

LIST OF PUBLICATIONS

Roman Bezrukavnikov

1. “On Koszul DG-algebras Arising from Configuration Spaces” *GAGA Math. J.*, 4 (1994), 119-136.
2. “Dimension of the Fixed Point Sets on Affine Flag Manifolds” *Math. Research Letters*, 4 (1996), 185-189.
3. Koszul Property and Frobenius Splitting of Schubert Cells, preprint, [alg-geom/9502021](https://arxiv.org/abs/alg-geom/9502021).
4. parts of chapter 5 in: R. Bezrukavnikov, M. Finkelberg, V. Schechtman “Factorizable Sheaves and Quantum Groups”, *Lecture Notes in Mathematics*, 1691, Springer Verlag, Berlin, 1998.
5. “Building and Dualities for Representations of p -adic groups”, Tel-Aviv University technical report, 5-97.
6. “Kazhdan’s Pairing Conjecture and Noetherian Property of the Hecke Algebra”, Tel-Aviv University technical report, 6-97.
7. “On semi-infinite cohomology of finite dimensional algebras”, electronic preprint, [math.RT/0005148](https://arxiv.org/abs/math.RT/0005148), to appear in the *Journal of Algebra*.
8. “Perverse coherent sheaves (after Deligne)”, electronic preprint, [math.AG/0005152](https://arxiv.org/abs/math.AG/0005152).
9. “Tensor Categories Attached to Cells in Affine Weyl Groups”, electronic preprint, [math.RT/0010089](https://arxiv.org/abs/math.RT/0010089).
10. “Quasi-exceptional sets and equivariant coherent sheaves on the nilpotent cone”, electronic preprint, [math.RT/0102039](https://arxiv.org/abs/math.RT/0102039).
11. (joint with A. Braverman) “Gluing of abelian categories and differential operators on the basic affine space”, in preparation.
12. “Central and anti-spherical sheaves on affine flag varieties and Langlands duality”, in preparation.
13. “Perverse sheaves on affine flag manifolds and coherent sheaves on the Steinberg variety of the Langlands dual group”, in preparation.
14. “An algebraic approach to the local trace formula for $SL(2)$ over a non-archimedean field”, in preparation.
15. “Serre functor for category \mathcal{O} ”, in preparation.
16. (joint with S. Arkhipov and V. Ginzburg) “Cohomology of Quantum Groups and the Loop Grassmanian”, in preparation.
17. (joint with A. Polishchuk) “Kazhdan-Laumon category has infinite homological dimension” (appendix to the paper by A. Polishchuk “Gluing of perverse sheaves on the basic affine space”), in preparation.
18. (joint with S. Arkhipov) “Nearby cycles construction of the semi-regular bi-module,” in preparation.

19. (joint with V. Ostrik) “Tensor Categories Attached to Cells in Affine Weyl Groups, II,” in preparation.

20. (joint with I. Mirkovic) “A geometric construction of reflection functors”, in preparation.