

Doç. Dr. AYSUN YURTTAŞ GÜNEŞ

Kişisel Bilgiler

İş Telefonu: [+90 224 294 1769](tel:+902242941769)

E-posta: ayurttas@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/ayurttas>

Posta Adresi: Bursa Uludağ Üniversitesi Fen-Edebiyat Fakültesi Matematik Bölümü Oda No:137 16059 Görükle Nilüfer/BURS

Uluslararası Araştırmacı ID'leri

ScholarID: 6SO9120AAAAJ

ORCID: 0000-0001-8873-1999

Publons / Web Of Science ResearcherID: AAG-8470-2021

ScopusID: 37090056000

Yoksis Araştırmacı ID: 156622

Eğitim Bilgileri

Doktora, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (Dr), Türkiye 2009 - 2014

Yüksek Lisans, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (YI) (Tezli), Türkiye 2005 - 2008

Lisans, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, Türkiye 2000 - 2004

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Graf operasyonlarının Zagreb ve çarpımsal Zagreb indeksleri, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (Dr), 2014

Yüksek Lisans, Kimya ve Grup Teori, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (YI) (Tezli), 2008

Araştırma Alanları

Grup Teorisi ve Genellemeler, Kombinatorik

Akademik Unvanlar / Görevler

Doç. Dr., Bursa Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik, 2024 - Devam Ediyor

Dr. Öğr. Üyesi, Bursa Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Matematik, 2021 - 2024

Araştırma Görevlisi, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2006 - 2021

verdiği Dersler

Yüksek Lisans Uzmanlık Alan Dersi IV, Yüksek Lisans, 2023 - 2024

Metrik Uzaylar, Lisans, 2023 - 2024, 2022 - 2023

ANALİZ IV, Lisans, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Calculus II, Lisans, 2023 - 2024, 2021 - 2022

Tez Danışmanlığı IV, Yüksek Lisans, 2023 - 2024

Tez Danışmanlığı II, Yüksek Lisans, 2022 - 2023

Matematik I, Lisans, 2023 - 2024, 2022 - 2023

Topolojik Graf İndeksleri II, Yüksek Lisans, 2022 - 2023

Tez Danışmanlığı III, Yüksek Lisans, 2023 - 2024

Yüksek Lisans Uzmanlık Alan Dersi III, Yüksek Lisans, 2023 - 2024

Genelleştirilmiş Polinomlar II, Yüksek Lisans, 2022 - 2023

Yüksek Lisans Uzmanlık Alan Dersi II, Yüksek Lisans, 2022 - 2023

Analiz III, Lisans, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Yüksek Lisans Uzmanlık Alan Dersi I, Yüksek Lisans, 2022 - 2023

Tez Danışmanlığı I, Yüksek Lisans, 2022 - 2023

Temel Matematik I, Lisans, 2022 - 2023

Topolojik Graf İndeksler I, Yüksek Lisans, 2022 - 2023

Matematik, Lisans, 2020 - 2021, 2019 - 2020, 2018 - 2019

Matematik II, Lisans, 2020 - 2021

Matematik II, Lisans, 2020 - 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The Effect of Vertex and Edge Removal on Sombor Index**
YURTTAŞ GÜNEŞ A., ÖZDEN AYNA H., CANGÜL İ. N.
SYMMETRY-BASEL, cilt.16, sa.2, 2024 (SCI-Expanded)
- II. **The Effect of Edge and Vertex Deletion on Omega Invariant**
Delen S., Togan M., Yurttaş Güneş A., Ana U., Cangül İ. N.
Applicable Analysis And Discrete Mathematics, cilt.14, sa.3, ss.1-11, 2020 (SCI-Expanded)
- III. **Fibonacci Graphs**
Gunes A., Delen S., Demirci M., Cevik A. S., Cangül İ. N.
SYMMETRY-BASEL, cilt.12, sa.9, 2020 (SCI-Expanded)
- IV. **Matching number and characteristic polynomial of a graph**
Yurttaş Güneş A., Demirci M., Oz M. S., Cangül İ. N.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, cilt.14, ss.993-999, 2020 (SCI-Expanded)
- V. **Inverse Problem for Bell Index**
Togan M., Yurttaş A., Sanli U., Celik F., Cangül İ. N.
FILOMAT, cilt.34, sa.2, ss.615-621, 2020 (SCI-Expanded)
- VI. **Cut vertex and cut edge problem for topological graph indices**
Gunes A., Togan M., Celik F., Cangül İ. N.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, cilt.13, sa.1, ss.1175-1183, 2019 (SCI-Expanded)
- VII. **Inverse problem for Zagreb indices**
Yurttaş A., Togan M., Loksha V., CANGÜL İ. N., Gutman I.
JOURNAL OF MATHEMATICAL CHEMISTRY, cilt.57, sa.2, ss.609-615, 2019 (SCI-Expanded)
- VIII. **Inverse Problem for Sigma Index**
Gutman I., Togan M., Yurttaş A., ÇEVİK A. S., CANGÜL İ. N.
MATCH-COMMUNICATIONS IN MATHEMATICAL AND IN COMPUTER CHEMISTRY, cilt.79, sa.2, ss.491-508, 2018 (SCI-Expanded)
- IX. **On the first Zagreb index and multiplicative Zagreb coindices of graphs**
Das K. C., AKGÜNEŞ N., Togan M., Yurttaş A., CANGÜL İ. N., ÇEVİK A. S.

ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, cilt.24, sa.1, ss.153-176, 2016 (SCI-Expanded)

- X. **The multiplicative Zagreb indices of graph operations**
Das K. C., Yurttas A., Togan M., Çevik A. S., Cangül İ. N.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- XI. **Determining the minimal polynomial of $\cos(2\pi/n)$ over \mathbb{Q} with Maple**
Özgür B., YURTTAŞ A., CANGÜL İ. N.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, cilt.1479, ss.368-370, 2012 (SCI-Expanded)
- XII. **Some properties of the minimal polynomials of $2\cos(\pi/q)$ for odd q**
Özgür B., DEMİRCİ M., YURTTAŞ A., CANGÜL İ. N.
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, cilt.1389, ss.353-356, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **The Effect Of Omega Invariant On Some Topological Graph Indices**
DEMİRCİ M., YURTTAŞ GÜNEŞ A., Delen S., CANGÜL İ. N.
Creative Mathematics and Informatics, cilt.30, sa.2, ss.175-180, 2021 (Hakemli Dergi)
- II. **Distance Eccentric Connectivity Index of Graphs**
Alqesmah A., Saleh A., Rangarajan R., Yurttaş Güneş A., Cangül İ. N.
KYUNGPOOK MATHEMATICAL JOURNAL, cilt.61, sa.1, ss.61-74, 2021 (ESCI)
- III. **Some degree-based topological indices of triphenylene polyester**
TOGAN M., YURTTAŞ GÜNEŞ A., DEMİRCİ M., CANGÜL İ. N.
Indonesian Journal of Combinatorics, cilt.5, sa.1, ss.26-34, 2021 (Hakemli Dergi)
- IV. **Harmonic Index and Zagreb Indices of Vertex-Semitotal Graphs**
Yurttaş Güneş A., Togan M., Demirci M., Cangül İ. N.
European Journal of Pure and Applied Mathematics, cilt.13, sa.5, ss.1260-1269, 2020 (ESCI)
- V. **Topological Indices of Dopamine**
YURTTAŞ GÜNEŞ A.
Montes Taurus J. Pure Appl. Math., cilt.2, sa.1, ss.63-68, 2020 (Hakemli Dergi)
- VI. **Omega invariant of the line graphs of unicyclic graphs**
Togan M., Yurttaş Güneş A., Delen S., Cangül İ. N.
Montes Taurus Journal of Pure and Applied Mathematics, cilt.2, sa.2, ss.45-48, 2020 (Hakemli Dergi)
- VII. **Certain Topological Indices of Some Derived Graphs**
Yurttaş Güneş A., Togan M., Demirci M., Cangül İ. N.
Turkish Journal of Analysis and Number Theory, cilt.8, sa.4, ss.75-79, 2020 (Hakemli Dergi)
- VIII. **Connectedness of Graphs and Omega Invariant**
CANGÜL İ. N., YURTTAŞ GÜNEŞ A., Togan M., Delen S.
MICOPAM Proceedings Book, ss.59-62, 2019 (Hakemli Dergi)
- IX. **Effect of Edge Deletion and Addition on Zagreb Indices of Graphs**
Togan M., Yurttaş Güneş A., Çevik A. S., Cangül İ. N.
Mathematical Methods in Engineering, Theoretical Aspects, Nonlinear Systems and Complexity, cilt.23, ss.191-201, 2019 (Hakemli Dergi)
- X. **ZAGREB INDICES AND MULTIPLICATIVE ZAGREB INDICES OF DOUBLE GRAPHS OF SUBDIVISION GRAPHS**
Togan M., Yurttas A., Cevik A. S., CANGÜL İ. N.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.9, sa.2, ss.404-412, 2019 (ESCI)
- XI. **DEGREE BASED TOPOLOGICAL INDICES OF SANIDIC POLYAMIDES**
YURTTAŞ A.
MATI (Mathematical Aspects of Topological Indices), cilt.1, sa.2, ss.64-72, 2019 (Hakemli Dergi)
- XII. **Inverse problem for the first entire Zagreb index**

