

# Publications of V.N. Remeslennikov

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[2010](#) [2011](#) [2012](#) [2013](#) [2014](#) [2015](#) [2016](#) [works in progress](#)

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1960

1. M.I. Kargapolov, Yu.I. Merzlyakov, V.N. Remeslennikov, *On completions of groups* // Proc. of AS USSR, **134** (1960), 518–520 (in Russian)
2. M.I. Kargapolov, Yu.I. Merzlyakov, V.N. Remeslennikov, *On a method of group completion* // Notes of Perm University, **17** №2 (1960), 9–11 (in Russian)

---

1965

3. V.N. Remeslennikov, *Two remarks on nilpotent groups of class 3* // Algebra and Logic, **4** №2 (1965), 59–65 (in Russian)

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1966

4. M.I. Kargapolov, V.N. Remeslennikov, *The conjugacy problem for free solvable groups* // Algebra and Logic, **5** №6 (1966), 15–25 (in Russian)

---

1967

5. V.N. Remeslennikov, *Conjugacy of subgroups in nilpotent groups* // Algebra and Logic, **6** №2 (1967), 61–76 (in Russian)
6. V.N. Remeslennikov, *Residual finiteness of wreath products with respect to conjugacy* // Abstracts of VIII All-Union Colloq. on General Algebra, Riga, 1967 (in Russian)
7. V.N. Remeslennikov, *Conjugacy in solvable groups* // Ph.D. Thesis, Novosibirsk, 1967, 49 p. (in Russian)

---

1968

8. M.I. Kargapolov, Yu.I. Merzlyakov, V.N. Remeslennikov, *Foundations of group theory. Part 1* // Novosibirsk, 1968, 206 p. (in Russian)
9. V.N. Remeslennikov, *Finite approximability of metabelian groups* // Algebra and Logic, **7** №4 (1968), 268–272 [ENG](#)

10. V.N. Remeslennikov, *Letter to the editor* // Algebra and Logic, **7** №3 (1968), p. 203 [ENG](#)

---

1969

11. V.N. Remeslennikov, *On residual finiteness of free products of groups with respect to conjugacy* // Conf. Abstracts. V.1., Novosibirsk, 1969 (in Russian)
12. V.N. Remeslennikov, *Representation of finitely generated metabelian groups by matrices* // Algebra and Logic, **8** №1 (1969), 39–40 [ENG](#)
13. M.I. Kargapolov, V.N. Remeslennikov, N.S. Romanovskii, V.A. Roman'kov, V.A. Churkin, *Algorithmic problems in O-exponential groups* // Algebra and Logic, **8** №6 (1969), 364–373 [ENG](#)
14. V.N. Remeslennikov, *Conjugacy in polycyclic groups* // Algebra and Logic, **8** №6 (1969), 404–411 [ENG](#)

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1970

15. V.N. Remeslennikov, V.G. Sokolov, *Some properties of Magnus embedding* // Algebra and Logic, **9** №5 (1970), 342–349 [ENG](#)

---

1971

16. V.N. Remeslennikov, *Residual finiteness of groups with respect to conjugacy* // Sib. Math. J., **12** №5 (1971), 783–792 [ENG](#)
17. V.N. Remeslennikov, *Finitely presented metabelian groups* // Abstracts of IV Kazakhstan Conf. on Math. Part 1, Alma-Ata, 1971 (in Russian)

---

1972

18. V.N. Remeslennikov, *An example of a finitely presented solvable group without the maximality condition for normal subgroups* // Math. Notes, **12** №3 (1972), 606–609 [ENG](#)

---

1973

19. V.N. Remeslennikov, *On finitely presented groups* // Proc. of IV All-Union Symposium on Group Theory, Novosibirsk, 1973, 164–169 (in Russian)
20. V.N. Remeslennikov, *Example of a finitely presented group with the undesirable word problem in the variety  $A^5$*  // Algebra and Logic, **12** №5 (1973), 327–346 [ENG](#)

- 
21. V.N. Remeslennikov, *Finitely presented group whose center is not finitely generated* // Algebra and Logic, **13** №4 (1974), 258–264 [ENG](#)
  22. V.N. Remeslennikov, *Investigations in residually finite and infinite solvable groups* // Doctor of Sci. Thesis, Novosibirsk, 1974, 152 p. [ENG](#)

- 
23. V.N. Remeslennikov, *Infinite solvable and residually finite groups* // Math. Notes, **17** (1975), 489–492
  24. A.S. Kirkinskii, V.N. Remeslennikov, *The isomorphism problem for solvable groups* // Math. Notes, **18** №3 (1975), 849–852 [ENG](#)
  25. Yu.L. Ershov, Yu.I. Merzlyakov, V.N. Remeslennikov, *Preface to the third edition: A.I. Maltsev, Foundations of linear algebra* // Nauka, Moscow, 1975

