

Publication of Arseniy Akopyan

Books:

- “*Geometry in Figures*”, Createspace, 2011.
- “*Geometry of Conics*”, Amer. Math. Soc., Providence, RI, 2007 (with Alexey A. Zaslavsky)

Papers:

1. “*Inscribing a regular octahedron into polytopes*”. (with Roman N. Karasev, arxiv.org)
2. “*Kadets type theorems for partitions of a convex body*”. (with Roman N. Karasev, arxiv.org)
3. “*On the number of points in a lattice polytope*”. *Integers*, 11:A22, 2011 (with Makoto Tagami, [integers](https://integers.wisc.edu))
4. “*The Extremal Spheres Theorem*”. *Discrete Mathematics*, 2011, V. 311, I. 2–3, pp. 171–177. (with Alexey Glazyrin, Oleg R. Musin, Alexey Tarasov, arxiv.org)
5. “*PL-analogue of Nash–Kuiper theorem*”. preprint.
6. “*Extremal properties of Delauney triangulation*”. *Problems of calculations in distributed networks*, V. 46, pp. 174–187. M:URSS, 2009.
7. “*Lemniscate of Bernoulli*”. *Quantum*, 2009 N. 3 (may-july), pp. 42–44. (On arxiv.org)
8. “*About some classical constructions in Lobachevsky’s plane*”. *Matematicheskoe prosveshchenie (tret’ya seriya)* 2009, N. 13, pp. 155–170. (arxiv.org)
9. “*Constructional proof of Kirszbraun theorem*”. *Mathematical Notes*, V. 84 N. 5, pp. 781–784 (with A. S. Tarasov)
10. “*Intersection of Parallelepipeds in \mathbb{R}^d* ”. *Mathematical Notes*, V 83, N. 1, pp 153–156. (arxiv.org)
11. “*Different views on the isogonal conjugation*”. *Matematicheskoe prosveshchenie (tret’ya seriya)* 2007, N. 11, pp. 61–78. (Russian, with Alexey A. Zaslavsky)
12. “*Some generalizations of a diameter of sets and Jung problem.*”. *Modelirovanie i analiz informatsionnih sistem*. V13 (2006) pp. 66–70. (Russian, with Vladimir L. Dol’nikov)