- Togan M., YURTTAŞ A., CANGÜL İ. N.
Advanced Studies in Contemporary Mathematics, cilt.29, sa.2, ss.161-169, 2019 (Scopus)
- XIII. **Omega Invariant of Graphs and Cyclicity**
Delen S., YURTTAŞ A., Togan M., CANGÜL İ. N.
Applied Sciences, cilt.21, ss.91-95, 2019 (Scopus)
- XIV. **Zagreb Indices of Graphs with Added Edges**
YURTTAŞ A., TOGAN M., CANGÜL İ. N.
Proceedings of the Jangjeon Mathematical Society, cilt.21, sa.3, ss.385-392, 2018 (Scopus)
- XV. **New Results on Edge and Vertex Deletion in Graphs**
Delen S., Togan M., YURTTAŞ A., CANGÜL İ. N.
MICOPAM Proceedings Book, ss.175-179, 2018 (Hakemli Dergi)
- XVI. **Omega Invariant and Its Applications in Graph Theory**
YURTTAŞ A., Togan M., Delen S., CANGÜL İ. N.
MICOPAM Proceedings Book, ss.86-90, 2018 (Hakemli Dergi)
- XVII. **Relations between the first and second Zagreb indices of subdivision graphs**
YURTTAŞ A., TOGAN M., CANGÜL İ. N.
Advanced Studies in Contemporary Mathematics, cilt.28, sa.3, ss.337-346, 2018 (Scopus)
- XVIII. **Zagreb and multiplicative Zagreb indices of r-subdivision graphs of double graphs**
Togan M., Yurttas A., Cangül İ. N.
Scientia Magna, cilt.12, sa.1, ss.115-119, 2017 (Hakemli Dergi)
- XIX. **Zagreb indices and multiplicative Zagreb indices of subdivision graphs of double graphs**
YURTTAŞ A., Togan M., CANGÜL İ. N.
Advanced Studies in Contemporary Mathematics, cilt.26, sa.3, ss.407-416, 2016 (Scopus)
- XX. **All versions of Zagreb indices and coindices of subdivision graphs of certain graph types**
Togan M., Yurttas A., Cangül İ. N.
Advanced Studies in Contemporary Mathematics, cilt.26, sa.1, ss.227-236, 2016 (Scopus)
- XXI. **Some formulae and inequalities on several Zagreb indices of r subdivision graphs**
YURTTAŞ A., Togan M., CANGÜL İ. N.
Enlightments of Pure and Applied Mathematics (EPAM), cilt.1, sa.1, ss.29-45, 2015 (Hakemli Dergi)
- XXII. **Determining the minimal polynomial of $\cos(2\pi/n)$ over \mathbb{Q} with Maple**
Özgür B., Yurttas Güneş A., Cangül İ. N.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., cilt.1479, ss.368-370, 2012 (Hakemli Dergi)
- XXIII. **Calculation of the minimal polynomial of $2\cos(\pi/n)$ over \mathbb{Q} with Maple, Numerical Analysis and Applied Mathematics,**
Yurttas Güneş A., Özgür B., Cangül İ. N.
AIP Conf. Proc, cilt.1479, ss.371-374, 2012 (Hakemli Dergi)
- XXIV. **Some Formulae for the Zagreb Indices of Graphs**
Cangül İ. N., Yurttas Güneş A., Togan M., Çevik A. S.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., cilt.1479, ss.365-367, 2012 (Hakemli Dergi)
- XXV. **Classification of normal subgroups of Hecke group H_6 in terms of parabolic class number**
Yurttas Güneş A., Demirci M., Cangül İ. N.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., cilt.1389, ss.315-316, 2011 (Hakemli Dergi)
- XXVI. **Upper bounds for the level of normal subgroups of Hecke groups**
Demirci M., Yurttas Güneş A., Cangül İ. N.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., cilt.1389, ss.337-340, 2011 (Hakemli Dergi)
- XXVII. **Some properties of the minimal polynomials of $2\cos(\pi/q)$ for odd q**
Özgür B., Demirci M., Yurttas Güneş A., Cangül İ. N.
Numerical Analysis and Applied Mathematics, AIP Conf. Proc., cilt.1389, ss.353-356, 2011 (Hakemli Dergi)
- XXVIII. **Determination of Genus of Normal Subgroups of Discrete Groups**
Cangül İ. N., Demirci M., Yurttas Güneş A., Güzel Karpuz E., Ateş F.
Numerical Analysis and Applied Mathematics, cilt.1281, ss.1148-1151, 2010 (Hakemli Dergi)

