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Eğitim Bilgileri

Doktora, Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Abd, Türkiye 1999 - 2008

Yüksek Lisans, Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Abd, Türkiye 1997 - 1999

Lisans, Van Yüzüncü Yıl Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1992 - 1996

Yabancı Diller

İngilizce, B1 Orta

Yaptığı Tezler

Doktora, Homfly ve BLM/Ho Polinomları(The Homfly and BLM/HO Polynomials) , Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Abd, 2008

Yüksek Lisans, Topolojik Uzaylarda Parakompaktlık ve Metriklenebilme(Paracompactness and Metrizable in Topological Spaces) , Van Yüzüncü Yıl Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Abd, 1999

Araştırma Alanları

Sosyoloji, Uygulamalı Sosyoloji, İlköğretim, Ortaöğretim Fen ve Mat. Alanları Öğretmenliği, Kimya Mühendisliği ve Teknolojisi, Matematik, Çok Değişkenli Karmaşık Fonksiyonlar ve analitik uzaylar, Bilgisayar Bilimleri, Cebirsel Geometri, Cebirsel Topoloji, Cisim Kuramı ve Polinomlar, Diziler, Seriler ve Toplanabilirlik, Fonksiyonel Analiz, Genel Topoloji, Geometri, İstatistik, Karmaşık Değişkenli Fonksiyonlar, Kombinatorik, Matematğin Temelleri ve Matematiksel Mantık, Matematik Eğitimi, Optimizasyon, Özel Foksiyonlar, Soyut Harmonik Analiz, Topolojik Gruplar, Lie Grupları, Yaklaşımlar ve Açılımlar, Temel Bilimler

Akademik Unvanlar / Görevler

Doç.Dr., Van Yüzüncü Yıl Üniversitesi, Eğitim Fakültesi, Orta Öğretim Fen Ve Matematik Alanları Eğitimi Bölümü, 2018 - Devam Ediyor
Dr.Öğr.Üyesi, Van Yüzüncü Yıl Üniversitesi, Eğitim Fakültesi, Orta Öğretim Fen Ve Matematik Alanları Eğitimi Bölümü, 2018 - Devam Ediyor
Yrd.Doç.Dr., Van Yüzüncü Yıl Üniversitesi, Eğitim Fakültesi, Orta Öğretim Fen Ve Matematik Alanları Eğitimi Bölümü, 2009 - 2018
Araştırma Görevlisi Dr., Van Yüzüncü Yıl Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2008 - 2008
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Akademik İdari Deneyim

fakülte genel koordinatörü, Van Yüzüncü Yıl Üniversitesi, Eğitim Fakültesi, Orta Öğretim Fen Ve Matematik Alanları Eğitimi Bölümü, 2016 - Devam Ediyor

Yönetilen Tezler

Cancan M., 7. SINIF ÖĞRENCİLERİNİN DOĞRUSAL DENKLEMLER KONUSUNDAKİ KAVRAM YANILGILARI VE GÜNCEL ÇÖZÜM ÖNERİLERİ (VAN İLİ ÖRNEĞİ), Yüksek Lisans, S.KALAÇ(Öğrenci), 2016
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Jüri Üyelikleri

Tez Savunma (Yüksek Lisans), Jüri Üyesi (Danışman), Yüzüncü Yıl Üniversitesi Eğitim Bilimleri Enstitüsü, Haziran, 2016
Tez Savunma (Yüksek Lisans), Recep Yücesan, Yüzüncü Yıl Üniversitesi Eğitim Bilimleri Enstitüsü, Kasım, 2013

