

**Ilia Ponomarenko**  
**LIST OF PUBLICATIONS, November, (2025)**

1. I. Ponomarenko, *The automorphism groups and identification of some Generalized Paley Graphs*, arXiv:2511.18304 [math.CO], 1–14 (2025).
2. I. Ponomarenko, S. V. Skresanov and A. V. Vasil'ev, *Closures of permutation groups with restricted nonabelian composition factors*, Bull. Math. Sci., **15**, no. 2, Paper No. 2550012 (2025), <https://doi.org/10.1142/S1664360725500122>
3. Y. Wu, G. Chen, Q. Ren, and I. Ponomarenko, *A lower bound for the Weisfeiler-Leman dimension of circulant graphs*, arXiv:2507.10116 [math.CO], 1–31 (2025).
4. G. Chen, Q. Ren, and I. Ponomarenko, *On the Weisfeiler algorithm of depth-1 stabilization*, Theoretical Computer Science, **1054**, no. 3, 115460 (2025), <https://doi.org/10.1016/j.tcs.2025.115460>.
5. J. Guo, I. Ponomarenko, and A. V. Vasil'ev, *On multivalued groups of order 3*, Sci. China Math., **68**, no. 8, 1969–1978 (2025), <https://doi.org/10.1007/s11425-024-2388-0>.
6. I. Ponomarenko and G. Ryabov, *Notes on B-groups*, Communications in Algebra, 1–5 (2025), <https://doi.org/10.1080/00927872.2025.2484425>.
7. J. Cai, J. Guo, A. L. Gavriilyuk, and I. Ponomarenko, *Cartesian products of graphs and their coherent configurations*, Discrete Mathematics, **348**, no. 8, 114526 (2025), <https://doi.org/10.1016/j.disc.2025.114526>.
8. J. Cai, J. Guo, A. L. Gavriilyuk, and I. Ponomarenko, *A large family of strongly regular graphs with small Weisfeiler-Leman dimension*, Combinatorica, **45**, no. 2, Article: 20 (2025), <https://doi.org/10.1007/s00493-025-00145-3>.
9. V. Arvind, I. Ponomarenko and G. Ryabov, *Isomorphism testing of  $k$ -spanning tournaments is Fixed Parameter Tractable*, The Art of Discrete and Applied Mathematics, **8**, no. 2, Paper No. P2.10 (2025), <https://doi.org/10.26493/2590-9770.1712.3ec>.
10. Y. Wu and I. Ponomarenko, *On the Weisfeiler-Leman dimension of circulant graphs*, Algebra Analiz, **37**, no. 2, 1–27 (2025).
11. A. Abiad, A. L. Gavriilyuk, A. P. Khramova, and I. Ponomarenko, *A linear programming bound for sum-rank metric codes*, IEEE Transactions on Information Theory, **71**, no. 1, 317–329 (2025), <https://doi.org/10.1109/TIT.2024.3488902>.
12. I. Ponomarenko, *On a Family of Multivalued Groups*, Proc. Steklov Inst. Math., **326**, 286–288 (2024), DOI: <https://doi.org/10.1134/S0081543824040138>.
13. J. Guo, A. L. Gavriilyuk, and I. Ponomarenko, *On the Weisfeiler-Leman dimension of permutation graphs*, SIAM Journal on Discrete Mathematics, **38**, no. 2, 1193–1929 (2024), <https://doi.org/10.1137/23M1575019>.
14. I. Ponomarenko, S. V. Skresanov and A. V. Vasil'ev, *Closures of permutation groups with restricted nonabelian composition factors*, Bull. Math. Sci., **15**, no. 2, Paper No. 2550012 (2025), <https://doi.org/10.1142/s1664360725500122>
15. I. Ponomarenko and A. V. Vasil'ev, *On computing the closures of solvable permutation groups*, International J. Algebra and Computation, **34**, no. 1, 137–145 (2024), doi: 10.1142/S0218196724500036.
16. 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>.
17. 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.