XXIX. Bernoulli-Frey Elliptic Curves

İnam İ., Yurttaş Güneş A., Bizim O., Cangül İ. N.

Advances and Applications in Mathematical Sciences, cilt.2009, ss.1-5, 2009 (ESCI)

Kitap & Kitap Bölümleri

I. Effect of Edge Deletion and Addition on Zagreb Indices of Graphs

TOGAN M., YURTTAŞ A., ÇEVİK A. S., CANGÜL İ. N.

Mathematical Methods in Engineering-Theoretical Aspects, K. TAS, D. BALEANU, J. A. T. MACHADO, Editör, SPRINGER, ss.191-201, 2019

II. BOUNDS ON SUBDIVISION AND r -SUBDIVISION GRAPHS AND DEGREE BASED GRAPH INDICES

Cangül İ. N., Yurttaş A., Togan M., Çevik A. S.

BOUNDS IN CHEMICAL GRAPH THEORY-ADVANCES, I. GUTMAN, B. FURTULA, K. Ch. DAS, E. MILOVANOVIC, I. MILOVANOVIC, Editör, MATHEMATICAL CHEMISTRY MONOGRAPHS, Kragujevac, ss.233-254, 2017

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Remarks on line graphs related to omega invariant

ÖZDEN AYNA H., URLU ÖZALAN N., YURTTAŞ GÜNEŞ A., CANGÜL İ. N.

13th Symposium on Generating Functions of Special Numbers and Polynomials and their Applications, Antalya, Türkiye, 11 - 13 Mart 2023

II. The number of realizations of a degree sequence

CANGÜL İ. N., ÖZDEN AYNA H., YURTTAŞ GÜNEŞ A., URLU ÖZALAN N., ÇEVİK A. S.

13th Symposium on Generating Functions of Special Numbers and Polynomials and their Applications, Antalya, Türkiye, 11 - 13 Mart 2023

III. Degree Sequences and Omega Invariant

ÖZDEN AYNA H., YURTTAŞ GÜNEŞ A., CANGÜL İ. N.

International Conference of Multidisciplinary Research, Karnataka, Hindistan, 22 Kasım 2022, ss.34

IV. Realizability Properties of Some Sets of Integers

YURTTAŞ GÜNEŞ A., ÖZDEN AYNA H., CANGÜL İ. N.

International Conference of Multidisciplinary Research, Karnataka, Hindistan, 22 - 24 Kasım 2022, ss.35

V. Recent Developments on Graph Invariants

CANGÜL İ. N., TOGAN M., YURTTAŞ GÜNEŞ A., DELEN S.

International Conference on Advances in Mathematics and Computing-2020, Odisha, Hindistan, 7 - 08 Şubat 2020, ss.6-8

VI. New Applications of the Graph Invariant Omega

CANGÜL İ. N., YURTTAŞ GÜNEŞ A., TOGAN M., DELEN S.

International Conference on Advanced Mathematical Analysis and Its Applications (ICAMAA-2020), Odisha, Hindistan, 4 - 05 Şubat 2020

VII. New applications of omega invariant

Cangül İ. N., Yurttaş Güneş A., Togan M., Delen S.

Third International Conference on Current Scenario on Pure and Applied Mathematics (ICCSAM-2020), Tamil Nadu, Hindistan, 30 - 31 Ocak 2020, ss.29

VIII. Recent combinatorial and graph theoretical applications of omega invariant

CANGÜL İ. N., YURTTAŞ GÜNEŞ A., TOGAN M., DELEN S.

First International Conference on Mathematical Techniques and Applications (ICMTA-2020), Tamil Nadu, Hindistan, 30 Ocak - 01 Şubat 2020, ss.2-6

IX. New applications of omega invariant

Cangül İ. N., Togan M., Yurttaş Güneş A., Delen S.

