

# Prof. Abdullah KOPUZLU

## Personal Information

**Web:** <https://avesis.atauni.edu.tr/akopuzlu>

**Address:** Atatürk Üniversitesi Fen Fakültesi Matematik Bölümü Erzurum

## International Researcher IDs

ScholarID: 3GbwP08AAAAJ

ORCID: 0000-0002-3622-9793

Yoksis Researcher ID: 23723

## Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik/Topoloji, Turkey 1985 - 1992

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik/Topoloji, Turkey 1985 - 1987

Undergraduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 1980 - 1984

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Kesme-Yapıştırma ve Örtü Uzayları, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 1992

Postgraduate, Döğümler Üzerinde Dehn Operasyonu, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 1987

## Research Areas

Mathematics, General Topology, Natural Sciences

## Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Matematik, 2010 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Matematik, 2004 - 2010

Assistant Professor, Ataturk University, Fen Fakültesi, Matematik, 1992 - 2004

Research Assistant, Ataturk University, Fen Fakültesi, Matematik, 1992 - 1992

## Academic and Administrative Experience

Head of Department, Ataturk University, Fen Fakültesi, Matematik, 2022 - Continues

Head of Department, Ataturk University, Fen Fakültesi, Matematik, 2018 - 2020

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 2009 - 2011

Atatürk Üniversitesi, Bayburt Meslek Yüksekokulu, 2002 - 2008

Atatürk Üniversitesi, Fen Fakültesi, Matematik, 1998 - 2002

## Courses

Abstract Mathematics I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023  
Advanced Topology II, Postgraduate, 2024 - 2025, 2023 - 2024, 2021 - 2022  
Mathematics I, Undergraduate, 2024 - 2025, 2023 - 2024, 2021 - 2022  
Differential Equations, Undergraduate, 2024 - 2025, 2022 - 2023  
Topology I, Undergraduate, 2024 - 2025, 2022 - 2023  
Calculus II, Undergraduate, 2022 - 2023

## Advising Theses

Kopuzlu A., Graflar ile Rough Kümeler Arasındaki İlişkiler ve Grafların Topolojik Yapıları Üzerine, Doctorate, H.Kübra(Student), 2020  
Kopuzlu A., Klasik Döğüm Sabitleri Üzerine, Postgraduate, G.TOKATLI(Student), 2020  
KOPUZLU A., Tutte Polinomu Üzerine, Doctorate, A.Şahin(Student), 2016  
KOPUZLU A., Soft Topolojik Uzaylarda Soft Ayırma Aksiyomları Üzerine, Doctorate, O.Göçür(Student), 2015  
KOPUZLU A., Genişlemeyen Küme Değerli Dönüşümler için Genelleştirilmiş Sabit Nokta İterasyon Şemaları, Doctorate, M.Kaplan(Student), 2014  
KOPUZLU A., Topolojik Rough Kümeleri Üzerine, Postgraduate, H.Kübra(Student), 2014  
KOPUZLU A., Döğüm ve Graf Teorinin Kimyaya Uygulamaları Üzerine, Postgraduate, G.Şenaydın(Student), 2011  
KOPUZLU A., Vassiliev Sabitleri Üzerine, Postgraduate, D.Şayan(Student), 2007  
Kopuzlu A., Lineer Kodların Bilgisayar Desteği İle Hesaplanması, Postgraduate, A.SEÇER(Student), 2006  
KOPUZLU A.,  $(2,n)$ -Tor Döğümleri Üzerine, Postgraduate, A.Şahin(Student), 2004  
KOPUZLU A., Döğüm Grafları, Doctorate, T.Uğur(Student), 2002  
KOPUZLU A., Alexander Polinomları, Postgraduate, S.Yorgancıoğlu(Student), 2000  
KOPUZLU A., Döğümlerde P Özelliği, Postgraduate, T.Uğur(Student), 1998

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Sakarya Üniversitesi, December, 2023  
Associate Professor Exam, Associate Professor Exam, Nevşehir Hacı Bektaş Veli Üniversitesi, December, 2023  
Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, May, 2023  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Kafkas Üniversitesi, February, 2023  
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Erzurum Teknik Üniversitesi, January, 2021  
Doctorate, Doctorate, Atatürk Üniversitesi, October, 2020  
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, September, 2020  
Post Graduate, Post Graduate, Atatürk Üniversitesi, March, 2020

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

- I. **On topological spaces generated by simple undirected graphs**  
SARI H. K., KOPUZLU A.  
AIMS MATHEMATICS, vol.5, no.6, pp.5541-5550, 2020 (SCI-Expanded)
- II. **A characterization of compactifications of local compact hausdorff space**

ELMALI C. S., KOPUZLU A., UĞUR T.

International Journal of Geometric Methods in Modern Physics, vol.7, no.2, pp.177-184, 2010 (SCI-Expanded)

III. **A work on torus knots  $K(p,q)$**

UĞUR T., KOPUZLU A., ŞİMŞEK H.

Applied Mathematics and Computation, vol.141, pp.395-400, 2003 (SCI-Expanded)

IV. **A method on the matrix of graph of torus knot  $k(2, q)$  and its Maple application**

KOPUZLU A., UĞUR T.

Applied Mathematics and Computation, vol.141, pp.331-338, 2003 (SCI-Expanded)

V. **Application of computer algebra to Jones polynomials**

UĞUR T., KOPUZLU A.

