Sergey Oblezin. **Publication List for P. Deligne Contest**

1. *Archimedean L-factors and topological field theories II*, (with A. Gerasimov and D. Lebedev), Preprint [hep-th/0909.2016], 2009, 18 pages.

2. *From Archimedean L-factors to topological field theories*, (with A. Gerasimov and D. Lebedev), Proc. Mathematische Arbeitstagung, Max-Planck-Institut für Mathematik, Bonn, 2009, 10 pages.

3. *Quantum Toda chains intertwined*, (with A. Gerasimov and D. Lebedev), Preprint [math.RT/0907.0299], 2009, 27 pages.

4. *Archimedean L-factors and topological field theories*, (with A. Gerasimov and D. Lebedev), Preprint [math.RT/0906.1065], 2009, 31 pages.

5. *On q-deformed $\mathfrak{gl}_{\ell+1}$-Whittaker function II*, (with A. Gerasimov and D. Lebedev), Commun. Math. Phys. (2009) 22 pages.

6. *On q-deformed $\mathfrak{gl}_{\ell+1}$-Whittaker function*, (with A. Gerasimov and D. Lebedev), Commun. Math. Phys. (2009) 22 pages.

7. *On Baxter Q-operators and their Arithmetic implications*, (with A. Gerasimov and D. Lebedev), Lett. Math. Phys. (2009) 28 pages.

8. *On q-deformed $\mathfrak{gl}_{\ell+1}$-Whittaker function III*, (with A. Gerasimov and D. Lebedev), Preprint [math.RT/0805.3754], 2008, 20 pages.

9. *Baxter operator and Archimedean Hecke algebra*, (with A. Gerasimov and D. Lebedev), Commun. Math. Phys. (2008) 30 pages.

10. *New integral representations of Whittaker functions for classical groups*, (with A. Gerasimov and D. Lebedev), Preprint [math.RT/0705.2886], 2007, 100 pages.

11. *On a class of representations of quantum groups and its applications*, (with A. Gerasimov, S. Kharchev, and D. Lebedev), Transl. of AMS 221, 2007, 59-78.

12. *Baxter Q-operator and Givental integral representation for C_n and D_n*, (with A. Gerasimov and D. Lebedev), Preprint [math.RT/0609082], 2006, 15 pages.

13. *Givental integral representation for classical groups*, (with A. Gerasimov and D. Lebedev), Preprint [math.RT/0608152], 2006, 22 pages.

14. *On a Gauss-Givental representation of quantum Toda chain wave function*, (with A. Gerasimov and D. Lebedev), Int. Math. Res. Notices, (2006), Aricle ID96489, 23 pages.

15. *On a class of representations of quantum groups*, (with A. Gerasimov, S. Kharchev, and D. Lebedev), Contemp. Math. 391, (2005), 101-121.

16. *Isomonodromic deformations of sl(2) Fuchsian systems on the Riemann sphere*, Moscow Math. J. 5:2, (2005), 111-138.

17. *On a class of representations of the Yangian and moduli space of monopoles*, (with A. Gerasimov, S. Kharchev, and D. Lebedev), Commun. Math. Phys. 260, (2005), 511-525.

18. *Discrete symmetries of systems of isomonodromic deformations of second-order Fuchsian differential equations*, Funct. Anal. Appl. 38:2, (2004), 111-124.

19. *Isomonodromic method for Fuchsian differential equations of second order on the Riemann sphere and Hecke correspondences, (in Russian)*, in "Certain problems in Fundamental and Applied Mathematics", Moscow, 2003, 61-76.

20. *Discrete structure of some Schlesinger systems on the Riemann sphere and the Hecke correspondences*, Czechosl. J. of Phys., 53:11 (2003), 1085-1092.

21. *Artin hypothesis and character theory for finite groups (in Russian)*, Proc. Int. School, Kiev, 2001, 150-167.