Third International Conference on Current Scenario on Pure and Applied Mathematics (ICCSPAM-2020), , Tamil Nadu, Hindistan, 30 - 31 Ocak 2020, ss.1-5

- X. **New applications of omega invariant**
Cangül İ. N., Yurttaş Güneş A., Togan M., Delen S.
Third International Conference on Current Scenario on Pure and Applied Mathematics (ICCSPAM-2020), Tamil Nadu, Hindistan, 30 - 31 Ocak 2020, ss.1-4
- XI. **Connectedness of Graphs and Omega Invariant**
Cangül İ. N., Yurttaş A., Togan M., Delen S.
The 2nd Mediterranean International Conference of Pure Applied Mathematics and Related Areas(MICOPAM2019), Paris, Fransa, 28 - 31 Ağustos 2019, cilt.1, ss.59-62
- XII. **New Topological Results on Omega Invariant**
Cangül İ. N., Yurttaş A., Togan M., Delen S.
The 2nd Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Paris, Fransa, 28 - 31 Ağustos 2019
- XIII. **Omega Invariant and Its Applications on Topological Graph Theory**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
3rd International Conference entitled Operators in General Morrey-Type Spaces and Applications (OMTSA 2019), Kütahya, Türkiye, 16 - 20 Temmuz 2019
- XIV. **New Applications of Omega Invariant**
Cangül İ. N., Yurttaş A., Togan M.
Journées Arithmétiques, İstanbul, Türkiye, 1 - 05 Temmuz 2019
- XV. **Applications of Omega Invariant in Graph Theory and Topology**
Cangül İ. N., Delen S., Togan M., Yurttaş A.
International Conference on Number Theory and Graph Theory, Karnataka, Hindistan, 27 - 29 Haziran 2019
- XVI. **Omega Invariant for Graphs**
Cangül İ. N., Yurttaş A., Togan M., Delen S.
Second International Conference on Global Advancement of Mathematics (GAM 2019), Karnataka, Hindistan, 25 - 26 Haziran 2019
- XVII. **Applications of Omega Invariant in Several Areas in Graphs and Combinatorics**
Cangül İ. N., Togan M., Yurttaş Güneş A., Delen S.
Seminar at Reva University School of Applied Sciences, Karnataka, Hindistan, 24 Haziran 2019
- XVIII. **Applications of Omega Invariant in Graph Theory and Topology II**
Cangül İ. N., Delen S., Togan M., Yurttaş Güneş A.
Seminar at Christ University, Karnataka, Hindistan, 23 Haziran 2019
- XIX. **Applications of Omega Graph Invariant**
Cangül İ. N., Togan M., Yurttaş A., Delen S.
International Conference on Recent Trends in Mathematics, Karnataka, Hindistan, 27 - 29 Aralık 2018
- XX. **Applications of Omega Graph Invariant**
Cangül İ. N., Togan M., Yurttaş Güneş A., Delen S.
International Conference on Recent Trends in Mathematics, K. L. E. Society's Raja Lakhamagouda Science Institute, Karnataka, Hindistan, 27 - 29 Aralık 2018
- XXI. **Omega Invariant and Its Applications in Graph Theory**
Yurttaş A., Togan M., Delen S., Cangül İ. N.
The Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Dedicated to Professor Gradimir V. Milovanović on the Occasion of his 70th Anniversary, Antalya, Türkiye, 26 - 29 Ekim 2018, cilt.1, ss.86-90
- XXII. **New Results on Edge and Vertex Deletion in Graphs**
Delen S., Togan M., Yurttaş A., Cangül İ. N.
The Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Dedicated to Professor Gradimir V. Milovanović on the Occasion of his 70th Anniversary, Antalya, Türkiye, 26 - 29 Ekim 2018, ss.175-179

