

Lect. PhD SAMET SARIOĞLAN

Personal Information

Email: ssarioglan@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/ssarioglan>

International Researcher IDs

ScholarID: Zt0N1VkAAAAJ

ORCID: 0000-0002-1865-8674

Yoksis Researcher ID: 313302

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik A.B.D., Turkey 2014 - 2019

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik A.B.D., Turkey 2013 - 2014

Undergraduate, Hacettepe University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 2006 - 2012

Dissertations

Doctorate, Algebraic structure of generalized splines, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik A.B.D., 2019

Postgraduate, Legendre düğümlerin değişmezleri, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik A.B.D., 2014

Research Areas

Commutative Rings and Algebras

Academic Titles / Tasks

Lecturer PhD, Hacettepe University, Rektörlük-B, 2020 - Continues

Lecturer, Ted University, Faculty Of Arts And Sciences, Math, 2019 - 2020

Courses

Introduction to Number Theory, Undergraduate, 2020 - 2021

BASIC MATHEMATICS IN ELEMNTARY EDUCATION, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Generalized graph splines and the Universal Difference Property**
ALTINOK BHUPAL S., Anders K., Arreola D., Asencio L., Ireland C., SARIOĞLAN S., Smith L.
Discrete Mathematics, vol.347, no.6, 2024 (SCI-Expanded)
- II. **Basis condition for generalized spline modules**

Sariođlan S., Fişekci Par S.

JOURNAL OF ALGEBRAIC COMBINATORICS, vol.59, pp.359-369, 2024 (SCI-Expanded)

III. **Multivariate generalized splines and syzygies on graphs**

SARIOĐLAN S., Altınok S.

Journal of Algebra and its Applications, vol.23, no.2, 2024 (SCI-Expanded)

IV. **Flow-up bases for generalized spline modules on arbitrary graphs**

Altınok Bhupal S., Sariođlan S.

JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.20, no.10, 2021 (SCI-Expanded)

V. **Basis criteria for generalized spline modules via determinant**

Altınok Bhupal S., Sariođlan S.

DISCRETE MATHEMATICS, vol.344, no.2, 2021 (SCI-Expanded)

Metrics

Publication: 5

Citation (WoS): 1

Citation (Scopus): 12

H-Index (WoS): 1

H-Index (Scopus): 2