

Publications of S.Natanzon

1. A certain functional equation, that has applications in theory of games // Siberia Math. J., 11:1 (1970), 128-136 (with S.E.Kusnetsov) (Russia).
2. Invariant lines of Fuchsian groups // Uspekhi Mat. Nauk, 27:4 (1972), 145-164 (Russian); Translation in English: Russian Math. Surveys, 27:4 (1972), 161-177.
3. Moduli of real algebraic curves // Uspekhi Mat. Nauk, 30:1 (1975), 251-252 (Russian); Translation in English: Russian Math. Surveys, 30:1 (1975), 251-252.
4. Moduli spaces of real curves // Trudy Moscov.Mat.Obshch., 37 (1978), 219-252 (Russian); Translation in English: Trans.Moscow Math. Soc., 1980, N 1, 233-272.
5. On the order of a finite group of homeomorphisms of a surface onto itself and the number of real forms of a complex algebraic curve // Dokl. Akad. Nauk SSSR, 242:4 (1978), 765-768 (Russian); Translation in English: Soviet Math. Dokl., 19:5 (1978), 1195-1199.
6. Automorphisms of the Riemann surface of an M-curve // Funktsional. Anal.i Prilozhen., 12:3 (1978), 82-83 (Russian); Translation in English: Functional Anal. Appl., 12:3 (1978), 228-229.
7. Automorphisms and real forms of a class of complex algebraic curves // Funktsional. Anal.i Prilozhen., 13:2 (1979), 89-90 (Russian); Translation in English: Functional Anal. Appl., 13 (1979), 148-150.
8. Finite groups of homeomorphisms of surfaces, and real form of complex algebraic curves. Russia, 1980.
9. On the total number of ovals of real forms of a complex algebraic curve // Uspekhi Mat. Nauk, 35:1(1980), 207-208 (Russian); Translation in English: Russian Math.Surveys, 35:1 (1980), 223-224.
10. On the total number of ovals of four complex-isomorphic real algebraic curves // Uspekhi Mat. Nauk, 35:4 (1980), 184 (Russian); Translation in English: Russian Math. Surveys, 35:4 (1980), 177.
11. Lobachevskian geometry and automorphisms of complex M-curves // Sel.Math.Sov.; 1:1 (1981), 81-99 (English).
12. Real two-zone solutions of the sine Gordon equation // Funktsional. Anal.i Prilozhen., 16:1 (1982), 27-43 (with B.A.Dubrovin) (Russian); Translation in English: Functional Anal. Appl., 16 (1982),21-33.
13. On the number and topological type of real hyperelliptic curves isomorphic over \$C\$. In: Collection of Scientific Works of Yaroslavl'State Pedagogical Institute, No. 200, 82-93, Yaroslavl, 1982 (Russian).
14. Spaces of real meromorjic functions on real algebraic curves // Dokl. Acad.Nauk SSSR, 279:4 (1984), 803-805 (Russian); Translation in English: Soviet. Math. Dokl., 30:3 (1984), 724-726.

15. Uniformization of spaces of meromorphic functions // Dokl. Acad. Nauk SSSR, 287:5 (1986), 1058-1061 (Russian); Translation in English: Soviet. Math. Dokl., 33:2 (1986), 487-490.
16. Topological classification of pairs of commuting antiholomorphic involutions of Riemann surfaces // Uspekhi Mat. Nauk, 41:5 (1986), 191-192 (Russian); Translation in English: Russian Math. Surveys, 41:5(1986), 159-160.
17. Letter to the editors: "Topological classification of pairs of commuting antiholomorphic involutions of Riemann surfaces // Uspekhi Mat. Nauk, 42:2 (1987), 283 (Russian); Translation in English: Russian Math. Surveys, 42:2 (1987).
18. The Fricke space of super-Fuchsian groups // Funktsional. Anal.i Prilozhen., 21:2 (1987), 80-81 (Russian); Translation in English: Functional Anal. Appl., 21 (1987), 158-159.