- XXIII. **Fundamental Forms and Omega Invariant of Graphs**
Delen S., Togan M., Yurttaş A., Cangül İ. N.
The Mediterranean International Conference of Pure Applied Mathematics and Related Areas dedicated to Professor Gradimir V. Milovanovic on the Occasion of his 70th anniversary, Antalya, Türkiye, 26 - 29 Ekim 2018
- XXIV. **Omega Invariant and Its Applications in Graph Theory**
Cangül İ. N., Yurttaş Güneş A., Togan M., Delen S.
The Mediterranean International Conference of Pure & Applied Mathematics and Related Areas dedicated to Professor Gradimir V. Milovanovic on the Occasion of his 70th anniversary, Antalya, Türkiye, 26 - 29 Ekim 2018, ss.86-90
- XXV. **Fundamental Forms and Omega Invariant of Graphs**
Delen S., Togan M., Yurttaş Güneş A., Cangül İ. N.
The Mediterranean International Conference of Pure & Applied Mathematics and Related Areas dedicated to Professor Gradimir V. Milovanovic on the Occasion of his 70th anniversary, Antalya, Türkiye, 26 - 29 Ekim 2018, ss.175-179
- XXVI. **Some applications of a new graph invariant omega**
Cangül İ. N., Delen S., Togan M., Yurttaş A.
2nd International Conference on Applied Mathematics and Numerical Methods, Craiova, Romanya, 19 - 20 Ekim 2018
- XXVII. **Some applications of a new graph invariant omega**
Cangül İ. N., Delen S., Togan M., Yurttaş Güneş A.
2nd International Conference on Applied Mathematics and Numerical Methods, Craiova, Romanya, 19 - 20 Ekim 2018, ss.61
- XXVIII. **Molecular Applications of Graph Indices**
Cangül İ. N., Yurttaş A., Togan M.
International Conference on Applied Mathematics, Modeling and Life Science Problems, İstanbul, Türkiye, 3 - 05 Ekim 2018
- XXIX. **Omega Invariant of Graphs**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
International Congress of Mathematicians, Rio De Janeiro, Brezilya, 1 - 09 Ağustos 2018
- XXX. **Inverse Problem for the Second Zagreb Index, Forgotten Index, Hyper-Zagreb Index and Sigma Index**
Yurttaş A., Togan M., Cangül İ. N.
International Congress of Mathematicians (ICM 2018), Rio De Janeiro, Brezilya, 1 - 09 Ağustos 2018
- XXXI. **Omega Invariant of Graphs**
Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.
International Congress of Mathematicians, Rio De Janeiro, Brezilya, 1 - 09 Ağustos 2018
- XXXII. **Inverse Problem for the Second Zagreb Index, Forgotten Index, Hyper-Zagreb Index and Sigma Index**
Yurttaş Güneş A., Togan M., Cangül İ. N.
International Congress of Mathematicians, Rio De Janeiro, Brezilya, 1 - 09 Ağustos 2018
- XXXIII. **Inverse Problem for Some Topological indices**
Yurttaş Güneş A., Togan M., Cangül İ. N.
World Meeting for Women in Mathematics, Rio De Janeiro, Brezilya, 31 Temmuz 2018
- XXXIV. **New Properties of Realizations of Degree Sequences**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
Graphs, groups, and more: celebrating Brian Alspach's 80th and Dragan Marušič's 65th birthdays, Koper, Slovenya, 28 Mayıs - 01 Haziran 2018
- XXXV. **New Properties of Realizations of Degree Sequences**
Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.
Graphs, groups, and more: celebrating Brian Alspach's 80th and Dragan Marušič's 65th birthdays, Koper, Slovenya, 28 Mayıs - 01 Haziran 2018

