

## Lista de publicații

### GRIGORE–MARIUS VLĂDOIU

#### Articole publicate

1. H. Charalambous, A. Thoma, M. Vladoiu, *Minimal generating sets of lattice ideals*, **Colloctanea Mathematica**, 68(3), 377–400, 2017. arXiv:1303.2303v3
2. H. Charalambous, A. Thoma, M. Vladoiu, *Binomial fibers and indispensable binomials*, **J. Symbolic Computation**, 74, 578–591, 2016. arXiv:1501.05142v2
3. H. Charalambous, A. Thoma, M. Vladoiu, *Markov bases and generalized Lawrence liftings*, **Annals of Combinatorics**, 19(4), 661–669, 2015. arXiv:0697072v3
4. H. Charalambous, A. Thoma, M. Vladoiu, *Markov complexity of monomial curves*, **J. Algebra** 417, 391–411, 2014. arXiv:1311.4707
5. J. Herzog, M. Vladoiu, *Monomial ideals with primary components given by powers of monomial prime ideals*, **Electronic J. Combinatorics** 21 (1), #P1.69, 18 pp., 2014. arXiv:1310.3409
6. J. Herzog, M. Vladoiu, *Squarefree monomial ideals with constant depth function*, **J. Pure Applied Algebra** 217(9), pp. 1764–1772, 2013. arXiv:1209.5890
7. J. Herzog, A. Rauf, M. Vladoiu, *The stable set of associated prime ideals of a polymatroidal ideal*, **J. Algebraic Combinatorics** Vol. 37(2), 289–312, 2013. arXiv:1109.5834
8. J. Herzog, D. Popescu, M. Vladoiu, *Stanley depth and size of a monomial ideal*, **Proc. Amer. Math. Soc.** 140, 493–504, 2012. arXiv:1011.6462
9. J. Herzog, M. Vladoiu, X. Zheng, *How to compute the Stanley depth of a monomial ideal*, **J. Algebra** 322, 3151–3169, 2009. arXiv:0712.2308
10. M. Vladoiu, *Equidimensional and unmixed ideals of Veronese type*, **Communications in Algebra** 36(9), 3378–3392, 2008. arXiv:math/0611326
11. D. Popescu, M. Vladoiu, *Strong Lefschetz property on algebras of embedding dimension three*, **Bull. Math. Soc. Sci. Math. Roumanie** (N.S.) 49(97), no.1, 75–86, 2006.
12. M. Vladoiu, *Discrete Polymatroids*, **An. Șt. Univ. Ovidius Constanța**, Vol. 14(2), 89–112, 2006.
13. J. Herzog, T. Hibi, M. Vladoiu, *Ideals of fiber type and polymatroids*, **Osaka J. Math.** 42, 807–829, 2005.
14. J. Herzog, D. Popescu, M. Vladoiu, *On the Ext-modules of ideals of Borel type*, **Contemporary Mathematics** 331, 171–186, 2003.

#### Articole submise

15. S. Petrović, A. Thoma, M. Vladoiu, *Bouquet algebra of toric ideals*. arXiv:1507.02740v3
16. S. Petrović, A. Thoma, M. Vladoiu, *Hypergraph encodings of arbitrary toric ideals*. arXiv:1711.04354v1

#### Cărți (suport de curs)

Am scris primul capitol (fiecare autor a scris câte unul) din următoarea carte:

17. G. Bercu, L. Dăuș, L.A. Pletea, L. Popa, M. Vladoiu, C. Voica – *Algebră liniară, geometrie analitică, geometrie diferențială și elemente de algebră tensorială*, **Vol. 1**, Algebră liniară, ISBN 978-606-624-314-8, editor StudIS, 228 pages, 2013.