18. A. L. Gavrilyuk, R. Nedela, and I. Ponomarenko, *The Weisfeiler-Leman dimension of distance-hereditary graphs*, *Graphs Combin.*, **39**, Article number: 84 (2023), <https://link.springer.com/article/10.1007/s00373-023-02683-3>.
19. H. Li, I. Ponomarenko, and P. Zeman *On the Weisfeiler-Leman dimension of some polyhedral graphs*, [arXiv:2305.17302](https://arxiv.org/abs/2305.17302) [math.CO], 1–21 (2023).
20. I. Ponomarenko and G. Ryabov, *On pseudofrobenius imprimitive association schemes*, *J. Algebraic Combin.*, **57**, no. 2, 385–402 (2023), <https://doi.org/10.1007/s10801-022-01193-4>.
21. V. Arvind, R. Nedela, I. Ponomarenko, and P. Zeman, *Testing isomorphism of chordal graphs of bounded leafage is fixed-parameter tractable*, in: Bekos, M.A., Kaufmann, M. (eds) *Graph-Theoretic Concepts in Computer Science. WG 2022. Lecture Notes in Computer Science*, vol 13453. Springer (2022), pp. 29–42, [https://doi.org/10.1007/978-3-031-15914-5\\_3](https://doi.org/10.1007/978-3-031-15914-5_3).
22. 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>.
23. 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>.
24. 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.
25. I. Ponomarenko and A. Vasil'ev, *The closures of wreath products in product action*, *Algebra and Logic*, **60**, no. 3, 188–195 (2021), DOI 10.1007/s10469-021-09640-0.
26. 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).
27. G. Chen and I. Ponomarenko, *Tensor products of coherent configurations*, *Front. Math. China*, **17**, no. 5, 829–852(2022), <https://doi.org/10.1007/s11464-021-0975-9>.
28. G. Chen, J. He, I. Ponomarenko, and A. Vasil'ev, *A characterization of exceptional pseudocyclic association schemes by multidimensional intersection numbers*, *Ars Math. Contemporanea*, **21**, no. 1 (2021), <https://doi.org/10.26493/1855-3974.2405.b43> (MR4341196).
29. I. Ponomarenko and G. Ryabov, *The Weisfeiler-Leman dimension of chordal bipartite graphs without bipartite claws*, *Graphs Combin.*, **37**, 1089–1102 (2021), <https://doi.org/10.1007/s00373-021-02308-7> (MR4249221).
30. I. Ponomarenko, *On the separability of cyclotomic schemes over finite field*, *Algebra Analiz*, **32**, no. 6, 124–146 (2020). English translation in *St. Petersburg Math. J.*, **32**, no. 6 (2021), 1051–1066 (MR3493620).
31. I. Ponomarenko and A. Vasil'ev, *Two-closure of supersolvable permutation group in polynomial time*, *Computational Complexity*, **29**, no. 5 (2020), doi: <https://doi.org/10.1007/s00037-020-00195-7> (MR4118452).
32. M. Muzychuk and I. Ponomarenko, *Testing isomorphism of circulant objects in polynomial time*, *J. Combin. Theory*, **A169**, 105128 (2020), <https://doi.org/10.1016/j.jcta.2019.105128> (MR3998823).
33. R. Nedela and I. Ponomarenko, *Recognizing and testing isomorphism of Cayley graphs over an abelian group of order  $4p$  in polynomial time*, in: *Isomorphisms, Symmetry and Computations in Algebraic Graph Theory*, Springer Proceedings in Mathematics & Statistics, **305** (2020), pp. 195–218. (MR4061908)
34. G. Chen and I. Ponomarenko, *Coherent configurations*, Central China Normal University Press (2019).

35. S. Kiefer, P. Schweitzer, and I. Ponomarenko, *The Weisfeiler-Leman dimension of planar graphs is at most 3*, Journal of the ACM, **66**, no. 6, Article 44 (2019), doi: <https://doi.org/10.1145/3333003> (MR4040284).
36. M. Hirasaka, K. Kim, and I. Ponomarenko, *Two-valenced association schemes and the Desargues theorem*, Arab. J. Math., **9**, 481–493 (2019), <https://doi.org/10.1007/s40065-019-00274-w> (MR4159733).
