

Asst. Prof. BARIŞ ALBAYRAK

Personal Information

Office Phone: [+90 286 335 8738](tel:+902863358738) Extension: 1171

Email: balbayrak@comu.edu.tr

Web: <https://avesis.comu.edu.tr/balbayrak>

Address: Biga Uygulamalı Bilimler Fakültesi

International Researcher IDs

ORCID: 0000-0002-8255-4706

ScopusID: 55795460600

Yoksis Researcher ID: 201802

Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2009 - 2016

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2004 - 2007

Undergraduate, Canakkale Onsekiz Mart University, Fen Fakültesi, Matematik Bölümü, Turkey 2000 - 2004

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, İkili Bağlıntıların Tam Yarıgruplarının İdempotent ve Regüler Elemanları, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, 2015

Postgraduate, Asal Halkalarda Genelleştirilmiş Türevler, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, 2007

Research Areas

Mathematics, Commutative Rings and Algebras, Group Theory and Generalizations, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Biga Uygulamalı Bilimler Fakültesi, Bankacılık Ve Finans, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Biga Uygulamalı Bilimler Fakültesi, Bankacılık Ve Finans, 2017 - 2018

Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Matematik, 2005 - 2016

Academic and Administrative Experience

Published journal articles indexed by SCI, SSCI, and AHCI

I. The Source of Semiprimeness of Semigroups

Albayrak B., Yeşil D., Karalarlıoğlu Camcı D.

JOURNAL OF MATHEMATICS, vol.2021, pp.1-8, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. RELATIONS OF MULTIPLICATIVE GENERALIZED (α, β) - REVERSE DERIVATION AND α - COMMUTING MAPS

Albayrak B.

Natural and Applied Sciences Journal, vol.6, no.1, pp.41-49, 2023 (Peer-Reviewed Journal)

II. A Generalization on Right Ideals of Prime Rings with α -Derivations

ALBAYRAK B.

Journal of the Institute of Science and Technology, vol.9, no.4, pp.2190-2199, 2019 (Peer-Reviewed Journal)

III. Closed Lie Ideals of Prime Rings with Generalized α -derivations

ALBAYRAK B., YEŞİL SUNGUR D.

International Journal of Mathematics Trends and Technology, vol.65, no.7, pp.101-109, 2019 (Peer-Reviewed Journal)

IV. A GENERALIZED STUDY ON CLOSED LIE IDEALS WITH (α, α) -DERIVATIONS

ALBAYRAK B., YEŞİL SUNGUR D.

Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi B - Teorik Bilimler, vol.7, no.2, pp.195-203, 2019 (Peer-Reviewed Journal)

V. Reverse and Jordan (σ, τ) - biderivation on Prime and Semi-prime Rings

ALBAYRAK B., AYDIN N.

Adıyaman University Journal of Science, vol.9, no.1, pp.149-164, 2019 (Peer-Reviewed Journal)

VI. Generalized Reverse Derivations On Closed Lie Ideals

ATAY Ö., AYDIN N., ALBAYRAK B.

Journal of Scientific Perspectives, vol.2, no.3, pp.61-74, 2018 (Peer-Reviewed Journal)

VII. Generating Sets of the Complete Semigroups of Binary Relations Defined by Semilattices of the Class $\Sigma(X, 4)$

Albayrak B., Givradze O., Partenadze G.

APPLIED MATHEMATICS, vol.9, no.1, pp.17-27, 2018 (Peer-Reviewed Journal)

VIII. Regular Elements of the Complete Semigroups of Binary Relations

YEŞİL SUNGUR D., TAVDGİRİDZE G., ALBAYRAK B., TSİNARİDZE N.

International Journal of Mathematics Trends and Technology, vol.52, no.6, pp.411-419, 2017 (Peer-Reviewed Journal)

IX. Regular Elements Of The Complete Semigroups Of Binary Relations Of The Class $\Sigma_{7 \equiv}(X, 8)$

Albayrak B., Aydın N.

APPLIED MATHEMATICS, vol.6, no.2, pp.312-318, 2015 (Peer-Reviewed Journal)

X. Idempotent and Regular Elements of the Complete Semigroups of Binary Relations of the Class $\Sigma_{3 \equiv}(X, 9)$

ALBAYRAK B., DİASAMİDZE Y., AYDIN N.

International Journal of Pure and Applied Mathematics, vol.86, no.1, pp.199-216, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. **3. Bölüm: Limit ve Süreklilik, 4. Bölüm: Türev ve Uygulamaları**

Yeşil D., Karalarlıoğlu Camcı D., Or A., Can S., Ballı F., Albayrak B.

in: Genel Matematik ve Finans Uygulamaları, Albayrak B., Editor, Dora Yayıncılık, Bursa, pp.107-219, 2018

Refereed Congress / Symposium Publications in Proceedings

I. **Generalized Reverse Semi-Derivations On Ideals and Jordan Ideals**

Albayrak B.

UBCAK 11. Ululararası bilimsel Çalışmalar Kongresi, Elazığ, Turkey, 02 May 2023, pp.172-173

II. **Halkalarda Asallığın Kaynağı Üzerine Bir Not**

YEŞİL SUGUR D., ALBAYRAK B.

9. Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 12 December 2020, pp.63-64

III. **A Note On The Source Of Semiprimeness Of σ -Prime Rings**

KARALARLIOĞLU CAMCI D., ALBAYRAK B., YEŞİL SUGUR D.

7th International Scientific Research Congress, Science and Engineering, Ankara, Turkey, 13 - 14 March 2020

IV. **A NOTE ON THE SOURCE OF SEMIPRIMENESS OF SEMIGROUPS**

ALBAYRAK B., YEŞİL SUGUR D., KARALARLIOĞLU CAMCI D.

9th MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL MEDICAL SCIENCES, 8 - 10 November 2019, pp.53

V. **GENELLEŞTİRİLMİŞ (α, α) -TÜREVLİ ASAL HALKALARDA DEĞİŞMELİLİK**

YEŞİL SUGUR D., ALBAYRAK B.

II. INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY ACADEMICS STUDIES, 16 - 17 November 2018, pp.385-396

VI. **On Closed Lie Ideals of Prime Rings with Generalized (α, α) - Derivations**

ALBAYRAK B., YEŞİL SUGUR D.

5th International Congress on Multidisciplinary Studies, 2 - 03 November 2018, vol.1, pp.98-109

VII. **GENERALIZED REVERSE DERIVATIONS ON LIE IDEAL OF RINGS**

ÖZGE A., AYDIN N., ALBAYRAK B.

2. International Rating Academy Congress and Exhibition on Hope, 19 - 21 April 2018, pp.147

Supported Projects

ALBAYRAK B., Project Supported by Higher Education Institutions, Grup, Monoid ve Yarıgruplarda Yarıasallığın Kaynağı ve Özellikleri, 2021 - 2022

KARALARLIOĞLU CAMCI D., ALBAYRAK B., YEŞİL SUGUR D., Project Supported by Higher Education Institutions, *-Asal Halkalarda Yarıasallığın Kaynağı, 2019 - 2020

ALBAYRAK B., YEŞİL SUGUR D., CAMCI D., Project Supported by Higher Education Institutions, Yarıgruplarda Yarıasallığın Kaynağı, 2019 - 2020

YEŞİL D., ALBAYRAK B., Project Supported by Higher Education Institutions, Sonlu Dönüşüm Yarıgrupları, 2017 - 2018

Metrics

Publication: 20