

LIST OF PUBLICATIONS OF ALEXANDER EFIMOV

1. The asymptotics for the number of real roots of the Bernoulli polynomials, *Forum Mathematicum*, 20 (2) (2008), pp. 387-393.
2. (with V. Lunts and D. Orlov) Deformation theory of objects in homotopy and derived categories I: General theory, *Adv. Math.*, 222 (2009), 2, 359-401.
3. (with V. Lunts and D. Orlov) Deformation theory of objects in homotopy and derived categories II: Pro-representability of the deformation functor, *Advances in Mathematics*, Volume 224, Issue 1, May 2010, Pages 45-102.
4. (with V. Lunts and D. Orlov) Deformation theory of objects in homotopy and derived categories III: abelian categories , arXiv:math/0702840 (preprint).
5. Homological mirror symmetry for curves of higher genus, arXiv:0907.3903 (preprint).
6. A proof of Kontsevich-Soibelman conjecture, to appear in *Mat. Sb.* (available at arXiv:0911.0123).
7. Formal completion of a category along a subcategory, arXiv:1006.4721 (preprint).
8. Maximal lengths of exceptional collections of line bundles, arXiv:1010.3755 (preprint).
9. (with A. Abouzaid, D. Auroux, L. Katzarkov and D. Orlov) Homological mirror symmetry for punctured spheres, in preparation.