- 
26. V.N. Remeslennikov, *Algebraic complement* // Math. Encyclopedia. V.1, Moscow, 1977, p. 188 (in Russian)
  27. V.N. Remeslennikov, *Algebraic closure* // Math. Encyclopedia. V.1, Moscow, 1977, p. 188 (in Russian)
  28. V.N. Remeslennikov, *The fundamental theorem of algebra* // Math. Encyclopedia. V.1, Moscow, 1977, 199–200 (in Russian)
  29. V. Voskresenskii, V.N. Remeslennikov, *Bezout's theorem* // Math. Encyclopedia. V.1, Moscow, 1977, p. 400 (in Russian)
  30. V.N. Remeslennikov, *Vandermonde determinant* // Math. Encyclopedia. V.1, Moscow, 1977, p. 578 (in Russian)
  31. V.N. Remeslennikov, *Viète theorem* // Math. Encyclopedia. V.1, Moscow, 1977, 693–694 (in Russian)
  32. V.N. Remeslennikov, *Inner automorphism* // Math. Encyclopedia. V.1, Moscow, 1977, 724 (in Russian)
  33. V.N. Remeslennikov, *Totally characteristic subgroup* // Math. Encyclopedia. V.1, Moscow, 1977, p. 764 (in Russian)
  34. V.N. Remeslennikov, T.S. Fofanova, L.I. Shevrin, *Principal ideal* // Math. Encyclopedia. V.1, Moscow, 1977, p. 1017 (in Russian)
  35. V.N. Remeslennikov, *Holomorph of a group* // Math. Encyclopedia. V.1, Moscow, 1977, p. 1028 (in Russian)

36. V.N. Remeslennikov, *Horner's method* // Math. Encyclopedia. V.1, Moscow, 1977, p. 1078 (in Russian)

1978

---

37. M.I. Kargapolov, V.D. Mazurov, Yu.I. Merzlyakov, V.N. Remeslennikov, *Group theory* // Fund. Researches. Phys.-Math. and Tech. Sci., Novosibirsk: Nauka, 1978 (in Russian)
38. L.A. Bokut', Yu.L. Ershov, A.I. Mal'tsev, V.N. Remeslennikov, *Algorithmic problems in algebra* // Fund. Researches. Phys.-Math. and Tech. Sci., Novosibirsk: Nauka, 1978 (in Russian)
39. V.N. Remeslennikov, *On a problem for nilpotent groups and rings* // Abstracts of Conf., Kiev, 1978 (in Russian)
40. Yu.I. Merzlyakov, V.D. Mazurov, V.N. Remeslennikov, *Department of group theory: problems and achievements* // "For Science in Siberia", **48** (1978) (in Russian)

1979

---

41. V.N. Remeslennikov, *Embedding theorems for profinite groups* // Proc. of AS USSR. Ser. "Mathematics", **43** №2 (1979), 399–417 (in Russian)
42. V.N. Remeslennikov, *On one algorithmic problem for nilpotent groups and rings* // Sib. Math. J., **20** №5 (1979), 761–764 [ENG](#)

1980

---

43. V.N. Remeslennikov, *An example of finitely presented pro-p-group whose centre is not finitely generated* // Proc. of VI All-Union Symposium on Group Theory, Cherkassy, 1980 (in Russian)
44. V.N. Remeslennikov, N.S. Romanovskii, *Algorithmic problems for solvable groups* // "Word Problems. II", North-Holland Publishing Company, 1980, 337–346
45. V.N. Remeslennikov, *Nonstandard free products* // Abstracts of VII All-Union Symposium, Krasnoyarsk, 1980, p. 97 (in Russian)
46. V.N. Remeslennikov, V.A. Roman'kov, *From the editors of translation* // R. Lyndon, P. Shupp, Combinatorial group theory, Moscow: Mir, 1980 (in Russian)

1981

---

47. A.G. Myasnikov, V.N. Remeslennikov, *Classification of finitely generated nilpotent groups up to elementary properties* // Proc. of IM SB AS USSR. V.2. Math. Logic and Algorithm Theory, Novosibirsk: Nauka, 1981, 56–87 (in Russian)

48. A.G. Myasnikov, V.N. Remeslennikov, *Isomorphism and elementary properties of exponential nilpotent groups* // Proc. of AS USSR, **258** №5 (1981), 1056–1059 (in Russian)
49. A.G. Myasnikov, V.N. Remeslennikov, *Formula definability of sets of Malcev bases* // Abstracts of XVI All-Union Algebraic Conf. V.1, Leningrad, 1981, 113–114 (in Russian)

---

1982

50. V.N. Remeslennikov, *Minor* // Math. Encyclopedia. V.3, Moscow, 1982, p. 703 (in Russian)
51. V.N. Remeslennikov, *Noetherian group* // Math. Encyclopedia. V.3, Moscow, 1982, p. 1026 (in Russian)
52. G.A. Noskov, V.N. Remeslennikov, V.A. Roman'kov, *Infinite groups* // J. Math. Sci., **18** №5 (1982), 669–735 [ENG](#)
53. A.G. Myasnikov, V.N. Remeslennikov, *Formula definability of sets of Mal'tsev bases, and elementary theory of finite-dimensional algebras. Part I* // Sib. Math. J., **23** №5 (1982), 711–724 [ENG](#)

---

1983

54. A.G. Myasnikov, V.N. Remeslennikov, *Formula definability of sets of Mal'tsev bases, and elementary theory of finite-dimensional algebras. Part II* // Sib. Math. J., **24** №2 (1983), 231–246 [ENG](#)

---

1984

55. A.G. Myasnikov, V.N. Remeslennikov, *Finite-dimensional algebras and  $k$ -groups of finite rank* // Contemporary Math., **33** (1984), 436–453
56. A.G. Myasnikov, V.N. Remeslennikov, *Elementary theories of nilpotent pro- $p$ -groups* // Abstracts of IX All-Union Symposium on Group Theory, Moscow, 1984 (in Russian)

