

LIST OF PUBLICATIONS:

Refereed publications

Articles

1. A. Khovanskii, L. Monin. The resultant of developed systems of laurent polynomials. *Moscow Mathematical Journal*. V. 17, No. 4, 717–740, 2017.
2. S. Chmutov, M. Karev, A. Khovanski, J. Krasilshchik, S. Lando, N. Mnev, G. Panina, Yu. Romanovski, I. Scherbak, A.Sossinski, A. Varchenko, N. Vasilyev, V. Vassiliev, A. Vershik. Remembrance: Sergei Duzhin (June 17, 1956-February 1, 2015). *J. Knot Theory Ramifications* 25 (2016), no. 12, 1677001, 8 pp.
3. K. Kaveh, A. Khovanskii. Complete intersections in spherical varieties. *Selecta Mathematica*. V. 22, No 4, Special Issue: The Mathematics of Joseph Bernstein, 2016, 2099–2141.
4. V. M. Buchstaber, S. M. Gusein-Zade, M. E. Kazarian, V. V. Kozlov, S. K. Lando, S. P. Novikov, D. O. Orlov, A. G. Khovanskii, "Victor Anatol'evich Vasil'ev (on his 60th birthday)", *Uspekhi Mat. Nauk*, 71:6(432) (2016), 167–171; translation in *Russian Math. Surveys* 71:6 1153–1157.
5. A. Khovanskii. Newton polyhedra and irreducible components of complete intersections. *Izvestiya RAN, Ser. Matematika*, V. 80, No 1, 2016, 281–304; translation in *Izvestiya: Mathematics*, V. 80, No 1, 2016, 263–304.
6. Yu. Burda, A. Khovanskii. Polynomials invertible in k-radicals. *Arnold Mathematical Journal*, V. 2, No 1, 2016, 121–138.
7. S. Chmutov, M. Karev, A. Khovanski, J. Krasilshchik, S. Lando, N. Mnev, G. Panina, Yu. Romanovski, I. Scherbak, A.Sossinski, A. Varchenko, N. Vasilyev, V. Vassiliev, A. Vershik. Sergei Duzhin (June 17, 1956-February 1, 2015). *Arnold Math. J.* 1 (2015), no. 4, 473–479.
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11. A. Khovanskii, V.Timorin. On the theory of coconvex bodies. *Discrete & Computational Geometry*. V. 52, No 4, 806–823, 2014.
12. K. Kaveh, A. Khovanskii. Convex Bodies and Multiplicities of Ideals. In book: *Algebraic topology, convex polytopes, and related topics*. *Tr. Mat. Inst. Steklova*. V. 286, 2014, 291–307; translation in *Proceedings of the Steklov Institute of Mathematics*. Pleiades Publishing. V. 286, 268–284, 2014.
13. V. L. Arlazarov, E. A. Dinitis, Yu. S. Ilyashenko, A. V. Karzanov, S. M. Karpenko,

- A. A. Kirillov, N. N. Konstantinov, M. A. Kronrod, O. P. Kuznetsov, L. B. Okun', P. A. Pevzner, A. L. Semenov, I. A. Faradzhhev, A. G. Khovanskii, B. V. Cherkasskii. Georgii Maksimovich Adel'son-Vel'skii (obituary). *Uspekhi Mat. Nauk.* V. 69, No 4(418), 169–176, 2014.
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 16. K. Kaveh, A. Khovanskii. Note on the Grothendieck group of subspaces of rational functions and Shokurov's b -divisors. *Canadian Mathematical Bulletin*, V. 57, No 3, 562–572, 2014.
 17. V.L. Arlazarov, O.A. Slavin, V.V. Farsobina, A. Khovanskii. Find the best position by comparing digitated images. *Iskusstvennyi intellekt i prinyatie reshenii.* No 3, 48–58, 2013.
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