

LISTA de LUCRARI

DANIEL MATEI

Articole publicate:

1. *Characteristic varieties of quasi-projective manifolds and orbifolds*, cu E. Artal-Bartolo, J.I. Cogolludo-Agustin, in *Geometry and Topology* 17 (2013) 273–309; arXiv:1005.4761.
2. *Hyperplane arrangements of Torelli type*, cu D. Faenzi, J. Vallès, in *Compositio Mathematica* 149 (2013), 309–332; arXiv:1011.4611.
3. *Fundamental groups of quasiprojective manifolds and orbifolds*, in “Invited Contributions of the 7th Congress of Romanian Mathematicians, Brasov, 2011”, Editura Academiei Române, 2013, 197–205.
4. *Cohomology algebra of plane curves, weak combinatorial type, and formality*, cu J.I. Cogolludo-Agustin, in *Transactions of the A.M.S.* 364 (2012), 5765–5790; arXiv:0711.1951.
5. *Orbifold groups, quasi-projectivity and covers*, cu E. Artal-Bartolo, J.I. Cogolludo-Agustin, in *Journal of Singularities* 5 (2012), 33–47; arXiv:1203.1645.
6. *Quasi-projectivity, Artin groups and pencil maps*, cu E. Artal-Bartolo, J.I. Cogolludo-Agustin, *A.M.S. Contemporary Mathematics* 538 (2011), 113–136; arXiv:1005.5225.
7. *Homology of finite index subgroups of finitely presented groups*, *An. Stiint. Univ. Al. I. Cuza Iasi. Mat.* 53 (2007), 241–276.
8. *Pro- p link groups and p -homology groups*, cu J. Hillman, M. Morishita, in *Primes and knots*, *A.M.S. Contemporary Mathematics* 416 (2006), 121–136; arXiv:math/0505433.
9. *Massey products of complex hypersurface complements*, in *Singularity theory and its applications*, *Adv. Stud. in Pure Math.*, vol. 43 (2006), *Math. Soc. Japan*, Tokyo, 205–219; arXiv:math/0505391.
10. *Counting homomorphisms onto finite solvable groups*, cu A. Suciu, *Journal of Algebra* 286 (2005), 161–186; arXiv:math/0405122.

11. *Hall Invariants, homology of subgroups and characteristic varieties*, cu A. Suciuc, International Math. Research Notices 9 (2002), 465–503; arXiv:math/0010046.
12. *Cohomology rings and nilpotent quotients of real and complex arrangements*, cu A. Suciuc, in *Arrangements - Tokyo 1998*, Adv. Stud. in Pure Math., vol. 27 (2000), Math. Soc. Japan, Tokyo, 185–215. arXiv:math/9812087.
13. *Homotopy types of complements of 2-arrangements in \mathbb{R}^4* , cu A. Suciuc, Topology 39 (2000), no. 1, 61–88. arXiv:math/9712251.

Articole in curs de publicare:

1. *On multiserver retrieval queues: History, Okubo-type hypergeometric systems and matrix continued-fractions*, cu F. Avram, Y.Q. Zhao, urmeaza sa apara in "Asia-Pacific Journal of Operational Research".
2. *Arrangements of hypersurfaces and Bestvina-Brady groups*, cu E. Artal-Bartolo, J.I. Cogolludo-Agustin, urmeaza sa apara in "Groups, Geometry, and Dynamics".

Preprinturi trimise:

1. *On the second nilpotent quotient of higher homotopy groups, for hypersolvable arrangements*, with A. Macinic, S. Papadima; arXiv:1302.5822.

Preprinturi:

1. *Arrangements of hypersurfaces and Bestvina-Brady groups*, cu E. Artal-Bartolo, J.I. Cogolludo-Agustin; Oberwolfach Reports, 4:2347–2348, 2007.

Alte lucrari:

1. Appendix in *Mutation and the colored Jones polynomial*, de A. Stoimenow, T. Tanaka; J. Gokova Geom. Topol. 3 (2009), 44–78; arXiv:math/0607794.