Curriculum vitae

Lev Spodyneiko

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Education

California Institute of technology
PhD student, 2016-in progress

Russian Academy of Science, Landau Institute for Theoretical Physics , 2014-2016.

Moscow Institute of Physics and Technology, Department of General and Applied Physics, M. Sc. in Applied Mathematics and Physics, 2012-2014.
Master's thesis: Matrix models and genus-one amplitudes

Moscow Institute of Physics and Technology, Department of General and Applied Physics, B. Sc. in Applied Mathematics and Physics, 2008-2012.
Bachelor's thesis: Implicit symmetries of the composite models of conformal field theory.

Academic Gymnasium of St. Petersburg State University, 2004-2008

St. Peterburg Local School № 621, 1997-2004

Publications

1. L.Spodyneiko, Multi-matrix models and genus one amplitudes, JETP Letters March 2014, Volume 99, Issue 1, pp 47-50
2. L.Spodyneiko, AGT correspondence, Ding-Iohara algebra at roots of unity and Lepowsky-Wilson construction, J. Phys. A: Math. Theor. **48** (2015) 275404 (15pp)
3. L.Spodyneiko, Minimal Liouville gravity on the torus via the Douglas string equation, J. Phys. A: Math. Theor. **48** (2015) 065401 (14pp)
4. A.Belavin, L.Spodyneiko, Gepner approach to space–time supersymmetry in ten-dimensional string theory, Theoretical and Mathematical Physics, **185**(2): 1649–1664 (2015)
5. A. Belavin, L. Spodyneiko, Flat structures on Frobenius manifolds in the case of irrelevant deformations, J. Phys. A: Math. Theor. **49** (2016) 495401 (9pp)
6. A. Litvinov, L. Spodyneiko, On W algebras commuting with a set of screenings, arXiv:1609.06271

Teaching experience

Course 'Problems in quantum mechanics', MIPT, 2013-2014
Course 'Stochastic processes', MIPT, 2014
Course 'Approximate methods of analytical calculations', MIPT, 2014
Course 'Advanced topics in Quantum Field Theory', IUM, 2015
Course 'Introduction to String Theory', IUM, 2015-2016