37. M. Lichter, I. Ponomarenko, and P. Schweitzer, *Walk refinement, walk logic, and the iteration number of the Weisfeiler-Leman algorithm*, in: Proc. 34th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS), doi: 10.1109/LICS.2019.8785694 (2019) (MR4142424).
38. B. Asadian and I. Ponomarenko *On schurian fusions of the association scheme of a Galois affine plane of prime order*, Zapiski Nauchnykh Seminarov POMI, **478**, 5–16 (2019) (MR4030416).
39. M. Hirasaka, K. Kim, I. Ponomarenko, *Schurity and separability of quasiregular coherent configurations*, J. Algebra, **510**, 180–204 (2018) (MR3828783).
40. M. Muzychuk and I. Ponomarenko, *Finding a cycle base of a permutation group*, J. Algebra, **510** 542–561 (2018) (MR3828796).
41. I. Ponomarenko and G. Ryabov, *Abelian Schur groups of odd order*, Siberian Electronic Mathematical Reports, **15**, 397–411 (2018) (MR3796423).
42. 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).
43. 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).
44. G. Chen and I. Ponomarenko, *Coherent configurations associated with TI-subgroups*, J. Algebra, **488**, 201–229 (2017) (MR3680916).
45. I. Ponomarenko and A. Vasil’ev, *Cartan coherent configurations*, J. Algebraic Combin., **45**, no. 2, 525–552 (2017) (MR3604066).
46. G. Chen, M. Muzychuk, and I. Ponomarenko, *The Schur-Wielandt theory for central S-rings*, Algebra i Logika, **55**, no.1, 57–73 (2016) [In Russian]. English translation in: Algebra and Logic, **55**, no.1, 38–49 (2016) (MR3666007).
47. S. Evdokimov and I. Ponomarenko, *On separability problem for circulant S-rings*, Algebra Analiz, **28**, no. 1, 32–51 (2016) (MR3591065).
48. S. Evdokimov, I. Kovács, and I. Ponomarenko, *On schurity of finite abelian groups*, Communications in Algebra, **44**, no. 1 (2016), 101–117 (MR3413674).
49. 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).
50. S. Evdokimov and I. Ponomarenko, *On coset closure of a circulant S-ring and schurity problem*, J. Algebra Appl., **15**, no. 4, Article ID 1650068 (2016) (MR3462199).
51. I. Ponomarenko and A. Vasil’ev, *On non-abelian Schur groups*, J. Algebra Appl., **13**, no. 8, Article ID 1450055 (2014) (MR3225122).
52. D. Grigoriev, M. Muzychuk, and I. Ponomarenko, *Tensor rank: matching polynomials and Schur rings*, Foundations Comput. Math., **14**, 457–481 (2014) (MR3201953).

53. S. Evdokimov and I. Ponomarenko, *Schur rings over a product of Galois rings*, Beitr. Algebra Geom., **55**, no. 1, 105–138 (2014) (MR3167785).
54. S. Evdokimov, I. Kovács, and I. Ponomarenko, *Characterization of cyclic Schur groups*, Algebra Analiz, **25**, no. 5, 61–85 (2013). English translation in St. Petersburg Math. J., **25**, no. 5, 755–773 (2014) (MR3184607).
55. 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).
56. 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).
57. M. Muzychuk and I. Ponomarenko, *On quasi-thin association schemes*, J. Algebra, **351**, 467–489 (2012) (MR2862220).
58. M. Muzychuk and I. Ponomarenko, *On pseudocyclic association schemes*, Ars Math. Contemporeana, **5**, no. 1, 1–25 (2012) (MR2853699).
59. S. Evdokimov and I. Ponomarenko, *Schur rings over a Galois ring of odd characteristic*, J. Combin. Theory, **A117**, 827–841 (2010) (MR2012a:05342).
60. A. Rahnamai Barghi and I. Ponomarenko, *Non-isomorphic graphs with cospectral symmetric powers*, Electronic J. Combin., **16**, #R120 (2009) (MR2010m:05183).
