

## СПИСОК ПУБЛИКАЦИЙ ЛОКТЕВА С.А

- 1) С.А. Локтев, Б.Л. Фейгин *Когомологии нильпотентных подалгебр алгебры  $\widehat{sl}_2$* , Функц. анал. и прил., т. 30 (1996) вып. 4, с. 80–83.
- 2) Feigin B.L, Loktev S.A., *On generalized Kostka polynomials and the quantum Verlinde rule*, Differential topology, infinite-dimensional Lie algebras, and applications, Amer. Math. Soc. Transl. Ser. 2, Vol. **194** (1999), p. 61–79, math.QA/9812093
- 3) B.Feigin, R.Kedem, S.Loktev, T.Miwa, E.Mukhin, *Combinatorics of the  $\widehat{sl}_2$  Spaces of Coinvariants*, Transformation Groups, vol. **6**, (2001), no.1, p. 25-52, RIMS–1243, math-ph/9908003
- 4) С.А. Локтев, Б.Л. Фейгин *О финитизации тождеств Гордона*, Функц. анал. и прил., т. 35 (2001), вып. 1 с. 53-61; англ. версия math.QA/0006221
- 5) С.А. Локтев, *Фермионные формулы для характеров представлений  $\widehat{sl}_2$* , Успехи математических наук, т. 56 (2001), вып. 1, с. 153-154.
- 6) B. Feigin, R. Kedem, S. Loktev, T. Miwa, E. Mukhin, *Combinatorics of the  $\widehat{sl}_2$  spaces of coinvariants: loop Heisenberg modules and recursion*, Selecta Mathematica, New Series, 8(2002) 419-474, RIMS–1296, math.QA/0009198
- 7) B. Feigin, R. Kedem, S. Loktev, T. Miwa, E. Mukhin, *Combinatorics of the  $\widehat{sl}_2$  spaces of coinvariants: Dual Functional Realization and Recursion*, Compositio Mathematica, 134(2), 2002, p. 193-241; math.QA/0012190
- 8) B. L. Feigin, S. A. Loktev, I. Yu. Tipunin, *Coinvariants for Lattice VOAs and q-Supernomial Coefficients*, Comm. Math. Phys. 229 (2002), no. 2, 271–292, math.QA/0107003
- 9) B. Feigin, M. Jimbo, S. Loktev, T. Miwa, E. Mukhin, *Bosonic formulas for (k,l)-admissible partitions*, The Ramanujan journal, **7** (2003), no. 4, math.QA/0107054
- 10) B. Feigin, M. Jimbo, S. Loktev, T. Miwa, E. Mukhin, *Addendum to bosonic formulas for (k,l)-admissible partitions*, The Ramanujan journal, **7**(2003), no.4, math.QA/011210 4
- 11) B. Feigin, M. Jimbo, R. Kedem, S. Loktev, T. Miwa, *Spaces of coinvariants and fusion product I. From equivalence theorem to Kostka polynomials*, Duke Math. Journal, **125** (2004), no. 3, P. 549–588, math.QA/0205324
- 12) B. Feigin, M. Jimbo, R. Kedem, S. Loktev, T. Miwa, *Spaces of coinvariants and fusion product II. Affine  $sl_2$  character formulas in terms of Kostka polynomials*, J. Algebra **279** (2004), no. 1, 147–179, math.QA/0208156
- 13) B. Feigin, M. Jimbo, S. Loktev, T. Miwa, *Two character formulas for  $\widehat{sl}_2$  spaces of coinvariants*, Proceedings of 6th International Workshop on Conformal Field Theory and Integrable Models. Internat. J. Modern Phys. A **19** (2004), May, suppl., 134–154, math.QA/0211354
- 14) B. Feigin, S. Loktev, *Multi-dimensional Weyl Modules and Symmetric Functions*, Comm. Math. Phys. **251** (2004), no. 3, 427–445, math.QA/0212001
- 15) B. Feigin, S. Loktev, *Deformation of Weyl Modules and Generalized Parking Functions*, International Math. Res. Notes **51** (2004), 2719–2750, math.QA/0312158
- 16) V. Chari, S. Loktev, *Weyl, Demazure and Fusion modules for the current algebra of  $sl_{r+1}$* , Advances in Mathematics, **207** (2006), 928-960, math.QA/0502165.
- 17) B. Feigin, A.M. Kirillov, S. Loktev, *Combinatorics and Geometry of Higher Level Weyl Modules*, Advances in the Mathematical Sciences, Ser. 2, **221** (2007) math.QA/0503315
- 18) P. Etingof, S. Loktev, A. Oblomkov, L. Rybnikov, *A Lie-theoretic construction of spherical symplectic reflection algebras*, Transformation Groups, **13** (2008), no. 3, pp. 541–556, arXiv:0801.2339
- 19) S. Loktev, *Weight Multiplicity Polynomials of multi-variable Weyl Modules*, Moscow Math. J., **10** (2010), no. 1, arXiv:0806.0170
- 20) Nicolas Guay, David Hernandez, Sergey Loktev, *Double affine Lie algebras and finite groups*, Pacific J. of Math. **243** (2009), no. 1, 1–41, arXiv:0901.3205
- 21) S. Loktev, S. Natanzon, *Klein Topological Field Theories from Group Representations*, SIGMA, в печати, arXiv:0910.3813