- XXXVI. **A New Graph Theoretical Invariant in Terms of Degree Sequence**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
The 14th Serbian Mathematical Congress (14th SMAK), Kragujevac, Sırbistan, 16 - 19 Mayıs 2018
- XXXVII. **A New Graph Theoretical Invariant in Terms of Degree Sequence**
Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.
The 14th Serbian Mathematical Congress (14th SMAK), Kragujevac, Sırbistan, 16 - 19 Mayıs 2018, ss.107
- XXXVIII. **Fundamental Form of a Graph**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
3rd International Conference on Computational Mathematics and Engineering Sciences, Girne, Kıbrıs (Kkct), 4 - 06 Mayıs 2018
- XXXIX. **Fundamental Form of a Graph**
Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.
3rd International Conference on Computational Mathematics and Engineering Sciences, Girne, Kıbrıs (Kkct), 04 Mayıs 2018, ss.1
- XL. **Mathematical Applications in Chemistry**
Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.
Seminar at Mathematics Department, Acharya Institute of Graduate Studies, Karnataka, Hindistan, 24 Şubat 2018
- XLI. **Topological Graph Indices and a new Graph Invariant**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
Science Forum, Karnataka, Hindistan, 24 Şubat 2018
- XLII. **Topological Graph Indices and a new Graph Invariant**
Cangül İ. N., Delen S., Yurttaş Güneş A., Togan M.
Science Forum, Karnataka, Hindistan, 24 Şubat 2018
- XLIII. **Graphs and Their Applications**
Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.
Seminar at Sri D. Devaraja Urs Govt. First Grade College, Karnataka, Hindistan, 21 Şubat 2018
- XLIV. **Recent Advances in Graph Theory**
Cangül İ. N., Togan M., Yurttaş Güneş A.
Workshop on Graph Theory and Linear Algebra, Karnataka, Hindistan, 21 Şubat 2018
- XLV. **Some Problems Related to Graph Indices**
Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.
Seminar at Sri D. Devaraja Urs Govt. First Grade College, Hunsur, Abohar, Hindistan, 21 Şubat 2018
- XLVI. **Recent Advances in Graph Theory**
Cangül İ. N., Togan M., Yurttaş A.
Workshop on Graph Theory and Linear Algebra, Karnataka, Hindistan, 21 Şubat 2018
- XLVII. **Seminar on Graph Invariants**
Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.
Seminar at Vijayanagara Sri Krishnadevaraya University, Ballary, Abohar, Hindistan, 21 Şubat 2018
- XLVIII. **Inverse Problem for Topological Indices**
Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.
Seminar at Mathematics Department, Mysore University, Karnataka, Hindistan, 20 Şubat 2018
- XLIX. **Topological Applications of a new Graph Invariant**
Cangül İ. N., Delen S., Yurttaş A., Togan M.
International Conference on Current Scenario in Pure and Applied Mathematics (ICCSAM 2018, Tamil Nadu, Hindistan, 14 - 16 Şubat 2018
- L. **Inverse Problem for Topological Indices**
Cangül İ. N., Togan M., Yurttaş Güneş A., Çevik A. S.
Seminar at Department of Mathematics, Bharathiar University, Abohar, Hindistan, 15 Şubat 2018, ss.1
- LI. **Inverse Problems in Graph Theory**
CANGÜL İ. N., YURTTAŞ A., Togan M.
The Second Romanian-Turkish Mathematics Colloquium, İstanbul, Türkiye, 25 - 29 Ocak 2018

- LII. **Inverse Problems in Graph Theory**
Cangül İ. N., Yurttas A., Togan M.
The Second Romanian-Turkish Mathematics Colloquium, İstanbul, Türkiye, 25 - 29 Ekim 2017
- LIII. **Degree Sequences and Inverse Problem on Graphs**
Togan M., Yurttas A., Cangül İ. N.
International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Aydın, Türkiye, 11 - 15 Mayıs 2017
- LIV. **On The Inverse Problem on Graphs**
Yurttas A., Togan M., Cangül İ. N.
International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Aydın, Türkiye, 11 - 15 Mayıs 2017
- LV. **Graph Theoretical Applications of Molecular Graphs**
Cangül İ. N., Yurttas A., Togan M., Çevik A. S.
International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Aydın, Türkiye, 11 - 15 Mayıs 2017
- LVI. **Effect of edge deletion and addition on Zagreb Indices of Graphs**
CANGÜL İ. N., YURTTAŞ A., TOGAN M., ÇEVİK A. S.
International Workshop on Mathematical Methods in Engineering, MME-2017, Ankara, Türkiye, 27 - 29 Nisan 2017
- LVII. **New Formulae for Zagreb Indices**
CANGÜL İ. N., Yurttas A., Togan M., ÇEVİK A. S.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Yunanistan, 19 - 25 Eylül 2016, cilt.1863
- LVIII. **New formulae for Zagreb indices**
Cangül İ. N., Yurttas A., Togan M., Çevik A. S.
International Conference of Numerical Analysis and Applied Mathematics 2016, Rodos, Yunanistan, 19 - 25 Eylül 2016
- LIX. **Degree sequences of several graph classes**
Cangül İ. N., Delen S., Yurttas A., Ana U.
ICJMSNTSFA 2016, Abohar, Hindistan, 8 - 10 Ağustos 2016, cilt.1, ss.7
- LX. **Edge operations in Graphs and Zagreb Indices**
CANGÜL İ. N., YURTTAŞ A., Togan M., ÇEVİK A. S.
International Conference on Analysis and its Applications, Kırşehir, Türkiye, 12 - 15 Temmuz 2016
- LXI. **Topological Descriptors of Some Graphs**
Cangül İ. N., Yurttas A., Togan M., Çevik A. S.
3rd Istanbul Design Theory, Graph Theory and Combinatorics, İstanbul, Türkiye, 12 - 18 Haziran 2016
- LXII. **Topolojik Graf İndeksleriyle İlgili Sonuçlar ve Uygulamalar**
Cangül İ. N., Yurttas A., Togan M., Çevik A. S.
11. Ankara Matematik Günleri, Ankara, Türkiye, 26 - 27 Mayıs 2016
- LXIII. **Chemical Applications of Graph Indices**
Cangül İ. N., Yurttas A., Togan M., Çevik A. S.
3rd INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, Muğla, Türkiye, 19 - 23 Mayıs 2016
- LXIV. **Graph Theoretical Indices and Some Applications**
CANGÜL İ. N., YURTTAŞ A., Togan M., ÇEVİK A. S.
INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS, Romanya, 14 - 16 Nisan 2016
- LXV. **Relations Between Zagreb Indices of Subdivision Graphs**
CANGÜL İ. N., YURTTAŞ A., Togan M., ÇEVİK A. S.
28. Ulusal Matematik Sempozyumu, Antalya, Türkiye, 7 - 09 Eylül 2015
- LXVI. **Some Zagreb Indices of Double Graphs**
CANGÜL İ. N., Togan M., YURTTAŞ A., ÇEVİK A. S.

