

Raport de Activitate - 2022 - anexă citări

1 Citări apărute în 2021 și neconținute în Raportul pe 2021

1. T. Padellini, P. Brutti, Supervised learning with indefinite topological Kernels, **Statistica** **55** (2021) pag. 765–786.
Citează: A. Gheondea: *Reproducing kernel Krein spaces*, in **Operator Theory**, pp. 311–343, Springer Verlag, Berlin 2015.
2. D. Alpay, P. Cerejeiras, U. Kahler, Krein Reproducing Kernel Modules in Clifford Analysis, **J. Anal. Math.** **143** (2021), pag. 253–288.
Citează: T. Constantinescu and A. Gheondea: *Representation of Hermitian kernels by means of Krein spaces*, **Publ. Res. Inst. Math. Sci.** **33** (1997), 917–951.
3. Habiro, Kazuo; Massuyeau, Gwenael, The Kontsevich integral for bottom tangles in handlebodies, **Quantum Topol.** **12** (2021), no. 4, pag. 593 – 703
Citează: Cheptea, Dorin; Le, Tu Quoc Thang, *A TQFT associated to the LMO invariant of three-dimensional manifolds*, **Comm. Math. Phys.** **272** (2007), no. 3, pag. 601 – 634
4. Habiro, Kazuo; Massuyeau, Gwenael, The Kontsevich integral for bottom tangles in handlebodies, **Quantum Topol.** **12** (2021), no. 4, pag. 593 – 703
Citează: Cheptea, Dorin; Habiro, Kazuo; Massuyeau, Gwenael, *A functorial LMO invariant for Lagrangian cobordisms*, **Geom. Topol.** **12** (2008), no. 2, pag. 1091 – 1170
5. Vera, Anderson, Johnson-Levine homomorphisms and the tree reduction of the LMO functor, **Math. Proc. Cambridge Philos. Soc.** **170** (2021), no. 2, pag. 291 – 325
Citează: Cheptea, Dorin; Habiro, Kazuo; Massuyeau, Gwenael, *A functorial LMO invariant for Lagrangian cobordisms*, **Geom. Topol.** **12** (2008), no. 2, pag. 1091 – 1170
6. Y. Li, J.J. Niu, X.M. Xu: The Minus Order for Projections, **Filomat** **35** (2021), pag. 2761–2774
Citează: A. Gheondea, P. Jonas, S. Gudder: *On the infimum of quantum effects*, **J. Math. Phys.** **46** (2005), 062102, 11 pp.
7. S.-I. Katayama, N. Furuya, Y. Nishioka, On polygonal square triangular numbers, **J. Math. Tokushima Univ.** **54** (2020), pag. 1–12
Citează: M. C. Bennett, M. Cipu, M. Mignotte, R. Okazaki *On the number of solutions of simultaneous Pell equations II*, **Acta Arith.** **122** (2006), pag. 407–417

8. B. Benson, P. Ralli, P. Tetali, Volume growth, curvature, and Buser-type inequalities in graphs, **Int. Math. Research Notices** **2021** (2021), pag. 17091 – 17139
Citează: A.I. Bonciocat, K.T. Sturm *Mass transportation and rough curvature bounds for discrete spaces*, **J. Funct. Anal.** **256** (2009), pag. 2944 – 2966
9. J.J. Wee, K. Xia, Ollivier persistent Ricci curvature-based machine learning for the protein–ligand binding affinity prediction, **J. Chem. Inf. Model.** **61** (2021), pag. 1617 – 1626
Citează: A.I. Bonciocat, K.T. Sturm *Mass transportation and rough curvature bounds for discrete spaces*, **J. Funct. Anal.** **256** (2009), pag. 2944 – 2966
10. J. Qi, Z. Xu, The Maximal Difference of Different Powers of an Element Modulo n , **J. Math.**, **2021** (2021), pag. 1 – 5
Citează: M. Văjăitu, A. Zaharescu, *Distribution of values of rational maps on the F_p -points on an affine curve*, **Monatsh. Math.**, **136** (2002), pag. 81 – 86
