

GAYFULLIN SERGEY

CURRICULUM VITAE

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Date of birth: 24.06.1986

Place of birth: Moscow region, Zhukovskiy town.

Research field

Algebraic Groups, Affine Algebraic Geometry, Automorphisms of Affine Algebraic Varieties.

Education

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|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2003-2008 | studied at Lomonosov Moscow State University
faculty of Mathematics and Mechanics
Specialization : Algebra
Supervisor Ivan V. Arzhantsev
honors diploma (obtained in June, 2008) |
| 2008-2011 | Ph. D. study in Moscow State University
Supervisor Ivan V. Arzhantsev |
| 2011 | defended Ph. D. thesis
"Cox Rings of Affine Algebraic Varieties" |

Work

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|-----------|--------------------------------------------------------------------|
| 2009 | Assistant Professor
at Bauman Moscow state technical University |
| 2011-2012 | Senior Researcher
at Lomonosov Moscow State University |
| 2012 – | Assistant Professor
at Lomonosov Moscow State University |
| 2012 – | Associate Professor at Higher school of Economics |

2013-2014 Supervisor of the Yandex School of Data Analysis,
Yandex

Publications

Gaifullin S.A. Affine toric $SL(2)$ -embeddings // Sbornik Mathematics. 2008. Vol. 199. No. 3. P. 319-339.

Arzhantsev I.V., Gaifullin S.A. Universal property of Cox realization of affine varieties // Abstracts of talks of the first winter school-conference "Lie Algebras, Algebraic Groups and Invariant Theory" (2009), 4-5.

Arzhantsev I.V., Gaifullin S.A. Homogeneous toric varieties // Journal of Lie Theory. 2010. Vol. 20. No. 2. P. 283-293.

Arzhantsev I.V., Gaifullin S.A. Cox rings, semigroups and automorphisms of affine algebraic varieties // Sbornik Mathematics. 2010. Vol. 201. No. 1. P. 1-21.

Gaifullin S.A. Cox rings of S-varieties // Abstracts of talks of the second winter school-conference "Lie Algebras, Algebraic Groups and Invariant Theory" (2011), 15-16.

Gaifullin A.A., Gaifullin S.A. Deformations of Period Lattices of Flexible Polyhedral Surfaces // Discrete and Computational Geometry. 2014. Vol. 51. No. 3. P. 650-665.

Arzhantsev I.V., Gaifullin S.A. The automorphism group of a rigid affine variety // Mathematische Nachrichten. 2017. Vol. 290. No. 5-6. P. 662-671.

Gaifullin S.A. Automorphisms and isomorphisms of some trinomial hypersurfaces // Abstracts of talks of the sixth winter school-conference "Lie Algebras, Algebraic Groups and Invariant Theory" (2017), 21-22.

Foreign languages

English