19. Real meromorphic functions on real algebraic curves // Dokl. Acad. Nauk SSSR, 297:1 (1987), 40-43 (Russian); Translation in English: Soviet.Math. Dokl., 36:3 (1988), 425-427.
20. Non-singular finite-zone two-dimensional Schrödinger operators and Prymians of real curves // Funktsional. Anal.i Prilozhen., 22:1 (1988), 79-80 (Russian); Translation in English: Functional Anal. Appl., 22 (1988), 68-70.
21. Topology of two-dimension coverings and meromorphic function on real and complex algebraic curves, 1.Trudy of seminar of vector and tensor analysis, Moscow State Univ., 23 (1988), 79-103 (Russian).
22. The topological type and moduli of Riemannian and Kleinian supersurfaces // Zap. Nauchn. Sem. Leningrad. Otdel. Mat. Ins. Steklov. (LOMI) 167 (1988), Issled. Topol. 6, 179-185 (Russian).
23. Finite groups of homeomorphisms of surfaces and real forms of complex algebraic curves // Trudy Moscow Math. Obshch., 51 (1988), 3-53 (Russian); Translation in English: Trans. Moscow Math. Soc., 1989, 1-51.
24. Real theta-function solutions of the Kadomtsev-Petviashvili equation // Izvestiya Akademii Nauk SSSR, ser.Mat.,52:2 (1988), 267-286 (Russia); Translation in English: Math. Ussr Izvestiya, 32:2 (1989), 269-288 (with B.A.Dubrovin).
25. Prymians of real curves and their applications to the effectivization of Schrödinger operators // Funktsional. Anal.i Prilozhen., 23:1 (1989), 41-55 (Russian); Translation in English: Functional Anal. Appl., 23 (1989), 33-45.
26. Moduli space of super-Riemann surfaces // Mat.Notes, 45:4 (1989), 111-116 (Russian); Translation in English: Math.Notes of the Acad.Sciec.of USSR, September, 45 (1989), 341-345.
27. Spinor bundles over real algebraic curves // Uspekhi Mat.Nauk, 44:3 (1989),165-166 (Russian); Translation in English: Russian Math. Surveys, 44:3 (1989), 208-209.
28. Klein supersurfaces // Mat.Notes, 48:2(1990),72-81 (Russian); Translation in English: Math.Notes of the Acad. Sciec. of USSR, August, (1990), 766-772.

29. Supercoverings, SNEC-groups and interior groups of Riemann and Klein supersurfaces // Uspekhi Mat. Nauk, 45:2(1990), 217-218 (Russian); Translation in English: Russian Math.Surveys, 45:2 (1990), 225-226.
30. Klein surfaces // Uspekhi Mat. Nauk, 45:6 (1990), 47-89 (Russian); Translation in English: Russian Math. Surveys, 45:6 (1990), 53-108.
31. Topology of two-dimensional coverings and meromorphic functions on real and complex algebraic curves, 2 // Trudy of seminar of vector and tensor analysis, Moscow State Univ., 24 (1991), 104-132 (Russian).
32. The moduli space of superconformal instantons in sigma models // Modern Physics Letters A, v.6, No.19 (1991), 1787-1796 (with M.I.Monastyrsky) (English).
33. Errata: "The moduli space of superconformal instantons in sigma models // Modern Physics Letters A, v.6, No.31 (1991), 2919 (with M.I.Monastyrsky) (English).
34. Discrete subgroups of $GL(2\mathbb{C})$ and spinor bundles over Riemann and Klein surfaces // Funktsional Anal.i Prilozhen., 25:4 (1991), 76-78 (Russian); Translation in English: Functional Anal. Appl., 25:4 (1992), 293-294.
35. Topological classification of pairs of spinor forms on surfaces // Uspekhi Mat.Nauk, 47:1 (1992), 215-216 (Russian); Translation in English: Russian Math. Surveys, 47:1 (1992), 265-266.