---

1985

57. V.N. Remeslennikov, V.A. Roman'kov, *Model-theoretic and algorithmic problems in group theory* // J. Math. Sci., **31** №3 (1985), 2887–2939 [ENG](#)

---

1986

58. A.G. Myasnikov, V.N. Remeslennikov, *Elementary equivalence of groups with integral length function* // Illinois J. Math., **30** №2 (1986), 335–354

59. A.G. Myasnikov, V.N. Remeslennikov, *Elementary equivalence of free products of groups with a length function in the signature* // Abstracts of X All-Union Symposium on Group Theory, Minsk, 1986 (in Russian)
60. V.N. Remeslennikov, *Varieties of algebraic structures* // Preprint №647, CC SB AS USSR, Novosibirsk, 1986, 33–34 (in Russian)
61. V.N. Remeslennikov, V.A. Roman'kov, *Cohomologies of profinite groups* // Omsk: OmsU, 1986, 65 p. (in Russian)
62. G.P. Kukin, G.A. Noskov, V.N. Remeslennikov, *Fourth regional school on theory of varieties of algebraic structures* // UMN, **42** №2 (1987), 267–268 (in Russian)  
[RUS](#)

---

1987

63. A.G. Myasnikov, V.N. Remeslennikov, *Elementary equivalence of free products of groups* // Preprint №18, CC SB AS USSR, Novosibirsk, 1987, 20 p. (in Russian)
64. A.G. Myasnikov, V.N. Remeslennikov, *Elementary equivalence of free operator groups with a length function and finitely generated groups of operators* // Computable invariants of algebraic structures theory, Novosibirsk, CC SB AS USSR, 1987, 10 p. (in Russian)

---

1988

65. A.G. Myasnikov, V.N. Remeslennikov, *Admissible sets and group constructions* // Proc. of IX All-Union Conf. on Math. Logic, Leningrad: Nauka, 1988 (in Russian)
66. A.G. Myasnikov, V.N. Remeslennikov, *Admissible sets in group theory* // Preprint №803, CC SB AS USSR, Novosibirsk, 1988, 25 p. (in Russian)
67. A.G. Myasnikov, V.N. Remeslennikov, *Recursive  $p$ -adic numbers and elementary theories of finitely generated pro- $p$ -groups* // Proc. of AS USSR, Ser. "Mathematics", **30** №3 (1988) (in Russian) [RUS](#)

---

1989

68. A.G. Myasnikov, V.N. Remeslennikov, *Structure of models and decidability criteria of complete theories of finite-dimensional algebras* // Proc. of AS USSR, Ser. "Mathematics", **53** №2 (1989), 379–397 (in Russian)
69. A.G. Myasnikov, V.N. Remeslennikov, *Model-theoretical problems in group theory* // Minsk, Problems of Algebra, **4** (1989) (in Russian)
70. V.N. Remeslennikov, *Finitely generated groups that are  $\exists$ -equivalent to a free group* // Abstracts of XI All-Union Symposium on Group Theory, Sverdlovsk, 1989 (in Russian)
71. V.N. Remeslennikov,  *$\exists$ -free groups* // Sib. Math. J., **30** №6 (1989), 998–1001 [ENG](#)

1990

---

72. A.G. Myasnikov, V.N. Remeslennikov, *Logic of finite types in group theory* // Novosibirsk, Bull. Sib. Math. Sos., **1** (1990), 18–25 (in Russian)
73. V.N. Remeslennikov, *On Kargapolov's problems* // Selected Proc. of M.I. Kargapolov, Novosibirsk: Nauka, 1990, 188–201 (in Russian)
74. O.V. Mel'nikov, V.N. Remeslennikov, V.A. Roman'kov, *Group theory. Series "Reference literature in mathematics". Algebra. V.1* // Moscow: Nauka, 1990, 66–209 (in Russian)

1991

---

75. V.N. Remeslennikov, A.N. Zubkov, *Equations in groups with a length function* // Ukrainian Math. J., **43** №№7–8 (1991), 872–878 [ENG](#)

1992

---

76. V.N. Remeslennikov,  $\exists$  - free groups as groups with a length function // Ukrainian Math. J., **44** №6 (1992), 733–738 [ENG](#)
77. A.G. Myasnikov, V.N. Remeslennikov, *Weak second order logic in group theory* // Contemporary Math., **131** №1 (1992), 273–278
78. A.G. Myasnikov, V.N. Remeslennikov, *Admissible sets in group theory* // Algebra and Logic, **31** №4 (1992), 248–261 [ENG](#)

1993

---

79. A.G. Myasnikov, V.N. Remeslennikov, *Exponential Groups 1* // Preprint №8, IITAM SB RAS, Omsk: ОмГУ, 1993, 25 p. (in Russian)
80. A.G. Myasnikov, V.N. Remeslennikov, *Exponential Groups 1: Foundations of the theory and tensor completion* // Preprint №9, IITAM SB RAS, Omsk, 1993, 25 p.
81. M.G. Amaglobeli, V.N. Remeslennikov, *Exponential Groups 2: Groups that are faithful under tensor completion* // Preprint №11, IITAM SB RAS, Omsk: ОмСУ, 1993, 20 p. (in Russian)
82. M.G. Amaglobeli, V.N. Remeslennikov, *Groups that are faithful under tensor completion* // Proc. of III Intern. Conf. on Algebra, Krasnoyarsk, 1993, 11–12 (in Russian)