61. A. Rahnamai Barghi and I. Ponomarenko, *The basis digraphs of  $p$ -schemes*, Graphs Combin., **25**, 265–271 (2009) (MR2011b:05288).
62. I. Ponomarenko and P.-H. Zieschang, *Preface. Association schemes: ideas and perspectives*, European J. Combin., **30**, no. 6, 1387–1391 (2009) (MR2535393).
63. S. Evdokimov and I. Ponomarenko, *Permutation group approach to association schemes*, European J. Combin., **30**, no. 6, 1456–1476 (2009) (M2010j:05423).
64. M. Muzychuk and I. Ponomarenko, *Schur rings*, European J. Combin., **30**, no. 6, 1526–1539 (2009) (MR2010k:20008).
65. A. Hanaki and I. Ponomarenko, *A modular absolute bound condition for primitive association schemes*, J. Algebraic Combin., **29**, no. 4, 447–456 (2009) (MR2010b:05188).
66. S. Evdokimov and I. Ponomarenko, *Schemes of a finite projective plane and their extensions*, Algebra Analiz, **21**, no. 1, 90–132 (2009). English translation in St. Petersburg Math. J., **21**, no. 1, 65–93 (2010) (MR2010i:05356).
67. J. Bagherian, I. Ponomarenko, and A. Rahnamai Barghi, *On cyclotomic schemes over finite near-fields*, Journal of Algebraic Combinatorics, **27**, 173–185 (2008) (MR2009c:05251).
68. S. Evdokimov and I. Ponomarenko, *Normal cyclotomic schemes over a finite commutative ring*, Algebra Analiz, **19**, 59–85 (2007). (Correction in: Algebra Analiz, **20**, no. 3, 243–244 (2008).) English translation in St. Petersburg Math. J., **19**, 911–929 (2008) (MR2009f:05270a).
69. I. Ponomarenko and A. Rahnamai Barghi, *On structure of  $p$ -schemes*, Zapiski Nauchnykh Seminarov POMI, **344**, 190–202 (2007). English translation in J. Math. Sci., **147**, no. 6, 7227–7233 (2007) (MR2009k:05198).
70. I. Ponomarenko and A. Rahnamai Barghi, *On amorphic  $C$ -algebras*, Zapiski Nauchnykh Seminarov POMI, **340**, 87–102 (2006). English translation in J. Math. Sci., **145**, no. 3, 4981–4988 (2007) (MR2008f:05214).

71. D. Grigoriev and I. Ponomarenko, *Constructions in public-key cryptography over matrix groups*, Contemp. Math., **418**, 103–120 (2006) (MR2010f:94221).
72. D. Grigoriev and I. Ponomarenko, *Homomorphic public-key cryptosystems and encrypting boolean circuits*, Applicable Algebra in Engineering, Communication and Computing, **17**, 239–255 (2006) (MR2008b:94067).
73. S. Evdokimov and I. Ponomarenko, *A new look at the Burnside-Schur theorem*, Bull. London Math. Soc., **37**, 535–546 (2005) (MR2006f:20004).
74. I. Ponomarenko, *Determination of the automorphism group of a circulant association scheme in polynomial time*, Zapiski Nauchnykh Seminarov POMI, **321**, 251–267 (2005). English translation in J. Math. Sci., **136**, no. 3, 3972–3979 (2006) (MR2005m:05241).
75. D. Grigoriev and I. Ponomarenko, *Homomorphic public-key cryptosystems over groups and rings*, Quaderni di Matematica, **13**, 305–326 (2004) (MR2006b:94027).
76. S. Evdokimov and I. Ponomarenko, *On the vertex connectivity of a relation in association scheme*, Zapiski Nauchnykh Seminarov POMI, **316**, 43–55 (2004). English translation in J. Math. Sci., **134**, no. 5, 2354–2357 (2006) (MR2005m:05239).
77. S. Evdokimov and I. Ponomarenko, *Recognizing and isomorphism testing circulant graphs in polynomial time*, Algebra Analiz, **15**, no. 6, 1–34 (2003). English translation in St. Petersburg Math. J., **15**, no. 6, 813–835 (2004) (MR2005g:68053).