11. GC. Drummond-Cole, G. Horel, Homotopy transfer and formality, **Annales de l’Institut Fourier** **71**, (2021) pag. 2079-2116
Citează: A. Măcinic, *Cohomology rings and formality properties of nilpotent groups*, **J. Pure Appl. Algebra** **214** (2010), pag. 1818 – 1826
12. S.-I. Katayama, On polygonal square triangular numbers II, **J. Math. Tokushima Univ.** **55** (2021), pag. 1–10
Citează: M. C. Bennett, M. Cipu, M. Mignotte, R. Okazaki *On the number of solutions of simultaneous Pell equations II*, **Acta Arith.** **122** (2006), pag. 407–417
13. X. G. Guan, On the common solutions of Pell equations $x^2 - (c^2 - 1)y^2 = y^2 - 2p_1p_2p_3 = 1$, **Acta Math. Sinica, Chinese Series** **63** (2020), pag. 157–170
Citează: M. Cipu *Pairs of Pell equations having at most one common solutions in positive integers*, **An. Șt. Univ. Ovidius Constanța** **15** (2007), pag. 1–12
14. N. Pia, G. Placini, Engel structures on complex surfaces, **Ann. Mat. Pura Appl.** **200** (2021), pag. 983 – 997
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
15. A. Moroianu, M. Pilca, Metric connections with parallel twistor-free torsion, **Int. J. Math.** **32** (2021), art. nr. 2140011
Citează: F. Belgun, A. Moroianu *Nearly Kähler 6-manifolds with reduced holonomy*, **An. Glob. Anal. Geom.** **19** (2001), pag. 307 – 319
16. V. del Barco, A. Moroianu, Killing Forms on 2-Step Nilmanifolds, **J. Geom. Anal.** **31** (2021), pag. 863 – 887
Citează: F. Belgun, A. Moroianu, U. Semmelmann *Killing forms on symmetric spaces*, **Diff. Geom. Appl.** **24** (2006), pag. 215 – 222.
17. V. del Barco, A. Moroianu, Conformal Killing forms on 2-step nilpotent Riemannian Lie groups, **Forum Math.** **33** (2021), pag. 1331 – 1347
Citează: F. Belgun, A. Moroianu, U. Semmelmann *Killing forms on symmetric spaces*, **Diff. Geom. Appl.** **24** (2006), pag. 215 – 222.

18. C. Vincze, On generalized Berwald manifolds: extremal compatible linear connections, special metrics and low dimensional spaces, **AUT J. Math. Com.**, **2** (2021), pag. 213 – 237
Citează: F. Belgun, A. Moroianu, U. Semmelmann, *Symmetries of contact metric manifolds*, **Geom. Dedicata** **101** (2003), pag. 203 – 216.
19. X.-W. Jiang, A note on the simultaneous Pell equations $x^2 - (a^2 - 1)y^2 = 1$ and $y^2 - bz^2 = 1$, **Period. Math. Hungar.** **81** (2020), pag. 234–238
Citează: M. Cipu *Pairs of Pell equations having at most one common solutions in positive integers*, **An. Șt. Univ. Ovidius Constanța** **15** (2007), pag. 1–12
20. F. Paradiso, Locally conformally balanced metrics on almost abelian Lie algebras, **Complex Manifolds** **8** (2021), pag. 196–207
Citează: A. Otiman, *Special Hermitian metrics on Oeljeklaus–Toma manifolds*, **Bull. London Math. Soc.**, **54** (2022), pag. 655–667
21. K. Shimizu, Hopf algebraic methods in finite tensor categories: characters and integrals, **Contemp. Math.** **771** Amer. Math. Soc., [Providence], RI, (2021), pag. 267- -308
Citează: S. Burciu *Conjugacy classes and centralizers for pivotal fusion categories*, **Monatsh. Math.** **193** (2020), pag. 13 – 46