Applied Mathematics and Computation, vol.140, pp.361-366, 2003 (SCI-Expanded)

VI. **Geodesics in a tensor bundle**

KOPUZLU A., SALIMOV A.

Turkish Journal of Mathematics, vol.23, no.2, pp.281-286, 1999 (SCI-Expanded)

## Articles Published in Other Journals

I. **The Vertice-Centered Metric Topologies Generated From the Connected Undirected Graphs**

SARI H. K., KOPUZLU A.

Malaysian Journal of Mathematical Sciences, vol.15, no.2, pp.243-252, 2021 (ESCI)

II. **A Note on a Binary Relation Corresponding to a Bipartite Graph**

SARI H. K., KOPUZLU A.

ITM Web of Conferences, vol.22, 2019 (Peer-Reviewed Journal)

III. **The Relationship Between The Kauffman Bracket Polynomials and The Tutte Polynomials of  $(2,n)$ -Torus Knots**

ŞAHİN A., KOPUZLU A.

Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.13, pp.929-932, 2017 (Peer-Reviewed Journal)

IV. **On soft separation axioms**

KOPUZLU A., GÖÇÜR O.

Annals of Fuzzy Mathematics and Informatics, vol.9, pp.817-822, 2015 (Peer-Reviewed Journal)

V. **Some new properties on soft separation axioms**

KOPUZLU A., GÖÇÜR O.

Annals of Fuzzy Mathematics and Informatics, vol.9, pp.421-429, 2015 (Peer-Reviewed Journal)

VI. **On tutte polynomials of  $(2,N)$ -torus knots**

ŞAHİN A., KOPUZLU A., UĞUR T.

Applied Mathematical Sciences, vol.9, pp.747-759, 2015 (Scopus)

VII. **On Tutte Polynomials of  $2n$  torus Knots**

ABDÜLGANİ Ş., KOPUZLU A., UĞUR T.

Applied Math. Science, vol.9, pp.747-759, 2015 (Peer-Reviewed Journal)

VIII. **On polynomials of  $K(2,n)$  torus knots**

KOPUZLU A., ŞAHİN A., UĞUR T.

Applied Mathematical Sciences, vol.3, pp.2899-2910, 2009 (Scopus)

IX. **On Jones Polynomials of graph of torus knot  $K(2, q)$**

UĞUR T., KOPUZLU A.

International Mathematical Forum, vol.1, pp.1537-1541, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

I. **Belirli İntegral**

KOPUZLU A.

in: Matematik II, Ercan ÇELİK, Editor, Atatürk Üniversitesi Açık Öğretim Fakültesi, 2016

**II. Maksimum ve Minimum Problemleri (Optimizasyon)**

KOPUZLU A.

in: Matematik I, Sezgin AKBULUT, Editor, Atatürk Üniversitesi Açık Öğretim Fakültesi, 2016

**III. İntegral Uygulamaları**

KOPUZLU A.

in: Matematik II, Ercan Çelik, Editor, Atatürk Üniversitesi Açık Öğretim Fakültesi, Erzurum, 2016

## Refereed Congress / Symposium Publications in Proceedings

**I. On topological structures of the simple undirected graphs**

Kopuzlu A.

MATHEMATICAL ANALYSIS, DIFFERENTIAL EQUATION & APPLICATIONS - MADEA 9, Bishkek, Kyrgyzstan, 21 - 25

June 2021, pp.65

**II. Simple Undirected Graphs Topology**

SARI H. K., KOPUZLU A.

2nd International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 3 - 05 May 2019

**III. A Note on a Binary Relation Corresponding to a Bipartite Graph**

SARI H. K., KOPUZLU A.

3rd International Conference on Computational Mathematics and Engineering Sciences (CMES), Girne, Cyprus (Kktc), 4 - 06 May 2018, vol.22

## Supported Projects

YILDIRIM İ., ÇELİK E., CENGİZ N., KADIOĞLU E., ÖZDEMİR M., KOPUZLU A., UĞUR T., KÜÇÜK A., GÜLTEKİN İ., KAZAZ C., et al., Project Supported by Higher Education Institutions, Workshop on Pure and Applied Mathematics 2019, (WOPAM 2019), 2019 - 2020

## Scientific Refereeing

Caucasian Journal of Science, Other Indexed Journal, February 2022

Universities of Other Countries Supported Project, Kırgızistan-Türkiye Manas Üniversitesi, Kyrgyzstan, February 2022

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, February 2021

## Tasks In Event Organizations

Kopuzlu A., III. International Turkish World Engineering and Science Congress, Scientific Congress, Erzurum, Turkey, Ekim 2021

Kopuzlu A., 5th International Conference on Advances in Natural and Applied Sciences (ICANAS 2021), Scientific Congress, Ağrı, Turkey, Eylül 2021

Kopuzlu A., 1th International Symposium on Recent Advances in Fundamental and Applied Sciences (ISFAS-2021), Scientific Congress, Erzurum, Turkey, Eylül 2021

Kopuzlu A., Madea-9 Mathematical Analysis, Differential Equations & Applications, Scientific Congress, Bishkek, Kyrgyzstan, Haziran 2021

## **Metrics**

Publication: 24

Citation (WoS): 13

Citation (Scopus): 115

H-Index (WoS): 2

H-Index (Scopus): 4