

**FIȘA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE**  
conform CNATDCU

Candidat: **Mircea Cimpoeaș**

**Publicații:**

Nr. crt.	Articol, referință bibliografică	Publicat in ultimii 7 ani	si	ni	si/ni
1	A generalization of Pardue's formula, Bull. Math. Soc. Sci. Math. Roumanie, 49 (97)(4) (2006), pag. 315-334.	Nu	0,576 (2015)	1	0,576
2	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.	Nu	0,576 (2015)	1	0,576
3	A note on the generic initial ideal for complete intersections, Bull. Math. Soc. Sci. Math. Roumanie 50(98)(2) (2007), pag. 119-130.	Nu	0,576 (2015)	1	0,576
4	A stable property of Borel type ideals, Communications in Algebra 36(2) (2008), pag. 674-677.	Nu	0,639 (2017)	1	0,639
5	Stanley depth of complete intersection monomial ideals, Bull. Math. Soc. Sci. Math. Roumanie 51(99)(3) (2008), pag. 205-211.	Nu	0,576 (2015)	1	0,576
6	Some remarks on Borel type ideals, Comm. in Algebra 37(2) (2009), pag. 724-727.	Nu	0,639 (2017)	1	0,639

7	Stanley depth of monomial ideals with small number of generators, Central European Journal of Mathematics 7(4) (2009), pag. 629-634.	Nu	0,740 (2017)	1	0,740
8	The Stanley conjecture on monomial almost complete intersection ideals, Bull. Math. Soc. Sci. Math. Roumanie 55(103)(1) (2012), pag. 35-39.	Da	0,576 (2015)	1	0,576
9	Stanley Depth of Quotient of Monomial Complete Intersection Ideals, Communications in Algebra 40(8) (2014), pag. 2720-2731.	Da	0,639 (2017)	1	0,639
10	On intersection of complete intersection ideals (joint work with Dumitru Stamate), Journal of Pure and Applied Algebra, Volume 220, Issue 11 (2016), pag. 3702-3712.	Da	1,258 (2018)	2	0,629
11	A class of square-free monomial ideals associated to two integer sequences, Communications in Algebra Volume 46, Issue 3 (2018), pag.1179-1187.	Da	0,639 (2017)	1	0,639
12	On the restricted partition function (joint work with Florin Nicolae), Ramanujan Journal, Volume 47, Issue 3 (2018), pag.565-588.	Da	0,991 (2018)	2	0,4955
13	Independence of Artin L-functions (joint work with Florin Nicolae), Forum Mathematicum, Volume 31, Issue 2 (2019), pag. 529-534.	Nu	1,503 (2017)	2	0,7515
14	Corrigendum to "On the restricted partition function" (joint work with Florin Nicolae), Ramanujan Journal, Volume 49, Issue 3 (2019), pag.699-700.	Nu	0,991 (2018)	2	0,4955

<b>Total:</b>	<b>Irecent=2,9785</b>	<b>I=8,547</b>
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Nr. crt.	Articolul citat	Articolul in care a fost citat	Referință bibliografică	si
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2	Mircea Cimpoeas: 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	Young Hyun Cho, Jung Pil Park: Conditions for generic initial ideals to be almost reverse lexicographic	J. Algebra 319(7), (2008), pag. 2761-2771	1,215 (2017)
3		Tadahito Harima, Akihito Wachi: Generic initial ideals, graded Betti numbers, and k-Lefschetz properties	Comm. Algebra 37(11), (2009), pag 4012-4025	0,639 (2017)
4		Tadahito Harima, Sho Sakaki, Akihito Wachi: Generic initial ideals of some monomial complete intersections in four variables	Arch. Math. (Basel) 94(2), (2010), pag 129-137	0,843 (2018)
5		Keith Pardue: Generic sequences of polynomials	J. Algebra 324(4), (2010), pag 579-590	1,215 (2017)
6		T. Harima, T. Maeno, H. Morita, Y. Numata, A. Wachi, J. Watanabe: The Lefschetz properties	Lecture Notes in Mathematics 2080 (2013)	1,130 (2015)
7		Sarah Mayes: The limiting shape of the generic initial system of a complete intersection	Communications in Algebra 42, no. 5 (2014), pag. 2299-2310	0,639 (2017)

