, 2024 (SCI-Expanded)
- III. **On projectivity of finitely generated modules**  
Durğun Y., Kalir Ş., Shibeshi A. Y.  
COMMUNICATIONS IN ALGEBRA, vol.51, no.9, pp.3623-3631, 2023 (SCI-Expanded)
- IV. **THE OPPOSITE OF INJECTIVITY BY PROPER CLASSES**  
Aydoğdu P., Durğun Y.  
QUAESTIONES MATHEMATICAE, vol.46, no.8, pp.1547-1570, 2023 (SCI-Expanded)
- V. **On rings admitting nonzero homomorphisms between non-projective modules**  
Alagöz Y., Durğun Y., İzci K.  
COMMUNICATIONS IN ALGEBRA, vol.51, no.4, pp.1614-1622, 2023 (SCI-Expanded)
- VI. **Projectivity relative to closed (neat) submodol**  
Durğun Y.  
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.21, no.06, 2022 (SCI-Expanded)
- VII. **RD-projective module whose subprojectivity domain is minimal**  
Durgun Y.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.2, pp.373-382, 2022 (SCI-Expanded)
- VIII. **ON SUBINJECTIVITY DOMAINS OF PURE-INJECTIVE MODULES**  
DURĞUN Y.  
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.51, no.4, pp.1227-1238, 2021 (SCI-Expanded)
- IX. **On subprojectivity domains of g-semiartinian modules**  
Durğun Y., Çobankaya A.  
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.20, no.07, 2021 (SCI-Expanded)
- X. **Weakly-tau-Flat Modules**  
Durğun Y.  
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.47, no.3, pp.755-765, 2021 (SCI-Expanded)
- XI. **SA-SUPPLEMENT SUBMODULES**  
Durgan Y.  
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.58, no.1, pp.147-161, 2021 (SCI-Expanded)
- XII. **Subprojectivity domains of pure-projective modules**

- DURĞUN Y.  
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.19, no.5, 2020 (SCI-Expanded)
- XIII. **On D-closed submodules**  
DURĞUN Y., ÖZDEMİR S.  
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.130, no.1, 2020 (SCI-Expanded)
- XIV. **ON LCD CODES OVER FINITE CHAIN RINGS**  
DURĞUN Y.  
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.57, no.1, pp.37-50, 2020 (SCI-Expanded)
- XV. **D-extending modules**  
DURĞUN Y.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.49, no.3, pp.914-920, 2020 (SCI-Expanded)
- XVI. **On the structure of modules defined by subinjectivity**  
Altınay F., Buyukasik E., DURĞUN Y.  
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.18, no.10, 2019 (SCI-Expanded)
- XVII. **Extended S-supplement submodules**  
DURĞUN Y.  
TURKISH JOURNAL OF MATHEMATICS, vol.43, no.6, pp.2833-2841, 2019 (SCI-Expanded)
- XVIII. **Proper classes generated by tau - closed submodules**  
DURĞUN Y., ÇOBANKAYA A.  
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.27, no.3, pp.83-95, 2019 (SCI-Expanded)
- XIX. **ON S-CLOSED SUBMODULES**  
Durgun Y., Ozdemir S.  
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.54, no.4, pp.1281-1299, 2017 (SCI-Expanded)
- XX. **Test modules for flatness**  
Alizade R., Durgun Y.  
RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, vol.137, pp.75-91, 2017 (SCI-Expanded)
- XXI. **An alternative perspective on flatness of modules**  
Durgun Y.  
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.15, no.8, 2016 (SCI-Expanded)
- XXII. **STRONGLY NONCOSINGULAR MODULES**  
Alagoz Y., Durgun Y.  
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.42, no.4, pp.999-1013, 2016 (SCI-Expanded)
- XXIII. **Small supplements, weak supplements and proper classes**  
Alizade R., Buyukasik E., Durgun Y.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.45, no.3, pp.649-661, 2016 (SCI-Expanded)
- XXIV. **Neat-flat Modules**  
Buyukasik E., Durgun Y.  
COMMUNICATIONS IN ALGEBRA, vol.44, no.1, pp.416-428, 2016 (SCI-Expanded)
- XXV. **Rings whose modules have maximal or minimal subprojectivity domain**  
Durgun Y.  
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.14, no.6, 2015 (SCI-Expanded)
- XXVI. **ABSOLUTELY s-PURE MODULES AND NEAT-FLAT MODULES**  
Buyukasik E., Durgun Y.  
COMMUNICATIONS IN ALGEBRA, vol.43, no.2, pp.384-399, 2015 (SCI-Expanded)
- XXVII. **On some generalizations of closed submodules**  
Durgun Y.  
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.52, no.5, pp.1549-1557, 2015 (SCI-Expanded)
- XXVIII. **CONEAT SUBMODULES AND CONEAT-FLAT MODULES**

Buyukasik E., Durgun Y.

JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.51, no.6, pp.1305-1319, 2014 (SCI-Expanded)

**XXIX. THE PROPER CLASS GENERATED BY WEAK SUPPLEMENTS**

Alizade R., Demirci Y. M., Durgun Y., Pusat D.

