Ivan Martino

Publication List

Department of Mathematics, Northeastern University,
360 Huntington Avenue, Boston, MA 02115, USA
✉ *ivanmartino.math@gmail.com*
⌂ *www.ivanmartino.com*
Google Scholar profile

Updated on January 9, 2019

All my scientific production is available on `arXiv.org` and on my `Google scholar profile`.

In preparation, draft available upon request

- *Groups generated in complex codimension two*, with Rahul Singh;
- *Realizable $\mathbb{Z}$-matroids*, with Alex Fink;

Submitted for publication and available in arXiv.org

- *Toric arrangements are shellable*, with Alex Fink;
- *On the codimension of Noether-Lefshetz loci for toric threefolds*, with Valeriano Lanza;
- *Subspace arrangements and motives of classifying stacks of reflection groups*, with Emanuele Delucchi;

Accepted, In Press, and Published articles

- *Cohen-Macaulay Property of pinched Veronese Rings*, with Ornella Greco, accepted in Journal of Commutative Algebra (2019);
- *Finite Groups Generated in Low Real Codimension*, with Rahul Singh, accepted in Linear Algebra and its Applications (2018);
- *Face module for realizable $\mathbb{Z}$-matroids*, Contributions to Discrete Mathematics, Volume 13, Number 2, Pages 74–87;
- *Introduction to the Ekedahl Invariants*, MATH. SCAND. 120 (2017), 211–224a;
- *The Ekedahl invariants for finite groups*, J. Pure Appl. Algebra 220 (2016), no. 4, 1294–1309
- *Syzygies of Veronese modules* with Ornella Greco, Comm. Algebra 44 (2016), no. 9, 3890–3906;
- *Vertex Collapsing and Cut Ideals*, Serdica Math. J. 41 (2015), 229-242;
- *On the variety of linear recurrences and numerical semigroups* with Luca Martino, Semigroup Forum 88 (2014), no. 3, 569-574. 20M14;
- *Global Optimization for Algebraic Geometry - Computing Runge-Kutta Methods* with Giuseppe Nicosia, Learning and Intelligent Optimization, Lecture Notes in Computer Science, 2012, 2012, 449-454;
- *Regular sequences of power sums and complete symmetric polynomials* with Neeraj Kumar, Le Matematiche, Vol. LXVII (2012) - Fasc. I, pp. 103-117;
- *An algebraic proof for the identities for the degree of syzygies in numerical semigroup* with Neeraj Kumar, Le Matematiche, Vol. LXVII (2012) - Fasc. I, pp. 81-89;

Doctoral, Licentiate and Diploma Thesis

- *Ekedahl Invariants, Veronese Modules and Linear Recurrence Varieties*, Doctoral Thesis – Stockholm University (2014);

- *The Ekedahl Invariants for finite groups*, Licentiate Thesis – Stockholm University (2013);

- *Signal functions on Semigroups*, Diploma Thesis – Catania Institute of Advanced Study (2010).