8		Sarah Mayes: The generic initial ideals of powers of a 2-complete intersection	J. Commut. Algebra 7 , no. 1 (2015), pag. 55-75	1,073 (2016)
9		Van Duc Trung: The initial ideal of generic sequences and Froberg's conjecture	J. Algebra 524 (2019), pag. 79-96	1,215 (2017)
10	Mircea Cimpoeas: Stanley depth of complete intersection monomial ideals, Bull. Math. Soc. Sci. Math. Roumanie 51(99)(3) (2008), pag. 205-211	Mitchel T. Keller, Stephen J. Young: Stanley depth of squarefree monomial ideals	J. Algebra 322(10) (2009), pag. 3789 - 3792	1,215 (2017)
11		Yi Huang: Stanley depth of complete intersection monomial ideals and upper-discrete partitions	J. Algebra 321(4) (2009), pag. 1285 - 1292;	1,215 (2017)
12		Adrian Popescu: Special Stanley Decompositions	Bull. Math. Soc. Sci. Math. Roumanie 53(4) (2010), pag. 363-372.	0,576 (2015)
13		Asia Rauf: Depth and Stanley depth of multigraded modules	Comm. Algebra 38(2) (2010), pag. 773-784	0,639 (2017)
14		Dorin Popescu, Muhammad Imran Qureshi: Computing the Stanley depth	J. Algebra 323(10) (2010), pag. 205 - 211	1,215 (2017)
15		Ryota Okazaki, Kohji Yanagawa: Alexander duality and Stanley depth of multigraded modules	Journal of Algebra 340(1) (2011), pag. 35-52	1,215 (2017)
16		Mitchel T. Keller, Yi-Huang Shen, Noah Streb, Stephen J. Young: On the Stanley depth of squarefree Veronese ideals	J. Algebraic Combin. 33(2) (2011), pag. 313 - 324	1,646 (2019)
17		Maorong Ge, Jiayuan Lin, Yulan Wang: Hilbert series and Hilbert	J. Algebra 344 (2011), pag. 260-267	1,215 (2017)

		depth of squarefree Veronese ideals		
18		Ryota Okazaki: A lower bound of Stanley depth of monomial ideals	J. Commut. Algebra 3(1) (2011), pag. 83 - 88	1,073 (2016)
19		Muhammad Ishaq: Upper bounds for the Stanley depth	Comm. Algebra 40 (2012), no. 1, pag 87-97	0,639 (2017)
20		Maorong Ge, Jiayuan Lin and Yi-Huang Shen: On a Conjecture of Stanley Depth of Squarefree Veronese Ideals	Communications in Algebra, Volume 40, Issue 8 (2012), pag. 2720- 2731	0,639 (2017)
21		Muhammad Ishaq, Muhammad Imran Qureshi: Upper and Lower Bounds for the Stanley Depth of Certain Classes of Monomial Ideals and Their Residue Class Rings	Communications in Algebra 41(3) (2013), pag. 1107-1116	0,639 (2017)
22		Adrian Popescu: Depth and Stanley depth of the canonical form of a factor of monomial ideals	Bull. Math. Soc. Sci. Math. Roumanie 57(2) (2014), pag. 207-216.	0,576 (2015)
23		Bogdan Ichim, Julio-Jose Moyano-Fernandez: How to compute the multigraded Hilbert depth of a module	Math. Nachr. 287 (2014), no. 11-12 (2014), pag. 1274- 1287	1,169 (2018)
24		B. Ichim, L. Katthan, J. J. Moyano-Fernandez: The behavior of Stanley depth under polarization.	J. Combin. Theory Ser. A 135 (2015), pag. 332-347	2,088 (2016)
25		A.Luis Dupont, Daniel G. Mendoza: On the Stanley depth of edge ideals of	Bull. Math. Soc. Sci. Math. Roumanie 59(1) (2016), pag. 39-49.	0,576 (2015)

