

# Prof. Tamer UĞUR

## Personal Information

Office Phone: [+90 442 231 4315](tel:+904422314315)

Web: <https://avesis.atauni.edu.tr/tugur>

Address: Atatürk Üniversitesi Fen Fakültesi Matematik Bölümü

## International Researcher IDs

ScholarID: 1rpw53EAAAAJ

ORCID: 0000-0002-4620-870X

Yoksis Researcher ID: 28786

## Education Information

Doctorate, Ataturk University, Fen Fakültesi, Matematik, Turkey 1998 - 2002

Postgraduate, Ataturk University, Fen Fakültesi, Turkey 1995 - 1998

Undergraduate, Ataturk University, Fen Fakültesi, Matematik Bölümü, Turkey 1987 - 1992

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Düğüm Grafları, Atatürk Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2002

Postgraduate, Düğümelerde P özelliği, Atatürk Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1998

## Research Areas

Mathematics, General Topology, Natural Sciences

## Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Matematik, 2016 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Matematik, 2011 - 2016

Assistant Professor, Ataturk University, Fen Fakültesi, Matematik, 2003 - 2011

Assistant Professor, Ataturk University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 2002 - 2003

Research Assistant, Ataturk University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 1996 - 2002

## Academic and Administrative Experience

Vice Dean, Ataturk University, 2018 - 2021

## Courses

TOPOLOJİ II, Undergraduate, 2023 - 2024  
matematik II, Undergraduate, 2023 - 2024  
düşüm teorisi, Doctorate, 2023 - 2024  
MATEMAYİĞE GİRİŞ, Undergraduate, 2023 - 2024  
düşüm teorisine giriş , Postgraduate, 2022 - 2023  
ileri topoloji I, Postgraduate, 2023 - 2024  
matematik I, Undergraduate, 2023 - 2024  
MATEMATİK I, Undergraduate, 2022 - 2023  
matematik I, Undergraduate, 2021 - 2022  
DÜĞÜM TEORİSİNE GİRİŞ, Postgraduate, 2022 - 2023  
TOPOLOJİ I, Undergraduate, 2022 - 2023  
DÜĞÜM TEORİSİ I, Doctorate, 2022 - 2023  
GRAF TEORİ, Undergraduate, 2022 - 2023  
matematik I, Undergraduate, 2021 - 2022  
TOPOLOJİYE GİRİŞ, Undergraduate, 2020 - 2021  
MATEMATİK I, Undergraduate, 2020 - 2021  
CALCULUS, Undergraduate, 2021 - 2022  
DÜĞÜM TEORİSİ II, Doctorate, 2020 - 2021  
matematik I, Undergraduate, 2021 - 2022  
GRAPH THEORY, Undergraduate, 2021 - 2022  
METRİK UZAYLAR, Undergraduate, 2021 - 2022  
DÜĞÜM TEORİSİ I, Doctorate, 2020 - 2021  
MATEMATİK, Undergraduate, 2020 - 2021

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, İskenderun Teknik Üniversitesi, December, 2023  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Sakarya Üniversitesi, October, 2023  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ağrı İbrahim Çeçen Üniversitesi, September, 2023  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Bursa Teknik Üniversitesi, November, 2022  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Muğla Sıtkı Koçman Üniversitesi, April, 2022  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Atatürk Üniversitesi, January, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, July, 2020  
Doctorate, Doctorate, Atatürk Üniversitesi, June, 2020  
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, May, 2020

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

- THE DI-TOPOLOGICAL TEXTURE GRAPHS**  
KUNDURACI T., Elmali C., UĞUR T.  
THERMAL SCIENCE, vol.26, 2022 (SCI-Expanded)

