

Список публикаций

Зотов Андрей Владимирович

1. A.Zotov, *On Relation Between Moyal and Kontsevich Quantum Products. Direct Evaluation up to the \hbar^3 -Order*, Mod.Phys.Lett. A16 (2001) 615-626;
2. Yu.Chernyakov, A.Zotov, *Integrable Many-Body Systems via Inozemtsev Limit*, Theor. Math. Phys. Vol. 129, (2001) 1526-1542;
3. S.Klevtsov, A.Zotov, *Current Algebras and Anomalies in Quantum Field Theories*, Proc. to the First International ITP-ITEP School in Theoretical and Mathematical Physics, 43-64, (2001)
4. A.Levin, M.Olshanetsky, A.Zotov, *Hitchin Systems - Symplectic Hecke Correspondence and Two-dimensional Version*, Commun.Math.Phys., Vol. 236, Num. 1 (2003) 93-133;
5. A.Zotov, *Elliptic Linear Problem for Painleve VI Equation with Spectral Parameter*, Proc. to the Workshop on Classical and Quantum Integrable Systems (Prague, 2003), Czech.J.Phys, Vol.53 No.11 1147-1152 (2003)
6. H.W.Braden, V.A.Dolgushev, M.A.Olshanetsky, A.V.Zotov, *Classical R-Matrices and the Feigin-Odesskii Algebra via Hamiltonian and Poisson Reductions*, J.Phys.A36: 6979-7000, (2003);
7. A.Zotov, *Elliptic Linear Problem for Calogero-Inozemtsev Model and Painlevé VI Equation*, Lett.Math.Phys. Vol. 67, 153-165 (2004);
8. M.A.Olshanetsky, A.V.Zotov, *Isomonodromic problems on elliptic curve, rigid tops and reflection equations*, Rokko Lectures in Mathematics 18, 149-172 (2005);
9. A.Levin, A.Zotov, *Integrable Model of Interacting Elliptic Tops*, Theor.Math.Phys., Vol. 146, Num. 1, pp. 45-52 (2006)
10. A.Zotov, *Classical Integrable Systems and Their Field-Theoretical Generalizations*, Physics of Elementary Particles and Atomic Nuclei, Vol 37, N 3, 400-443 (2006);
11. A.Levin, M.Olshanetsky, A.Zotov, *Painlevé VI, Rigid Tops and Reflection Equation*, Commun.Math.Phys. Volume 268, Number 1, (2006) 67-103;
12. Yu.Chernyakov, A.Levin, M.Olshanetsky, A.Zotov, *Elliptic Schlesinger system and Painlevé VI*, J. Phys. A: Math. Gen. 39, 12083-12101 (2006)
13. A.Levin, A.Zotov, *On Rational and Elliptic Forms of Painlevé VI Equation*, Neretin, Yu. (ed.) et al., Moscow Seminar in mathematical physics, II. Translations. Series 2. American Mathematical Society 221. Advances in the Mathematical Sciences 60, 173-183 (2007)
14. Yu.Chernyakov, A.Levin, M.Olshanetsky, A.Zotov, *Quadratic algebras related to elliptic curves*, Theor.Math. Phys., Vol.156, Issue 2, pp.1103-1122 (2008)
15. A.M.Levin, M.A.Olshanetsky and A.V.Zotov, *Monopoles and modifications of bundles over elliptic curves*, arXiv:0811.3056, SIGMA 5 (2009), 065, 22 pages
16. A.M.Levin, M.A.Olshanetsky, A.V.Smirnov, A.V.Zotov, *Characteristic Classes and Hitchin Systems. General Construction*, arXiv:1006.0702, Commun.Math.Phys (2012) to appear
17. A.M.Levin, M.A.Olshanetsky, A.V.Smirnov, A.V.Zotov, *Characteristic Classes and Integrable Systems for Simple Lie Groups*, arXiv:1007.4127,

Calogero–Moser systems for simple Lie groups and characteristic classes of bundles, Journal of Geometry and Physics 62 (2012) 1810–1850

18. Andrei V. Zotov, *1+1 Gaudin Model*, SIGMA 7 (2011), 067

19. A.Zabrodin, A.Zotov, *Quantum Painlevé–Calogero Correspondence*, J. Math. Phys. 53, 073507 (2012); arXiv: 1107.5672.

20. A.Zabrodin, A.Zotov, *Quantum Painlevé–Calogero Correspondence for Painlevé VI*, J. Math. Phys. 53, 073508 (2012); arXiv: 1107.5672.

21. A.Mironov, A.Morozov, Y.Zenkevich, A.Zotov, *Spectral Duality in Integrable Systems from AGT Conjecture*, arXiv:1204.0913; submitted to J.Phys.A (2012)

22. A.Mironov, A.Morozov, B.Runov, Y.Zenkevich, A.Zotov, *Spectral Duality Between Heisenberg Chain and Gaudin Model*, arXiv:1206.6349; submitted to Lett.Math.Phys. (2012)

23. A.M.Levin, M.A.Olshanetsky, A.V.Smirnov, A.V.Zotov, *Hecke Transformations of Conformal Blocks in WZW Theory. I. KZB Equations for Non-trivial Bundles*, arXiv:1207.4386; submitted to SIGMA (2012)

24. A.M.Levin, M.A.Olshanetsky, A.V.Smirnov, A.V.Zotov, *Characteristic Classes of $SL(N)$ -Bundles and Quantum Dynamical Elliptic R -Matrices*, arXiv:1208.5750; submitted to J.Phys.A (2012)

25. G.Aminov, S.Arthamonov, A.Levin, M.Olshanetsky, A.Zotov, *Monodromy preserving equations in dimension $2+1$ and $1+1$* , in preparation

26. A.Zabrodin, A.Zotov, *Classical-Quantum Correspondence for Painlevé Equations*, in preparation

27. G.Aminov, S.Arthamonov, A.Smirnov, A.Zotov, *Modifications of Bundles as Generating Functions of Lax Operators*, in preparation