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26		Bogdan Ichim, Lukas Katthan, J.J. Moyano-Fernandez: Stanley depth and the lcm-lattice	J. Combin. Theory Ser. A 150 (2017), pag. 295-322	2,088 (2016)
27		Yinghui Wang: A variant of the Stanley depth for multisets	Discrete Math. 342 (2019), no. 5, pag. 1325-1335	0,936 (2018)
28	Cimpoeas Mircea: Some remarks on the Stanley's depth of multigraded modules, Le Matematiche 63(2) (2008), pag. 165-171	Dorin Popescu, Muhammad Imran Qureshi: Computing the Stanley depth	J. Algebra 323 (10) (2010), pag. 2943 - 2959	1,215 (2017)
29		Winfried Bruns, Christian Krattenthaler, Jan Uliczka: Stanley decompositions and Hilbert depth in the Koszul complex	J. Commut. Algebra 2(3) (2010), pag. 327 - 357	1,073 (2016)
30		Gunnar Flystad, Jurgen Herzog: Grobner bases of syzygies and Stanley depth	J. Algebra 328 (2011), pag. 178 - 189	1,215 (2017)
31		Jurgen Herzog, Dorin Popescu, Marius Vladoiu: Stanley depth and size of a monomial ideal	Proc. Amer. Math. Soc. 140(2) (2012), pag. 493 - 504	1,322 (2019)
32		M. R. Pournaki, S. A. Seyed Fakhari and S. Yassemi: Stanley depth of powers of the edge ideal of a forest	Proc. Amer. Math. Soc. 141 (2013), pag. 3327-3336	1,322 (2019)
33		Jurgen Herzog: Monomial Ideals, Computations and Applications	Lecture Notes in Mathematics Volume 2083 (2013)	1,130 (2015)
34		Zhongming Tang: On Stanley depths of certain monomial factor algebras.	Canad. Math. Bull. 58 , no. 2 (2015), pag. 393-401	0,719 (2015)
35		Yi-Huang Shen: Bounds on the Stanley depth and Stanley regularity	J. Commut. Algebra 7 (2015), no. 3, pag. 423-445	1,073 (2016)

		of edge ideals of clutters		
36		Yi-Huang Shen: Stanley depth and Stanley support-regularity of monomial ideals	Collect. Math. 67 (2016), no. 4, pag. 227-246	1,532 (2015)
37	Mircea Cimpoeas: A stable property of Borel type ideals, Communications in Algebra 36(2) (2008), pag. 674-677	Dancheng Lu, Lizhong Chu: Partial regularities and $a$ -invariants of Borel type ideals	J. Algebra Appl. 14 (2015), no. 6, 7 pag.	0,693 (2015)
38		M. Werner Seiler: A combinatorial approach to involution and $\delta$ -regularity. II. Structure analysis of polynomial modules with Pommaret bases.	Applicable Algebra in Engineering, Communication and Computing. 20 (2009), no. 3-4, pag 261-338.	1,453 (2015)
39	Mircea Cimpoeas: Some remarks on Borel type ideals, Communications in Algebra 37(2) (2009), pag. 724-727	Dancheng Lu, Lizhong Chu: Partial regularities and $a$ -invariants of Borel type ideals	J. Algebra Appl. 14 (2015), no. 6, 7 pag.	0,693 (2015)
40		Jin Guo, Tongsuo Wu: Monomial ideals under ideal operations	Comm. Algebra 43 (2015), no.11, pag. 4745-4762	0,639 (2017)
41		M. Werner Seiler: A combinatorial approach to involution and $\delta$ -regularity. II. Structure analysis of polynomial modules with Pommaret bases.	Applicable Algebra in Engineering, Communication and Computing. 20 (2009), no. 3-4, pag 261-338.	1,453 (2015)
42	Cimpoeas Mircea: Stanley depth of monomial ideals with small number of generators, Central European Journal of Mathematics 7(4) (2009), pag. 629-634	Asia Rauf: Depth and Stanley depth of multigraded modules	Comm. Algebra 38(2) (2010), pag. 773-784	0,639 (2017)
43		AM Bigatti, P Gimenez, E Senz-de-Cabezn: Monomial Ideals, Computations and Applications	Lecture Notes in Mathematics Volume 2083 (2013)	1,130 (2015)

