

Andrey V. Vasil'ev

List of main publications

1. Mazurov V.D. and Vasil'ev A.V. Minimal permutation representations of finite simple orthogonal groups. *Algebra Logic*, 1994, Vol. 33, no. 6, 337–350. DOI:10.1007/BF00756348
2. Vasil'ev A.V. Minimal permutation representations of finite simple exceptional groups of types G_2 and F_4 . *Algebra Logic*, 1996, Vol. 35, no. 6, 371–383. DOI:10.1007/BF02366397
3. Vasil'ev A.V. Minimal permutation representations of finite simple exceptional groups of types E_6 , E_7 and E_8 . *Algebra Logic*, 1997, Vol. 36, no. 5, 302–310. DOI:10.1007/BF02671607
4. Vasil'ev A.V. Minimal permutation representations of finite simple exceptional twisted groups. *Algebra Logic*, 1998, Vol. 37, no. 1, 9–20. DOI:10.1007/BF02684081
5. Vasil'ev A.V. Recognition of groups $G_2(3^n)$ by their element orders. *Algebra Logic*, 2002, Vol. 41, no. 2, 74–80. DOI:10.1023/A:1015300429047
6. Vasil'ev A.V. and Grechkoseeva M.A. On recognition of the finite simple orthogonal groups of dimension 2^m , $2^m + 1$ and $2^m + 2$ over a field of characteristic 2. *Sib. Math. J.*, 2004, Vol. 45, no. 3, 420–432. DOI:10.1023/B:SIMJ.0000028607.23176.5f
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11. Vasil'ev A.V. and Vdovin E.P. An adjacency criterion for the prime graph of a finite simple group. *Algebra Logic*, 2005, Vol. 44, no. 6, 381–406. DOI:10.1007/s10469-005-0037-5
12. Grechkoseeva M.A., Lucido M.S., Mazurov V.D., Moghaddamfar A.R., Vasil'ev A.V. On recognition of the projective special linear groups over the binary field. *Sib. El. Math. Rep.*, 2005, Vol. 2, 253–263. WOS:000440381200034
13. Chen G.Y., Mazurov V.D., Shi W.J., Vasil'ev A.V., and Zhurtov A.Kh. Recognition of the finite almost simple groups $PGL_2(q)$ by their spectrum. *J. Group Theory*, 2007, Vol. 10, 71–85. DOI:10.1515/JGT.2007.007
14. Grechkoseeva M.A., Shi W.J., and Vasil'ev A.V. Recognition by spectrum of $L_{16}(2^m)$. *Algebra Colloq.*, 2007, Vol. 14, no. 4, 585–591. DOI:10.1142/S1005386707000533

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18. Vasil'ev A.V., Gorshkov I.B., Grechkoseeva M.A., Kondrat'ev A.S., and Staroletov A.M. On recognition by spectrum of finite simple groups of types B_n , C_n , and 2D_n with $n = 2^k$. *Proc. Steklov Inst. Math.*, 2009, Vol. 267, Suppl. 1, 218–233. DOI:10.1134/S0081543809070207
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