International Conference on Recent Advances in Pure and Applied Mathematics, İstanbul, Türkiye, 3 - 06 Temmuz 2015

LXVII. Minimal Polynomials Corresponding to Spectral Sets of Some Graphs

Togan M., YURTTAŞ A., ÇEVİK A. S., CANGÜL İ. N.

The 28th International Conference of Jangjeon Mathematical Society, Antalya, Türkiye, 15 - 19 Mayıs 2015

LXVIII. Some Zagreb Indices of Subdivision and r Subdivision of doubles of Some Graphs

CANGÜL İ. N., YURTTAŞ A., Togan M., ÇEVİK A. S.

The 28th International Conference of Jangjeon Mathematical Society, Antalya, Türkiye, 15 - 19 Mayıs 2015

LXIX. Topological Indices of Subdivision Graphs

CANGÜL İ. N., YURTTAŞ A., Togan M., ÇEVİK A. S.

Pure and Applied Mathematics (ICRAPAM 2014), Antalya, Türkiye, 6 - 09 Kasım 2014

LXX. Determining the minimal polynomial of $\cos(2\pi/n)$ over \mathbb{Q} with Maple

Ozgur B., Yurttas A., CANGÜL İ. N.

International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2012, Kos, Yunanistan, 19 - 25 Eylül 2012, cilt.1479, ss.368-370

LXXI. Calculation of the Minimal Polynomial of $2\cos(\pi/n)$ over \mathbb{Q} with Maple

Yurttas A., Ozgur B., CANGÜL İ. N.

International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Kos, Yunanistan, 19 - 25 Eylül 2012, cilt.1479, ss.371-374

LXXII. Hecke Gruplarının Normal Altgruplarının Seviyeleri için Üst Sınırlar

DEMİRCİ M., YURTTAŞ A., CANGÜL İ. N.

XXIV. Ulusal Matematik Günleri, Bursa, Türkiye, 7 - 10 Eylül 2011

LXXIII. Elektronik Yapı Hesabı Üzerine

YURTTAŞ A., CANGÜL İ. N.

XXIV. Ulusal Matematik Günleri, Bursa, Türkiye, 7 - 10 Eylül 2011

LXXIV. Determination of genus of normal subgroups of discrete groups

CANGÜL İ. N., DEMİRCİ M., Yurttas A., Karpuz E. G., ATEŞ F.

International Conference on Numerical Analysis and Applied Mathematics 2010, ICNAAM-2010, Rhodes, Yunanistan, 19 - 25 Eylül 2010, cilt.1281, ss.1148-1151

LXXV. Bernoulli-Frey Elliptic Curves,

Cangül İ. N., İnam İ., Yurttaş Güneş A., Bizım O.

Antalya International Algebra Days VIII, Antalya, Türkiye, 22 Mayıs 2007, ss.1-12

Bilirkişi Raporları

I. A note on hyper Zagreb coindex of graph operations

YURTTAŞ A.

2015

Metrikler

Yayın: 144

Atif (WoS): 257

Atif (Scopus): 317

H-İndeks (WoS): 6

H-İndeks (Scopus): 8

Akademi Dışı Deneyim