44		Somayeh Bandari, Kamran Divaani-Aazar, Ali Soleyman Jahan: Almost complete intersections and Stanley's conjecture	Kodai Math.J. 37 no. 2 (2014), pag. 396-404	0,607 (2018)
45		L. Katthan, S.A. Seyed Fakhari: Two lower bounds for the Stanley depth of monomial ideals	Math. Nachr. 288 no. 11-12, (2015), pag. 1360-1370	1,169 (2018)
46		S.A.Seyed Fakhari: Depth, Stanley depth, and regularity of ideals associated to graphs	Arch. Math. (Basel) 107 no.5 (2016), pag. 461-471	0,843 (2018)
47		Bogdan Ichim, Luka Katthan, J.J. Moyano-Fernandez: Stanley depth and the lcm-lattice	J. Combin. Theory Ser. A 150 (2017), pag. 295-322	2,088 (2016)
48		S. A. Seyed Fakhari: Depth and Stanley depth of symbolic powers of cover ideals of graphs	Journal of Algebra 492 (2017), pag. 402-413	1,215 (2017)
49	Mircea Cimpoeas: The Stanley conjecture on monomial almost complete intersection ideals, Bull. Math. Soc. Sci. Math. Roumanie 55(103)(1) (2012), pag. 35-39	Maorong Ge, Jiayuan Lin and Yi-Huang Shen: On a Conjecture of Stanley Depth of Squarefree Veronese Ideals	Communications in Algebra, Volume 40, Issue 8 (2012), pag. 2720- 2731	0,639 (2017)
50		Somayeh Bandari, Kamran Divaani-Aazar, Ali Soleyman Jahan: Almost complete intersections and Stanley's conjecture	Kodai Math. J. 37 no. 2 (2014), pag. 396-404	0,607 (2018)
51		Dorin Popescu, Andrei Zarojanu: Depth of some square free monomial ideals	Bull. Math. Soc. Sci. Math. Roumanie 56(1) (2013), pag. 117-124	0,576 (2015)
52		Dorin Popescu: Stanley depth of monomial ideals	Bull. Math. Soc. Sci. Math. Roumanie 58(1) (2015), pag. 95-101	0,576 (2015)