1994

---

83. M.G. Amaglobeli, V.N. Remeslennikov, *Algorithmic problems for nilpotent groups of class 2* // Abstracts of Intern. Conf. on Math. Logic, Novosibirsk, 1994, 8–9 (in Russian)

84. A.V. Makarov, V.N. Remeslennikov, *HF-theory of well-ordered sets* // Abstracts of Intern. Conf. on Math. Logic, Novosibirsk, 1994, p. 64 (in Russian)
85. N.G. Gorokhovsaya, V.N. Remeslennikov, *On the notion "to be a free algebra"* // Abstracts of Intern. Conf. on Math. Logic, Novosibirsk, 1994, 84–85 (in Russian)
86. A.G. Myasnikov, V.N. Remeslennikov, *Groups with a free length functions* // Preprint, The City College of New York, 1994, 7 p.
87. A.G. Myasnikov, V.N. Remeslennikov, *Exponential groups* // Preprint, The City College of New York, 1994, 17 p.
88. A.G. Myasnikov, V.N. Remeslennikov, *Exponential groups I: Foundations of the theory and tensor completions* // Sib. Math. J., **35** №5 (1994), 986–996 [ENG](#)
89. A.G. Myasnikov, V.N. Remeslennikov, *Exponential groups: Iterated tree extensions of centralizers* // Preprint №16, Omsk, 1994, 36 p.

---

1995

90. V.Ya. Belyaev, E.E. Lyutikova, V.N. Remeslennikov, *Categoricity of finitely generated algebraic systems in HF-logic* // Algebra and Logic, **34** №1 (1995), 6–17 [RUS](#) [ENG](#)
91. O. Kharlampovich, A. Myasnikov, V. Remeslennikov, *Logical languages and axioms for groups* // Preprint №20, Omsk, 1995, 8 p.
92. N.G. Gorokhovsaya, V.N. Remeslennikov, *On the notion "to be a free algebra" in HF-logic* // Preprint №23, Omsk, 1995, 21 p., ISBN 5-230-13722-3 (in Russian)
93. A.G. Myasnikov, V.N. Remeslennikov, *Length functions on free exponential groups* // Proc. of Intern. Conference "Groups in Analysis and Geometry", Omsk, 1995, 59–61 (in Russian)
94. G. Baumslag, A.G. Myasnikov, V.N. Remeslennikov, *Residually hyperbolic groups* // Preprint №24, IITAM SB RAS, Omsk, 1995, 35 p., ISBN 5-230-13731-2
95. V.N. Remeslennikov,  *$\exists$ -free groups and groups with length function* // II Intern. Conf. on Algebra (Barnaul, 1991); Contemporary Math., Amer. Math. Soc., Providence, RI, 1995, 369–376

---

1996

96. A.G. Myasnikov, V.N. Remeslennikov, *Exponential groups 2: Extension of centralizers and tensor completion of CSA-groups* // Intern. J. Algebra and Computation, **6** №6 (1996), 687–711, arXiv:math/9507203 [math.GR] [ENG](#)
97. M.G. Amaglobeli, V.N. Remeslennikov, *Nilpotent A-groups of class 2* // Preprint №16, Novosibirsk: NII MIOO, 1996, 19 p., ISBN 5-230-13731-2 (in Russian)



- 98.** V.Ya. Belyaev, D.A. Pechkin, V.N. Remeslennikov, *Software for mathematical logic* // Proc. of Intern. Math. Conf., Novosibirsk, 1996, 37–39 (in Russian)
- 99.** G. Baumslag, A.G. Myasnikov, V.N. Remeslennikov, *Approximation theorems for exponential groups* // Abstracts of Intern. Conference on Industr. Math., Novosibirsk, 1996 (in Russian)
- 100.** A.G. Myasnikov, V.N. Remeslennikov, *Length functions on free exponential groups* // Preprint №26, IITAM SB RAS, Omsk, 1996, 34 p., ISBN 5-7779-0026-7
- 101.** A.G. Myasnikov, V.N. Remeslennikov, *Exponential groups* // Preprint №27, IITAM SB RAS, Omsk, 1996, 18 p., ISBN 5-7779-0027-5

---

1997

- 102.** A.M. Gaglione, A. Myasnikov, V. Remeslennikov, D. Spellman, *Formal power series representations of free exponential groups* // Communications in Algebra, **25** №2 (1997), 631–648

---

1998

- 103.** G. Baumslag, A. Myasnikov, V. Remeslennikov, *Dimensions and coordinate groups for a product of irreducible algebraic sets* // Combinatorial and computational methods in mathematics, Omsk, 1998, 24–26

---

1999

- 104.** G. Baumslag, A. Miasnikov, V.N. Remeslennikov, *Algebraic geometry over groups I: Algebraic sets and ideal theory* // J. Algebra, **219** (1999), 16–79 [ENG](#)
- 105.** G. Baumslag, A. Miasnikov, V.N. Remeslennikov, *Malnormality is decidable in free groups* // Intern. J. Algebra and Computation, **9** №6 (1999), 687–692 [ENG](#)
- 106.** A. Myasnikov, V.N. Remeslennikov, *Big powers and free-like groups* // Preprint, 1999 [ENG](#)

