

Listă de lucrări

Rodica Andreea Dinu

Articole publicate:

1. **Rodica Dinu**, Francesco Navarra, *On the rook polynomial of grid polyominoes*, Discrete Mathematics, **349** (12), 115282, 2026.
2. **Rodica Dinu**, Mateusz Michałek, Tim Seynnaeve, *Applications of intersection theory: from maximum likelihood to chromatic polynomials*, Varieties, Polyhedra, Computation, editors: Peter Bürgisser, Gavril Farkas, Christian Haase, EMS-Publishing House, 95–141, 2025.
3. **Rodica Dinu**, Francesco Navarra, *Non-simple polyominoes of König type and their canonical module*, Journal of Algebra, **673**, 351–384, 2025.
4. **Rodica Dinu**, Nayana Shibu-Deepthi, *(S_2) -condition of edge rings for cactus graphs*, Communications in Algebra, 1–19, 2025.
5. **Rodica Dinu**, Martin Vodička, *Classification of normal phylogenetic varieties for tripods*, Journal of Combinatorial Algebra, 2024.
6. **Rodica Dinu**, Martin Vodička, *Phylogenetic degrees for claw trees*, Journal of Combinatorial Theory Series A, **206**, 105886, 2024.
7. **Rodica Dinu**, Jürgen Herzog, Ayesha Asloob Qureshi, *Restricted classes of Veronese type ideals and algebras*, International Journal of Algebra and Computation, **31** (1), 173–191, 2021.
8. **Rodica Dinu**, Christopher Eur, Tim Seynnaeve, *K-theoretic Tutte polynomials of morphisms of matroids*, Journal of Combinatorial Theory Series A, **181**, 105414, 2021.
9. **Rodica Dinu**, Martin Vodička, *Gorenstein property for phylogenetic trivalent trees*, Journal of Algebra, **575**, 233–255, 2021.
10. **Rodica Dinu**, Tim Seynnaeve, *The Hessian discriminant*, Le Matematiche, Special issue on Twenty-seven questions about the cubic surface, Editors Marta Panizzut, Kristian Ranestad, Emre Sertöz, **75** (2), 595–610, 2020.
11. **Rodica Dinu**, *Gorenstein t -spread Veronese algebras*, Osaka Journal of Mathematics, **57** (4), 935–947, 2020.
12. Amanda Cameron, **Rodica Dinu**, Mateusz Michałek, Tim Seynnaeve, *Flag matroids: algebra and geometry*, Interactions with Lattice Polytopes, Springer, Editors: Alexander Kasprzyk, Benjamin Nill, Magdeburg, Germany, 73–114, September 2017 (2022).
13. **Rodica Dinu**, Viviana Ene, Takayuki Hibi, *On the regularity of join-meet ideals of modular lattices*, Journal of Commutative Algebra, **13** (4), 479–488, 2021.

Articole trimise la reviste (under review):

14. **Rodica Dinu**, Martin Vodička, *Self-inverse linear subspaces of matrices*, arXiv:2606.21214, preprint 2026.
15. **Rodica Dinu**, Martin Vodička, *Proof of a Conjecture of Drton, Sturmfels and Sullivant on the maximum likelihood degree of the Gaussian graphical model of a cycle*, arXiv:2503.02704 preprint 2025.
16. Nasrin Altafi, **Rodica Dinu**, Sara Faridi, Shreedevi K. Masuti, Rosa M. Miró-Roig, Alexandra Seceleanu, Nelly Villamizar, *Artinian Gorenstein algebras with binomial Macaulay dual generator*, arXiv:2502.18149, preprint 2025.
17. Nasrin Altafi, **Rodica Dinu**, Shreedevi K. Masuti, Rosa M. Miró-Roig, Alexandra Seceleanu, Nelly Villamizar, *New families of Artinian Gorenstein algebras with the weak Lefschetz property*, arXiv:2502.16687, preprint 2025.
18. **Rodica Dinu**, Mateusz Michałek, Martin Vodička, *Geometry of the Gaussian graphical model of the cycle*, arXiv:2111.02937, preprint 2021.
19. **Rodica Dinu**, Martin Vodička, *Phylogenetic degrees for Jukes-Cantor model*, arXiv:2405.20184, preprint 2024.
20. Carlos Améndola, **Rodica Dinu**, Mateusz Michałek, Martin Vodička, *On the maximum likelihood degree of Gaussian graphical models*, arXiv:2410.07007, preprint 2024.
21. **Rodica Dinu**, Francesco Navarra, *The Complete Intersection property for binomial ideals of collections of cells*, arXiv: 2603.22132, preprint 2026, acceptată în Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie.

Rapoarte:

Rodica Dinu, *Algebraic degrees of phylogenetic varieties*, **Oberwolfach Reports** No. 29/2024, Arrangements, Matroids and Logarithmic vector fields, Editors: Takuro Abe, Graham Denham, Eva Maria Feichtner, Gerhard Röhrle, DOI: 10.4171/OWR/2024/29 .

Dinu Rodica Andreea

