

Anca Măcinic / Lista de lucrări

- 1 Freeness and near freeness are combinatorial for line arrangements in small degrees (with Alexandru Dimca and Denis Ibadula), accepted to publication in **Discrete Mathematics** (2019).
- 2 Numerical invariants and moduli spaces for line arrangements (with Alexandru Dimca and Denis Ibadula), accepted to publication in **Osaka Journal of Mathematics** (2019).
- 3 On the geometry and topology of partial configuration spaces of Riemann surfaces (with Barbu Berceanu, Ștefan Papadima and Radu Clement Popescu), **Algebraic & Geometric Topology**, 17 (2017), no. 2, 1163-1188.
- 4 Some remarks on the realizability spaces of $(3, 4)$ -nets (with Denis Ibadula), accepted to publication in the Proceedings of the conference "Experimental and Theoretical Methods in Algebra, Geometry and Topology", Bridging Algebra, Geometry, and Topology, **Springer Proceedings in Mathematics & Statistics**, 2014, 159–166.
- 5 Modular equalities for complex reflection arrangements (with Ștefan Papadima and Radu Clement Popescu), **Documenta Mathematica**, Vol. 22 (2017), 135–150.
- 6 On the second nilpotent quotient of higher homotopy groups for hypersolvable arrangements (with Daniel Matei and Ștefan Papadima), **IMRN**, .Volume 2015, Issue 24, Pp. 13194–13207.
- 7 Pencil type line arrangements of low degree: classification and monodromy (with Alexandru Dimca and Denis Ibadula), **Ann. Scuola Norm. Sup. Pisa**, (5) Vol. XV (2016), 249–267.
- 8 Flat connections and resonance varieties: from rank one to higher ranks (with Ștefan Papadima, Radu Clement Popescu and Alexandru Suciu), **Trans. Amer. Math. Soc.** 369 (2017), 1309–1343.
- 9 Cohomology rings and formality properties of nilpotent groups, **Journal of Pure and Applied Algebra** 214 (2010), pp. 1818-1826.
- 10 Characteristic varieties of nilpotent groups and applications (with Ștefan Papadima), **Proceedings of the Sixth Congress of Romanian Mathematicians (Bucharest, 2007)**, vol.1, pp. 57-64, Romanian Academy, Bucharest, 2009.
- 11 On the monodromy action on Milnor fibers of graphic arrangements (with Ștefan Papadima), **Topology and its Applications** 156 (2009), 761-774.
- 12 A survey of combinatorial aspects in the topology of complex hyperplane arrangements, **Contemporary Mathematics** 508 (2009), 113-128.