



# NAZLI YAZICI GÖZÜTOK

## ASSOC. PROF.

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### International Researcher IDs

ScholarID: ieEQ2MwAAAAJ

ORCID: 0000-0002-3645-0623

Publons / Web Of Science ResearcherID: ABF-8779-2020

ScopusID: 57200576040

Yoksis Researcher ID: 240440



### Learning Knowledge

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Doctorate

2014 - 2020

Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey

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Postgraduate

2010 - 2014

Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey

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Undergraduate

2006 - 2010

Ataturk University, Fen Fakültesi, Matematik, Turkey

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Düzgün Figürler ve  $\Gamma_0(N)$  nin  $PSL(2, \mathbb{R})$  deki Normalliyeni, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, Modüler grubun picard grubundaki normalliyenin alt yörüngesel grafları, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2013

### Academic Titles / Tasks

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Associate Professor

2024 - Continues

Marmara University, Faculty Of Sciences, Department Of Mathematics

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Assistant Professor

2022 - 2024

Marmara University, Faculty Of Arts And Sciences, Mathematics

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Research Assistant

2015 - 2020

Karadeniz Technical University, Fen Fakültesi, Matematik

## Supported Projects

1. Güler B. Ö., TUBITAK Project, Bir Tür Modüler Grup İçin Altyörüngesel Graf Karakterizasyonu, 2018 - 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **Quadrilateral and Hexagonal Maps Corresponding to the Subgroups  $\Gamma(0)(N)$  of the Modular Group**  
YAZICI GÖZÜTOK N., GÜLER B. Ö.  
GRAPHS AND COMBINATORICS, vol.38, no.3, 2022 (SCI-Expanded)
2. **Normalizer Maps Modulo N**  
YAZICI GÖZÜTOK N.  
MATHEMATICS, vol.10, no.7, 2022 (SCI-Expanded)
3. **Hexagonal cell graphs of the normalizer with signature (2, 6, infinity)**  
YAZICI GÖZÜTOK N., GÜLER B. Ö.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.3, pp.666-679, 2022 (SCI-Expanded)
4. **QUADRILATERAL CELL GRAPHS OF THE NORMALIZER WITH SIGNATURE (2, 4, infinity)**  
Gozutok N., GÜLER B. Ö.  
STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA, vol.57, no.3, pp.408-425, 2020 (SCI-Expanded)
5. **Maps Corresponding to the Subgroups  $\Gamma(0)(N)$  of the Modular Group**  
Gozutok N., GÖZÜTOK U., GÜLER B. Ö.  
GRAPHS AND COMBINATORICS, vol.35, no.6, pp.1695-1705, 2019 (SCI-Expanded)
6. **Suborbital Graphs for the Group  $\Gamma(C)(N)$**   
Gozutok N., GÜLER B. Ö.  
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.45, no.2, pp.593-605, 2019 (SCI-Expanded)
7. **Suborbital Graphs of the Normalizer of Modular Group in the Picard Group**  
Gozutok N., GÜLER B. Ö.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.42, no.A4, pp.2167-2174, 2018 (SCI-Expanded)
8. **Multi-variable Conformable Fractional Calculus**  
Gozutok N., GÖZÜTOK U.  
FILOMAT, vol.32, no.1, pp.45-53, 2018 (SCI-Expanded)
9. **On new inequalities of Hermite-Hadamard-Fejer type for harmonically convex functions via fractional integrals**  
KUNT M., Iscan I., Yazici N., GÖZÜTOK U.  
SPRINGERPLUS, vol.5, 2016 (SCI-Expanded)

## Articles Published in Other Journals

1. **Petrie Paths in Triangular Normalizer Maps**

- Yazıcı Gözütok N.  
Universal Journal of Mathematics and Applications, vol.5, no.3, pp.89-95, 2022 (Peer-Reviewed Journal)
2. **Triangles in the suborbital graphs of the normalizer of  $\Gamma_0(N)$**   
YAZICI GÖZÜTOK N., GÜLER B. Ö.  
Indonesian Journal of Combinatorics, vol.4, 2020 (Peer-Reviewed Journal)
  3.  **$\Gamma_0(2^5 p^2)$  nin normalliyenin alt yörüngesel graflarındaki dörtgenler**  
YAZICI GÖZÜTOK N.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2020 (Peer-Reviewed Journal)
  4. **Conformable Fractional Partial Differentiation on n-Dimensional Time Scales**  
Gozutok N., GÖZÜTOK U.  
MATEMATIKA, vol.35, no.2, pp.105-115, 2019 (ESCI)
  5. **Elliptic Elements of a Subgroup of the Normalizer and Circuits in Orbital Graphs**  
YAZICI GÖZÜTOK N., GÜLER B. Ö.  
APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, vol.3, pp.11-21, 2019 (ESCI)
  6. **Trees of The Normalizer of the Modular Group in The Picard Group**  
YAZICI GÖZÜTOK N., Zengin I., GÜLER B. Ö.  
Turkish Journal of Mathematics and Computer Science, vol.9, pp.63-70, 2018 (Peer-Reviewed Journal)
  7. **Hermite Hadamard Fejer type inequalities for harmonically convex functions via fractional integrals**  
İŞCAN İ., KUNT M., YAZICI GÖZÜTOK N.  
New Trends in Mathematical Science, vol.4, no.3, pp.239, 2016 (Peer-Reviewed Journal)
  8. **HERMITE-HADAMARD TYPE INEQUALITIES FOR PRODUCT OF HARMONICALLY CONVEX FUNCTIONS VIA RIEMANN-LIOUVILLE FRACTIONAL INTEGRALS**  
KUNT M., İscan I., Yazıcı N.  
JOURNAL OF MATHEMATICAL ANALYSIS, vol.7, no.4, pp.74-82, 2016 (ESCI)
  9. **NEW GENERAL INTEGRAL INEQUALITIES FOR LIPSCHITZIAN FUNCTIONS VIA RIEMANN-LIOUVILLE FRACTIONAL INTEGRALS AND APPLICATIONS**  
İscan I., KUNT M., Gozutok N., KÖROĞLU T.  
JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, vol.7, no.4, pp.1-12, 2016 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