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Entropy Related to K-Banhatti Indices via Valency Based on the Presence of C₆H₆ in Various Molecules**
Ghani M. U., Campena F. J. H., Maqbool M. K., Liu J., Dehraj S., Cancan M., Alharbi F. M.
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- II. **Some Novel Results Involving Prototypical Computation of Zagreb Polynomials and Indices for SiO₄ Embedded in a Chain of Silicates**
Tag El Din E. S. M., Sultan F., Ghani M. U., Liu J., Dehraj S., Cancan M., Alharbi F. M., Alhushaybari A.
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- III. **Connecting SiO₄ in Silicate and Silicate Chain Networks to Compute Kullback Temperature Indices**
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- IV. **On Computation of Entropy Measures and Their Statistical Analysis for Complex Benzene Systems**
Wang X., Hanif M. F., Mahmood H., Manzoor S., Siddiqui M. K., Cancan M.
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- V. **A Paradigmatic Approach to Find the Valency-Based K-Banhatti and Redefined Zagreb Entropy for Niobium Oxide and a Metal-Organic Framework**
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- VI. **On Degree Based Topological Co-Indices of Graphite Carbon Nitride**
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- VII. **On Reverse Degree Based Topological Indices of Polycyclic Metal Organic Network**
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- IX. **On Analysis of Temperature Based Topological Indices of Some Covid-19 Drugs**
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- X. **Degree-Based Topological Aspects of Polyphenylene Nanostructures**
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- XII. **Extremal Trees for the Exponential of Forgotten Topological Index**
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- XIII. **On Topological Indices and QSPR Analysis of Drugs Used for the Treatment of Breast Cancer**
Bokhary S. A. U. H., Adnan A., Siddiqui M. K., Cancan M.
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- XIV. **A Degree Based Topological Study of Two Carbon Nanosheets VC5C7 and HC5C7**
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- XV. **Topological Indices and QSPR Modeling of New Antiviral Drugs for Cancer Treatment**
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Wei J., Cancan M., Rehman A. U., Siddiqui M. K., Nasir M., Younas M. T., Hanif M. F.
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- XVIII. **Topological Study of Carbon Nanotube and Polycyclic Aromatic Nanostar Molecular Structures**
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- XIX. **THE SHARP BOUNDS OF ZAGREB INDICES ON CONNECTED GRAPHS**
Chu Y., Shafiq M. K., Imran M., Siddiqui M. K., Siddiqui H. M. A., Baby S., Cancan M.
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- XX. **M-Polynomials and Degree-Based Topological Indices of the Molecule Copper(I) Oxide**
Chaudhry F., Shoukat I., Afzal D., Park C., Cancan M., Farahani M. R.
JOURNAL OF CHEMISTRY, cilt.2021, 2021 (SCI-Expanded)
- XXI. **On analysis of thermodynamic properties of cuboctahedral bi-metallic structure**
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Rashid M. A., Ahmad S., Cancan M., Muhammad M. H.
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- XXIII. **Molecular Topological Properties of Alkylating Agents Based Anticancer Drug Candidates Via Some Ve-degree Topological Indices**
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- XXIV. **On Harmonic and Ev-Degree Molecular Topological Properties of DOX, RTOX and DSL Networks**
Cancan M.
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- XXV. **On Ev-Degree and Ve-Degree Topological Properties of Tickysim Spiking Neural Network**
Cancan M.
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- XXVI. **Ortaokul Öğretmenlerinin Bilgi ve İletişim Teknolojilerine Yönelik Tutumları ve Görüşleri**
Bakırcı H., Cancan M., Uzunyol B.
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- XXVII. **Statistical convergence of double sequences in fuzzy normed spaces**
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- XXVIII. **Intuitionistic fuzzy stability of a Jensen functional equation via fixed point technique**
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- XXIX. **Some results over thin-thick sets in cone locally convex spaces**
Cancan M.
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- XXX. **Statistical convergence in fuzzy 2-normed space**
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- XXXI. **Browder's Fixed Point Theorem and Some Interesting Results in Intuitionistic Fuzzy Normed Spaces**
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- XXXII. **On Asymptotically (λ, σ)-Statistical Equivalent Sequences of Fuzzy Numbers**
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- XXXIII. **Sharp inequalities involving the constant e and the sequence $(1 + 1/n)^n$**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **On topological indices of double and strong double graph of silicon carbide $Si_2C_3-I[p,q]$**
Sardar M. S., Ali M. A., Ashraf F., Cancan M.
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- II. **Study of middle graph for certain classes of graph by applying degree-based topological indices**
Sardar M. S., Ali M. A., Ashraf F., Cancan M.
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- III. **Domination version: Sombor index of graphs and its significance in predicting physicochemical properties of butane derivatives**
Shashidhara A. A., Ahmed H., Soner Nandappa D., Cancan M.