36. Differential equations on the Prym theta function. A realness criterion for two-dimensional, finite-zone, potential Schrödinger operators // Funktsional. Anal.i Prilozhen., 26:1 (1992), 17-26 (Russian); Translation in English: Functional Anal. Appl., 26:1 (1992), 13-20.
37. Involutions of compact Klein surfaces // Mathematische Zeitschrift, 211 (1992), 461-478 (with E.Bujalance, A.F.Costa, D.Singerman) (English).
38. Moduli spaces of Riemann and Klein supersurfaces // Developments in Mathematics. The Moscow School. (Ed. by V.Arnold, M.Monastyrsky), 1993, Chapman \& Hall, 100-130 (English).
39. Moduli spaces of Riemann $N=1$ and $N=2$ supersurfaces // Journal of Geometry and Physics, 12 (1993), 35-54 (English).
40. Topology of 2-dimensional coverings and meromorphic functions on real and complex algebraic curves // Sel.Math.Sov., 12:3 (1993), 251-291 (English).
41. Topological type of actions of the group $(\mathbb{Z}/2\mathbb{Z})^n$ on surfaces // Uspekhi Mat.Nauk, 48:2 (1993), 195-196 (Russian); Translation in English: Russian Math. Surveys, 48:2 (1993), 199-200.
42. Topological invariants and moduli of hyperbolic $N=2$ Riemann supersurfaces // Math. sbornikc, 184:5 (1993), 19-38 (Russian); Translation in English: Russian Acad. Sci. Sb. Math., 79:1(1994), 15-31.

43. Classification of pair of Atf Functions on orientable and nonorientable surfaces // Funktsional. Anal.i Prilozhen., 28:3 (1994), 35-46 (Russia); Translation in English: Functional Anal. Appl., 28:3 (1994).
44. Moduli spaces of complex algebraic curves with isomorphic to $(\mathbb{Z}/2\mathbb{Z})^m$ groups of automorphisms // Diff. Geometry and its Applications 5 (1995), 1-11 (English).
45. Real nonsingular finite zone solutions of solution equations // Topics in topology and mathematical physics, Editor S.P.Novikov, Amer. Math. Soc. Transl. (2) v.170 (1995), 153-183, Amer. Math. Soc., Providence, RI (English).
46. On quadratic forms over the field \mathbb{Z}_2 // Uspekhi Mat.Nauk, 50:5 (1995), 243-244 (Russian); Translation in English: Russian Math.Surveys, 50:5 (1995).
47. Trigonometrical tensors on algebraic curves of arbitrary genus. An analog of the Sturm-Hurwitz's theorem // Uspekhi Mat. Nauk, 50:6 (1995), 199-200 (Russian); Translation in English: Russian Math.Surveys, 50:6 (1995).
48. The moduli space of instantons in $N=2$ supersymmetrical σ -models // Class. Quantum Grav. 12 (1995), 2149-2156 (with M.Monastyrsky) (English).
49. Spinors and differentials of real algebraic curves. Topology of real algrbraic varieties and related topics, Amer. Math. Soc. Transl. Ser.2 v.173 (1996), 179-186, Amer. Math. Soc., Providence, RI (English).
50. Moduli spaces of real algebraic $N=2$ supercurves // Funktsional. Anal. i Prilozhen., 30:4 (1996), 19-30 (Russian); Translation in English: Functional Anal. Appl., 30:4 (1996), 237-245.
51. Differential equations for Riemann and Prym theta-functions // Algebra, 3. J. Math. Sci 82:6 (1996), 3821-3823 (English).
52. The moduli space of instantons in $N=2$ supersymmetrial σ -models // Topics in statistical and theoretical physics, 195-202, Amer. Math. Soc. Transl. Ser.2, 177 (1996), Amer. Math. Soc., Providence, RI (with M.Monastyrsky) (English).
53. Corrigenda "The moduli space of instantons in $N=2$ supersymmetrial σ -models". // Classical Quantum Gravity, 13:5 (1996), 1277 (with M.Monastyrsky) (English).