1. **Embedding of the Suborbital Graphs corresponding to the Normalizer**  
YAZICI GÖZÜTOK N.  
9th International Congress on Fundamental and Applied Sciences, İstanbul, Turkey, 28 - 30 June 2022, pp.1039
2. **On the regular maps of large genus**  
YAZICI GÖZÜTOK N.  
18th International Geometry Symposium, Malatya, Turkey, 12 July 2021
3. **Maps corresponding to  $\Gamma_0(N)$  for a non-transitive action of the normalizer**  
YAZICI GÖZÜTOK N.  
3rd International Conference on Pure and Applied Mathematics (ICPAM-VAN 2020), Van, Turkey, 03 September 2020
4. **Triangles in the suborbital graphs of the normalizer**  
GÜLER B. Ö., YAZICI GÖZÜTOK N.  
International Conference on Mathematics(ICOM-2019), İstanbul, Turkey, 3 - 05 July 2019, vol.3, pp.622-628
5. **Fuchsian Groups and Continued Fractions**  
YAZICI GÖZÜTOK N., Zengin I., GÜLER B. Ö.  
International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 - 29 June 2018, vol.10, pp.165-168
6. **Conformable Fractional Partial Differentiation on Multidimensional Time Scales**  
YAZICI GÖZÜTOK N., GÖZÜTOK U.

INTERNATIONAL CONFERENCE ON MATHEMATICS, İstanbul, Turkey, 3 - 06 July 2018, pp.358

7. **Suborbital Graphs For a Special Subgroup of the Normalizer**

YAZICI GÖZÜTOK N., GÜLER B. Ö.

INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS (ICRAPAM2018), Trabzon, Turkey, 23 July 2018

8. **Regular Maps for Some Hecke Groups**

GÜLER B. Ö., YAZICI GÖZÜTOK N.

INTERNATIONAL CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 03 July 2018

9. **On Suborbital Graphs of the Normalizer**

YAZICI GÖZÜTOK N., GÜLER B. Ö.

INTERNATIONAL CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 03 July 2018

10. **Suborbital Graphs of Some Modular Groups**

YAZICI GÖZÜTOK N., GÜLER B. Ö.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, 10 - 12 May 2017

11. **On Continued Fractions Arising From the Normalizer**

YAZICI GÖZÜTOK N., GÜLER B. Ö.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, 10 - 12 May 2017

12. **Möüler Kongrüans Alt Grupların  $\mathbb{Q}$  Üzerindeki Grup Hareketleri**

YAZICI N., Şanlı Z., GÜLER B. Ö.

10.AKARA MATEMATİK GÜNLERİ, Ankara, Turkey, 11 June 2015

13. **On some subgroups of the modular group**

Yazıcı Gözütok N.

11.Geometri Sempozyumu, Ordu, Turkey, 1 - 05 July 2013, pp.1

14. **Hiperbolik Geometri İle Kombinatoryal Bir Uygulama**

YAZICI N.

11.GEOMETRİ SEMPOZYUMU, Ordu, Turkey, 1 - 05 July 2013

## Academic and Administrative Experience

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2022 - 2024	<b>Head of Department</b>	Marmara University, Faculty Of Sciences, Department Of Mathematics
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## Courses

Matematik ve Doğa, Undergraduate, 2023 - 2024

Matematik II, Undergraduate, 2023 - 2024

Matematik II, Undergraduate, 2023 - 2024, 2022 - 2023

Matematik I, Undergraduate, 2023 - 2024

Çizge Teorisi, Undergraduate, 2022 - 2023

Sigorta Matematiği, Undergraduate, 2022 - 2023, 2021 - 2022

Ayrık Matematik, Undergraduate, 2023 - 2024, 2022 - 2023

Matematik I, Undergraduate, 2023 - 2024

Topluma Hizmet Uygulamaları, Undergraduate, 2021 - 2022

Matematik II, Undergraduate, 2021 - 2022

Kümeler Teorisinden Konular, Postgraduate, 2022 - 2023

Matematik I, Undergraduate, 2022 - 2023

## Scientific Refereeing

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, May 2024

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, November 2023

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, September 2023

Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Online), National Scientific Refreed Journal, July 2023

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, July 2023

Journal of New Theory, Other journals, December 2022

Turkish Journal of Science & Technology, Other journals, June 2022

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, May 2022

Journal of Nonlinear Sciences and Applications, SCI Journal, February 2017

## Metrics

Publication: 32

Citation (WoS): 56

Citation (Scopus): 65

H-Index (WoS): 3

H-Index (Scopus): 3

## Research Areas

Group Theory and Generalizations, Combinatorics, Mathematical Logic and Foundations, Number Theory