22. K. Shimizu, Hopf algebraic methods in finite tensor categories: characters and integrals, **Contemp. Math.** **771** Amer. Math. Soc., [Providence], RI, (2021), pag. 267- -308
Citează: S. Burciu *Structure constants for pre-modular categories*, **Bull. Lond. Math. Soc.** **53** (2021), pag. 777–791
23. L. Ornea, M. Verbitsky, Classification of non-Kähler surfaces and locally conformally Kahler geometry, **Russian Math. Surveys (Uspekhi Mat. Nauk)** **76** (2021), pag. 261–289
Citează: N. Istrati, A. Otiman, M. Pontecorvo, *On a class of Kato manifolds*, **Int. Math. Res. Not. IMRN**, **7** (2021), pag. 5366–5412
24. L.H. Gallardo, On the prime factors of $\Phi_P(M)$, **Integers** **21** (2021), pag. 1–12
Citează: A.I. Bonciocat, N. C. Bonciocat, M. Cipu *Irreducibility criteria for compositions and multiplicative convolutions of polynomials with integer coefficients*, **An. Șt. Univ. Ovidius Constanța, Ser. Math.** **22** (1) (2014), pag. 73–84
25. A. Filipin, Z. Franušić **Diofantovi skupovi**, Univ. Zagreb, 2021
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte *There is no Diophantine $D(-1)$ -quadruple*, **J. London Math. Soc.** **105** (2022), pag. 63–99
26. A. Dujella, *Number Theory*, Školska knjiga, d. d., Zagreb, 2021
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte *There is no Diophantine $D(-1)$ -quadruple*, **J. London Math. Soc.** **105** (2022), pag. 63–99
27. A. Dujella, M. Kazalicki, V. Petričević, $D(n)$ -quintuples with square elements, **Rev. R. Acad. Cienc. Exactas, Fís. Nat.. Serie A. Matemáticas** **115** (2021), Article number: 172 (10pp)
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte *There is no Diophantine $D(-1)$ -quadruple*, **J. London Math. Soc.** **105** (2022), pag. 63–99

28. Z. Shizhong, F. Hongguang, Q. XiaoLin, L. Jing, L. YunHao, A criterion for the reducibility of a class of integer polynomials over the field of rational numbers, **J. Syst. Sci. Math. Sci.** **41** (2021), 3351–3362
Citează: N. C. Bonciocat, *Schönemann-Eisenstein-Dumas-type irreducibility conditions that use arbitrarily many prime numbers*, **Comm. Algebra** **43** (8) (2015), pag. 3102–3122
29. Zhao Shizhong, Fu Hongguang, Qin XiaoLin, Liu Jing, Liu YunHao, A criterion for the reducibility of a class of integer polynomials over the field of rational numbers, **J. Syst. Sci. Math. Sci.** **41** (2021), 3351–3362
Citează: N. C. Bonciocat, *On an irreducibility criterion of Perron for multivariate polynomials*, **Bull. Math. Soc. Sci. Math. Roumanie** **53** (101) **3** (2010), pag. 213–217
30. A. Dubickas, Units in number fields satisfying a multiplicative relation with application to Oeljeklaus–Toma manifolds, **Results Math.** **76** (2021)
Citează: A. Otiman, *Special Hermitian metrics on Oeljeklaus–Toma manifolds*, **Bull. London Math. Soc.**, **54** (2022), pag. 655–667
31. A. Dubickas, Units in number fields satisfying a multiplicative relation with application to Oeljeklaus–Toma manifolds, **Results Math.** **76** (2021)
Citează: N. Istrati, A. Otiman, *De Rham and twisted cohomology of Oeljeklaus–Toma manifolds*, **Ann. Inst. Fourier**, **69** (2019), 2037–2066.