54. Real borderings of complex algebraic curves and Coxeter groups // Uspekhi Mat.Nauk, 51:6 (1996), 215-216 (Russian); Translation in English: Russian Math.Surveys, 51:6 (1996), 1216-1217.
55. The Arf-invariant and the Arnold invariants of plane curves // The Arnold-Gelfand mathematical seminars, (1997), 267-280, Birkhäuser Boston, Boston, MA (with S.M.Gusein-Zade) (English).
56. Spaces of meromorphic functions on Riemann Surfaces // Amer. Math. Soc. Transl. (2), v.180, 1997, 175-180 (English).
57. Periodic solitons and real algebraic curves // Revista matematica de la Universidad Complutense de Madrid, Numero Extra, (Proceedings, Segovia 1995), (1997), 277-282(English).

58. A Harnack-type theorem for a family of complex-isomorphic real algebraic curves // *Uspekhi Mat.Nauk*, 52:6 (1997), 173-174 (Russian); Translation in English: *Russian Math.Surveys*, 52:6 (1997).
59. Systems of correlators and solutions of the WDVV equations // *Commun. Math. Phys.*, 196 (1998), 399-410 (with V.Turaev) (English).
60. The topological structure of the space of Holomorphic morphisms of Riemann surfaces // *Uspekhi Mat .Nauk*, 53:2 (1998), 155-156 (Russian); Translation in English: *Russian Math. Surveys*, 53:3 (1998).
61. Geometry of two-dimension topological field theories. MCCME, IUM, Moscow, 1998. - 72 P.
62. A compactification of the Hurwitz space // *Topology*, V.38, N.4, (1999), 889-914 (with V.Turaev) (English)
63. Moduli of Riemann surfaces, Hurwitz--type spaces and their superanalогues // *Uspekhi Mat. Nauk*, 54:1, (1999). 61-116 (Russian); Translation in English: *Russian Math. Surveys*, 54:1, P.61-117 (1999).
64. Moduli of real algebraic curves and their superanalогues, Differential, spinors and Jakobians of real algebraic curves // *Uspekhi Mat. Nauk*, 54:6, P.3-60 (1999). (Russian); Translation in English: *Russian Math. Surveys*, 54:6 (1999), 1091-1147.
65. Recurrence relations of A_n and B_n --solutions of WDVV equations // *Funktional. Anal. i Prilozhen.*, 34:3 (2000), 81-84 (Russian); Translation in English: *Functional Anal. Appl.*, 34:3 (2000).
66. Topological classification of unitary functions of arbitrary genus // *Uspekhi Mat. Nauk*, 55:6, (2000), 151-152. (Russian) (with S.V.Shadrin); Translation in English: *Russian Math. Surveys*, 55:6, (2000), 151-152.
67. Brief course of calculus. MCCME. (2000), 108 P.
68. Brief course of complex analysis. MCCME. (2000), 33 P (with Y.M.Burban, S.A.Loktev).
69. Formulas for A_n and B_n solution of WDVV equations // *Geometry and Physics*, 39/4 (2001), 323-336 (English).
70. Hurwitz spaces. Topics on Riemann surfaces and Fuchsian groups // London Mathematical Society Lecture Note Series. 287, Cambridge, (2001), 165-177 (English).
71. A formula series for the τ -function that realizes the Riemann theorem on domains of the complex plane // *Uspekhi Mat. Nauk*, 56:4, (2001), 155-156 (Russian); Translation in English: *Russian Math. Surveys*, 56:4, (2001).
72. Topological classification of generic real rational functions // *J. of Knot Theory and its Ramifications*, v.11, N 7 (2002), 1063-1075 (with B.Shapiro, A.Vainshtein).
73. Topological classification of Z^m_p actions on surface // *Michigan Math.J.*, 50, N 3 (2002), 451-460 (with A.Costa) (English).

