Publikationsliste

A) Bücher (Autor)

1. Bogopolski O., *Introduction to Group Theory*, European Mathematical Society Publishing House, Zürich, February 2008, 177 pages. (This is an extended English edition of the next book in the list.)

2. Bogopolski O.V., *Introduction to Group Theory*, Scientific-publishing Center "Institute of Computer Science", Moscow-Izevsk, 2002, 148 pages (in Russian).

B) Bücher (Herausgeber)

3. Bogopolski O.V., ed. of the translation (in Russian) and the author of the preface to the book of M. Gromov, *Hyperbolic groups*, Scientific-publishing Center "Institute of Computer Investigations", Moscow-Izevsk, 2002. (Translated from: M. Gromov, *Hyperbolic groups*, Essays in group theory [S. M. Gersten, ed.], MSRI Publ. 8, Springer-Verlag, 1987, 75–263.)

4. Bogopolski O.V., Bumagin I., Kharlampovich O., Ventura E. (eds.), "Combinatorial and Geometric Group Theory. Dortmund and Ottawa-Montreal conferences", New Trends in Mathematics, Birkhäuser, 2010.

   http://www.springer.com/birkhauser/mathematics/book/978-3-7643-9910-8

5. Bogopolski O., Kharlampovich O., Myasnikov A., Sapir M. (eds.), Proceedings of the conference "Geometric and Asymptotic Group Theory with Applications" (GAGTA-5), International Journal of Algebra and Computation (special issue), Vol. 22, N 8, 2012.

C) Artikel und Preprints

6. Bogopolski O., Maslakova O., *A basis of the fixed point subgroup of an automorphism of a free group*, Preprint (2012), 64 pages.

   Available at http://arxiv.org/pdf/1204.6728.pdf

7. Bogopolski O., Singhof W., *Generalized presentations of infinite groups, in particular of* $\mathrm{Aut}(F_\omega)$, Intern. Journal of Algebra and Computation, v. 22, n. 8 (2012), 39 pages.

   DOI: 10.1142/S0218196712400012

   Available at http://arxiv.org/pdf/1107.1332.pdf

8. Bogopolski O., *Abstract commensurators of solvable Baumslag-Solitar groups*, Communications in Algebra, v. 40, issue 7 (2012), 2494-2502.

9. Bogopolski O., Zastrow A., *The word problem for some uncountable groups given by countable words*, Topology and its Applications, v. 159, issue 3 (2012), 569-586.

10. Bogopolski O., Ventura E., *On endomorphisms of torsion-free hyperbolic groups*, International Journal of Algebra and Computations, v. 21, n. 8 (2011), 1415-1446.

11. Bogopolski O., Grunewald F., *On subgroup conjugacy separabiltiy in the class of virtually free groups*, Max-Planck-Institute of Mathematics Preprint Series, n. 110 (2010), 18 pages.

12. Bartholdi L., Bogopolski O., *On abstract commensurators of groups*, Journal of Group Theory, v. 13, n. 6 (2010), 903-922.

13. Bogopolski O., Ventura E., *A recursive presentation for Mihailova's subgroup*, Groups, Geometry and Dynamics, v. 4, Issue 3 (2010), 407-417.

14. Bogopolski O., Vikentiev R., *Subgroups of small index in* $\mathrm{Aut}(F_n)$ *and the Kazhdan property* (T), in "Combinatorial and Geometric Group Theory. Dortmund and Ottawa-Montreal conferences", Bogopolski O.V., Bumagin I., Kharlampovich O., Ventura E. (eds.), pp. 1-17; New Trends in Mathematics, Birkhäuser, 2010.

15. Bogopolski O., Martino A., Ventura E., *Orbit decidability and the conjugacy problem for some extensions of groups*, Transactions of the American Mathematical Society, v. 362, no. 4 (2010), 2003-2036.

16. Bogopolski O., Sviridov K., *A Magnus theorem for some one-relator groups.* In the Geometry and Topology Monograph. The Zieschang Gedenkschrift (ed. R. Weidmann, M. Boileau, M. Scharlemann), v. 14 (2008), 63-73.

17. Bogopolski O., Ventura E., *The mean Dehn functions of abelian groups.* Journal of Group Theory, v. 11, n. 4 (2008), 569-586.

18. Baumslag G., Bogopolski O., Fine B., Gaglione A., Rosenberger G., Spellman D., *On some finiteness properties in infinite groups*, Algebra Colloquium, 15, n. 1 (2008), 1-22.

19. Bogopolski O., *The conjugacy problem for some extensions of groups and a presentation of Mihailova's subgroup*, Oberwolfach Reports (EMS Publishing House), v. 5, issue 2 (2008), pp. 1580-1583.

20. Bogopolski O., Buskin N., Buturlakin A., *A classification, up to hyperbolicity, of groups given by* 2 *generators and one relator of length* 8, Preprint N 764 of CRM (Centre de Recerca Matematica), Barcelona, 2007, 16 pages.
Available at http://www.crm.cat

21. Bogopolski O., Martino A., Ventura E., *The automorphism group of a free-by-cyclic group in rank 2*, Communications in Algebra, v. 35, issue 5 (2007), 1675-1690.

