

PUBLICATIONS

Alexandru Constantinescu

- [1.] *Gorenstein Liaison for Toric Ideals of Graphs* (with E.Gorla)
Journal of Algebra, vol. 502, pp. 249–261, (2018)
- [2.] *Linear syzygies, flag complexes, and regularity* (with T.Kahle, M.Varbaro)
Collectanea Mathematica, vol. 67, Issue 3, pp. 357–362, (2016)
- [3.] *Determinantal schemes and pure O -sequences* (with M.Mateev)
Journal of Pure and Applied Algebra 219, pp. 3873–3888, (2015)
- [4.] *Cohen-Macaulayness and Limit Behaviour of Depth for Powers of Cover Ideals*
(with M.R.Pournaki, M.R.Seyed Fakhari, N.Terai, SYassemi)
Communications in Algebra 43, No. 1, pp. 143–157 (2015)
- [5.] *h -vectors of matroid complexes* (with M.Varbaro)
Proceedings of CoMeTA 2013, Springer INdAM series, (2015)
- [6.] *Note on a conjecture by Kalai* (with G.Caviglia, M.Varbaro)
Israel Journal of Mathematics 0021-2172, pp. 1–7, (2014)
- [7.] *Generic and special constructions of pure O -sequences* (with T.Kahle, M.Varbaro)
Bulletin of the London Mathematical Society, vol 46, (5). pp. 924–942, (2014)
- [8.] *On the h -vectors of Cohen-Macaulay Flag Complexes* (with M.Varbaro)
Mathematica Scandinavica, vol. 112, issue 1, pp. 87–111, (2013)
- [9.] *Veronese Algebras and Modules of Rings with Straightening Laws*
Journal of Commutative Algebra, vol. IV, Issue 2, pp.229–254, (2012)
- [10.] *Parametrizations of Ideals of $k[x, y]$ and $k[x, y, z]$*
Journal of Algebra 346, pp. 1–30, (2011)
- [11.] *Koszulness, Krull Dimension and Other Properties of Graph Algebras* (with M.Varbaro)
Journal of Algebraic Combinatorics 34, pp. 375–400, (2011)
- [12.] *The Standard Graded Property of Vertex Cover Algebras of Quasi-Trees* (with N.Le Dinh)
Le Matematiche, Volume LXIII, Issue II, pp. 173–183, (2009)
- [13.] *Dimension, Depth and Zero-Divisors of the Algebra of Basic k -Covers of a Graph*
(with B.Benedetti, M.Varbaro)
Le Matematiche, Volume LXIII, Issue II, pp. 117–156, (2009)
- [14.] *Hilbert Function and Betti Numbers of Algebras with Lefschetz Property of Order m*
Communications in Algebra, 36, 12, pp. 4704–4720, (2008)

SUBMITTED PAPERS

- [15.] *Linear Syzygies, Hyperbolic Coxeter Groups, and Regularity*
(with T.Kahle, M.Varbaro) MFO preprint https://www.mfo.de/scientific-programme/publications/owp/2017/OWP2017_15.pdf
submitted to Compositio Mathematica ;