32. R. Fu, H. Yang, On the solvability of the simultaneous Pell equations $x^2 - ay^2 = 1$ and $y^2 - bz^2 = v_1^2$, **Intern. J. Number Theory** **17** (2021), pag. 1997–2008
Citează: M. Cipu *Pairs of Pell equations having at most one common solutions in positive integers*, **An. Șt. Univ. Ovidius Constanța** **15** (2007), pag. 1–12
33. S. Rihane, E. Tchammou, A. Togbé, On the system of Pell equations $x^2 - (a^2b^2 \pm a)y^2 = 1$ and $y^2 - pz^2 = 4b^2$, **Indian J. Pure Appl. Math.** **52** (2021), pag. 224–230
Citează: M. Cipu *Pairs of Pell equations having at most one common solutions in positive integers*, **An. Șt. Univ. Ovidius Constanța** **15** (2007), pag. 1–12
34. C.-S. Luo, J. Luo, Complete solutions of the simultaneous Pell equations $(a^2 + 1)y^2 - x^2 = y^2 - bz^2 = 1$, **AIMS Mathematics** **6** (2021), pag. 9919–9938
Citează: M. Cipu *Pairs of Pell equations having at most one common solutions in positive integers*, **An. Șt. Univ. Ovidius Constanța** **15** (2007), pag. 1–12
35. D. Han, Z. Xu, Y. Yi, T. Zhang, A note on high-dimensional D. H. Lehmer problem, **Taiwanese J. Math.** **25** (2021), no. 6, pag. 1137 – 1157
Citează: E. Alkan, F. Stan, A. Zaharescu, *Lehmer k -tuples*, **Proc. Amer. Math. Soc.** **134** (2006), no. 10, pag. 2807 – 2815
36. N. Dutertre, V. Grandjean, Gauss-Kronecker Curvature and equisingularity at infinity of definable families, **Asian J. Math.** **25** (2021), pag. 815 – 840
Citează: C. Joița, M. Tibăr, *Bifurcation values of families of real curves*, **Proc. Roy. Soc. Edinburgh Sect. A** **147** (2017), pag. 1233 – 1242.
37. F. Braun, L. R. Gonçalves Dias, J. Venato-Santos: On global invertibility of semi-algebraic local diffeomorphisms, **Topol. Meth. Nonlinear Anal.** **58** (2021), pag. 713–730

- Citează:* C. Joița, M. Tibăr, *Bifurcation values of families of real curves*, **Proc. Roy. Soc. Edinburgh Sect. A** **147** (2017), pag. 1233 – 1242.
38. F. Braun, L. R. Gonçalves Dias, J. Venato-Santos: On global invertibility of semi-algebraic local diffeomorphisms, **Topol. Meth. Nonlinear Anal.** **58** (2021), pag. 713–730
Citează: C. Joița, M. Tibăr, *Bifurcation set of multi-parameter families of complex curves*, **J. Topology** **11** (2018), pag. 739–751.
39. M. Oka, On the Milnor fibration for $f(z)\bar{g}(z)$ II, **J. Math. Soc. Japan** **73** (2021), pag. 649–669
Citează: C. Joița, M. Tibăr, *The local image problem for complex analytic map germs*, preprint arXiv:1810.05158,
40. J. McKee, C. Smyth, Around the unit circle - Mahler measure, integer matrices and roots of unity, **Universitext Springer, Cham** (2021)
Citează: F. Stan, A. Zaharescu, *Siegel's trace problem and character values of finite groups*, **J. Reine Angew. Math.** **637** (2009), pag. 217 – 234
41. E. Rohan, R. Cimrman, Modelling wave dispersion in fluid saturating periodic scaffolds, **Applied Mathematics and Computation** **410** (2021), pag. 1–43
Citează: D. Poliševki, *Homogenization of Navier-Stokes model: The dependence upon parameters*, **Journal of Applied Mathematics and Physics (ZAMP)** **40(3)** (1989), pag. 387–394
42. C.-S. Luo, J. Luo, Complete solutions of the simultaneous Pell equations $(a^2 + 1)y^2 - x^2 = y^2 - bz^2 = 1$, **AIMS Mathematics** **6** (2021), pag. 9919–9938
Citează: M. Cipu, M. Mignotte *On the number of solutions to systems of Pell equations*, **J. Number Theory** **125** (2007), pag. 356–392
43. I. Vukusic, V. Ziegler, On sums of Fibonacci numbers with few binary digits, **Pub. Math. Debrecen** **98** (2021), pag. 157–181
Citează: M. Cipu, Y. Bugeaud, M. Mignotte *On the representation of Fibonacci and Lucas numbers in an integer base*, **Ann. Sci. Math. Québec** **37** (2013), pag. 31–43
44. S. Gupta, $D(-1)$ tuples in imaginary quadratic fields, **Acta Math. Hungar.** **164** (2021), pag. 556–569
