Asst. Prof. DİDEM YEŞİL

Personal Information

Office Phone: +90 218 391 6 Extension: 22145
Email: dyesil@comu.edu.tr
Web: https://avesis.comu.edu.tr/dyesil

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 GENELLEŞTİRİLMİŞ 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

Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Matematik, 2016 - Continues
Research Assistant PhD, Canakkale Onsekiz Mart University, Matematik, 2013 - 2016
Research Assistant, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Matematik, 2006 - 2013

Supervised Theses

Yeşil D., The Source of Semiprimeness on Semigroup Types, Postgraduate, R.MEKERA(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A Source of Semiprimeness on Inverse and Completely Regular Semigroups**

Mekera R., YEŞİL D.

Ukrainian Mathematical Journal, vol.76, no.8, pp.1417-1423, 2025 (SCI-Expanded)

II. **The Source of Semiprimeness of Semigroups**

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

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

III. **Regular elements of the complete semigroups of binary relations of the class Sigma(6)(X, 8)**

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

GEORGIAN MATHEMATICAL JOURNAL, vol.22, no.2, pp.159-170, 2015 (SCI-Expanded)

Articles Published in Other Journals

I. **On σ-primeness and σ-semiprimeness in rings with involution**

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

Journal of New Results in Science, vol.13, no.3, pp.262-270, 2024 (Peer-Reviewed Journal)

II. **A Generalization of Source of Semiprimeness**

Karalarlıoğlu Camcı D., Yeşil D., Mekera R., Camcı Ç.

Journal of New Theory, no.49, pp.62-68, 2024 (Peer-Reviewed Journal)

III. **Source of semiprimeness of ∗-prime rings**

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

Journal of Amasya University the Institute of Sciences and Technology, vol.5, no.1, pp.43-48, 2024 (Peer-Reviewed Journal)

IV. **The Source of $Gamma$-Primeness on $Gamma$-Rings**

Yeşil D., Mekera R.

Mathematical Sciences and Applications E-Notes, vol.12, no.1, pp.36-42, 2024 (Peer-Reviewed Journal)

V. **A Generalization of The Prime Radicals of Rings**

KARALARLIOĞLU CAMCI D., YEŞİL D., Mekera R., CAMCI Ç.

Natural and Applied Sciences Journal, vol.6, no.2, pp.61-69, 2023 (Peer-Reviewed Journal)

VI. **The Source of Primeness of Rings**

Yeşil D., Karalarlıoğlu Camcı D.

Journal of New Theory, no.41, pp.100-104, 2022 (Peer-Reviewed Journal)

VII. **On the Multiplicative (Generalised) (α, α)-Derivations of Semiprime Rings**

Karahan H., Aydın N., Yeşil D.

Journal of New Theory, no.39, pp.42-53, 2022 (Peer-Reviewed Journal)

VIII. **ClosedLieIdeals of Prime Rings with Generalizedα−derivations**

ALBAYRAK B., YEŞİL SUNGUR D.

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

IX. **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)

X. **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)

XI. **Description of Some Right Unit Elements of the Complete Semigroups of Binary Relations of the Class Sigma6(X,8)**

YEŞİL D., Tavgridze G.

International Journal of Mathematics Trends and Technology, no.52, pp.420-429, 2017 (Peer-Reviewed Journal)

XII. **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)

XIII. **Regular Elements of the Complete Semigroups of Binary Relations of the Class Sigma8(X,7)**

AYDIN N., YEŞİL SUNGUR D.

General Mathematics Notes, no.1, pp.1-16, 2014 (Peer-Reviewed Journal)

XIV. **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

I. **5. bölüm : İntegral 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.220-323, 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

Papers Published in Refereed Scientific Meetings

I. **Değişmeli Yarıgruplar Üzerine Bir Genelleştirme**

Yeşil D.

14. ULUSLARARASI BİLİMSEL ÇALIŞMALAR KONGRESİ, Elazığ, Turkey, 22 - 23 August 2024

II. **The Source of Gamma Semiprimeness on Gamma Semigroups**

Mekera R., YEŞİL D., KARALARLIOĞLU CAMCI D.

Trakya Üniversiteler Birliği VI. Lisansüstü Öğrenci Kongresi, Turkey, 17 - 18 November 2022

III. **A COMPARISON ON SEMIPRIMENESS IN RINGS AND INVOLUTION RINGS**

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

III. INTERNATIONAL "BAŞKENT" CONGRESS ON PHYSICAL, SOCIAL AND HEALTH SCIENCES, Turkey, 4 - 05 December 2021

IV. **The Source of Semiprimeness on Semigroup Types**

Mekera R., YEŞİL D.

5th INTERNATIONAL ONLINE CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 1 - 03 December 2021

V. **Cebirsel Yapılarda Yarıasallık Üzerine Bir İnceleme**

YEŞİL D., ALBAYRAK B.

7. ULUSLARARASI BİLİMSEL ÇALIŞMALAR KONGRESİ, Turkey, 22 - 24 November 2021

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

YEŞİL SUNGUR D., ALBAYRAK B.

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

VII. **Σ-Asal Halkalarda Yarıasallığın Kaynağı Üzerine Bir Not**

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

7. Uluslararası Bilimsel Araştırmalar Kongresi, Turkey, 13 - 14 March 2020

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

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

MAS 9th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES, Turkey, 8 - 10 November 2019

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

Yeşil Sungur D., Albayrak B.

II. INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY ACADEMICS STUDIES, İstanbul, Turkey, 16 - 17 November 2018, pp.105-106

X. **ASAL HALKALARIN KAPALI LİE İDEALLERİNDE (α,α)- TÜREVLER**
ALBAYRAK B., YEŞİL SUNGUR D.
5th International Congress on Multidisciplinary Studies, Turkey, 2 - 03 November 2018, vol.1, pp.98-109

XI. **İkili Bağıntıların Tam Yarıgruplarının Regüler Elemanları**
YEŞİL SUNGUR D., AYDIN N.
26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1

XII. **İkili Bağıntıların Tam Yarıgruplarının İdempotent Elemanları**
YEŞİL SUNGUR D., AYDIN N.
26. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1

XIII. **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

XIV. **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

Yeşil D., Mekera R., Project Supported by Higher Education Institutions, Commutativity in Semigroups, 2024 - 2026

Yeşil D., Kağan Kılıç Z., Bayri U., TUBITAK Project, Idempotent Elements of Complete Semigroups of Binary Relations, 2024 - 2025

YEŞİL D., KARALARLIOĞLU CAMCI D., Project Supported by Higher Education Institutions, YARIGRUPLARDA VE YARIGRUP İDEALLERDE ASALLIĞIN KAYNAĞI, 2020 - 2024

KARALARLIOĞLU CAMCI D., CAMCI Ç., YEŞİL D., Project Supported by Higher Education Institutions, Halkalarda Almost Türevler, 2022 - 2023

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

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

Metrics

Publication: 34
Citation (WoS): 1
Citation (Scopus): 2
H-Index (WoS): 1
H-Index (Scopus): 1

Non Academic Experience

Ç.O.M.Ü., Araş. Gör.