

Alexey V Sleptsov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A New Symmetry of the Colored Alexander Polynomial. Annales Henri Poincare, 2021, 22, 1235-1265.	1.7	8
2	Interplay between symmetries of quantum 6j-symbols and the eigenvalue hypothesis. Letters in Mathematical Physics, 2021, 111, 1.	1.1	4
3	A Novel Symmetry of Colored HOMFLY Polynomials Coming from $\mathfrak{sl}(N M)$ Superalgebras. Communications in Mathematical Physics, 2021, 384, 955-969.	2.2	7
4	Quantum Racah matrices and 3-strand braids in representation [3,3]. Journal of Geometry and Physics, 2021, 166, 104273.	1.4	2
5	Chern-Simons perturbative series revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136727.	4.1	5
6	Multiplicity-free $U(\mathfrak{sl})$ 6-j symbols: Relations, asymptotics, symmetries. Nuclear Physics B, 2020, 960, 115164.	2.5	10
7	Multi-colored Links From 3-Strand Braids Carrying Arbitrary Symmetric Representations. Annales Henri Poincare, 2019, 20, 4033-4054.	1.7	12
8	Combinatorial structure of colored HOMFLY-PT polynomials for torus knots. Communications in Number Theory and Physics, 2019, 13, 763-826.	1.0	13
9	Addendum to: Checks of integrality properties in topological strings. Journal of High Energy Physics, 2018, 2018, 1.	4.7	3
10	On the block structure of the quantum \hat{a}, \hat{r} -matrix in the three-strand braids. International Journal of Modern Physics A, 2018, 33, 1850105.	1.5	9
11	Quantum Racah matrices up to level 3 and multicolored link invariants. Journal of Geometry and Physics, 2018, 132, 155-180.	1.4	8
12	Coloured Alexander polynomials and KP hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 268-273.	4.1	7
13	Differential expansion for link polynomials. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 197-206.	4.1	13
14	Orthogonal Polynomials in Mathematical Physics. Reviews in Mathematical Physics, 2018, 30, 1840005.	1.7	10
15	Tabulating knot polynomials for arborescent knots. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 085201.	2.1	35
16	On 6j-symbols for symmetric representations of $U_q(\mathfrak{su}_N)$. JETP Letters, 2017, 106, 630-636.	1.4	9
17	Checks of integrality properties in topological strings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
18	Gaussian distribution of LMOV numbers. Nuclear Physics B, 2017, 924, 1-32.	2.5	7

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19	Racah matrices and hidden integrability in evolution of knots. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 45-58.	4.1	23
20	Quantum Racah matrices and 3-strand braids in irreps R with $ R = 4$. JETP Letters, 2016, 104, 56-61.	1.4	25
21	Vassiliev invariants for pretzel knots. International Journal of Modern Physics A, 2016, 31, 1650156.	1.5	2
22	HOMFLY polynomials in representation $[3, 1]$ for 3-strand braids. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
23	Colored HOMFLY polynomials for the pretzel knots and links. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
24	On the homology of certain smooth covers of moduli spaces of algebraic curves. Differential Geometry and Its Applications, 2015, 40, 86-102.	0.5	5
25	On the Few-Term Curves. I. Journal of Mathematical Sciences, 2015, 211, 418-433.	0.4	0
26	Colored knot polynomials for arbitrary pretzel knots and links. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 71-74.	4.1	46
27	Colored knot polynomials: HOMFLY in representation $[2, 1]$. International Journal of Modern Physics A, 2015, 30, 1550169.	1.5	35
28	Hidden structures of knot invariants. International Journal of Modern Physics A, 2014, 29, 1430063.	1.5	18
29	QFT and unification of knot theories. Modern Physics Letters A, 2014, 29, 1430025.	1.2	0
30	On genus expansion of superpolynomials. Nuclear Physics B, 2014, 889, 757-777.	2.5	23
31	QFT and unification of knot theories. , 2014, , .		0
32	Superpolynomials for torus knots from evolution induced by cut-and-join operators. Journal of High Energy Physics, 2013, 2013, 1.	4.7	92
33	On genus expansion of knot polynomials and hidden structure of Hurwitz tau-functions. European Physical Journal C, 2013, 73, 1.	3.9	41
34	Genus expansion of HOMFLY polynomials. Theoretical and Mathematical Physics(Russian Federation), 2013, 177, 1435-1470.	0.9	38
35	KONTSEVICH INTEGRAL FOR KNOTS AND VASSILIEV INVARIANTS. International Journal of Modern Physics A, 2013, 28, 1330025.	1.5	21
36	NSR superstring measures in genus 5. Nuclear Physics B, 2013, 872, 106-126.	2.5	3

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37	Interplay between MacDonal and Hall-Littlewood expansions of extended torus superpolynomials. Journal of High Energy Physics, 2012, 2012, 1.	4.7	38
38	Explicit computation of the Drinfeld associator in the case of the fundamental representation of $gl(N)$. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 385204.	2.1	7
39	Geometric Hamiltonian formalism for reparameterization-invariant theories with higher derivatives. Theoretical and Mathematical Physics(Russian Federation), 2009, 158, 61-81.	0.9	8
40	Lattice theta constants vs Riemann theta constants and NSR superstring measures. Journal of High Energy Physics, 2009, 2009, 072-072.	4.7	10