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte *On $D(-1)$ -quadruples*, **Publ. Mat.** **56** (2012), pag. 279–304
45. Y. Alibaud, S. Prugsapitak, W. Aukkhosuwana, On the Diophantine equations $x^2 - xy - y^2 \pm lx = 0$ and $x^2 - 3xy + y^2 \pm lx = 0$, **Scienceasia** **46** (2020), pag. 490–493
Citează: M. Cipu *Quadratic Diophantine equations with infinitely many solutions in positive integers*, **Integers** **15** (2015), #47, pag. 1–7
46. A. Dujella, **Number Theory**, Školska knjiga, d. d., Zagreb, 2021
Citează: M. Cipu, T. S. Trudgian *Searching for Diophantine quintuples*, **Acta Arith.** **173** (2016), pag. 365–382
47. A. Filipin, Z. Franušić **Diophantovi skupovi**, Univ. Zagreb, 2021
Citează: M. Cipu, T. S. Trudgian *Searching for Diophantine quintuples*, **Acta Arith.** **173** (2016), pag. 365–382

48. A. Filipin, Z. Franušić **Diofantovi skupovi**, Univ. Zagreb, 2021
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte *There is no Diophantine $D(-1)$ -quadruple*, **J. London Math. Soc.** **105** (2022), pag. 63–99
49. R. Sarkar, Binomial edge ideals of unicyclic graphs, **Int. J. Algebra Computation** **31** (2021), pag. 1293 – 1318
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
50. R.G. Martinez, Gorenstein binomial edge ideals, **Math. Nachr.** **294** (2021), pag. 1889 – 1898
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
51. S. Gupta, $D(-1)$ tuples in imaginary quadratic fields, **Acta Math. Hungar.** **164** (2021), 556–569
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte *There is no Diophantine $D(-1)$ -quadruple*, **J. London Math. Soc.** **105** (2022), pag. 63–99
52. C. Saranya, G. Janaki, Non-extendability of Diophantine triples comprising centered square numbers, **Recent Advances in Mathematical Research and Computer Science Vol. 2**, (Xingting Wang, ed.) (2021), B. P. International, pag. 81–98
Citează: M. Cipu, Y. Fujita, T. Miyazaki *On the number of extensions of a Diophantine triple*, **Internat. J. Number Theory** **14** (2018), no. 3, pag. 899–917
53. J. Cogolludo, A. Libgober, Free quotients of fundamental groups of smooth quasi-projective varieties, **Proc. Edinb. Math. Soc.** (2) **64** (2021), 924–946.
Citează: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
54. G. Drummond-Cole, G. Horel, Homotopy transfer and formality, **Ann. Inst. Fourier (Grenoble)** **71** (2021), 2079–2116.
Citează: D. Matei, *Massey products of complex hypersurface complements*, **Adv. Stud. Pure Math.** **43**, pag. 205–219, Math. Soc. Japan, Tokyo, 2006.
55. Y. Fujita, The number of irregular Diophantine quadruples for a fixed Diophantine pair or triple, **Lie Groups, Number Theory, and Vertex Algebras. Conference on Representation Theory XVI, June 24–29, 2019, Inter-University Center Dubrovnik, Croatia**, (D. Adamović, A. Dujella, A. Milas, P. Pandžić, eds.), **Contemp. Math. vol. 788**, Amer. Math. Soc., Providence, RI, (2021), pag. 105–117
Citează: M. Cipu, A. Filipin, Y. Fujita *Diophantine pairs that induce certain Diophantine triples*, **J. Number Theory** **200** (2020), pag. 433–475
56. A. Winterhof, Z. Xiao, Binary Sequences Derived From Differences of Consecutive Primitive Roots, **IEEE Transactions on Information Theory** **67** (2021), pag. 5334–5338.
Citează: C. Cobeli, A. Zaharescu *On the distribution of primitive roots mod p* , **Acta Arith.** **83** (1998), pag. 143–153.

57. Jinyun Qi, Zhefeng Xu, The maximal difference of different powers of an element modulo n , **J. Math.** **2021** (2021), pag. 1–5.
Citează: C. Cobeli, A. Zaharescu, *On the distribution of the \mathbb{F}_p -points on an affine curve in r dimensions*, **Acta Arith.** **99** (1998), pag. 321–3.
58. H. Liu, A. Winterhof, Balance and pattern distribution of sequences derived from pseudorandom subsets of \mathbb{Z}_q , **Unif. Distrib. Theory** **16** (2021), pag. 89–108.