22. Bogopolski O., Martino A., Maslakova O., Ventura E., *Free-by-cyclic groups have solvable conjugacy problem*, Bulletin of the London Math. Soc., v. 38, part 5 (2006), 787-794.

23. Bogopolski O., *A surface group analogue of a theorem of Magnus*, in "Geometric Methods in Group Theory", Contemp. Math., vol. 372, Amer. Math. Soc., Providence, RI, 2005, pp. 59-69.

24. Bogopolski O., Kudrjavtseva E. and Zieschang H., *Simple curves and an analog of a theorem of Magnus for surface groups* , Mathematische Zeitschrift, Heft 247, No. 3 (2004), 595-609.

25. Bogopolski O.V., *Decompositions of fundamental groups of compact surfaces into free constructions*, Geometriae Dedicata, v. 94 (2002), 63-89.

26. Bogopolski O. and Weidmann R., *On the uniqueness of factors of amalgamated products*, J. Group Theory, v. 5 (2002), 233–240.

27. Bogopolski O.V. and Puga D.V., *On embeddings of* $\mathrm{Out}(F_n)$*, the outer automorphism group of the free group of rank* n*, into* $\mathrm{Out}(F_m)$ *for* $m > n$, Algebra and Logic, v. 41, no. 2 (2002), 69–73.

28. Bogopolski O.V., *The automorphic conjugacy problem for subgroups of fundamental groups of compact surfaces*, Algebra and Logic, v. 40, no. 1 (2001), 17–33.

29. Bogopolski O.V., *Classification of automorphisms of the free group of rank 2 by ranks of fixed-point subgroups*, J. Group Theory, v. 3, no. 3 (2000), 339–351.

30. Bogopolski O.V., *Infinite commensurable hyperboloic groups are bi-Lipschitz equivalent*, Algebra and Logic, v. 36, no. 3 (1997), 155–163.

31. Bogopolski O.V., *Classification of actions of finite groups on orientable surface of genus 4*, Proceedings of the Institute of Mathematics of Siberian Branch of Russian Academy of Sciences, v. 30 (1996), 48–69 (in Russian), English translation in: Siberian Advances in Mathematics, v. 7, no. 4 (1997), 9–38.

32. Bogopolski O.V., *Generalized ends of hyperbolic groups*, Bericht Nr. 207, August 1996, Fakultät für Mathematik der Ruhr-Universität Bochum, 13 pages.

33. Bogopolski O.V. and Gerasimov V.N., *Finite subgroups of hyperbolic groups*, Algebra and Logic, v. 34, no. 6 (1995), 343–345.

34. Bogopolski O.V., *Almost free groups and the M. Hall property*, Algebra and Logic, v. 33, no. 1 (1994), 1–13.

35. Bogopolski O.V. and Vasil'ev V.A., *On the multiplicity of illumination of convex bodies by point sources*, Math. Notices, v. 54, no. 4 (1993), 987–991.

36. Bogopolski O.V., *Finitely generated groups with the M. Hall property*, Algebra and Logic, v. 31, no. 3 (1992), 141–169.

37. Bogopolski O.V., *On the conjugacy problem for automorphisms of free groups*, Algebra and Logic, v. 28, no. 1 (1989), 10–17.

38. Bogopolski O.V., *On stabilizers of quadratic words in the automorphism group of a free group*, deposited in the Institute of Scientific and Technical Information of USSR, no. 5488-B87, 1987, 19 pages (in Russian).

39. Bogopolski O.V., *Stabilizer of the product of two commutators in the automorphism group of free group of rank four*, Preprint no. 13, 1987, Novosibirsk, Institute of Mathematics of Siberian Branch of the USSR Academy, 26 pages (in Russian).

40. Bogopolski O.V., *Arboreal decomposability of groups of automorphisms of free groups*, Algebra and Logic, v. 26, no. 2 (1987), 79–91.

D) Eine Dissertation und zwei Habilitationsschriften

41. Bogopolski O., *Lösbarkeit und Unlösbarkeit einiger algorithmischer Probleme de Gruppentheorie*, Habilitationsschrift, Heinrich-Heine-Universität Düsseldorf, 2010, 148 Seiten.

42. Bogopolski O., *Decompositions and automorphisms of fundamental groups of compact surfaces*, Habilitation in Russland, Novosibirsk, Institute of Mathematics of Siberian Branch of Russian Academy of Sciences, 2000, 142 Seiten (in russisch).

43. Bogopolski O., *Automorphisms of free groups*, Ph.D. dissertation, Novosibirsk, Institute of Mathematics of Siberian Branch of the USSR Academy of Sciences, 1988, 83 Seiten (in russisch).

E) Populäre mathematische Artikel

44. Bogopolski O., *Mikhail Gromov. Premi Abel 2009*, SCM Noticies [Societat Catalana de Matematiques Noticies], Numero 27 (2009), 39-40.