

Assoc. Prof. LALE ÖZKAHYA

Personal Information

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Education Information

Doctorate, University Of Illinois At Urbana-Champaign, Fen Fakültesi, Matematik, United States Of America 2003 - 2010

Postgraduate, University Of Illinois At Urbana-Champaign, Mühendislik Fakültesi, Havacilik Ve Uzay Muh., United States Of America 2001 - 2003

Undergraduate, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Makine Muh., Turkey 1995 - 1999

Dissertations

Doctorate, Problems in Extremal Graph Theory, University Of Illinois At Urbana-Champaign, Matematik, 2010

Postgraduate, Flutter Analysis of a Single Flap System, University Of Illinois At Urbana-Champaign, Uzay Ve Havacilik Muh., 2003

Research Areas

Mathematics, Computer Science, Combinatorics, Natural Sciences

Courses

Introduction to Discrete Structures, Undergraduate, 2016 - 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Minimum rainbow H-decompositions of graphs**
ÖZKAHYA L., Person Y.
EUROPEAN JOURNAL OF COMBINATORICS, vol.71, pp.111-124, 2018 (Journal Indexed in SCI)
- II. **On 3-uniform hypergraphs without a cycle of a given length**
Furedi Z., ÖZKAHYA L.
DISCRETE APPLIED MATHEMATICS, vol.216, pp.582-588, 2017 (Journal Indexed in SCI)
- III. **On a Covering Problem in the Hypercube**
ÖZKAHYA L., Stanton B.
GRAPHS AND COMBINATORICS, vol.31, no.1, pp.235-242, 2015 (Journal Indexed in SCI)
- IV. **Anti-Ramsey number of matchings in hypergraphs**
Ozkahya L., Young M.
DISCRETE MATHEMATICS, vol.313, no.20, pp.2359-2364, 2013 (Journal Indexed in SCI)
- V. **On the ratio of maximum and minimum degree in maximal intersecting families**
Nagy Z. L., Oezkahya L., Patkos B., Vizer M.
DISCRETE MATHEMATICS, vol.313, no.2, pp.207-211, 2013 (Journal Indexed in SCI)
- VI. **Minimum H-decompositions of graphs: Edge-critical case**

Ozkahya L., Person Y.

JOURNAL OF COMBINATORIAL THEORY SERIES B, vol.102, no.3, pp.715-725, 2012 (Journal Indexed in SCI)

VII. **Unavoidable subhypergraphs: a-clusters**

Fueredi Z., Ozkahya L.

JOURNAL OF COMBINATORIAL THEORY SERIES A, vol.118, no.8, pp.2246-2256, 2011 (Journal Indexed in SCI)

VIII. **On even-cycle-free subgraphs of the hypercube**

Fueredi Z., Ozkahya L.

JOURNAL OF COMBINATORIAL THEORY SERIES A, vol.118, no.6, pp.1816-1819, 2011 (Journal Indexed in SCI)

IX. **A Brooks-type bound for squares of K-4-minor-free graphs**

Kostochka A. V. , Ozkahya L., Woodall D. R.

DISCRETE MATHEMATICS, vol.309, pp.6572-6584, 2009 (Journal Indexed in SCI)

X. **On 14-Cycle-Free Subgraphs of the Hypercube**

Furedi Z., Ozkahya L.

COMBINATORICS PROBABILITY & COMPUTING, vol.18, no.5, pp.725-729, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **On homometric sets in graphs**

Axenovich M., Özkahya L.

Electronic Notes in Discrete Mathematics, vol.38, pp.83-86, 2011 (Refereed Journals of Other Institutions)

Supported Projects

ÖZKAHYA L., FUREDİ Z., Project Supported by Higher Education Institutions, Belirli uzunluktaki döngüleri içermeyen 3birimli hiperçizgeler, 2016 - 2016

ÖZKAHYA L., Project Supported by Higher Education Institutions, Kombinatorik: Problemleri ve Uygulamaları, 2015 - 2016

Citations

Total Citations (WOS):55

h-index (WOS):5