Citează: C. Cobeli, A. Zaharescu, *On the distribution of primitive roots mod p* , **Acta Arith.** **83** (1998), pag. 143–153.
59. A. Dujella, **Number Theory**, Školska knjiga, d. d., Zagreb, 2021
Citează: M. C. Bennett, M. Cipu, M. Mignotte, R. Okazaki *On the number of solutions of simultaneous Pell equations II*, **Acta Arith.** **122** (2006), pag. 407–417
60. M. Yampolsky, KAM-renormalization and Herman Rings for 2D Maps, **C. R. Math. Rep. Acad. Sci. Canada** (2021), Vol. 43 (2), pag. 78–86
Citează: D. Gaidashev, R. Radu, M. Yampolsky, *Renormalization and Siegel disks for complex Hénon maps*, **J. Eur. Math. Soc.** **23** (2021), pag. 1053–1073
61. M. B. Mirkarim, A. Basiri, S. Rahmany, Solving Stiff systems by using symbolic-numerical method, **Comput. Meth. Diff. Eq.** **8** (2020), pag. 282–293
Citează: M. Cipu *Gröbner Bases and Solutions to Diophantine Equation*, **Proc. Synasc '08, Main Track papers, IeAT Tech. Report 08-11** (2008), pag. 77–80
62. M. B. Mirkarim, A. Basiri, S. Rahmany, Infinitesimal generators of Lie symmetry group of parametric ordinary differential equations, **Int. J. Nonlinear Anal. Appl.** **12** (2021), pag. 877–891
Citează: M. Cipu *Gröbner Bases and Solutions to Diophantine Equation*, **Proc. Synasc '08, Main Track papers, IeAT Tech. Report 08-11** (2008), pag. 77–80
63. M. Bliznac Trebješanin, Extension of a Diophantine triple with the property $D(4)$, **Acta Math. Hungar.** **163** (2021), pag. 213–246
Citează: M. Cipu *A new approach to the study of $D(-1)$ -quadruples*, **RIMS Kôkyûroku** **2092** (2018), pag. 122–129
64. S. L. Xie, H. R. Xu, An Efficient Class of Modulus-Based Matrix Splitting Methods for Nonlinear Complementarity Problems, **Math. Problems Eng.**, (2021), article 9030547
Citează: L. Badea, X.-C. Tai, J. Wang, *Convergence rate analysis of a multiplicative Schwarz method for variational inequalities*, **SIAM J. Numer. Anal.** **41** (2003), pag. 1052 – 1073
65. M. Nafa, S. Taylor, New finite element approximation for mantle/melt transport **J. Appl. Math. Computing**, **65** (2021), pag. 273 – 293
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115** (2010), pag. 195 – 227
66. N. F. Zohra, A Review on Multiphase Flows and Applications, **Synth'ese: Revue des Sciences et de la Technologie**, **27**, (2021), pag. 1 – 14
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115** (2010), pag. 195 – 227

67. C.-O. Lee and J. Park, A dual-primal finite element tearing and interconnecting method for nonlinear variational inequalities utilizing linear local problems,, **J. Numer. Meth. Eng.**, **122** (2021), pag. 6455 – 6475
Citează: L. Badea, R. Krause *One- and two-level Schwarz methods for inequalities of the second kind and their application to frictional contact*, **Numer. Math.**, **120** (2012), pag. 573– 599
68. G. Rovi, R. Krause, Patch-Smoother and Multigrid for the Dual Formulation for Linear Elasticity, **Int. J. Numer. Meth. Eng.**, **122** (2021), pag. 7609 – 7631
Citează: L. Badea, R. Krause *One- and two-level Schwarz methods for inequalities of the second kind and their application to frictional contact*, **Numer. Math.**, **120** (2012), pag. 573– 599
69. R. Fröberg, Stanley-Reisner Rings, in **Commutative Algebra**, Ed. I. Peeva, (2021), pag. 317–341, Springer
Citează: J. Herzog, D. Popescu Finite filtrations of modules and shellable multicomplexes, **Manuscripta Math.** **121**, (2006), pag. 385-410.
