

# List of papers

Mircea Cimpoeas

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1. *Finite multicomplexes*, An. St. Univ. Ovidius, seria matematica, **14(2)** (2006), pag. 9-30.
2. *A generalization of Pardue's formula*, Bull. Math. Soc. Sci. Math. Roumanie, **49 (97)(4)** (2006), pag. 315-334.
3. *Generic initial ideal for complete intersections of embedding dimension three with strong Lefschetz property*, Bull. Math. Soc. Sci. Math. Roumanie **50(98)(1)** (2007), pag. 3 - 31.
4. *A note on the generic initial ideal for complete intersections*, Bull. Math. Soc. Sci. Math. Roumanie **50(98)(2)** (2007), pag. 119 - 130.
5. *Regularity for certain classes of monomial ideals*, An. St. Univ. Ovidius Constanta seria matematica **15(1)** (2007), pag. 33 - 46.
6. *A stable property of Borel type ideals*, Communications in Algebra **36(2)** (2008), pag. 674 - 677.
7. *Some remarks on the Stanley's depth of multigraded modules*, Le Matematiche **63(2)** (2008), pag. 165 - 171.
8. *Stanley depth of complete intersection monomial ideals*, Bull. Math. Soc. Sci. Math. Roumanie **51(99)(3)** (2008), pag. 205 - 211.
9. *Some remarks on Borel type ideals*, Communications in Algebra **37(2)** (2009), pag. 724 - 727.
10. *Stanley depth of monomial ideals with small number of generators*, Central European Journal of Mathematics **7(4)** (2009), pag. 629 - 634.
11. *Lefschetz property of complete intersections*, Analele Universitatii din Bucuresti **58(2)** (2009), pag. 125 - 144.

12. *The Stanley conjecture on monomial almost complete intersection ideals*, Bull. Math. Soc. Sci. Math. Roumanie **55(103)(1)** (2012), pag. 35 - 39.
13. *Several inequalities regarding Stanley depth*, Rom. J. Math. Comput. Sci. **2(1)** (2012), pag. 28 - 40.
14. *Vertex cover algebras of simplicial multicomplexes*, Rom. J. Math. Comput. Sci. **3(1)** (2013), pag. 1 - 4.
15. *Stanley depth of squarefree Veronese ideals*, An. St. Univ. Ovidius Constanta seria matematica **21(3)** (2013), pag. 67 - 71.
16. *On the Stanley depth of monomial ideals*, Revue Roumaine de math. pure et appliques **58(2)** (2013), pag. 205 - 212.
17. *Regularity of quasi-symbolic and bracket powers of Borel type ideals*, Rom. J. Math. Comput. Sci. **4(1)** (2014), pag. 73 - 80.
18. *Stanley Depth of Quotient of Monomial Complete Intersection Ideals*, Communications in Algebra **40(8)** (2014), pag. 2720 - 2731.
19. *On the Stanley depth of edge ideals of line and cyclic graphs*, Rom. J. Math. Comput. Sci. **5(1)** (2015), pag. 70 - 75.
20. *On intersection of complete intersection ideals* (joint work with Dumitru Stamate), Journal of Pure and Applied Algebra, **Volume 220, Issue 11**, November (2016), pag. 3702-3712.
21. *On the quasi-depth of squarefree monomial ideals and the sdepth of the monomial ideal of independent sets of a graph*, An. Ştiinţ. Univ. Al. I. Cuza Iaşi Mat., **LXII(2) vol 3** (2016), pag. 863-870.
22. *On The Stanley Depth Of The Path Ideal Of A Cycle Graph*, Rom. J. Math. Comput. Sci. **6(2)** (2016), pag. 116 - 120.
23. *Stanley depth of the path ideal associated to a line graph*, Mathematical Reports **vol.19(2)** (2017), pag. 157-164.
24. *A class of square-free monomial ideals associated to two integer sequences*, Communications in Algebra **Volume 46, Issue 3** (2018), pag. 1179-1187.
25. *On the restricted partition function* (joint work with Florin Nicolae), Ramanujan J. (2018), <https://doi.org/10.1007/s11139-017-9985-3>