

**PUBLICATIONS****RECENT PREPRINTS**

- [1] (with Ph. Lampe) *Exchange graphs for mutation-finite non-integer quivers of rank 3*, arXiv:1904.03928.
- [2] (with P. Tumarkin) *Mutation-finite quivers with real weights*, arXiv:1902.01997.

**PUBLISHED PAPERS**

- [3] (with J. W. Lawson, M. Shapiro and P. Tumarkin) *Cluster algebras from surfaces and extended affine Weyl groups*, to appear in *Transformation Groups*. arXiv:2008.00480.
- [4] (with I. Canakci) *Infinite rank surface cluster algebras*, *Advances in Mathematics* 352 (2019): 862–942.
- [5] (with P. Tumarkin) *Geometry of mutation classes of rank 3 quivers*, *Arnold Mathematical Journal*, (2019) 5(1): 37–55.
- [6] (with P. Tumarkin) *Acyclic cluster algebras, reflection groups and curves on a punctured disc*, *Advances in Mathematics* 340 (2018) 855–882.
- [7] (with P. Tumarkin) *Bases for cluster algebras from orbifolds*, *Advances in Mathematics*, 318 (2017), 191–232.
- [8] (with S. Natanzon) *Double pants decompositions revisited*. *Moscow Math. J.*, 17(1): 51–58.
- [9] (with P. Tumarkin) *Coxeter groups, quiver mutations and geometric manifolds*, *J. London Math. Soc.*, 94 (2016), 38–60.
- [10] (with P. Tumarkin) *Coxeter groups and their quotients arising from cluster algebras*, *Int. Math. Res. Notices* (2016), 5135–5186.
- [11] (with J. Fintzen and P. Tumarkin) (2014). *Reflection subgroups of odd-angled Coxeter groups*. *Journal of Combinatorial Theory, Series A* 126 (2014), 92–127.
- [12] (with M. Shapiro, H. Thomas and P. Tumarkin) *Growth rate of cluster algebras*. *Proc. London Math. Soc.* 109 (2014), 653–675.
- [13] (with P. Tumarkin) *Essential hyperbolic Coxeter polytopes*. *Israel Journal of Mathematics* 199 (2014), 113–161.
- [14] (with M. Shapiro and P. Tumarkin) *Cluster algebras and triangulated orbifolds*. *Advances in Mathematics* 231 (2012), 2953–3002.
- [15] (with S. Natanzon) *Moduli via double pants decompositions*. *Differential Geometry and its Applications* 30 (2012), 490–508.
- [16] (with M. Shapiro and P. Tumarkin) *Cluster algebras of finite mutation type via unfoldings*. *Int. Math. Res. Notices* 8 (2012), 1768–1804.
- [17] (with M. Shapiro and P. Tumarkin) *Skew-symmetric cluster algebras of finite mutation type*. *J. Eur. Math. Soc.* 14 (2012), 1135–1180.
- [18] (with P. Tumarkin) *Hyperbolic subalgebras of hyperbolic Kac-Moody algebras*. *Transform. Groups* 17 (2012), 87–122.

- [19] (with S. Natanzon) *Labeled double pants decompositions*. Moscow Math. J. 11 (2011), 505–519.
- [20] (with S. Natanzon) *Double pants decompositions of 2-surfaces*. Moscow Math. J. 11 (2011), 231–258.
- [21] (with M. D. Sikiric and P. Tumarkin) *Automorphism group of root systems matroids*. Europ. J. Combin 32 (2011), 383–389.
- [22] (with P. Tumarkin) *Reflection subgroups of Coxeter groups*. Trans. Amer. Math. Soc. 362 (2010), 847–858.
- [23] (with P. Tumarkin) *On Coxeter polytopes with a unique pair of disjoint facets*. J. Combin. Theory A 116 (2009), 875–902.
- [24] (with A. Retakh and P. Tumarkin) *Regular subalgebras of affine Kac-Moody algebras*. J. Phys. A: Math. Theor. 41 (2008) 365204 (16pp).
- [25] (with P. Tumarkin) *On Coxeter polytopes with mutually intersecting facets*. J. Combin. Theory A 115 (2008), 121–146.
- [26] (with P. Tumarkin) *On compact hyperbolic  $d$ -polytopes with  $d + 4$  facets*. Trans. Moscow Math. Soc. 69 (2008), 105–151.
- [27] (with P. Tumarkin) *On simple ideal Coxeter hyperbolic polytopes*. Izv. Math. 72 (2008), 113–126.
- [28] (with P. Tumarkin) *Euclidean simplices generating discrete reflection groups*. Europ. J. Combin. 28 (2007), 1056–1067.
- [29] (with P. Tumarkin and T. Zehrt) *On hyperbolic Coxeter  $n$ -polytopes with  $n + 2$  facets*. Adv. Geom. 7 (2007), 177–189.
- [30] (with P. Tumarkin) *Reflection subgroups of Euclidean reflection groups*. Sb. Math. 196 (2005), 1349–1369.
- [31] *Coxeter decompositions of hyperbolic tetrahedra*. J. Math. Sci. 128 (2005), 3504–3514.
- [32] *Coxeter decompositions of hyperbolic pyramids and triangular prisms*. Math. Notes 75 (2004), 583–593.
- [33] *Lambert cube generating a discrete reflection group*. Math. Notes 75 (2004), 250–258.
- [34] *Spherical simplices generating discrete reflection groups*. Sb. Math. 195 (2004), 585–598.
- [35] (with P. Tumarkin) *Reflection subgroups of reflection groups*. Funct. Anal. Appl. 38 (2004), 313–314.
- [36] *Coxeter decompositions of spherical simplices with fundamental dihedral angles*. Russian Math. Surveys 57 (2002), 420–421.
- [37] *Coxeter decompositions of hyperbolic simplices*. Sb. Math. 193 (2002), 1867–1888.
- [38] *Coxeter decompositions of hyperbolic polygons*. Europ. J. Combin. 19 (1998), 801–817.
- [39] *On Thurston signatures*. Russian Math. Surveys 52 (1997), 826–827.

#### OTHER PREPRINTS

- [40] (with P. Tumarkin) *A series of word-hyperbolic Coxeter groups*. arxiv:math.GR/0507389.
- [41] (with P. Tumarkin) *Three symmetries groups*. Bielefeld, no. 98-104.