---

2000

- 107.** G. Baumslag, A. Miasnikov, V.N. Remeslennikov, *Algebraic geometry over groups* // Algorithmic problems in groups and semigroups (Lincoln, NE, 1998), 35–50; Trends in Math., Birkh er Boston, Boston, MA, 2000, 51–90 [ENG](#)
- 108.** I.M. Chiswell, V.N. Remeslennikov, *Equations in free groups with one variable* // J. Group Theory, **3** №4 (2000), 445–466 [ENG](#)
- 109.** G. Baumslag, A. Myasnikov, V. Remeslennikov, *Discriminating and co-discriminating groups* // J. Group Theory, **3** №4 (2000), 467–479 [ENG](#)

- 110.** M.G. Amaglobeli, V.N. Remeslennikov, *G-identities and G-varieties* // Algebra and Logic, **39** № 3 (2000), 141–154 [ENG](#)
- 111.** A. Myasnikov, V. Remeslennikov, *Algebraic geometry over groups II: Logical foundations* // J. Algebra, **234** (2000), 225–276 [ENG](#)
- 112.** E.S. Esyp, V.N. Remeslennikov, *On coordinate groups of systems of equations over free groups* // Preprint №31, Omsk: OmGAU, 2000, 8 p. (in Russian)
- 113.** M.G. Amaglobeli, V.N. Remeslennikov, *G-identities and G-varieties* // Abstracts of Intern. Algebraic Conf., Moscow, 2000, 49–50 (in Russian)

---

2001

- 114.** V.N. Remeslennikov, *Dimension of algebraic sets over a free metabelian group* // Fund. and App. Math., **7** № 3 (2001), 873–885 (in Russian) [RUS](#)
- 115.** I.A. Belenkov, D.Yu. Mosunov, V.N. Remeslennikov,  *$\mathbb{Z}^2$ -free groups and graphs of their subgroups* // Preprint №35, Omsk: OmGAU, 2001 (in Russian)
- 116.** E.Yu. Daniyarova, I.V. Kazachkov, V.N. Remeslennikov, *Algebraic geometry over free metabelian Lie algebra I: U-algebras и A-modules* // Preprint № 34, Omsk: OmGAU, 2001, 25 p. (in Russian)
- 117.** V.N. Remeslennikov, N.S. Romanovskii, *Quasivarieties and q-compact classes of abelian groups* // Algebra and Logic, **40** №6 (2001), 378–383 [RUS](#) [ENG](#)
- 118.** V. Remeslennikov, R. Stöhr, *On quasivariety generated by a free non-cyclic metabelian group* // Preprint, Manchester, UMIST, 2001, 25 p.

---

2002

- 119.** A.V. Borovik, E.S. Esyp, I.V. Kazatchkov, V.N. Remeslennikov, *Knuth-Bendix algorithm and word problem for soot groups* // Preprint, Manchester, UMSIT, 2002
- 120.** E.S. Esyp, I.V. Kazachkov, V.N. Remeslennikov, *Solution of the word and conjugacy problems in semifree groups* // Proc. Intern. Sem. "Algebra and linear optimization", Ekaterinburg, 2002, 106–110 (in Russian)
- 121.** G. Baumslag, A. Myasnikov, V. Remeslennikov, *Discriminating completions of hyperbolic groups* // Geometriae Dedicata, **92** №1 (2002), 115–143 [ENG](#)

---

2003

- 122.** A.V. Borovik, A.G. Myasnikov, V.N. Remeslennikov, *Multiplicative measures on free groups* // Internat. J. Algebra and Computation, **13** №6 (2003), 705–731, arXiv:math/0204070 [math.GR] [ENG](#)

- 123.** M.G. Amaglobeli, V.N. Remeslennikov, *G-free metabelian nilpotent groups* // Proc. of RAS, **399** №3 (2004), 295–297 (in Russian)
- 124.** O.G. Kharlampovich, A.G. Myasnikov, V.N. Remeslennikov, D.E. Serbin, *Subgroups of fully residually free groups: algorithmic problems* // Contemporary Math., Group Theory, Statistics and Cryptography, Amer. Math. Soc., Providence, RI, **360** (2004), 63–101 [ENG](#)
- 125.** V.N. Remeslennikov, N.S. Romanovskii, *Metabelian products of groups* // Algebra and Logic, **43** №3 (2004), 190–197 [RUS](#) [ENG](#)
- 126.** V. Remeslennikov, R. Stöhr, *On the quasivariety generated by a non-cyclic free metabelian group* // Algebra Colloq., **11** №2 (2004), 191–214 [ENG](#)
- 127.** E.Yu. Daniyarova, V.N. Remeslennikov, *Bounded algebraic geometry over a free Lie algebra* // Preprint №130, IM SB RAS, Novosibirsk, 2004, 30 p. (in Russian)

