PUBLICATIONS of Pavel Tumarkin

PREPRINTS

[1] *Punctured surfaces, quiver mutations, and quotients of Coxeter groups* (with A. Felikson and M. Shapiro), arXiv:2412.04960

[2] *Friezes from surfaces and Farey triangulation* (with A. Felikson), arXiv:2410.13511

[3] *Categorifications of non-integer quivers: type* $I_2(2n)$ (with D. D. Duffield), arXiv:2302.06988

PUBLISHED PAPERS

[4] $3D$ *Farey graph, lambda lengths and* SL_2*-tilings* (with A. Felikson, O. Karpenkov and K. Serhiyenko), Geom. Dedicata 219 (2025), article 33.

[5] *Polytopal realizations of non-crystallographic associahedra* (with A. Felikson, E. Yildirim), Algebr. Comb. 8 (2025), 17–28.

[6] *Categorifications of non-integer quivers: types* H_4, H_3 *and* $I_2(2n+1)$ (with D. D. Duffield), Represent. Theory 28 (2024), 275–327.

[7] *Cluster algebras of finite mutation type with coefficients* (with A. Felikson), arXiv:2110.12917, J. Comb. Algebra 8 (2024), 375–418.

[8] *Mutation-finite quivers with real weights* (with A. Felikson), Forum Math. Sigma 11 (2023), paper e9, 22 pp.

[9] *Friezes for a pair of pants* (with I. Canakci, A. G. Elsener and A. Felikson), Sém. Lothar. Comb. 86b (2022), paper B86.32, 12 pp.

[10] *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)

[11] *Geometry of mutation classes of rank* 3 *quivers* (with A. Felikson), Arnold Math. J. 5 (2019), 37–55.

[12] *Bases of cluster algebras from orbifolds with one marked point* (with I. Canakci), Algebr. Comb. 2 (2019), 355–365.

[13] *Acyclic cluster algebras, reflection groups, and curves on a punctured disc* (with A. Felikson), Adv. Math. 340 (2018), 855–882.

[14] SL_2*-tilings do not exist in higher dimensions (mostly)* (with L. Demonet, P.-G. Plamondon, D. Rupel and S. Stella), Sém. Lothar. Comb. B76 (2018), paper B76e, 6 pp.

[15] *Bases for cluster algebras from orbifolds* (with A. Felikson), Adv. Math. 318 (2017), 191–232.

[16] *Coxeter groups, quiver mutations and geometric manifolds* (with A. Felikson), J. London Math. Soc., 94 (2016), 38–60.

[17] *Exchange relations for finite type cluster algebras with acyclic initial seed and principal coefficients* (with S. Stella), SIGMA 12 (2016), 067.

[18] *Coxeter groups and their quotients arising from cluster algebras* (with A. Felikson), Int. Math. Res. Notices (2016), 5135–5186.

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[21] *Essential hyperbolic Coxeter polytopes* (with A. Felikson), Isr. J. Math. 199 (2014), 113–161.

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