

Ilia Ponomarenko
LIST OF PUBLICATIONS, January, (2024)

1. I. Ponomarenko and A. V. Vasil'ev, *On computing the closures of solvable permutation groups*, International J. Algebra and Computation (2024), doi: 10.1142/S0218196724500036
2. G. Chen, Q. Ren, and I. Ponomarenko, *On multidimensional Schur rings of finite groups*, J. Group Theory, **27**, no. 1, 61–88 (2024), <https://doi.org/10.1515/jgth-2023-0032>.
3. I. Ponomarenko, *On the WL-dimension of circulant graphs of prime power order*, Algebraic Combinatorics, **6**, no. 6, 1469–1490 (2023), DOI: 10.5802/alco.315.
4. J. Cai, J. Guo, A. L. Gavril'yuk, and I. Ponomarenko, *A large family of strongly regular graphs with small Weisfeiler-Leman dimension*, arXiv:2312.00460 [math.CO], 1–15 (2023).
5. G. Chen, Q. Ren, and I. Ponomarenko, *On the Weisfeiler algorithm of depth-1 stabilization*, arXiv:2311.09940 [math.CO], 1–24 (2023).
6. A. L. Gavril'yuk, R. Nedela, and I. Ponomarenko, *The Weisfeiler-Leman dimension of distance-hereditary graphs*, Graphs Combin., **39**, Article number: 84 (2023) (2023), <https://link.springer.com/article/10.1007/s00373-023-02683-3>.
7. H. Li, I. Ponomarenko, and P. Zeman *On the Weisfeiler-Leman dimension of some polyhedral graphs*, arXiv:2305.17302 [math.CO], 1–21 (2023).
8. J. Guo, A. L. Gavril'yuk, and I. Ponomarenko, *On the Weisfeiler-Leman dimension of permutation graphs*, arXiv:2305.15861 [math.CO], 1–15 (2023).
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11. E. A. O'Brien, I. Ponomarenko, A. V. Vasil'ev, E. Vdovin *The 3-closure of a solvable permutation group is solvable*, **607**, J. Algebra, no. 1, 618–637 (2022), <https://doi.org/10.1016/j.jalgebra.2021.07.002>.
12. V. Arvind, I. Ponomarenko and G. Ryabov, *Isomorphism testing of k -spanning tournaments is Fixed Parameter Tractable*, arXiv:2201.12312 [math.CO], 1–8 (2022).
13. D. Churikov and I. Ponomarenko, *On 2-closed abelian permutation groups*, Communications in Algebra, **50**, no. 4, 1792–1801 (2022), <https://doi.org/10.1080/00927872.2021.1990307>.
14. A. Hanaki, T. Hirai, and I. Ponomarenko, *On a huge family of non-schurian Schur rings*, Electronic J. Combin., **29**, no. 2, P2.14 (2022), DOI 10.37236/10696.
15. I. Ponomarenko and A. Vasil'ev, *The closures of wreath products in product action*, Algebra and Logic, Vol. 60, No. 3, 188–195 (2021), DOI 10.1007/s10469-021-09640-0.
16. F. Fuhlbrück, J. Köbler, I. Ponomarenko, and O. Verbitsky, *The Weisfeiler-Leman Algorithm and Recognition of Graph Properties*, Theor. Computer Sci., **895**, no. 4, 96–114 (2021), <https://doi.org/10.1016/j.tcs.2021.09.033> (MR4337878).
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37. S. Evdokimov and I. Ponomarenko, *On separability problem for circulant S -rings*, Algebra Analiz, **28**, No. 1, 32–51 (2016) (MR3591065).
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