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## Publications

### Journals

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- Masih, Zoya and Zaker, Manouchehr, "Some comparative results concerning the Grundy and  $b$ -chromatic number of graphs", Discrete Applied Mathematics, Vol. 306, NO. 9, 2022
- Masih, Zoya and Zaker, Manouchehr, "On Grundy and  $b$ -chromatic number of some families of graphs: a comparative study", Graphs and Combinatorics, Vol. 37, NO. 2, 2021
- Zaker, Manouchehr, "A note concerning the Grundy and  $b$ -chromatic number of graphs", arXiv preprint arXiv:2003.14233, Vol. 82, NO. 9, 2020
- Zaker, Manouchehr, "A new vertex coloring heuristic and corresponding chromatic number", Algorithmica, Vol. 82, NO. 9, 2020
- Khoshkhah, Kaveh and Soltani, Hossein and Zaker, Manouchehr, "Dynamic monopolies in directed graphs: the spread of unilateral influence in social networks", Discrete Applied Mathematics, Vol. 171, NO. 16, 2014
- Zaker, Manouchehr, "Generalized degeneracy, dynamic monopolies and maximum degenerate subgraphs", Discrete Applied Mathematics, Vol. 161, NO. 16, 2013
- Khoshkhah, Kaveh and Nemati, M and Soltani, Hossein and



- Zaker, Manouchehr, "A study of monopolies in graphs", *Graphs and Combinatorics*, Vol. 29, NO. 5, 2013
- Zaker, Manouchehr, "On dynamic monopolies of graphs with general thresholds", *Discrete Mathematics*, Vol. 312, NO. 6, 2012
  - Khoshkhal, Kaveh and Soltani, Hossein and Zaker, Manouchehr, "On dynamic monopolies of graphs: the average and strict majority thresholds", *Discrete Optimization*, Vol. 9, NO. 2, 2012
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  - Zaker, Manouchehr, "Inequalities for the Grundy chromatic number of graphs", *Discrete applied mathematics*, Vol. 155, NO. 18, 2007
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  - Zaker, Manouchehr, "Grundy chromatic number of the complement of bipartite graphs.", *Australas. J Comb.*, Vol. 31, NO. 5, 2005
  - Zaker, Manouchehr, "Greedy defining sets of graphs", *Australasian Journal of Combinatorics*, Vol. 23, NO. 1, 2001
  - Hajiabolhassan, Hossein and Mehrabadi, Mojtaba L and Tusserkani, Ruzbeh and Zaker, Manouchehr, "A characterization of uniquely vertex colorable graphs using minimal defining sets", *Discrete mathematics*, Vol. 199, NO. 1, 1999



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