List 1.

1.a. Scientific publications

1.a.1 Peer-previewed publications

1. *The Perelomov problem of the inversion of the Bargmann-Segal transform.* Funct. Anal. Appl. 40 (2006), no. 4, 330–333

2. *K-finite matrix elements of irreducible Harish-Chandra modules are hypergeometric functions.* Funct. Anal. Appl. 41 (2007), no. 4, 295–302.

3. *Ramified Integrals, Casselman Phenomenon, and Holomorphic Continuations of Group Representations.* in *Analysis and Mathematical Physics,* eds. B. Gustafsson and A. Vasilev, 427-439.

4. **On spherical functions on $\mathrm{SU}(2)\times\mathrm{SU}(2)\times\mathrm{SU}(2)$.** Funct. Anal. Appl., 2010, 44:1, 5967

5. *Notes on Stein-Sahi representations and some problems of non-L^2-harmonic analysis.* J. Math. Sci. (N. Y.) 141 (2007), no. 4, 1452–1478.

6. *On adelic model of boson Fock space.* Moscow Seminar on Mathematical Physics. II, 193–202, Amer. Math. Soc. Transl. Ser. 2, 221, Amer. Math. Soc., Providence, RI, 2007.

7. *Determinantal point processes and fermionic Fock space.* Moscow Seminar on Mathematical Physics. II, 185–191, Amer. Math. Soc. Transl. Ser. 2, 221, Amer. Math. Soc., Providence, RI, 2007.

8. Airault, H., Neretin, Yu. A. *On the action of Virasoro algebra on the space of univalent functions.* Bull. Sci. Math. 132 (2008), no. 1, 27–39

9. *Central extensions of groups of symplectomorphisms.* Mosc. Math. J. 6 (2006), no. 4, 703–729

10. *Double cosets for $\mathrm{SU}(2)\times\ldots\times\mathrm{SU}(2)$ and outer automorphisms of free groups*, IMRN, 2010

11. *On beta-function of tube of light cone.* Zapiski POMIRAN, 2010

12. **Infinite tri-symmetric group, multiplication of double cosets, and checker topological field theories**. IMRN, 2011

1.a.2 Non-peer-viewed publications

Papers in progress

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1. *Stein–Sahi complementary series and their degenerations.* arXiv:0804.1990, Paper to appear

2. *Spectral data for pairs of matrices of order 3 and action of the group* $\mathrm{GL}(2,\mathbb{Z})$, Preprint arXiv:0910.0606, Paper to appear

3. *Gauss–Berezin integral operators, spinors over supergroups* $\mathrm{OSp}(2p|2q)$*, and Lagrangian super-Grassmannians,* Preprint, arXiv:0707.0570, submitted

4. *On topologies on Lie braid groups.* Preprint http://arxiv.org/abs/1006.1101, submitted (I forgot a reference to the grant in the preprint, this will be corrected)

5. D. V. Alekseevsky, P. W. Michor, Yu. A. Neretin *Rolling of Coxeter polyhedra along mirrors.* Preprint, arXiv:0907.3502, yet not submitted

6. *Multi-operator colligations and multivariate characteristic functions*, arXiv:1006.2275, submitted

7. Molchanov V. F., Neretin Yu. A. *A bispectral problem for a pair of commuting hypergeometric operators.* In preparation

8. *Gaussian polymorphisms.* In preparation

9. *Trilinear forms on Verma modules*, In preparation

1.a.3. Stand-alone publications.

1. Lectures on Gaussian integral operators and classical groups. Monograph, accepted by the EMS publishing house.

2. Yu. Neretin M., Olshanetsky, A. Rosly, (editors), *Moscow seminar in mathematical physics.* American Mathematical society, 2007 (series AMS translations, v.221),

`www.ams.org:80/bookstore-getitem/item=TRANS2-221`

Preface is available via

`http://www.mat.univie.ac.at/ neretin/CV/CVbook.html`

The collection is based on seminars in Moscow Institute for Theoretical and Experimental Physics, 2001–2006. The book contains papers of B. Enriquez, B. Feigin, V. V. Fock, A. Gerasimov, A. Gorodentsev, D. Kaledin, S. Kharchev, A. Khoroshkin, S. Khoroshkin, A. N. Kirillov, S. A. Kuleshov, D. Lebedev, A. Levin, S. Loktev, Yu. Neretin, S. Oblezin, S. Pakuliak, V. Rubtsov, A. Rudakov, M. Verbitsky, A. Zotov.

1.b. Publications for general public and other publications

1. *Index hypergeometric transform* (Russian; English translation to appear) Addendum to the Russian edition of the book G. Andrews, R. Askey, R. Roy "Special functions", available via

`http://www.mat.univie.ac.at/ neretin/others.htm`