- II. **On some dicardinal functions in ditopological texture spaces**  
POLAT K., UĞUR T.  
OPEN MATHEMATICS, vol.13, 2015 (SCI-Expanded)
- III. **Fan-Gottesman compactification of some specific spaces is Wallman-type compactification**  
UĞUR T.  
Chaos,CHAOS SOLITONS & FRACTALS, vol.42, pp.17-19, 2014 (SCI-Expanded)
- IV. **FG-morphisms and FG-extensions**  
Elmalı C. S., UĞUR T.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.43, no.6, pp.915-922, 2014 (SCI-Expanded)
- V. **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)
- VI. **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)
- VII. **Application of computer algebra to Jones polynomials**  
UĞUR T., KOPUZLU A.  
Applied Mathematics and Computation, vol.140, pp.361-366, 2003 (SCI-Expanded)
- VIII. **A Method on matrix of graph of torus knot  $K(2,q)$**   
UĞUR T.  
APPLIED MATHEMATICS AND COMPUTATION, vol.141, pp.331-338, 2003 (SCI-Expanded)

### Articles Published in Other Journals

- I. **A Work On Bitopologies Associated With Knots**  
yalaz f., ugur t., Elmalı C. S.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.2105-2119, 2023 (Peer-Reviewed Journal)
- II. **Fan-Gottesman Compactification and Scattered Spaces**  
Elmalı C. S., Uğur T.  
Applied Mathematics and Nonlinear Sciences, vol.5, no.1, pp.475-478, 2020 (ESCI)
- III. **FAN-GOTTESMAN COMPACTIFICATIONS AND STONE SPACE**  
ELMALI C. S., UĞUR T.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.10, no.2, pp.143-147, 2019 (ESCI)
- IV. **Fan-Gottesman Compactification and Completeness**  
ELMALI C. S., UĞUR T.  
Journal of Mathematics and Statistical Science, vol.3, pp.304-310, 2017 (Peer-Reviewed Journal)
- V. **Normal Base Of Ditopological Texture Space And Its Wallman-Type Compactification**  
ÖZKAN K., ELMALI C. S., UĞUR T.  
Journal of Advanced Studies in Topology, vol.8, pp.1-8, 2017 (Peer-Reviewed Journal)
- VI. **Some Classifications of Ditopological Texture Spaces via Cardinal Functions**  
POLAT K., UĞUR T.  
International Journal of Engineering and Applied Sciences, 2015 (Peer-Reviewed Journal)
- 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. **Weak Reflection and Remainders in Compactification**  
ELMALI C. S., UĞUR T.  
Palestine journal of Mathematics, vol.3, pp.289-292, 2014 (Scopus)
- IX. **Compactifications and F-Spectral Spaces**