- Eurasian Chemical Communications, cilt.5, sa.1, ss.91-102, 2023 (Scopus)
- IV. **Extremum sum-connectivity index of trees and unicyclic graphs**
Shooshtari H., Motamedi R., Cancan M.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, cilt.15, sa.11, 2022 (ESCI)
- V. **Certain types of minimum covering Estrada index of graphs**
Shooshtari H., Atapour M., Cancan M.
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- VI. **Zagreb energy of some classes of graphs**
Shooshtari H., Hatefi H., Cancan M.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, cilt.15, sa.10, 2022 (ESCI)
- VII. **Valency based topological descriptors of para line graph of Remdesivir used in the prevention of Corona virus**
Rosary M. S., Haoer R. S., Cancan M., Tas Z.
JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES, cilt.43, sa.4, ss.821-835, 2022 (ESCI)
- VIII. **Sharp upper bounds on forgotten and SK indices of cactus graph**
Alsinai A., Rehman H. M. U., Manzoor Y., Cancan M., Farahani M. R.
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- IX. **Enumeration of spanning trees in a chain of diphenylene graphs**
Modabish A., Husin M. N., Alameri A. Q., Ahmed H., Alaeiyan M., Farahani M. R., Cancan M.
JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY, cilt.25, sa.1, ss.241-251, 2022 (ESCI)
- X. **The study of the b-chromatic number of some classes of fractal graphs**
Sattar T., Sardar M. S., Alaeiyan M., Farahani M. R., Cancan M., Tas Z.
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- XI. **On Sombor indices of line graph of silicate carbide $Si_2C_3-I[p,q]$**
Asif F., Zahid Z., Husin M. N., Cancan M., Tas Z., Alaeiyan M., Farahani M. R.
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- XII. **Degree distance based topological indices of some graph transforms**
Patil S., Hosamani S. M., Shirkol S. S., Cancan M., Farahani M. R., Kalynashetti M.
JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY, cilt.25, sa.1, ss.283-300, 2022 (ESCI)
- XIII. **Construction of Petersen graph via graph product and correlation of topological descriptors of Petersen graph in terms of cyclic graph C-5**
Waheed M., Saleem U., Cancan M., Tas Z., Alaeiyan M., Farahani M. R.
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- XIV. **Some new degree based topological indices of h-naphtalenic graph via M-polynomial approach**
Afzal F., Alsinai A., Zeeshan M., Afzal D., Chaudhry F., Cancan M.
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- XV. **Closed Formulas of Topological Properties for Remdesivir (C₂₇H₃₅N₆O₈P)**
Hussain S., Alsinai A., Afzal D., Maqbool A., Afzal F., Cancan M.
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- XVI. **On computation of latest topological descriptors of some cactus chains graphs via M-polynomial**
Afzal F., Hussain H., Afzal D., Farahani M. R., Cancan M., Ediz S.
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- XVII. **A study of non-commutative Von-Neumann regular rings**
Afzal F., Rukh S., Afzal D., Farahani M. R., Cancan M., Ediz S.
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- XVIII. **Calculating the topological indices of Starphene graph via M-polynomial approach**
Chaudhry F., Sattar S., Ehsan M., Afzal F., Farahani M. R., Cancan M.
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- XIX. **Base polynomials for degree and distance based topological invariants of n-bilinear straight pentachain**
Nizami A. R., Shabbir K., Sardar M. S., Qasim M., Cancan M., Ediz S.

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- XX. **A comparative analysis of consensus protocols for dealing power theft issue in Pakistan**
Maqbool A., Sattar S., Naheed A., Khalid S., Rana T., Afzal F., Cancan M.
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- XXI. **On k-total distance degrees and k-total Wiener polarity index**
Ediz S., Çiftçi İ., Cancan M., Farahani M. R.
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- XXII. **Bounds on partition dimension of Peterson graphs**
Khalaf A. J. M., Nadeem M. F., Azeem M., Cancan M., Farahani M. R.
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- XXIII. **Resistance distance in some classes of rooted product graphs obtained by Laplacian generalized inverse method**
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- XXIV. **Topological analysis of zigzag-edge coronoid graph by using M-polynomial**
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- XXV. **On eccentricity-based entropy measures for dendrimers**
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- XXVI. **Computational analysis of new degree-based descriptors of Zig-Zag Benzenoid system**
Afzal F., Zaman M., Chaudhry F., Afzal D., Farahani M. R., Cancan M.
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- XXVII. **National space legislation: A dire need for Pakistan**
Cancan M., Mahsud M., Ullah S., Mahsud Z.
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- XXVIII. **Topological indices of the system of generalized prisms via M-Polynomial approach**
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- XXIX. **Exploring drivers of luxury brand buying behavior : An empirical study**
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- XXX. **Degree-based entropy of molecular structure of HAC(5)C(7)[P,Q]**
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- XXXI. **Degree based topological indices of tadpole graph via M-polynomial**
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- XXXII. **Theoretical study of benzene ring embedded in P-type surface in 2d network using some new degree based topological indices via M-polynomial**
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- XXXIII. **Computing M-polynomial and topological indices of TUHRC4 molecular graph**
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- XXXIV. **A note on QSPR analysis of total Zagreb and total Randic Indices of octanes**
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- XXXV. **On computation of newly defined degree-based topological invariants of Bismuth Tri-iodide via M-polynomial**
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- XXXVII. **Reversed degree-based topological indices for Benzenoid systems**
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