

Asst. Prof. DEMET TAYLAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: GON-9984-2022

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Education Information

Doctorate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2010 - 2016

Postgraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2007 - 2009

Undergraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2003 - 2007

Dissertations

Doctorate, Bazı çizgelerin yoksunluk komplekslerinin topolojisi, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2016

Postgraduate, Hipertam çizgeler ve genelleştirilmiş Kneser-Lovász teoremi, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2009

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2022 - Continues

Research Assistant, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2009 - 2022

Courses

Mathematics II, Undergraduate, 2023 - 2024

Abstract Mathematics and Logic II, Undergraduate, 2023 - 2024, 2022 - 2023

General Mathematics II, Undergraduate, 2023 - 2024, 2022 - 2023

Mathematics II, Undergraduate, 2022 - 2023

Mathematics I, Undergraduate, 2023 - 2024

Öğretmenlik Uygulaması, Undergraduate, 2023 - 2024

General Mathematics I, Undergraduate, 2023 - 2024, 2022 - 2023

Mathematics I, Undergraduate, 2023 - 2024, 2022 - 2023

Abstract Mathematics and Logic I, Undergraduate, 2023 - 2024, 2022 - 2023

Engineering Mathematics I, Undergraduate, 2022 - 2023

Discrete Computational Structures, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Matching Trees for Simplicial Complexes and Homotopy Type of Devoid Complexes of Graphs**
Taylan D.
ORDER-A JOURNAL ON THE THEORY OF ORDERED SETS AND ITS APPLICATIONS, vol.33, no.3, pp.459-476, 2016
(SCI-Expanded)
- II. **Coloring hypercomplete and hyperpath graphs**
CİVAN Y., TAYLAN D.
TURKISH JOURNAL OF MATHEMATICS, vol.38, no.1, pp.1-15, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Linear N-Graphs**
BAŞER G., TAYLAN D.
Rose-Hulman Undergraduate Mathematics Journal, vol.8, no.1, pp.1-6, 2007 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Simplekssel kompleksler üzerinde bazı operasyonlar ve eşleme ağaçları**
TAYLAN D.
XXVI. ULUSAL MATEMATİK SEMPOZYUMU, 4 - 07 September 2013
- II. **Çizgelerin ve hiperçizgelerin tam genleşmeleri**
TAYLAN D.
XXI. ULUSAL MATEMATİK SEMPOZYUMU, 1 - 04 September 2008

Metrics

Publication: 5

Citation (WoS): 1

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

Topological Data Analysis and Persistent Homology, Levico Terme (Trento), Italy, Audience, Trento, Italy, 2018

First Research School on Commutative Algebra and Algebraic Geometry, Algebra, Combinatorics and Geometry of Monomials, Iran, Audience, Zanjan, Iran, 2017

Hokkaido University - University of Bremen Joint Symposium: Special Session: Arrangements of Hyperplanes, Audience, Bremen, Germany, 2014

Combinatorial Topology and Applications (International Workshop), Universität Bremen, Audience, Bremen, Germany, 2014

The Scuola Matematica Interuniversitaria (SMI) Mathematics Summer School in Perugia, Italy, Audience, Perugia, Italy, 2011

Commutative Algebra and Applications to Combinatorics and Algebraic Geometry, CIMPA-TUBITAK Summer School, Feza Gürsey Institute and Galatasaray University, Audience, İstanbul, Turkey, 2010

Atlantic Association for Research in the Mathematical Sciences (AARMS) Summer School, University of New Brunswick, Canada, Audience, Fredericton, Canada, 2009