

CLAUDIU RAICU

PUBLICATION LIST

1. *Topological invariants of groups and Koszul modules*, with Marian Aprodu, Gavril Farkas, Ștefan Papadima and Jerzy Weyman, preprint, arXiv: 1806.01702.
2. *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, with András C. Lőrincz, preprint, arXiv: 1805.08895.
3. *Equivariant \mathcal{D} -modules on binary cubic forms*, with András C. Lőrincz and Jerzy Weyman, preprint, arXiv: 1712.09932.
4. *Homological invariants of determinantal thickenings*, Bull. Math. Soc. Sci. Math. Roumanie, Volume **60** (108), no. 4:425–446, 2017.
5. *On the (non-)vanishing of syzygies of Segre embeddings*, with Luke Oeding and Steven V. Sam, preprint, arXiv: 1708.03803.
6. *Regularity and cohomology of determinantal thickenings*, Proceedings of the London Mathematical Society **116**, no. 2:248–280, 2018.
7. *Bernstein–Sato polynomials for maximal minors and sub-maximal Pfaffians*, with András C. Lőrincz, Uli Walther, and Jerzy Weyman, Advances in Mathematics **307**:224–252, 2017.
8. *The syzygies of some thickenings of determinantal varieties*, with Jerzy Weyman, Proceedings of the American Mathematical Society **145**:49–59, 2017.
9. *Characters of equivariant \mathcal{D} -modules on Veronese cones*, Transactions of the American Mathematical Society **369**, no. 3:2087–2108, 2017.
10. *Local cohomology with support in ideals of symmetric minors and Pfaffians*, with Jerzy Weyman, Journal of the London Mathematical Society, Volume **94**, Issue 3:709–725, 2016.
11. *Characters of equivariant \mathcal{D} -modules on spaces of matrices*, Compositio Mathematica, Volume **152**, Issue 9:1935–1965, 2016.
12. *Representation stability for syzygies of line bundles on Segre–Veronese varieties*, Journal of the European Mathematical Society **18**, no. 6:1201–1231, 2016.
13. *Introduction to uniformity in commutative algebra*, with Craig Huneke, Mathematical Sciences Research Institute Publications, **67**:163–190, Commutative Algebra and Noncommutative Algebraic Geometry, Cambridge Univ. Press, Cambridge, 2015.
14. *Non-simplicial decompositions of Betti diagrams of complete intersections*, with Courtney Gibbons, Jack Jeffries, Sarah Mayes, Branden Stone, and Bryan White, Journal of Commutative Algebra **7**, no. 2:189–206, 2015.
15. *Local cohomology with support in generic determinantal ideals*, with Jerzy Weyman, Algebra & Number Theory **8**, no. 5:1231–1257, 2014.
16. *Local cohomology with support in ideals of maximal minors and sub-maximal Pfaffians*, with Jerzy Weyman and Emily Witt, Advances in Mathematics **250**:596–610, 2014.
17. *Products of Young symmetrizers and ideals in the generic tensor algebra*, Journal of Algebraic Combinatorics **39**, no. 2, 247–270, 2014.
18. *Tangential varieties of Segre–Veronese varieties*, with Luke Oeding, Collectanea Mathematica **65**, no. 3:303–330, 2014.

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19. 3×3 Minors of Catalecticants, Mathematical Research Letters **20**, no. 4:745–756, 2013.
 20. Secant varieties of Segre–Veronese varieties, Algebra & Number Theory **6**, no. 8:1817–1868, 2012.
 21. Affine toric equivalence relations are effective, Proceedings of the American Mathematical Society **138**:3835–3847, 2010.
 22. Appendix to J. Kollár, *Quotients by finite equivalence relations*, Mathematical Sciences Research Institute Publications, **59**:227–256, Current developments in algebraic geometry, Cambridge Univ. Press, Cambridge, 2012.