

## LIST OF PUBLICATIONS:

### Refereed publications

#### Articles

1. A. Khovanskii. Geometry of generalized virtual polyhedra. *Journal of Mathematical Sciences*, New York, Vol. 269, No. 2, January 14 (2023), pp. 256–269.
2. A. Khovanskii, I. Limonchenko, L. Monin. Cohomology rings of quasitoric bundles. *Filomat*, Vol. 36, No 19 (2022), pp. 6513–6537.
3. A. Khovanskii, I. Limonchenko, L. Monin. Generalized virtual polytopes and quasitoric manifolds. *Trudy Matematicheskogo Instituta imeni V.A. Steklova*, 2022, Vol. 318, pp. 139–165; *Proc. Steklov Inst. Math.*, 2022, Vol. 318, pp. 126–149. Pleiades Publishing, Ltd., 2022.
4. V. L. Arlazarov, A. Ya. Belov, V. O. Bugaenko, V. A. Vassiliev, A. L. Gorodentsev, S. A. Dorichenko, Yu. S. Ilyashenko, V. M. Imaykin, S. I. Komarov, A. G. Kushnirenko, Yu. P. Lysov, A. L. Semenov, V. M. Tikhomirov, A. K. Tolpygo, A. G. Khovanskii, P. A. Yakushkin, I. V. Yaschenko. Nikolay Nikolayevich Konstantinov (obituary), *Uspekhi Mat. Nauk*, 2022, Volume 77, Issue 3(465), 161–170; translated in *Russian Mathematical Surveys*, 2022, Volume 77, Issue 3, 531–541.
5. A. Khovanski, S. Singla, and A. Tronsgard. Interpolation polynomials and linear algebra. *C. R. Math. Rep. Acad. Sci. Canada* Vol. 44 (2) 2022, 33–49.
6. B. Ya. Kazarnovskii, A. G. Khovanskii, A. I. Esterov. Newton polytopes and tropical geometry. *Uspekhi Mat. Nauk* 76:1(457) (2021), 95–190; translation in *Russian Math. Surveys* 76:1, 91–175.
7. A. Khovanskii. Newton polyhedra and good compactification theorem. *Arnold Mathematical Journal*, volume 7, (2021) 135–157.
8. M. Braverman, V.M. Buchstaber, M. Gromov, V. Ivrii, Yu.A. Kordyukov, P. Kuchment, V. Maz'ya, S.P. Novikov, T. Sunada, L. Friedlander, and A.G. Khovanskii. Mikhail Aleksandrovich Shubin (obituary). *Uspekhi Mat. Nauk*, 75:6 162–170; translation in *Russian Math. Surveys* 75:6 1143–1152.
9. K. Kaveh, A. Khovanskii. Intersections of hypersurfaces and ring of conditions of a spherical homogeneous space. *Symmetry, Integrability and Geometry: Methods and Applications*. SIGMA. 16 (2020), 016, 12 pp.
10. A. Khovanskii. Integrability in finite terms and actions of Lie groups. *Moscow Mathematical Journal*. V. 19, No. 2, 329–341, 2019.
11. A. Khovanskii. Solvability of equations by quadratures and Newton's theorem. *Arnold Mathematical Journal*, V. 4, No 2, 193–211, 2018.
12. I.A. Aptekarev, V.M. Buchstaber, V.A. Vassiliev, V.L. Gromov, Yu.S. Ilyashenko, B.S. Kashin, V.M. Kesselman, V.V. Kozlov, M.L. Kontsevich, I.M. Krichever, N.G. Kruzhilin, S.K. Lando, Yu.I. Manin, G.A. Margulis, S.Yu. Nemirovskii, S.P. Novikov, Yu.G. Reshennyak, Ya.G. Sinai, S.P. Suetin, D.V. Treshchev, D.B. Fuks, A.G. Khovanskii, E.M. Chirka, A.N. Shiryaev. Mathematical life (on Vladimir Antonovich Zjrich 80th birthday), *Uspekhi Mat. Nauk*, 73:5(443) (2018), 193–196: translation in *Russian Math. Surveys* 73:5 935–939.

13. A. Khovanskii, L. Monin. The resultant of developed systems of laurent polynomials. *Moscow Mathematical Journal*. V. 17, No. 4, 717–740, 2017.
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15. 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.
16. 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.
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