70. J. Herzog, R. Jafari, D. Stamate, Ulrich elements in normal simplicial affine semigroups, **Pacific J. Math.** **309** (2021), pag. 353 – 380
Citează: R. Dinu, *Gorenstein t -spread Veronese algebras*, **Osaka J. Math.** **57** (2020), pag. 935 – 947
71. G. Caviglia, A. De Stefani, E. Sbarra, The Eisenbud-Green-Harris Conjecture, **Commutative Algebra** Ed. I. Peeva, (2021), pag. 159–187 - Springer
Citează: J. Herzog, D. Popescu, Hilbert functions and generic forms, **Compos. Math.** **113** (1998), pag. 1-22.
72. S. Güntürkün, A Survey on the Eisenbud-Green-Harris Conjecture in **Women in Commutative Algebra**, Eds C. Miller, J. Striuli, E. Witt, (2021), pag. 327-342- Springer
Citează: J. Herzog, D. Popescu, Hilbert functions and generic forms, **Compos. Math.** **113** (1998), pag. 1-22.
73. R.-O. Buchweitz, Maximal Cohen–Macaulay Modules and Tate Cohomology, **AMS**, (2021), Book.
Citează: D. Popescu, M. Roczen, Indecomposable Cohen-Macaulay modules and irreducible maps, **Compos. Math.** **76**, (1990), pag. 277-294.
74. R. Gupta, A. Krishna, Relative K-theory via 0-cycles in finite characteristic **Annals of K-Theory** **6**, (2021), pag. 673-712
Citează: D. Popescu *General Néron desingularization and approximation*, **Nagoya Math. J.** **104**, (1986), pag. 85-115.
75. A. Sipoş, A quantitative multiparameter mean ergodic theorem, **Pacific J. Math.** **314** (2021), pag. 209–218.
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Commun. Contemp. Math.** **23** (2021), 19550093 [63 pag.].

76. T. Powell, F. Wiesnet, Rates of convergence for asymptotically weakly contractive mappings in normed spaces, **Numer. Funct. Anal. Optim.** **42** (2021), pag. 1802–1838.
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Commun. Contemp. Math.** **23** (2021), 19550093 [63 pag.].
77. T. Powell, F. Wiesnet, Rates of convergence for asymptotically weakly contractive mappings in normed spaces, **Numer. Funct. Anal. Optim.** **42** (2021), pag. 1802–1838.
Citează: A. Sipoş, *A note on the Mann iteration for k -strict pseudocontractions in Banach spaces*, **Numer. Funct. Anal. Optim.** **38** (2017), pag. 80–90.
78. U. Kohlenbach, Quantitative results on the Proximal Point Algorithm in uniformly convex Banach spaces, **J. Convex Anal.** **28** (2021), pag. 11–18.
Citează: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Optim.** **72** (2018), pag. 553–577.
79. Li, Yong Ning; Ding, Xuan Hao, The product of Hankel operators and the finite rank operators, **Acta Math. Sinica (Chinese Ser.)** **64** (2021), no. 3, 493–500
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
80. Bercovici, H.; Timotin, D., Operators invariant relative to a completely nonunitary contraction, **Math. Z.** **299** (2021), no. 3–4, 1631–1649
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
81. Bercovici, H.; Timotin, D., Operators invariant relative to a completely nonunitary contraction, **Math. Z.** **299** (2021), no. 3–4, 1631–1649
Citează: Chevrot, Nicolas; Fricain, Emmanuel; Timotin, Dan, *The characteristic function of a complex symmetric contraction*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2877–2886.
82. J. McCullough: *Subadditivity of syzygies of ideals and related problems*, **Commutative Algebra**, (2021) pag. 501–522.
