

PUBLICATIONS of Pavel Tumarkin

PREPRINTS

- [1] *Categorifications of non-integer quivers: types H_4 , H_3 and $I_2(2n + 1)$* (with D. D. Duffield), submitted, arXiv:2204.12752
- [2] *Friezes for a pair of pants* (with I. Canakci, A. G. Elsener and A. Felikson), submitted, arXiv:2111.13135
- [3] *Cluster algebras of finite mutation type with coefficients* (with A. Felikson), submitted, arXiv:2110.12917
- [4] *Mutation-finite quivers with real weights* (with A. Felikson), submitted, arXiv:1902.01997

PUBLISHED PAPERS

- [5] *Cluster algebras from surfaces and extended affine Weyl groups* (with A. Felikson, J. W. Lawson and M. Shapiro), *Transform. Groups* 26 (2021), 501–535 (special volume dedicated to the memory of E. Vinberg)
- [6] *Geometry of mutation classes of rank 3 quivers* (with A. Felikson), *Arnold Math. J.* 5 (2019), 37–55.
- [7] *Bases of cluster algebras from orbifolds with one marked point* (with I. Canakci), *Algebr. Comb.* 2 (2019), 355–365.
- [8] *Acyclic cluster algebras, reflection groups, and curves on a punctured disc* (with A. Felikson), *Adv. Math.* 340 (2018), 855–882.
- [9] *SL_2 -tilings do not exist in higher dimensions (mostly)* (with L. Demonet, P.-G. Plamondon, D. Rupel and S. Stella), *Sém. Lothar. Comb.* B76d (2018), 6 pp., <https://www.mat.univie.ac.at/~slc/wpapers/s76stella.html>
- [10] *Bases for cluster algebras from orbifolds* (with A. Felikson), *Adv. Math.* 318 (2017), 191–232.
- [11] *Coxeter groups, quiver mutations and geometric manifolds* (with A. Felikson), *J. London Math. Soc.*, 94 (2016), 38–60.
- [12] *Exchange relations for finite type cluster algebras with acyclic initial seed and principal coefficients* (with S. Stella), *SIGMA* 12 (2016), 067.
- [13] *Coxeter groups and their quotients arising from cluster algebras* (with A. Felikson), *Int. Math. Res. Notices* (2016), 5135–5186.

- [14] *Growth of cluster algebras* (with A. Felikson, M. Shapiro and H. Thomas), Proc. London Math. Soc. 109 (2014), 653–675.
- [15] *Reflection subgroups of skew-angled Coxeter groups* (with A. Felikson and J. Fintzen), J. Combin. Theory A 126 (2014), 92–127.
- [16] *Essential hyperbolic Coxeter polytopes* (with A. Felikson), Isr. J. Math. 199 (2014), 113–161.
- [17] *Cluster algebras and triangulated orbifolds* (with A. Felikson and M. Shapiro), Adv. Math. 231 (2012), 2953–3002.
- [18] *Cluster algebras of finite mutation type via unfoldings* (with A. Felikson and M. Shapiro), Int. Math. Res. Notices (2012), 1768–1804.
- [19] *Hyperbolic subalgebras of hyperbolic Kac-Moody algebras* (with A. Felikson), Transform. Groups 17 (2012), 87–122.
- [20] *Skew-symmetric cluster algebras of finite mutation type* (with A. Felikson and M. Shapiro), J. Eur. Math. Soc. 14 (2012), 1135–1180.
- [21] *Automorphism groups of root systems matroids* (with M. Dutour Sikirić and A. Felikson), Europ. J. Combin. 32 (2011), 383–389.
- [22] *Reflection subgroups of Coxeter groups* (with A. Felikson), Trans. Amer. Math. Soc. 362 (2010), 847–858.
- [23] *Coxeter polytopes with a unique pair of non-intersecting facets* (with A. Felikson), J. Combin. Theory A 116 (2009), 875–902.
- [24] *Regular subalgebras of affine Kac-Moody algebras* (with A. Felikson and A. Retakh), J. Phys. A 41 (2008), 365204 (16pp).
- [25] *On hyperbolic Coxeter polytopes with mutually intersecting facets* (with A. Felikson), J. Combin. Theory A 115 (2008), 121–146.
- [26] *On compact hyperbolic Coxeter n -polytopes with $n + 4$ facets* (with A. Felikson), Trans. Moscow Math. Soc. 69 (2008), 105–151.
- [27] *On simple ideal hyperbolic Coxeter polytopes* (with A. Felikson), Izv. Math. 72 (2008), 113–126.
- [28] *Compact hyperbolic Coxeter n -polytopes with $n + 3$ facets*, Electron. J. Combin. 14 (2007).
- [29] *Euclidean simplices generating discrete reflection groups* (with A. Felikson), European J. Combin. 28 (2007), 1056–1067.
- [30] *On hyperbolic Coxeter n -polytopes with $n+2$ facets* (with A. Felikson and T. Zehrt), Adv. Geom. 7 (2007), 177–189.

- [31] *Reflection subgroups of Euclidean reflection groups* (with A. Felikson), Sb. Math. 196 (2005), 1349–1369.
- [32] *Groups of signature $(0; n; 0)$* , J. Math. Sci. 128 (2005), 3501–3503.
- [33] *Reflection subgroups of reflection groups* (with A. Felikson), Funct. Anal. Appl. 38 (2004), 313–314.
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- [35] *Maximal rank root subsystems of hyperbolic root systems*, Sb. Math. 195 (2004), 121–134.
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OTHER PREPRINTS

- [38] *A series of word-hyperbolic Coxeter groups* (with A. Felikson), arXiv:math/0507389