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Personal Information

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Education Information

Doctorate, Gebze Yüksek Teknoloji Enstitüsü, Fen Bilimleri Enstitüsü, Matematik, Turkey 2012 - 2016

Postgraduate, Gebze Yüksek Teknoloji Enstitüsü, Fen Bilimleri Enstitüsü, Matematik, Turkey 2010 - 2012

Undergraduate, Istanbul University, Faculty Of Science, Matematik, Turkey 2003 - 2007

Dissertations

Doctorate, On the Hamilton-Waterloo Problem with Two Cycle Sizes, Gebze Yüksek Teknoloji Enstitüsü, Matematik, Matematik, 2016

Research Areas

Mathematics, Combinatorics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul University, Mühendislik Fakültesi, Mühendislik Bilimleri, 2018 - Continues

Research Assistant PhD, Istanbul University, Mühendislik Fakültesi, Mühendislik Bilimleri, 2016 - 2018

Research Assistant, Istanbul University, Mühendislik Fakültesi, Mühendislik Bilimleri, 2014 - 2016

Research Assistant, Gebze Yüksek Teknoloji Enstitüsü, Fen Fakültesi, Matematik, 2012 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The λ -Fold Spectrum Problem for the Orientations of the Eight-Cycle**
DURUKAN ODABAŞI Ş., Odabaşı U.
Symmetry, vol.15, no.10, 2023 (SCI-Expanded)
- II. **THE SPECTRUM PROBLEM FOR THE CONNECTED CUBIC GRAPHS OF ORDER 10**
Adams P., El-Zanati S., Odabasi U., Wannasit W.
DISCUSSIONES MATHEMATICAE GRAPH THEORY, vol.41, no.4, pp.963-980, 2021 (SCI-Expanded)
- III. **FACTORIZATIONS OF COMPLETE GRAPHS INTO CYCLES AND 1-FACTORS**
Odabasi U.
CONTRIBUTIONS TO DISCRETE MATHEMATICS, vol.15, no.1, pp.80-89, 2020 (SCI-Expanded)
- IV. **Uniformly Resolvable Cycle Decompositions with Four Different Factors**
Odabasi U., ÖZKAN S.

GRAPHS AND COMBINATORICS, vol.33, no.6, pp.1591-1606, 2017 (SCI-Expanded)

V. The Hamilton-Waterloo Problem with C-4 and C-m factors

Odabsi U., Ozkan S.

DISCRETE MATHEMATICS, vol.339, no.1, pp.263-269, 2016 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Uniformly resolvable decompositions of the complete graph into m-cycles and K2 graphs**
ODABAŞI U.
Workshop on Graph Theory and Its Applications VI, İstanbul, Turkey, pp.1
- II. **Factorizations of Complete Graphs into Cycles and 1-Factors**
ODABAŞI U.
The 2018 Kliakhandler Conference, Houghton, United States Of America, 9 - 11 August 2018
- III. **Uniformly resolvable (C_m;K₂)-designs**
ODABAŞI U.
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Budapeşte, Hungary, 3 - 07 May 2017
- IV. **Factorizations of the complete graph into 1-factors and C_m -factors**
ODABAŞI U.
1st International Mediterranean Science and Engineering Congress (IMSEC-2016), Adana, Turkey, 26 - 28 October 2016, pp.4939
- V. **On the Hamilton-Waterloo Problem with Two Cycle Sizes**
ODABAŞI U.
3rd Istanbul Design Theory, Graph Theory and Combinatorics Workshop, İstanbul, Turkey, 13 - 17 June 2016
- VI. **SOME PROBLEMS ON GRAPH DECOMPOSITIONS**
ODABAŞI U.
International Conference on Engineering and Natural Sciences (ICENS-2016), Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, pp.731
- VII. **The Hamilton-Waterloo Problem with C₄ and C_m Factors**
ODABAŞI U., ÖZKAN S.
13th Cologne-Twente Workshop on Graphs & Combinatorial Optimization, İstanbul, Turkey, 26 - 28 May 2015
- VIII. **Uniformly Resolvable Cycle Decomposition with Four Cycles**
ODABAŞI U., ÖZKAN S.
Antalya Algebra Days XVII, İzmir, Turkey, 20 - 24 May 2015
- IX. **On the Hamilton-Waterloo Problem**
ODABAŞI U.
Antalya Algebra Days XVI, Antalya, Turkey, 9 - 13 May 2014, pp.1
- X. **Some Problems on Cycle Decompositions**
ODABAŞI U.
Workshop on Graph Theory and its Applications III, İstanbul, Turkey, 11 - 12 October 2012

Supported Projects

ODABAŞI U., TUBITAK Project, Federe Yazılım Tanımlı Ağlarda Kaynak Yönetiminde Enerji Verimliliği ve Adillik, 2014 - 2018

TUBITAK Project, Çizgelerde Döngü Parçalanışları, 2013 - 2015

Metrics

Publication: 15

Citation (WoS): 14

Citation (Scopus): 13

H-Index (WoS): 2

H-Index (Scopus): 1