

Ilia Ponomarenko

LIST OF PUBLICATIONS, March (2019)

1. R. Nedela, I. Ponomarenko, and P. Zeman, *Testing isomorphism of circular-arc graphs in polynomial time*, arXiv:1903.11062 [cs.DS], 1–12 (2019).
2. B. Asadian and I. Ponomarenko, *On schurian fusions of the association scheme of a Galois affine plane of prime order*, arXiv:1901.11316 [math.CO], 1–9 (2019).
3. M. Muzychuk and I. Ponomarenko, *Testing isomorphism of circulant objects in polynomial time*, arXiv:1812.06246 [math.CO], 1–14 (2018).
4. M. Hirasaka, K. Kim, and I. Ponomarenko, *Two-valenced association schemes and the Desargues theorem*, arXiv:1811.12218 [math.CO], 1–14 (2018).
5. M. Hirasaka, K. Kim, I. Ponomarenko, *Schurity and separability of quasiregular coherent configurations*, J. Algebra, **510**, 180–204 (2018) (MR3828783).
6. M. Muzychuk and I. Ponomarenko, *Finding a cycle base of a permutation group*, J. Algebra, **510** 542–561 (2018) (MR3828796).
7. I. Ponomarenko and G. Ryabov, *Abelian Schur groups of odd order*, Siberian Electronic Mathematical Reports, **15**, 397–411 (2018) (MR3796423).
8. S. Evdokimov, M. Muzychuk, and I. Ponomarenko, *A family of permutation groups with exponentially many non-conjugated regular elementary abelian subgroups*, Algebra Analiz, **29**, No. 4, 46–53 (2017) (MR3708863).
9. I. Ponomarenko and A. Vasil'ev, *Testing isomorphism of central Cayley graphs over almost simple groups in polynomial time*, Zapiski Nauchnykh Seminarov POMI, **455**, 154–180 (2017). [In Russian]. English translation in J. Math. Sci., **234**, No. 2, 219–236 (2018) (MR3669627).
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13. I. Ponomarenko and A. Vasil'ev, *Cartan coherent configurations*, J. Algebraic Combin., **45**, No. 2, 525–552 (2017) (MR3604066).

14. G. Chen, M. Muzychuk, and I. Ponomarenko, *The Schur-Wielandt theory for central S -rings*, Algebra i Logica, **55**, No.1, 57–73 (2016) [In Russian]. English translation in: Algebra and Logic, **55**, No.1, 38–49 (2016) (MR3666007).
15. S. Evdokimov and I. Ponomarenko, *On separability problem for circulant S -rings*, Algebra Analiz, **28**, No. 1, 32–51 (2016) (MR3591065).
16. S. Evdokimov, I. Kovács, and I. Ponomarenko, *On schurity of finite abelian groups*, Communications in Algebra, **44**, No. 1 (2016), 101–117 (MR3413674).
17. M. Muzychuk and I. Ponomarenko, *On Schur 2-groups*, Zapiski Nauchnykh Seminarov POMI, **435**, 113–162 (2015) [In Russian]. English translation in J. Math. Sci., **219**, No. 4 (2016), 565–594 (MR3493620).
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23. I. Ponomarenko, *Bases of schurian antisymmetric coherent configurations and isomorphism test for schurian tournaments*, Zapiski Nauchnykh Seminarov POMI, **402**, 108–147 (2012). English translation in J. Math. Sci., **192**, No. 3, 316–338 (2013) (MR2981982).
24. S. Evdokimov and I. Ponomarenko, *Schurity of S -rings over a cyclic group and generalized wreath product of permutation groups*, Algebra Analiz, **24**, No. 3, 84–127 (2012). English translation in St. Petersburg Math. J., **24**, No. 3, 431–460 (2013) (MR3014128).
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