78. D. Grigoriev and I. Ponomarenko, *On non-abelian homomorphic public-key cryptosystems*, Zapiski Nauchnykh Seminarov POMI, **293**, 39–58 (2002). English translation in J. Math. Sci., **126**, no. 3, 1158–1166 (2005) (MR2004a:94044).
79. S. Evdokimov and I. Ponomarenko, *Rings associated to finite projective planes and their isomorphisms*, Zapiski Nauchnykh Seminarov POMI, **289**, 207–213 (2002). English translation in J. Math. Sci., **124**, no. 1, 4792–4795 (2004) (MR2003g:51005).
80. S. Evdokimov and I. Ponomarenko, *Characterization of cyclotomic schemes and normal Schur rings over a cyclic group*, Algebra Analiz, **14**, no. 2, 11–55 (2002). English translation in St. Petersburg Math. J., **14**, no. 2, 189–221 (2003) (MR2003h:20005).
81. S. Evdokimov and I. Ponomarenko, *Two-closure of odd permutation group in polynomial time*, Discrete Math., **235/1-3**, 221–232 (2001) (MR2002c:20004).
82. S. Evdokimov and I. Ponomarenko, *On a family of Schur rings over a finite cyclic group*, Algebra Analiz, **13**, no. 3, 139–154 (2001). English translation in St. Petersburg Math. J., **13**, no. 3, 441–451 (2002) (MR2002i:16036).
83. S. Evdokimov, I. Ponomarenko, and G. Tinhofer, *Forestal algebras and algebraic forests (on a new class of weakly compact graphs)*, Discrete Math., **225**, 149–172 (2000) (MR2001k:05187).
84. S. Evdokimov and I. Ponomarenko, *Separability number and Schurity number of coherent configurations*, Electronic J. Combin., **7** (2000), #R31 (MR2001g:05108).
85. S. Evdokimov and I. Ponomarenko, *Isomorphism of coloured graphs with slowly increasing multiplicity of Jordan blocks*, Combinatorica, **19**, 321–333 (1999) (MR2001h:05070).
86. S. Evdokimov and I. Ponomarenko, *On primitive cellular algebras*, Zapiski Nauchnykh Seminarov POMI, **256**, 38–68 (1999). English translation in J. Math. Sci., **107**, no. 5, 4172–4191 (2001) (MR2000i:16060).
87. S. Evdokimov and I. Ponomarenko, *On highly closed cellular algebras and highly closed isomorphisms*, Electronic J. Combin., **6** (1999), #R18 (MR2000e:05160).

88. S. Evdokimov, M. Karpinski, and I. Ponomarenko, *Compact cellular algebras and permutation groups*, Discrete Math., **197/198**, 247–267 (1999) (MR99k:20004). (This paper has been selected for Discrete Mathematics - Editor’s Choice, 1999.)
89. S. Evdokimov, M. Karpinski, and I. Ponomarenko, *On a new high dimensional Weisfeiler-Lehman algorithm*, J. Algebraic Combin., **10**, 29–45 (1999) (MR2001i:05110).
90. S. Evdokimov and I. Ponomarenko, *On the geometric graph isomorphism problem*, J. Pure Appl. Algebra, **117 & 118**, 253–276 (1997) (MR99b:68146).
91. S. A. Evdokimov, I. N. Ponomarenko, and A. M. Vershik, *Algebras in Plancherel duality and algebraic combinatorics*, Funct. Anal. Appl., **31**, no. 4, 34–46 (1997). (MR2000d:46068)
92. S. Evdokimov and I. Ponomarenko, *Bases of primitive cellular algebras*, in: Proc. International Algebraic conference dedicated to the memory of D.K.Faddeev (1997), pp.45–46.
93. S. A. Evdokimov, I. N. Ponomarenko, and A. M. Vershik, *C-algebras and algebras in Plancherel duality*, Zapiski Nauchnykh Seminarov POMI, **240**, 53–66 (1997). English translation in J. Math. Sci., **96**, no. 5, 3478–3485 (1999) (MR2000e:16036).
