

## PUBLISHED & ACCEPTED PAPERS (SAIEED AKBARI):

1. *Independent Domination in Subcubic Graphs*, with A. Akbari, A. Doosthosseini, Z. Hadizadeh, M.A. Henning, and A. Naraghi, J. Combinatorial Optimization, to appear.
2. *On edge-path eigenvalues of graphs*, with S. Azizi, M. Ghorbani, X. Li, Linear and Multilinear Algebra, to appear.
3. *On the chromatic edge stability index of graphs*, with Arash Beikmohammadi, Bostjan Bresar, Tanja Gologranc, Mohammad Mahdi Habibollahi, Nazanin Movarraei, European Journal of Combinatorics, to appear.
4. *Hypoenergetic and Nonhypoenergetic Digraphs*, with K. C. Das, S. Ghezelahmad, F. Koorepazan-Moftakhar, Linear Algebra and its Applications, to appear.
5. *Graphs with nullity 2 are non-Hypoenergetic*, with S. Ghezelahmad, MATCH, to appear.
6. *On a question of Haemers regarding vectors in the nullspace of Seidel matrices*, with S. M. Cioaba, S. Goudarzi, A. Niaparast, and A. Tajdini, Linear Algebra and its Applications, to appear.
7. *Induced path factors of regular graphs*, with D. Horsley and I.M. Wanless, Journal of Graph Theory, to appear.
8. *Vertex partitioning of graphs into odd induced subgraphs*, with A. Aashtab, M. Ghanbari, A. Shidani, Discussiones Mathematicae Graph Theory, to appear.
9. *A Lower Bound for Graph Energy in Terms of Minimum and Maximum Degrees*, with M. Ghahremani, M.A. Hosseinzadeh, S.K. Ghezelahmad, H. Rasouli, A. Tehranian, MATCH Communications in Mathematical and in Computer Chemistry, to appear.
10. *Energy of Graphs Containing Disjoint Cycles*, with K.C. Das, M. Ghahremani, F. Koorepazan Moftakhar, E. Raoufi, MATCH Communications in Mathematical and in Computer Chemistry, to appear.
11. *Balanced equi- $n$ -squares*, with T.G. Marbach, R.J. Stones, Z. Wu, Electronic Journal of Combinatorics, The Electronic Journal of Combinatorics 27(4) (2020), #P4.8.
12. *Zero-sum flows for Steiner Systems*, with H.R. Maimani, L. Parasaei Majd, I.M. Wanless, Discrete Mathematics, V.343, Issue 11, (2020), 112074.
13. *Some Criteria for a Signed Graph to Have Full Rank*, with A. Ghafari, M. Nahvi, Discrete Mathematics, V. 343, Issue 8, (2020), 111910.

14. *Circular Zero-Sum  $r$ -Flows of Regular Graphs*, with A.H. Ghodrati, M.A. Nematollahi, *Graphs and Combinatorics*, 36, (2020), 1079-1092.
15. *Proof of a conjecture on the Seidel energy of graphs*, with M. Einollahzadeh, M. M. Karkhaneei, M. A. Nematollahi, *European Journal of Combinatorics*, Volume 86, May 2020, Article 103078.
16. *NordhausGaddum and other bounds for the chromatic edge-stability number*, with Sandi Klavzar, Nazanin Movarraei, Mina Nahvi, *European Journal of Combinatorics*, Volume 84, February 2020, Article 103042.
17. *Orientations of graphs avoiding given lists on out-degrees*, with M. Dalirrooyfard, K. Ehsani, K. Ozeki, R. Sherhati, *Journal of Graph Theory*, Vol 93 (4), (2020), 483-502.
18. *Some Lower Bounds for the Energy of Graphs*, with Amir Hossein Ghodrati, Mohammad Ali Hosseinzadeh, *Linear Algebra and its Applications*, Vol 591, (2020), 205-214.
19. *Signed Complete Graphs with Maximum Index*, with S. Dalvandi, F. Heydari, M. Maghasedi, *Discussiones Mathematicae Graph Theory* 40 (2020) 393-403.
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21. *Mixed Paths and Cycles Determined by Their Spectrum*, with A. Ghafari, M. Nahvi and M.A. Nematollahi, *Linear Algebra and its Applications*, Volume 586, 2020, Pages 325-346.
22. *Decomposing Claw-free Subcubic Graphs and 4-Chordal Subcubic Graphs*, with M. Ahanjideh, E. Aboomahigir, *Discrete Applied Mathematics*, to appear.
23. *Spectra of Deza Graphs*, with A.H. Ghodrati, M.A. Hosseinzadeh, V.V. Kabanov, E.V. Konstantinova, L.V. Shalaginov, *Linear and Multilinear Algebra*.
24. *A Short Proof for Graph Energy is at Least Twice of Minimum Degree*, with M. A. Hosseinzadeh, *Communications in Mathematical and in Computer Chemistry*, to appear.
25. *A Note on the Algebraic Connectivity of a Graph and its Complement*, with B. Afshari, *Linear and Multilinear Algebra*, to appear.
26. *On the minimum energy of regular graphs*, with A. Aashtab, E. Ghasemian, A. H. Ghodrati, F. Koorepazan-Moftakhar, *Linear Algebra and its Applications*, Volume 581, 2019, Pages 51-71.
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