

## Asst. Prof. BARIŞ ALBAYRAK

### Personal Information

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### 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 Edebiyat Fakültesi, Matematik Bölümü, Turkey 2000 - 2004

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, İkili Bağlımların 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 Edebiyat Fakültesi, Matematik, 2005 - 2016

### Academic and Administrative Experience

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

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

## I. The Source of Semiprimeness of Semigroups

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

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

## Articles Published in Other Journals

### I. A Generalization on Right Ideals of Prime Rings with $\alpha$ -Derivations

ALBAYRAK B.

Journal of the Institute of Science and Technology, vol.9, no.4, pp.2190-2199, 2019 (Refereed Journals of Other Institutions)

### II. Closed Lie Ideals of Prime Rings with Generalized $\alpha$ -derivations

ALBAYRAK B., YEŞİL SUNGUR D.

International Journal of Mathematics Trends and Technology, vol.65, no.7, pp.101-109, 2019 (Refereed Journals of Other Institutions)

### III. A GENERALIZED STUDY ON CLOSED LIE IDEALS WITH $(\alpha, \alpha)$ -DERIVATIONS

ALBAYRAK B., YEŞİL SUNGUR D.

Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi B - Teorik Bilimler, vol.7, no.2, pp.195-203, 2019 (Refereed Journals of Other Institutions)

### IV. Reverse and Jordan $(\sigma, \tau)$ -biderivation on Prime and Semi-prime Rings

ALBAYRAK B., AYDIN N.

Adıyaman University Journal of Science, vol.9, no.1, pp.149-164, 2019 (Refereed Journals of Other Institutions)

### V. 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 (Refereed Journals of Other Institutions)

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

ALBAYRAK B., GİVRADZE O., PARTENADZE G.

Applied Mathematics, vol.9, no.1, pp.17-27, 2018 (Refereed Journals of Other Institutions)

### VII. 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 (Refereed Journals of Other Institutions)

### VIII. Regular Elements Of The Complete Semigroups Of Binary Relations Of The Class $\Sigma_7(X, 8)$

ALBAYRAK B., AYDIN N.

Applied Mathematics, vol.6, no.2, pp.312-318, 2015 (Refereed Journals of Other Institutions)

### IX. Idempotent and Regular Elements of the Complete Semigroups of Binary Relations of the Class $\Sigma_3(X, 9)$

ALBAYRAK B., DİASAMİDZE Y., AYDIN N.

International Journal of Pure and Applied Mathematics, vol.86, no.1, pp.199-216, 2013 (Refereed Journals of Other Institutions)

## 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. **Halkalarda Asallığın Kaynağı Üzerine Bir Not**  
YEŞİL SUNGUR D., ALBAYRAK B.  
9. Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 12 December 2020, pp.63-64
- II. **A Note On The Source Of Semiprimeness Of  $\sigma$ -Prime Rings**  
KARALARLIOĞLU CAMCI D., ALBAYRAK B., YEŞİL SUNGUR D.  
7th International Scientific Research Congress, Science and Engineering, Ankara, Turkey, 13 - 14 March 2020
- III. **A NOTE ON THE SOURCE OF SEMIPRIMENESS OF SEMIGROUPS**  
ALBAYRAK B., YEŞİL SUNGUR D., KARALARLIOĞLU CAMCI D.  
9th MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL MEDICAL SCIENCES, 8 - 10 November 2019, pp.53
- IV. **GENELLEŞTİRİLMİŞ  $(\alpha, \alpha)$ -TÜREVLİ ASAL HALKALARDA DEĞİŞMELİLİK**  
YEŞİL SUNGUR D., ALBAYRAK B.  
II. INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY ACADEMIC STUDIES, 16 - 17 November 2018, pp.385-396
- V. **On Closed Lie Ideals of Prime Rings with Generalized  $(\alpha, \alpha)$ - Derivations**  
ALBAYRAK B., YEŞİL SUNGUR D.  
5th International Congress on Multidisciplinary Studies, 2 - 03 November 2018, vol.1, pp.98-109
- VI. **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

KARALARLIOĞLU CAMCI D., ALBAYRAK B., YEŞİL SUNGUR D., Project Supported by Higher Education Institutions, \*-Asal Halkalarda Yarıasallığın Kaynağı, 2019 - 2020  
YEŞİL D., ALBAYRAK B., Project Supported by Higher Education Institutions, Sonlu Dönüşüm Yarışmaları, 2017 - 2018