

List of publications

Preprints

- [1] Rostislav Devyatov, *Multiplicity free products of Schubert divisors*, preprint arXiv:1711.02058 [math.AG], submitted 6 Nov 2017, 61 pages.
- [2] Rostislav Devyatov, Martina Lanini, Kirill Zainoulline, *Oriented sheaves on double moment graphs*, preprint arXiv:1710.10275 [math.AG], submitted 27 Oct 2017, 26 pages.
- [3] Rostislav Devyatov, *On subword complexity of morphic sequences*, preprint arXiv:1502.02310 [math.CO], submitted 8 Feb 2015, 61 pages, a very detailed explanation of the results of the extended abstract [12].

PhD Thesis

- [4] Rostislav Devyatov, *Equivariant deformations of algebraic varieties with an action of an algebraic torus of complexity 1*, defended as a PhD thesis to Freie Universität Berlin, 143 pages, available here: http://www.diss.fu-berlin.de/diss/receive/FUDISS_thesis_000000101121?lang=en

Official (refreeed, journal) publications

- [5] Sanghoon Baek, Rostislav Devyatov, Kirill Zainoulline, *The K-theory of versal flags and cohomological invariants of degree 3*, Documenta Math. **22** (2017), 1117–1148.
- [6] Rostislav Devyatov, *Unipotent commutative group actions on flag varieties and nilpotent multiplications*, Transformation Groups **20**:1 (2015), 21–64.
- [7] R. A. Devyatov, *Commutative unipotent group actions on flag varieties and nilpotent multiplications* (a short note announcing the results from the previous paper, in Russian), Uspekhi Mat. Nauk **69**:5 (419) (2014), 165–166.
English translation: Russian Mathematical Surveys **69**:5 (2014), 927–929.
- [8] Rostislav Devyatov, *Generically transitive actions on multiple flag varieties*, International Mathematics Research Notices **2014**:11 (2014), 2972–2989.
- [9] *Spherical Varieties*, Notes by R. Devyatov, D. Fratila, V. Tsanov of a course taught by M. Brion, in: Antony Joseph, Anna Melnikov, Ivan Penkov (Eds.), *Highlights in Lie Algebraic Methods*, Progress in Mathematics **295**, Birkhäuser, New York, Dordrecht, Heidelberg, London, 2012, 3–24.
- [10] Rostislav Devyatov, *Neighbourly polytopes with few vertices* (in Russian), Matematicheskii Sbornik **202**:10 (2011), 31–54
English translation: Sbornik: Mathematics **202**:10 (2011), 1441–1462.
- [11] Rostislav Devyatov, *Combinatorial knot invariants that detect trefoils*, Journal of Knot Theory and Its Ramifications **18**:9 (2009), 1193–1203.
- [12] Rostislav Devyatov, *On subword complexity of morphic sequences* (a short paper announcing a part of the results of the preprint [3] above), in: Edward A. Hirsch, Alexander A. Razborov, Alexei Semenov, and Anatol Slissenko (Eds.), *Proceedings of the 3rd international Conference on Computer Science: Theory and Applications (Moscow, Russia, June 07–12, 2008)*, Lecture Notes In Computer Science **5010**, Springer-Verlag, Berlin, Heidelberg, 2008, 146–157.