74. Symmetries of surfaces and real algebraic curves // Math. Education, MCCME, ser.3, v.7 (2003), 116-125 (Russian).
75. Geometry and algebra of real forms of complex curves // Mathematische Zeitschrift, 243 (2003), 391-407 (English).
76. Moduli of Riemann surfaces, real algebraic curves and its superanalogs. M., MCCME, 2003, 176 (Russian).
77. A Topological classification of generic real meromorphic functions in general position of separated curves // Soviet Math. Dokl., T.388, N 4, (2003), 1-3 (in Russian); Translation in English: Doklagy Mathematics v.67, N 1 (2003), 44- 46 (with S.V.Shadrin).
78. Witten solution of the Gelfand-Dikii hierarchy // Funct. Anal. i Prilozhen., 37, N 1, (2003), 25-37 (Russian), Translation in English: Funct. Anal. and Its Applications, v.37, N.1 (2003), 21-31 (English).
79. Effectivisation of a string solution of the 2D Toda hierarchy and the Riemann theorem about complex domains // Moscow Math. Journal, v.3, N 2, (2003), 541-549 (English).
80. Brief course of calculus. MCCME. (2004), 96 P.
81. From 2D Toda hierarchy to conformal map for domains of Riemann sphere, Geometry, Topology and Mathematical Physics, The S.P. Novikov seminar 2002-2003, Editors V.M.Buchstaber and I.M.Krichever, Amer. Math. Soc. Transl. (2) v.212 (2004), 207-218, Amer. Math. Soc., Providence, RI (English) (with Yu.Klimov, A.Korzh)
82. Extended cohomological field theories and noncommutative Frobenius manifolds // Geometry and Physics, 51 / 4, (2004), 387-403 (English).
83. Moduli of Riemann surfaces, real algebraic curves, and their superanalogs // Translations of Mathematical Monographs, American Mathematical Society, Vol.225, (2004), 160 P. (English).
84. Topology of m-spin structures on Riemann surveys // Uspekhi Mat. Nauk, 60:2, P.169-170 (2005). (Russian); Translation in English: Russian Math. Surveys, 60:2, P. (2005) (with A. Pratoussevitch).
85. Towards an effectivisation of the Riemann theorem // Annals of global analysis and geometry, V.28, N 3 (2005), 233-255 (English).
86. Counting the regular coverings of surfaces using the center of a group algebra // European Journal of Combinatorics, V.27, N 2 (2006), 228-234 (with A.F.Costa, A.M.Porto) (English).
87. Algebra of Hurwitz numbers for seamed surfaces // Uspekhi Mat. Nauk, 61:4, P.185-186 (2006). (Russian); Translation in English: Russian Math. Surveys, 61:4, (2006), 185-186 (with A.Alexeevski).
88. Noncommutative two-dimensional topological field theories and Hurwitz numbers for real algebraic curves, Selecta Mathematica., New series, v.12, n.3, (2006), 307-377 (arXiv:math.GT/0202164) (with A.Alexeevski) (English).

89. Quaternion miniversal deformations and noncommutative Frobenius manifolds. Preprint MPIM 2006 (64) (English).
90. Classification of $\mathbb{Z}_{(p^k)^m}$ orientation preserving actions on surfaces // Moscow Math. Journal, v.7, n.3 (2007), 419-424 (with A.F.Costa) (English).
91. Singularities and noncommutative Frobenius manifolds // Trudy Matematicheskogo Instituta imeni V.A.Steklova, 2007, v.259, 143-155 (Russian). Proceedings of the Steklov Institute of Mathematics, 2007, v.259, 137-148 (English).
92. The algebra of bipartite graphs and Hurwitz numbers of seamed surfaces // Izvestia RAN, Seria Mat., V.72, N 4 (2008), 3-24, (Russian); Translation in English: Izvestiya Mathematics, 72:4 (2008), 627-646 (with A.V. Alexeevski).