- ELMALI C. S., UĞUR T.  
Jordan Journal of Math. and Statistic, vol.7, pp.15-28, 2014 (ESCI)
- X. **Some Results Concerning Compactifications Submaximal Spaces Spectral Spaces and Primitive Words**  
UĞUR T., ELMALI C. S.  
Far East Journal of Mathematical Sciences, vol.42, pp.93-107, 2010 (Scopus)
- XI. **The Diagram Polynomial of  $K_n \times K_n$  Matting Knot**  
KÜÇÜK A., UĞUR T.  
Int. Journal Contemp. Math. Sciences, vol.3, pp.435-441, 2008 (Peer-Reviewed Journal)
- XII. **On Jones Polynomials of graph of torus knot  $K_2 \times K_2$**   
UĞUR T., KOPUZLU A.  
International Mathematical Forum, vol.1, pp.1537-1541, 2006 (Peer-Reviewed Journal)
- XIII. **On The Braid For 105 Knot**  
ŞİMŞEK H., UĞUR T.  
Erciyes University Journal of The Institute of Science and Technology, vol.18, pp.82-86, 2002 (Peer-Reviewed Journal)
- XIV. **On the Braids for 105 knot**  
ŞİMŞEK H., UĞUR T., KÜÇÜK A.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.18, pp.82-86, 2002 (Peer-Reviewed Journal)
- XV. **On Knot Graphs**  
Uğur T., Şimşek H.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.18, pp.87-91, 2002 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Some Indexes for Ditopological Texture Graphs**  
KUNDURACI T., UĞUR T.  
2nd INTERNATIONAL SYMPOSIUM ON CURRENT DEVELOPMENTS IN FUNDAMENTAL AND APPLIED MATHEMATICS SCIENCES, Ankara, Turkey, 14 - 17 November 2023
- II. **TEXTURE SPACE ASSOCIATED WITH GRAPHS**  
KUNDURACI T., ELMALI C. S., UĞUR T.  
The sixth International Conference on Computational Mathematics and Engineering Sciences (CMES2022), Ordu, Turkey, 20 May 2022
- III. **DITOLOGIES ASSOCIATED WITH TEXTURE GRAPHS**  
KUNDURACI T., ELMALI C. S., UĞUR T.  
9th International Conference on Mathematical Analysis, Differential Equations & Applications, 21 June 2021
- IV. **ON TEXTURE GRAPHS**  
KUNDURACI T., ELMALI C. S., UĞUR T.  
5th International Conference on Computational Mathematics and Engineering Sciences, 08 June 2021
- V. **Çözülebilir Uzaylar ve Fan-Gottesman Kompaktlaştırması**  
ELMALI C. S., UĞUR T.  
Ankara Matematik Günleri 2019(AMG2019)Gazi Üniversitesi,(2019), Turkey, 28 - 29 June 2019
- VI. **Fan-Gottesman Compactification and Scattered Space**  
ELMALI C. S., UĞUR T.  
4th International Conference on Computational Mathematics and Engineering Science (CMES2019), Akdeniz University,(2019), 20 - 22 April 2019
- VII.  **$K(2,n)$  TORUS KNOTS AND BİTOPOLOGICAL SET-INDEXERS**  
KUNDURACI T., UĞUR T., ELMALI C. S.  
4th International Conference on Computational Mathematics and Engineering Sciences, 20 April 2019
- VIII. **TOPOLOGICAL SET-INDEXER OF DİGRAPHS OF KNOTS**  
KUNDURACI T., ELMALI C. S., UĞUR T.

International Conference on Applied Analysis and Mathematical Modeling, 10 March 2019

- IX. **A new method for knot graph**  
YALAZ F., UĞUR T., ELMALI C. S.  
ICAAM 2018, 20 June - 24 September 2018
- X. **Yönlendirilmiş  $(2,n)$ Tor düğümlerinin Topolojik küme değeri üzerine bir çalışma**  
UĞUR T., ELMALI C. S., KUNDURACI T.  
XXX1. ULUSAL MAT KONGRESİ, Erzincan, Turkey, 12 - 15 September 2018
- XI. **YÖNLENDİRİLMİŞ  $(2,n)$  TOR DÜĞÜMLERİNİN TOPOLOJİK KÜME-DEĞERİ ÜZERİNE BİR ÇALIŞMA**  
KUNDURACI T., ELMALI C. S., UĞUR T.  
31. Ulusal Matematik Sempozyumu, 12 September 2018
- XII. **Some Results About Submaximal Spaces, Weakly Submaximal Spaces and Fan-Gottesman Compactification**  
ELMALI C. S., UĞUR T.  
IFSCOM 2018, Kahramanmaraş, Turkey, 5 - 09 September 2018
- XIII. **A Work On set indexers of regular diagrams of knots**  
KUNDURACI T., ELMALI C. S., UĞUR T.  
IFSCOM 2018, Kahramanmaraş, Turkey, 5 - 09 September 2018
- XIV. **A WORK ON SET-INDEXERS OF REGULAR DIAGRAMS OF KNOTS**  
KUNDURACI T., UĞUR T., ELMALI C. S.  
IFSCOM2018: 5th IFS and Contemporary Mathematics Conference, 05 September 2018
- XV. **TOPOLOGICAL SET-INDEXER OF GRAPHS OF KNOTS**  
KUNDURACI T., ELMALI C. S., UĞUR T.  
7th International Conference on Applied Analysis and Mathematical Modeling, 20 June 2018
- XVI. **The Reverse Operation Of Knot Digraph Notation**  
UĞUR T., ELMALI C. S., YALAZ F.  
CMES 2018, Girne, Cyprus (Kktc), 4 - 06 May 2018, vol.22, pp.1031
- XVII. **Fan-Gottesman Compactification and Stone Space**  
ELMALI C. S., UĞUR T.  
International Conference on Mathematical Advances and Application, ICOMAA2018, 3 - 05 May 2018
- XVIII. **On New Knot Tables**  
ELMALI C. S., UĞUR T., KUNDURACI T.  
3rd International Conference on Computational Mathematics and Engineering Sciences (CMES), Girne, Cyprus (Kktc), 4 - 06 May 2018, vol.22
- XIX. **Wallman-Type Compactifications and Spectral Spaces**  
ELMALI C. S., UĞUR T.  
4th International Conference on Pure and Applied Sciences: Renewable Energy, İstanbul, Turkey, 23 - 25 November 2017
- XX. **A work On The Knot digraphs and Its Bitopologies**  
ELMALI C. S., UĞUR T.  
the International Conference in Functional Analysis dedicated to the 125th anniversary of Stefan Banach, Lviv, Ukraine, 18 September - 23 July 2017
- XXI. **A WORK ON DIMETRICS IN TEXTURE SPACES**  
CİHAN H. M., UĞUR T., ELMALI C. S.  
Int. Conference on App. Analysis and Math. Modeling, ICAAMM17, İstanbul, Turkey, 3 - 07 July 2017
- XXII. **The Graph Concept on Texture Spaces**  
UĞUR T., ELMALI C. S.  
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, İstanbul, Turkey, 3 - 07 July 2017
- XXIII. **Fan-Gottesman Compactification and Approximation**  
ELMALI C. S., UĞUR T.  
International Conference on Mathematics and Mathematics Education (ICMME-2018), 11 - 13 May 2017

