Res. Asst. PhD Dilara ERDEMİR

Personal Information

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey 2017 - 2023
Postgraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey 2015 - 2016
Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey 2011 - 2015

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Pedagojik Formasyon Eğitimi , Yıldız Teknik Üniversitesi, 2014

Dissertations

Doctorate, Tasarım Etiketlemeleri, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2023
Postgraduate, Ideal structure of noncommutative rings, Yildiz Technical University, Faculty of Arts & Science, Department of Mathemeatics, 2016

Research Areas

Mathematics, Associative Rings and Algebras, Commutative Rings and Algebras

Academic Titles / Tasks

Research Assistant PhD, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2023 - Continues

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2019 - 2023

Academic and Administrative Experience

Adaptation/Exemption Committee Member, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2024 - 2025
Member of Department FEDEK Commission, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2022 - 2025

Courses

Undergraduate
Matematik 2 Gr.50-57, Undergraduate, 2024 - 2025
Lineer Cebir GR.4, Undergraduate, 2023 - 2024
Matematik Gr.1-5, Undergraduate, 2024 - 2025
Matematik Gr.6, Undergraduate, 2024 - 2025
Matematik 2 GR.18-20, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

I. **On quasi (2,n)-ideals of commutative rings**
Bouba E. M., El-Khabchi Y., Erdemir D., Koc S., Tekir U.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.26, pp.1-14, 2025 (SCI-Expanded)
II. **Block-Graceful Designs**
Erdemir D., Kolotoğlu E.
Journal of Mathematics, vol.2023, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. **Line-Graceful Designs**
Erdemir D., Kolotoğlu E.
ACTA MATHEMATICA UNIVERSITATIS COMENIANAE, vol.93, no.3, pp.129-136, 2024 (ESCI)

Papers Published in Refereed Scientific Meetings

I. **Adaptation of Some Graceful Graph Labeling Methods to Combinatorial Block Designs**
Erdemir D., Kolotoğlu E.
6th International HYBRID Conference on Mathematical Advances and Applications, İstanbul, Turkey, 10 - 13 May 2023, pp.72

Metrics

Publication: 4
Citation (Scopus): 1
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Congress and Symposium Activities

International Workshop on Algebra and Its Applications, Audience, İstanbul, Turkey, 2024
6th International HYBRID Conference on Mathematical Advances and Applications, Attendee, İstanbul, Turkey, 2023
11. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2016
Bilim ve Bilişim Günleri, Audience, İstanbul, Turkey, 2016
Cebirsel Kodlama ve Kriptoloji Çalıştayı, Audience, İstanbul, Turkey, 2015

Scholarships

2211-A Genel Yurt İçi Doktora Bursu, TUBITAK, 2018 - 2023