93. Hurwitz numbers for regular coverings of surfaces by seamed surfaces and Cardy-Frobenius algebras of finite groups // Geometry, topology and mathematical physics: S.P. Novikov's seminar:2006-2007. Editors V.M.Buchshtaber, I.M.Krichever, Amer. Math. Soc. Transl. - Series 2, Advances in the Math.Sci., Columbia University, New York, NY, 2008,V.224, 1-27 (with A.V. Alexeevski) (English).
94. Brief course of calculus. MCCME, (2008), 96 P. (Russian).
95. Higher Arf Functions and Moduli Space of Higher Spin Surfaces // Journal of Lie Theory, 19, No. 1, (2009), 107--148 (with Anna Pratoussevitch) (English).
96. Poincaré's theorem for the modular group of real Riemann surfaces // Diff. Geometry and its Applications, V.27(5), (2009), 680-690 (with Antonio F. Costa) (English).
97. Cyclic foam topological field theories // J. Geom. Phys., 60, № 6-8, (2010), 874-883 (English).
98. Simple Hurwitz numbers of a disk // Funktsional'nyi Analiz. i ego Prilozhenija. t.44, № 1 (2010), 36-47, (Russian); Translation in English: Funktsional analysis and its applications, v.44, № 1, (2010), 44-58.
99. Introduction to sheaves, bundles and Chern classes. MCCME, (2010), 46 P. (Russian).
100. Complete set of cut-and-join operators in the Hurwitz-Kontsevich theory // Teoreticheskaiia i matematicheskaiia fizika, 166:1, (2011), 3-27 (Russian); Translation in English: Theoretical and mathematical physics. 166:1, (2011), 1-22 (with A.D. Mironov, A.Yu. Morozov).
101. Double pants decompositions of 2- surfaces // Moscow Mathematical Journal, i 11 (2) (2011), 231—258 (with Felikson A.) (English).
102. Klein Topological Field Theories from Group Representations // Symmetry Integrability Geom.: Methods Appl.(SIGMA), № 7 (070).(2011), 1—15 (with S.Loktev) (English).
103. Labeled Double Pants Decompositions // Moscow Mathematical Journal, v.11 (3), (2011), 505-519 (with Felikson A.) (English).

104. Moduli spaces of Gorenstein Quasi-Homogeneous Surface Singularities // *Uspekhi Mat. Nauk*, 66:5, P.189-190 (2011) (Russian); Translation in English: *Russian Math. Surveys*, 66:5, (2011), 1009-1010 (with A. Pratoussevitch).
105. Integrability properties of Hurwitz partition functions. II. Multiplication of cut-and-join operators and WDVV equations // *Journal of High Energy Physics*, № 11 (097), (2011), 1-33 (with Mironov A.D., Morozov A.Yu.) (English).
106. Klein foams // *Indiana University Mathematics Journal*. Vol.60, No.3 (2011), 985-995 (English).
107. Algebra of differential operators associated with Young diagrams // *Journal of Geometry and Physics*, № 62, (2012), 148—155 (with Mironov A.D., Morozov A.) (English).
108. Integrability of Hurwitz Partition Functions. I. Summary // *Journal of Physics A: Mathematical and Theoretical*, № 45. (2012), 1-10 (with A.Alexandrov, A.D.Mironov, A.Morozov) (English).
109. Double pants decompositions of 2-surfaces. Max Planck Institute for Mathematics. Series MPIM "MPIM". 2012 (preprint) (with Felikson A.) (English).
110. Moduli via double pants decompositions. *Differential Geometry and its Application*, Vol. 30. No. 5. (2012), 490-508 (with Felikson A.) (English).
111. Topological invariants and moduli spaces of Gorenstein quasi-homogeneous surface singularities. / Institut des Hautes 'Etudes Scientifiques, Institut des Hautes 'Etudes Scientifiques (IHES). Series IHES "09/2010". 2012 (preprint) (with Pratoussevitch A.) (English).
112. Курс комплексного анализа. М. : Московский центр непрерывного математического образования, 2012. P.48.