- 128.** V.N. Remeslennikov, R. Stöhr, *On algebraic sets over metabelian groups* // J. Group Theory, **8** (2005), 491–513 [ENG](#)
- 129.** V.N. Remeslennikov, N.S. Romanovskii, *Irreducible algebraic sets in metabelian groups* // Algebra and Logic, **44** №5 (2005), 336–347 [RUS](#) [ENG](#)
- 130.** A. Kvaschuk, A. Myasnikov, V. Remeslennikov, *Algebraic geometry over groups III: Elements of model theory* // J. Algebra, **288** №1 (2005), 78–98 [ENG](#)
- 131.** E.Yu. Daniyarova, V.N. Remeslennikov, *Bounded algebraic geometry over a free Lie algebra* // Algebra and Logic, **44** №3 (2005), 148–167 [RUS](#) [ENG](#)
- 132.** E.Yu. Daniyarova, I.V. Kazachkov, V.N. Remeslennikov, *Semidomains and metabelian product of metabelian Lie algebras* // J. Math. Sci., **131** №6 (2005), 6015–6022 [RUS](#) [ENG](#)
- 133.** E.S. Esyp, I.V. Kazatchkov, V.N. Remeslennikov, *Divisibility theory and complexity of algorithms for free partially commutative groups* // Contemporary Math., Groups, Languages, Algorithms, **378** (2005), 319–348, arXiv:math/0512401 [math.GR] [ENG](#)
- 134.** A.G. Myasnikov, V.N. Remeslennikov, D.E. Serbin, *Regular free length functions on Lyndon's free  $\mathbb{Z}[t]$ -group  $F^{\mathbb{Z}[t]}$*  // Contemporary Math., Amer. Math. Soc., Providence, RI, **378** (2005), 37–77 [ENG](#)
- 135.** A. Borovik, A. Miasnikov, V. Remeslennikov, *The conjugacy problem in HNN-extensions I: Regular elements, black holes and generic complexity* // Preprint, 2005

- 136.** A. Borovik, A. Miasnikov, V. Remeslennikov, *The conjugacy problem in amalgamated products I: Regular elements and black holes* // Preprint, 2005
- 137.** A. Borovik, A. Miasnikov, V. Remeslennikov, *The conjugacy problem in amalgamated products II: Generic complexity* // Preprint, 2005
- 138.** A. Borovik, A. Miasnikov, V. Remeslennikov, *Algorithmic stratification of the conjugacy problem in Miller's groups* // Preprint, 2005 [ENG](#)

---

2006

- 139.** E.Yu. Daniyarova, I.V. Kazachkov, V.N. Remeslennikov, *Algebraic geometry over free metabelian Lie algebras I: U-algebras and universal classes* // J. Math. Sci., **135** №5 (2006), 3292–3310 [RUS](#) [ENG](#)
- 140.** E.Yu. Daniyarova, I.V. Kazachkov, V.N. Remeslennikov, *Algebraic geometry over free metabelian Lie algebras II: Finite field case* // J. Math. Sci., **135** №5 (2006), 3311–3326 [RUS](#) [ENG](#)
- 141.** V.N. Remeslennikov, E.I. Timoshenko, *On topological dimensions for u-groups* // Sib. Math. J., **47** №2 (2006), 341–354 [RUS](#) [ENG](#)
- 142.** A.G. Myasnikov, V.N. Remeslennikov, D.E. Serbin, *Fully residually free groups and graphs labeled by infinite words* // Intern. J. Algebra and Computation, **16** №4 (2006), 689–737 [ENG](#)
- 143.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Centraliser dimension and universal classes of groups* // SEMR, **3** (2006), 197–215, arXiv:math/0502498 [math.GR] [ENG](#)
- 144.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Centraliser dimension of partially commutative groups* // Geometriae Dedicata, **120** №1 (2006), 73–97, arXiv:math/0506072 [math.GR] [ENG](#)

---

2007

- 145.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Orthogonal systems in finite graphs* // Preprint №760, CRM, 2007, 32 p.
- 146.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Parabolic and quasiparabolic subgroups of free partially commutative groups* // Preprint №761, CRM, 2007, 17 p.
- 147.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Parabolic and quasiparabolic subgroups of free partially commutative groups* // J. Algebra, **318** №2 (2007), 918–932 [ENG](#)

- 148.** G.A. Fernández-Alcober, I.V. Kazachkov, V.N. Remeslennikov, P. Symonds, *Comparison of the discrete and continuous cohomology groups of a pro-p group* // Algebra and Analysis, **19** №6 (2007), 126–142 [ENG](#)
- 149.** A.V. Borovik, A.G. Myasnikov, V.N. Remeslennikov, *Generic complexity of the conjugacy problem in HNN-extensions and algorithmic stratification of Miller's groups* // Intern. J. Algebra and Computation, **17** №5/6 (2007), 963–997 [ENG](#)
- 150.** V.N. Remeslennikov, R. Stöhr, *The equation  $[x, u] + [y, v] = 0$  in free Lie algebras* // Intern. J. Algebra and Computation, **17** №5/6 (2007), 1165–1187 [ENG](#)
- 151.** A.V. Borovik, A.G. Myasnikov, V.N. Remeslennikov, *The conjugacy problem in amalgamated products 1: Regular elements and black holes* // Intern. J. Algebra and Computation, **17** №7 (2007), 1301–1335 [ENG](#)
- 152.** A.V. Borovik, A.G. Myasnikov, V.N. Remeslennikov, *Conjugacy problem in HNN-extensions: Regular elements and black holes* // Herald of Omsk University, special volume, Combinatorial methods in algebra and complexity theory (2007), 75–83 [ENG](#)
- 153.** B. Fine, O.G. Kharlampovich, A.G. Myasnikov, V.N. Remeslennikov, G. Rosenberger, *On the surface group conjecture* // Universidad Técnica Federico Santa María, Valparaíso, Chile, Scientia, Ser. A: Mathematical Sciences, **15** (2007), 1–15 [ENG](#)