53		Dorin Popescu, Andrei Zarojanu: Three generated, squarefree, monomial ideals	Bull. Math. Soc. Sci. Math. Roumanie 58(3) (2015), pag. 359-369	0,576 (2015)
54		Dorin Popescu: Stanley depth on five generated, squarefree, monomial ideals	Bull. Math. Soc. Sci. Math. Roumanie 59(1) (2016), pag. 75-99	0,576 (2015)
55	Mircea Cimpoeas: Several inequalities regarding Stanley depth, Rom. J. Math. Comput. Sci. 2 , no. 1 (2012), pag. 28-40	Gaetana Restuccia, Zhongming Tang, Rosanna Utano: Stanley conjecture on monomial ideals of mixed products.	J. Commut. Algebra 7 , no. 1 (2015), pag. 77-88	1,073 (2016)
56		Yi-Huang Shen: Stanley depth of weakly 0-decomposable ideals	Arch. Math. (Basel) 104 , no. 1 (2015), pag 3-9	0,843 (2018)
57		Yi-Huang Shen: Bounds on the Stanley depth and Stanley regularity of edge ideals of clutters	J. Commut. Algebra 7 (2015), no. 3, pag. 423-445	1,073 (2016)
58		Shen, Yi-Huang, Stanley depth and Stanley support-regularity of monomial ideals	Collect. Math. 67 (2016), no. 4, pag. 227-246	1,532 (2015)
59		S.A.Seyed Fakhari: Depth, Stanley depth, and regularity of ideals associated to graphs	Arch. Math. (Basel) 107 no.5 (2016), pag. 461-471	0,843 (2018)
60		Lizhong Chu, V.H. Jorge Perez: The Stanley regularity of complete intersections and ideals of mixed products	J. Algebra Appl. 16, no. 7 (2017), pag.13,	0,693 (2015)
61		S. A. Seyed Fakhari: Stanley depth and symbolic powers of monomial ideals	Math. Scand. 120, no. 1 (2017), pag. 5-16	0,915 (2016)
62		Zahid Iqbal, Muhammad Ishaq, Muhammad Aamir: Depth and Stanley	Comm. Algebra 46, no. 3 (2018), pag. 1188-1198	0,639 (2017)

		depth of the edge ideals of square paths and square cycles		
63		Kyouko Kimura, Naoki Terai, Siamak Yassemi: The projective dimension of the edge ideal of a very well-covered graph	Nagoya Math. J. 230 (2018), pag. 160-179	1,709 (2019)
64	Mircea Cimpoeas: Stanley depth of squarefree Veronese ideals.	Gunnar Flystad, Jurgen Herzog: Grobner bases of syzygies and Stanley depth	J. Algebra 328 (2011), pag. 178 - 189	1,215 (2017)
65	An. Științ. Univ. "Ovidius" Constanța Ser. Mat. 21 (2013), no. 3, 67-71 (published online 2009)	Mitchel T. Keller, Yi-Huang Shen, Noah Streib, Stephen J. Young: On the Stanley depth of squarefree Veronese ideals	J. Algebraic Combin. 33(2) (2011), pag. 313 - 324	1,646 (2019)
66		Maorong Ge, Jiayuan Lin, Yulan Wang: Hilbert series and Hilbert depth of squarefree Veronese ideals	J. Algebra 344 (2011), pag. 260-267	1,215 (2017)
67		Maorong Ge, Jiayuan Lin and Yi-Huang Shen: On a Conjecture of Stanley Depth of Squarefree Veronese Ideals	Communications in Algebra, Volume 40, Issue 8 (2012), pag. 2720- 2731	0,639 (2017)
68		Yi-Huang Shen: When will the Stanley depth increase?	Proc. Amer. Math. Soc. 141 no. 7 (2013), pag. 2265-2274	1,322 (2019)
69	Mircea Cimpoeas: Stanley depth of quotient of monomial complete intersection ideals, Comm. in Algebra 40(8) (2014), pag. 2720-2731	A. Alipour; S. A. Seyed Fakhari; S. Yassemi: Stanley depth of factors of polymatroidal ideals and the edge ideal of forests	Arch. Math. (Basel) 105, (2015), no. 4, pag. 323-332	0,843 (2018)
70	Mircea Cimpoeas: On the Stanley depth of edge ideals of line and cyclic	Zahid Iqbal, Muhammad Ishaq, Muhammad Aamir: Depth and Stanley	Comm. Algebra 46, no. 3 (2018), pag. 1188-1198	0,639 (2017)

	graphs, Rom. J. Math. Comput. Sci. 5, no. 1 (2015), pag. 70-75	depth of the edge ideals of square paths and square cycles		
<b>TOTAL: 72,479</b>				

**Data:** 29.7.2019

**Semnătura:** *Cy*