113. A Hurwitz theory avatar of open-closed strings // *The European Physical Journal C - Particles and Fields*. Vol. 73. No. 2. (2013), 1-10 (with Mironov A., Morozov A.) (English).
114. Cardy–Frobenius extension of the algebra of cut-and-join operators // *Journal of Geometry and Physics*. Vol. 73, (2013), 243-251 (with Mironov A., Morozov A.) (English).
115. Topological Invariants and Moduli of Gorenstein Singularities // *Journal of Singularities*. vol. 7. (2013), 61-87 (with Pratoussevitch A.) (English).
116. Algebras of conjugacy classes of partial elements // *American Mathematical Society Translations*. vol. 234, (2014), 1-12 (with Alexeevski A.) (English).
117. Infinite-dimensional topological field theories from Hurwitz numbers // *Journal of Knot Theory and Its Ramifications*. vol. 23. No. 6, (2014), 1-16 (with Mironov A., Morozov A.) (English).
118. On KP-integrable Hurwitz functions // *Journal of High Energy Physics*. Vol. 11. No. 80., (2014), 1-31 (with Alexandrov A., Mironov A., Morozov A.) (English).

119. Symmetric solutions to dispersionless 2D Toda hierarchy, Hurwitz numbers and conformal dynamics // International Mathematics Research Notices. vol. 2015. No. 8, (2015), 2082-2110 (with Zabrodin A.) (English).
120. Dispersionless 2D Toda hierarchy, Hurwitz numbers and Riemann theorem. Journal of Physics: Conference Series. vol. 670. (2016), 1-6.
121. Formal solutions to the KP hierarchy // Journal of Physics A: Mathematical and Theoretical. Vol. 49. No. 14 (2016), -22 p. (with Zabrodin A.) (English).
122. Higher Spin Klein Surfaces. // Moscow Mathematical Journal. vol. 16. No. 1, (2016), 95-124 (with Pratoussevitch A.) (English).
123. Classification of m-spin Klein surfaces // Russian Mathematical Surveys. Vol. 71, No. 2, (2016), 382-384 (with Pratoussevitch A.) (English).
124. BKP and projective Hurwitz numbers // Letters in Mathematical Physics. Vol. 107, (2017), 1065-1109 (with Orlov A.) (English).
125. Double pants decompositions revisited // Moscow Mathematical Journal. Vol. 17. No. 1, (2017), 51-58 (with Felikson A.) (English).
125. Klein foams as families of real forms of Riemann surfaces // Advances in Theoretical and Mathematical Physics. vol. 21. No. 1, (2017), 231-241 (with Gusein-Zade S.M.) (English).
127. Moduli Spaces of Higher Spin Klein Surfaces // Moscow Mathematical Journal. Vol. 17. No. 2, (2017), 327-349 (with Pratoussevitch A.) (English).
128. Topological classification of generic real meromorphic functions from compact surfaces // Annales Academiae Scientiarum Fennicae Mathematica. vol. 43, (2018), 349-363 (with Costa A. F., Shapiro B.) (English).
129. Введение в пучки, расслоения и классы Черна. М.:МЦНМО, 2018, p.46.
130. Комплексный анализ, римановы поверхности и интегрируемые системы. М.:МЦНМО, 2018, p.138.
131. Краткий курс математического анализа, изд.3. М. МЦНМО, 2018, p.96.
132. Complex Analysis, Riemann Surfaces and Integrable Systems / Пер. с рус. Cham.:Springer, 2019, 140 p..
133. Cut-and-join structure and integrability for spin Hurwitz numbers // The European Physical Journal C - Particles and Fields. Vol. 80. No. 97, (2020), 1-16 (with Mironov A., Morozov A.) (English).
134. Hurwitz number from Feynman diagrams // Theoretical and Mathematical Physics. Vol. 204. No. 3, (2020), 1166-1194 (with Orlov A.Y.) (English).
135. Введение в теорию гладких многообразий. М. МЦНМО, 2020, p.96.