2008

- 154.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Orthogonal systems in finite graphs* // SEMR, **5** (2008), 151–176 [ENG](#)
- 155.** E. Daniyarova, A. Myasnikov, V. Remeslennikov, *Unification theorems in algebraic geometry* // Abstracts of Intern. Algebraic Conf. on the Occasions of the 100th Anniversary of Professor A.G. Kurosh, Moscow, 2008, 284–285
- 156.** V.N. Remeslennikov, *Finite graphs, free partially commutative groups and arithmetic groups* // Abstracts of Intern. Algebraic Conf. on the Occasions of the 100th Anniversary of Professor A.G. Kurosh, Moscow, 2008, 342–343
- 157.** O. Kharlampovich, A. Miasnikov, V. Remeslennikov, D. Serbin, *Exponential extensions of groups* // J. Group Theory, **11** №1 (2008), 119–141 [ENG](#)
- 158.** E. Daniyarova, A. Myasnikov, V. Remeslennikov, *Unification theorems in algebraic geometry* // Algebra and Discrete Mathematics, **1** (2008), 80–112, arXiv:0808.2522 [math.AG] [RUS](#) [ENG](#)
- 159.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Stability of universal equivalence of groups under free constructions* // Herald of Omsk University, special volume (2008), 52–61 [ENG](#)

- 160.** V.N. Remeslennikov, *Limit algebras* // New Algebraic-Logical Methods in Solutions for Systems of Equations in Algebraic Structures, Abstracts (August 16–22, 2009, Omsk, Russia), OmSU, Omsk, 2009, 14–15
- 161.** E.V. Frenkel, A.G. Myasnikov, V.N. Remeslennikov, *Measuring in free groups and amalgamated products of groups* // New Algebraic-Logical Methods in Solutions for Systems of Equations in Algebraic Structures, Abstracts (August 16–22, 2009, Omsk, Russia), OmSU, Omsk, 2009, 10
- 162.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Universal algebraic geometry* // New Algebraic-Logical Methods in Solutions for Systems of Equations in Algebraic Structures, Abstracts (August 16–22, 2009, Omsk, Russia), OmSU, Omsk, 2009, 8–9

- 163.** V.N. Remeslennikov, A.V. Treyer, *Structure of the automorphism group for partially commutative class two nilpotent groups* // Algebra and Logic, **49** №1 (2010), 43–67 [RUS](#)
- 164.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures IV: Equational domains and co-domains* // Algebra and Logic, **49** №6 (2010), 483–508 [RUS](#)
- 165.** E.V. Frenkel, A.G. Myasnikov, V.N. Remeslennikov, *Regular sets and counting in free groups* // Combinatorial and geometric group theory, Dortmund and Ottawa-Montreal conferences, Trends in Mathematics, Birkhäuser Basel, 2010, 93–118, arXiv:0906.2850 [math.GR] [ENG](#)
- 166.** M. Casals-Ruiz, I. Kazachkov, V. Remeslennikov, *Elementary equivalence of right-angled Coxeter groups and graph products of finite abelian groups* // Bull. Lond. Math. Soc., **42** №1 (2010), 130–136, arXiv:0810.4870 [math.GR] [ENG](#)
- 167.** A.J. Duncan, I.V. Kazachkov, V.N. Remeslennikov, *Automorphisms of partially commutative groups I: Linear subgroups* // Groups Geom. Dyn., **4** №4 (2010), 739–757, arXiv:0803.2213 [math.GR] [ENG](#)
- 168.** V.N. Remeslennikov, *Nullstellensatz for algebraic structures* // Stochastic models in biology and limit algebras, Proc. Intern. Conf. (2–7 August 2010, Omsk, Russia), Publ. OmSU, Omsk, 2010, 80–81 (in Russian) [RUS](#)
- 169.** M. Amaglobeli, V. Remeslennikov, *Maltsev bases and triangular representations of tensor products of Abelian groups* // Bull. Georgian Natl. Acad. Sci. (N.S.), **4** №1 (2010), 22–28 [ENG](#)

- 170.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Universal algebraic geometry* // Dokl. Math., **84** №1 (2011), 545–547 [RUS](#)

- 171.** E. Daniyarova, A. Myasnikov, V. Remeslennikov, *Algebraic geometry over algebraic structures III: Equationally Noetherian property and compactness* // South. Asian Bull. Math., **35** №1 (2011), 35–68 [ENG](#)

2012

- 172.** O. Kharlampovich, A. Miasnikov, V. Remeslennikov, D. Serbin, *Groups with free regular length functions in  $Z^n$*  // Trans. Amer. Math. Soc., **364** №6 (2012), 2847–2882, arXiv:0907.2356 [math.GR] [ENG](#)
- 173.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures II: Foundation* // J. Math. Sci., **185** №3 (2012), 389–416, arXiv:1002.3562 [math.AG] [RUS](#) [ENG](#)
- 174.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures V: The case of arbitrary signature* // Algebra and Logic, **51** №1 (2012), 28–40 [RUS](#)
- 175.** E.V. Frenkel, A.G. Myasnikov, V.N. Remeslennikov, *Amalgamated products of groups: measures of random normal forms* // J. Math. Sci., **185** №2 (2012), 300–320, arXiv:1107.4079 [math.GR] [RUS](#) [ENG](#)
- 176.** E.V. Frenkel, A.G. Myasnikov, V.N. Remeslennikov, *Amalgamated free product of groups: normal forms and measures* // Math. Notes, **91** №4 (2012), 592–596 [RUS](#)
- 177.** M. Amaglobeli, V. Remeslennikov, *Free nilpotent  $R$ -groups of class 2* // Dokl. Math., **85** №2 (2012), 236–239
- 178.** A.J. Duncan, V.N. Remeslennikov, *Automorphisms of partially commutative groups II: Combinatorial subgroups* // Int. J. Algebra Comput., **22** №7 (2012), 1793–6500, arXiv:1106.2331 [math.GR] [ENG](#)

