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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

Yüksek Lisans Uzmanlık Alan Dersi IV, Yüksek Lisans, 2023 - 2024
Tez Danışmanlığı IV, Yüksek Lisans, 2023 - 2024
Tez Danışmanlığı II, Yüksek Lisans, 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
Yüksek Lisans Uzmanlık Alan Dersi I, Yüksek Lisans, 2022 - 2023
Tez Danışmanlığı I, Yüksek Lisans, 2022 - 2023
Topolojik Graf İndeksler I, Yüksek Lisans, 2022 - 2023

Lisans

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
Matematik I, Lisans, 2023 - 2024, 2022 - 2023
Analiz III, Lisans, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Temel Matematik I, 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., Yurttas 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**
Yurttas 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., Yurttas A., Sanli U., Celik F., Cangual 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**
Yurttas 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., Yurttas 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., Yurttas 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., Yurttas 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**
Yurttas 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., Yurttas 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**
Yurttas 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., Yurttas 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 Jangeon 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., Cangul 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., Cangul 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., Cangul 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., Cangul İ. N.
AIP Conf. Proc, cilt.1479, ss.371-374, 2012 (Hakemli Dergi)
- XXIV. **Some Formulae for the Zagreb Indices of Graphs**
Cangul 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., Cangul 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., Cangul 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., Cangul 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., Yurttaş 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)

Kitaplar

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 Bilimsel Toplantılarda Yayımlanmış Bildiriler

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 (ICSPAM-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.
Journees Arithmetiques, 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, Slovenia, 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 (Kkctc), 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 (Kkctc), 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 (ICCSFAM 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., Yurttaş 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., Yurttaş 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**
Yurttaş 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., Yurttaş 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., Yurttaş 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., Yurttaş 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., Yurttaş 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., Yurttaş 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., Yurttaş 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., Yurttaş 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: 145
Atıf (WoS): 257
Atıf (Scopus): 355
H-İndeks (WoS): 6
H-İndeks (Scopus): 9

Akademi Dışı Deneyim

Uludağ Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü, Araştırma Görevlisi