

## Asst. Prof. DİDEM YEŞİL

### Personal Information

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### Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2009 - 2013

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2006 - 2009

Undergraduate, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik, Turkey 2000 - 2004

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, İKİLİ BAĞLANTILARIN TAM YARI-GRUPLARININ SAĞ BİRİMLERİ VE İDEMPOTENT ELEMANLARI , Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, 2013

Postgraduate, TOPOLOJİK UZAYLARDA GENELLESTİRİLMİŞ KAPALI KÜMELER ÜZERİNE, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Matematik, 2009

### Research Areas

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

### Academic Titles / Tasks

Research Assistant PhD, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Matematik, 2013 - Continues

Research Assistant, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Matematik, 2006 - 2013

### 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. **The Source of Primeness of Rings**  
Yeşil D., Karalarlıoğlu Camcı D.  
Journal of New Theory, no.41, pp.100-104, 2022 (Peer-Reviewed Journal)
- II. **A Generalized Study On Closed Lie Ideals with  $(?,?)$ -derivations**  
YEŞİL D., ALBAYRAK B.  
Eskişehir Technical University Journal of Science and Technology B- Theoretical Sciences, no.7, pp.195-203, 2019 (Peer-Reviewed Journal)
- III. **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)
- IV. **Description of Some Right Unit Elements of the Complete Semigroups of Binary Relations of the Class  $\Sigma_6(X,8)$**   
YEŞİL D., Tavgridze G.  
International Journal of Mathematics Trends and Technology, no.52, pp.420-429, 2017 (Peer-Reviewed Journal)
- V. **Description of Some Right Unit Elements of the Complete Semigroups of Binary Relations of the Class  $\Sigma_6(X,8)$**   
YEŞİL D., Tavgridze G.  
International Journal of Mathematics Trends and Technology, no.52, pp.420-429, 2017 (Peer-Reviewed Journal)
- VI. **A Generalization of Multiplicative (Generalized)-Derivations**  
YEŞİL D., AYDIN N., Çelik M.  
Journal of Mathematical and Computational Science, no.7, pp.485-494, 2017 (Peer-Reviewed Journal)
- VII. **Regular Elements of the Complete Semigroups of Binary Relations of the Class  $\Sigma_8(X,7)$**   
AYDIN N., YEŞİL SUNGUR D.  
General Mathematics Notes, no.1, pp.1-16, 2014 (Peer-Reviewed Journal)
- VIII. **Regular Elements of Semigroups  $BX(D)$  Defined by the Generalized X- Semilattice**  
AYDIN N., YEŞİL SUNGUR D., ALBAYRAK B.  
General Math. Notes, no.23, pp.96-107, 2014 (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
- II. **Bölüm 1**  
YEŞİL D., CAN S., OR A., KARALARLIOĞLU CAMCI D., ALBAYRAK B.  
in: Genel Matematik ve Finans Uygulamaları, Albayrak B., Editor, Dora Yayınevi, İstanbul, pp.1-39, 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. **İkili Bağlıntıların Tam Yarıgruplarının Regüler Elemanları**  
YEŞİL SUNGUR D., AYDIN N.  
26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1
- III. **İkili Bağlıntıların Tam Yarıgruplarının İdempotent Elemanları**  
AYDIN N., YEŞİL SUNGUR D.  
26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1

**IV. İkili Bağlıntıların Tam Yarıgruplarının İdempotent Elemanları**

YEŞİL SUNGUR D., AYDIN N.

26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1

**V. İkili Bağlıntıların Tam Yarıgruplarının Regüler Elemanları**

AYDIN N., YEŞİL SUNGUR D.

26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1

**VI. Complete semigroups of binary relations defined by semilattices of the class  $\Sigma(X,9)$**

YEŞİL SUNGUR D., AYDIN N., DIASAMIDZE Y.

International Conference of Modern Algebra and its Applications, Batum, Georgia, 19 September 2011 - 25 September 0011, pp.1

**VII. Complete semigroups of binary relations defined by semilattices of the class  $\Sigma(X,9)$**

AYDIN N., YEŞİL SUNGUR D.

International Conference of Modern Algebra and its Applications, Batum, Georgia, 19 - 25 September 2011, pp.1

## Supported Projects

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

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

## Metrics

Publication: 18