- XXIV. **Fan-Gottesman Compactication and Completeness**  
ELMALI C. S., UĞUR T.  
ICOME-2017 International Conference on Mathematics and Engineering , YTU, Istanbul, Turkey, 10 - 12 May 2017
- XXV. **On The Bitopologies Associated with The Knot Digraphs**  
ELMALI C. S., UĞUR T., KUNDURACI T.  
2th International Conference on Advances in Natural and Applied Sciences, 18 April 2017
- XXVI. **On the Bitopologies associated with the knot digraph**  
ELMALI C. S., KUNDURACI T., UĞUR T.  
ICANAS 2017, 18 - 21 April 2017
- XXVII. **Some properties of Bitopologiesby knot digraph notation**  
UĞUR T., YALAZ F., ELMALI C. S.  
ICANAS 2017, 18 - 21 April 2017
- XXVIII. **FG Morphisms and Their Some Properties**  
ELMALI C. S., UĞUR T.  
IV. International Eurasian Conference on Mathematics Sciences and Applications., Atina, Greece, 24 August 2015 - 29 August 2014
- XXIX. **A Work On The Cardinal Functions**  
POLAT K., ELMALI C. S., UĞUR T.  
III. International Eurasian Conference on Mathematics Sciences and Applications, Vienna, Austria, 02 September 2013

## Supported Projects

YILDIRIM F., KAPLAN A., AKBULUT K., CENGİZ N., SUBAŞI M., UĞUR T., KARAMAN Ç., TAŞ S., ŞENER KILIÇ S. Ş., KARABACAK M., et al., Project Supported by Higher Education Institutions, II. Uluslararası Temel ve Uygulamalı Matematik Bilimlerindeki Güncel Gelişmeler Sempozyumu, 2023 - 2024

YILDIRIM F., KARAMAN Ç., SARAÇ Y., BAKIRTAŞ Ş., AKTAY M., ŞENER KILIÇ S. Ş., GÖKKAYA E. S., TAŞ S., YURTTANÇIKMAZ S., CENGİZ N., et al., Project Supported by Higher Education Institutions, Teorik ve Uygulamalı Matematik Bilimleri Sempozyumu, 2021 - 2022

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

## Metrics

Publication: 53

Citation (WoS): 31

Citation (Scopus): 30

H-Index (WoS): 2

H-Index (Scopus): 2