COMMUNICATIONS IN ALGEBRA, vol.42, no.1, pp.56-72, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Lattice of Subinjective Portfolios of Modules**  
DURĞUN Y.  
Journal of New Theory, no.47, pp.11-19, 2024 (Peer-Reviewed Journal)
- II. **Rings whose RD-flat modules have restricted subflat domains**  
Durğun Y., Bozkurt M.  
Rendiconti del Circolo Matematico di Palermo, vol.73, no.2, pp.579-585, 2024 (ESCI)
- III. **ON SUBFLAT DOMAINS OF RD-FLAT MODULES**  
Bozkurt M., Durğun Y.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.72, no.3, pp.563-569, 2023 (ESCI)
- IV. **On subinjectivity domains of RD-injective modules**  
Durğun Y.  
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.15, no.08, pp.1-12, 2022 (ESCI)
- V. **An alternative perspective on pure-projectivity of modules**  
Alagoz Y., DURĞUN Y.  
SAO PAULO JOURNAL OF MATHEMATICAL SCIENCES, vol.14, no.2, pp.631-650, 2020 (ESCI)
- VI. **S-Bütünleyen Alt Modüller Tarafından Üretilen Öz Sınıf**  
DURĞUN Y.  
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, no.2, pp.518-524, 2020 (Peer-Reviewed Journal)
- VII. **Extended maximal self-orthogonal codes**  
DURĞUN Y.  
DISCRETE MATHEMATICS ALGORITHMS AND APPLICATIONS, vol.11, no.5, 2019 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Rings whose  $g$ -Semiartinian Modules Have Maximal or Minimal Subprojectivity Domain**  
DURĞUN Y., ÇOBANKAYA A.  
International Conference on Mathematics and Its Applications in Science and Engineering (ICMASE 2020), Ankara, Turkey, 09 July 2020
- II. **The Proper Class Generated Projectively by  $G$ -Semiartinian Modules**  
Durğun Y., Çobankaya A.  
3rd International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 24 June 2020
- III. **PROPER CLASS GENERATED COINJECTIVELY BY SEMIARTINIAN MODULES**  
Çobankaya A., Durğun Y.  
International Congress of Science, Mathematics and Engineering, İzmir, Turkey, 8 - 10 November 2019
- IV. **G-DICKSON TORSION THEORY**  
Durğun Y., Çobankaya A.  
International Congress of Science, Mathematics and Engineering, İzmir, Turkey, 8 - 10 November 2019, pp.1-1033
- V. **On subprojectivity domains of semiartinian modules**  
DURĞUN Y., ÇOBANKAYA A.  
6th International IFS and Contemporary Mathematic Conference, 7 - 10 June 2019

- VI. **Saf-Projektif Modüllerin Alt-Projektif Bölgeleri**  
DURĞUN Y.  
14. Ankara Matematik Günleri, Ankara, Turkey, 28 - 29 June 2019
- VII. **THE SMALLEST PROPER CLASS GENERATED BY T-CLOSED SUBMODULES**  
DURĞUN Y., ÇOBANKAYA A.  
2. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, 28 March 2019
- VIII. **WHEN T-CLOSED SUBMODULE IS CLOSED**  
DURĞUN Y., ÇOBANKAYA A.  
2. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, 28 March 2019
- IX. **On S-closed submodules**  
DURĞUN Y., ÖZDEMİR S.  
Antalya Algebra Days XIX (Antalya Cebir Günleri, XIX), 17 - 21 May 2017
- X. **Test Modules for Flatness**  
DURĞUN Y.  
Noncommutative rings and their applications IV, Lens-France, 8 - 11 June 2015

## Supported Projects

- Durğun Y., Türkmen E., TÜBİTAK Project, Tensör-Çarpım Funktoru Tarafından Üretilen Öz Sınıfların İncelenmesi, 2023 - 2026
- Durğun Y., Büyükaşık E., Alizade R., TÜBİTAK Project, Altinjektif Ve Altprojektif Bölgeler Yardımıyla Halkaların Profillerinin İncelenmesi, 2022 - 2025
- Durğun Y., TÜBİTAK Project, Investigation of the diametric opposites of injective and projective modules through proper classes, 2019 - 2022
- Durğun Y., Project Supported by Higher Education Institutions, Investigation of Cogenerated Torsion Theory by Simple Modules, 2020 - 2021
- ÇOBANKAYA A., DURĞUN Y., Project Supported by Higher Education Institutions, Goldie Torsion Modüllerin Projektifliğinin İncelenmesi, 2019 - 2021
- Durğun Y., TÜBİTAK Project, Investigation of projectivity of pure-projective modules, 2019 - 2020
- DURĞUN Y., ÇOBANKAYA A., Project Supported by Higher Education Institutions, Saf injektif modüllerin İnjektifliğinin incelenmesi, 2018 - 2019

## Metrics

- Publication: 48  
Citation (WoS): 97  
Citation (Scopus): 126  
H-Index (WoS): 6  
H-Index (Scopus): 6