94. S. Evdokimov and I. Ponomarenko, *Two inequalities for the parameters of a cellular algebra*, Zapiski Nauchnykh Seminarov POMI, **240**, 82–95 (1997). English translation in J. Math. Sci., **96**, no. 5, 3496–3504 (1999) (MR2000c:20017).
95. L. Babel, I. Ponomarenko, and G. Tinhofer, *The isomorphism problem for directed path graphs and for rooted directed path graphs*, J. Algorithms, **21**, 542–564 (1996) (MR98g:05102).
96. V. M. Buchshtaber, S. A. Evdokimov, I. N. Ponomarenko, and A. M. Vershik, *Combinatorial algebras and multivalued groups*, Funct. Anal. Appl., **30**, no. 3, 12–18 (1996) (MR97j:16045).
97. S. Evdokimov and I. Ponomarenko, *Transitive permutation groups with representations of bounded degree*, Zapiski Nauchnykh Seminarov POMI, **223**, 108–119 (1995). English translation in J. Math. Sci., **87**, no. 6, 4046–4053 (1997) (MR97h:20004).
98. L. Babel, G. Tinhofer, and I. Ponomarenko, *Directed path graph isomorphism*, Lect. Notes Comput. Sci., **903**, 395–406 (1994).
99. I. Ponomarenko, *Graph isomorphism problem and 2-closed permutation groups*, Applicable Algebra in Engineering, Communication and Computing, **5**, 9–22 (1994) (MR94m:20014).
100. I. Ponomarenko, *On an estimate for the order of primitive permutation groups*, Zapiski Nauchnykh Seminarov POMI, **215**, 256–263 (1994). English translation in J. Math. Sci., **85**, no. 1, 1722–1726 (1997) (MR96c:20007).
101. I. Ponomarenko, *Graph algebras and the graph isomorphism problem*, Applicable Algebra in Engineering, Communication and Computing, **5**, 277–286 (1994) (MR95c:05091).
102. D. A. Ugolev, T. V. Sokolova, and I. Ponomarenko, *Abstract non destructive chemical analyzer*, Vestnik LGU, **25**, 49–60 (1993).
103. I. Ponomarenko, *Polynomial-time algorithms for recognizing and isomorphism testing of cyclic tournaments*, Acta Appl. Math., **29**, 139–160 (1992) (MR94f:05142).
104. I. Ponomarenko, *Some problems in the theory of complexity of computations associated with relation algebras*, Zapiski Nauchnykh Seminarov POMI, **202**, 116–134 (1992) (MR95k:68081).
105. I. Ponomarenko, *Imprimitivity of a class of S-rings*, in: Mathematical methods for constructing and analyzing algorithms (Russian), “Nauka”, Leningrad (1990), pp. 154–162 (MR91k:20012).
106. V. Kirillin, A. Klubovich, and I. Ponomarenko, *i8031-Based Forth*, in: Rochester Forth Conference ”Embedded systems” (1990), pp.169.

107. I. Ponomarenko, *The isomorphism problem for classes of graphs*, Dokl. Akad. Nauk SSSR, **304**, no. 3, 552–556 (1989). English translation in Soviet Math. Dokl., **39**, 119–122 (1989) (MR90d:05103).
108. I. Ponomarenko, *The isomorphism problem for classes of graphs that are invariant with respect to contraction*, Zapiski Nauchnykh Seminarov LOMI, **174**, 147–177 (1988). English translation in J. Soviet Math., **55**, 1621–1643 (1991) (MR90a:05163).
109. P. Gilman, A. Kropov, G. Pevzner, and I. Ponomarenko, *System software for special logical controllers*, Distributed control systems, Trudy VNIIEP, 1988, 4.
110. I. Ponomarenko, *A polynomial isomorphism algorithm for graphs not contractible to  $K_{3,g}$* , Zapiski Nauchnykh Seminarov LOMI, **137**, 99–114 (1984) (MR86d:68060).