2013

- 179.** M. Amaglobeli, V. Remeslennikov, *Extension of a centralizer in nilpotent groups* // Sib. Math. J. **54** №1 (2013), 8–19 [RUS](#)
- 180.** E. Frenkel, V. Remeslennikov, *Double cosets in free groups* // Int. J. Algebra Comput., **23** №5 (2013), 1225–1254, arXiv:1303.4118 [math.GR] [ENG](#)
- 181.** V.N. Remeslennikov, E.S. Stuken, *Universal axiomatizability of pseudo-finite fields* // Vestnik Omsk Univer., **2** (2013), 41–44 (in Russian) [RUS](#)
- 182.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Dimension in universal algebraic geometry* // Abstracts and lectures of International School-conference, Omsk, 2013, Iz-vo: OmGU, 22–23 (in Russian) [RUS](#)

- 183.** A. A. Agrachëv, D. V. Anosov, S. M. Aseev, V. M. Buchstaber, A. M. Vershik, Ya. B. Vorobets, V. A. Kaimanovich, B. S. Kashin, I. G. Lysënok, A. Yu. Ol'shanskii, V. N. Remeslennikov, Ya. G. Sinai, S. K. Smirnov, A. M. Stepin, I. A. Taimanov, E. V. Shchepin, *Rostislav Ivanovich Grigorchuk (on his sixtieth birthday)* // Russian Math. Surveys, **68** №5 (2013), 967-971 [RUS](#)

---

2014

- 184.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Dimension in universal algebraic geometry* // Dokl. Math., **90** №1 (2014), 450–452 [RUS](#)
- 185.** B. Fine, O.G. Kharlampovich, A.G. Myasnikov, V.N. Remeslennikov, G. Rosenberger, *Tame automorphisms of elementary free groups* // Communications in Algebra, **42** №8 (2014), 3386-3394

---

2015

- 186.** A.G. Myasnikov, V.N. Remeslennikov, *Generic theories as a method for approximating elementary theories* // Algebra and Logic, **53** №6 (2015), 512-519
- 187.** A.A. Mishchenko, V.N. Remeslennikov, A.V. Treier, *Generic theories for series of finite abelian groups* // Algebra and Logic, **53** №6 (2015), 471–480
- 188.** A.A. Mishchenko, V.N. Remeslennikov, A.V. Treier, *Universal invariants for classes of abelian groups* // Abstracts of International conference ALMAZ'2, Omsk, 2015, Iz-vo: OmGTU, 43-44 (in Russian)
- 189.** V.N. Remeslennikov, *Generic theories as a method for approximating elementary theories* // Abstracts of International conference ALMAZ'2, Omsk, 2015, Iz-vo: OmGTU, 47-48 (in Russian)
- 190.** E.V. Frenkel, V.N. Remeslennikov, *Cones and thick monoids in free groups* // Abstracts of International conference ALMAZ'2, Omsk, 2015, Iz-vo: OmGTU, 64-68

---

2016

- 191.** M. Casals-Ruiz, I. Kazachkov, V. Remeslennikov, *Pro-Hall R-groups and groups discriminated by the free pro-p-group* // J. Group Theory, **19** №3 (2016), 391-403, [ENG](#)
- 192.** A.A. Mishchenko, V.N. Remeslennikov, A.V. Treier, *Canonical and existential groups in universal classes of Abelian groups* // Dokl. Math., **93** №2 (2016), 175–178

---

works in progress

- 193.** M.G. Amaglobeli, V.N. Remeslennikov, *Fundamentals of the theory of nilpotent MR-groups varieties* // Sib. Math. J., accepted for publication



- 194.** A.A. Mishchenko, V.N. Remeslennikov, *Canonical and existentially closed groups in universal classes of Abelian groups* // Sib. Math. J., submitted
- 195.** A.A. Mishchenko, V.N. Remeslennikov, A.V. Treier, *Universal invariants for classes of abelian groups* // Algebra and Logic, accepted for publication
- 196.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures VI: Geometrical equivalence* // Algebra and Logic, accepted for publication [RUS](#)
- 197.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures VII: Universal geometrical equivalence* // Sib. Math. J., submitted [RUS](#)
- 198.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures VIII: Geometrical equivalencies and specific classes of algebraic structures* // Fund. i prikl. matem., submitted [RUS](#)
- 199.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures IX: General universal classes and Dis-limits* // Algebra and Logic, submitted [RUS](#)
- 200.** E. Daniyarova, A. Myasnikov, V. Remeslennikov, *Algebraic geometry over algebraic structures X: Ordinal dimension* // Int. J. Algebra Comput., submitted [RUS](#) [ENG](#)
- 201.** E.Yu. Daniyarova, A.G. Myasnikov, V.N. Remeslennikov, *Algebraic geometry over algebraic structures* // Monography, Iz-vo SO RAN [RUS](#)