Citează: A. Constantinescu, T. Kahle, M. Varbaro: *Linear Syzygies, Flag Complexes, and Regularity*, **Collect. Math.** **67**, (2016), pp. 357–362
83. S. Fakhari, S. Amin, Shibata K., Terai N., and S. Yassemi: *Cohen-Macaulay edge-weighted edge ideals of very well-covered graphs*. **Commun. Algebra** **49**(2021) pag. 4249–4257
Citează: A. Constantinescu, M. Varbaro: *On the h -vectors of Cohen-Macaulay Flag Complexes*, **Math. Scand.** **112** (2013) pag. 87–111
84. K.F.E. Chong, E. Nevo: *Flag complexes and homology*. **J. Combinatorial Th., Series A** **182** (2021) pag. 105466
Citează: A. Constantinescu, M. Varbaro: *On the h -vectors of Cohen-Macaulay Flag Complexes*, **Math. Scand.** **112**(2013) pag. 87–111
85. T.N. Trung: *Maximal independent sets and regularity of graphs*, **Int. J. Algebra Comput.** **31**, no. 05 (2021), pag. 807–818

- Citează:* A. Constantinescu, M. Varbaro: *Koszulness, Krull Dimension and Other Properties of Graph Algebras* **J. Alg. Combinatorics** **34** (2011), pag. 375–400
86. S. Güntürkün: *A Survey on the Eisenbud-Green-Harris Conjecture*, **Women in Commutative Algebra** (2021): pag. 327–342.
Citează: G. Caviglia, A. Constantinescu, M. Varbaro: *Note on a Conjecture by Kalai*, **Israel J. Math.** 0021-2172, (2014), pag. 1–7
87. Há, H.T. and Trung, N.V.: *Depth functions and symbolic depth functions of homogeneous ideals*, **Commutative Algebra** Springer, Cham. (2021), pag. 429–443
Citează: A. Constantinescu, M.R.Pournaki, M.R.Seyed Fakhari, N.Terai, S.Yassemi: *Cohen-Macaulayness and Limit Behaviour of Depth for Powers of Cover Ideals* **Commun. Algebra** **43** (2015), pag. 143–157
88. P. Cranford, A. Dochtermann, E. Haithcock, J. Marsh J, S. Oh, A. Truman A: *Biconed Graphs, Weighted Forests, and h -Vectors of Matroid Complexes*, **The Electronic Journal of Combinatorics** Nov 19 (2021), pag. 4–31
Citează: A. Constantinescu, T. Kahle, M. Varbaro: *Generic and Special Constructions of Pure O -sequences*, **Bull. London Math. Soc.**, **46**, (2014), pag. 924–942
89. P. Li, On some applications of Gauduchon metrics, **Geom. Dedicata** **213** (2021), pag. 473 – 486
Citează: I. Chiose, R. Răşdeaconu, I. Şuvaina: *Balanced metrics on uniruled manifolds*, **Commun. Anal. Geom.** **27** (2019), pag. 100 – 101
90. C. Neofytides, W. Zhang, Geometric structures, the Gromov order, Kodaira dimensions and simplicial volume, **Pacific J. Math.** **315** (2021), pag. 209–233
Citează: R. Răşdeaconu: *The Kodaira dimension of diffeomorphic Kähler threefolds*, **Proc. Amer. Math. Soc.** **134** (2006), pag. 3543–3553.
91. M. de Borbon, C. Spotti, Geometric structures, the Gromov order, Kodaira dimensions and simplicial volume, **Int. Math. Res. Not. IMRN** **2021**, no. **2** (2021), pag. 1198–1223
Citează: H-J, Hein, R. Răşdeaconu, I. Şuvaina: *On the classification of ALE Kähler manifolds*, **Int. Math. Res. Not. IMRN** **2021**, **14** (2021), pag. 10957–10980.
92. R. Homs, A.L. Winz, A. L.: *Canonical Hilbert-Burch matrices for power series*, **J. Algebra**, **583**, (2021), pag. 1–24
Citează: A. Constantinescu: *Parametrizations of Ideals of $k[x, y]$ and $k[x, y, z]$* **J. Algebra** **346**, (2011), pag. 1–30
93. M. Varbaro: *Gröbner deformations*, **Boll. U. M. I.** **14** (2021), pag. 151–157
Citează: A. Constantinescu, E. De Negri, M. Varbaro: *Singularities and Radical Initial Ideals*, **Bull. London Math. Soc.**, vol. **52**, (2020), pag. 674–686
94. Gu, Caixing, Unitary equivalence of complex symmetric contractions with finite defect, **Proc. Amer. Math. Soc.** **149** (2021), no. **8**, 3353–3365
Citează: Chevrot, Nicolas; Fricain, Emmanuel; Timotin, Dan, *The characteristic function of a complex symmetric contraction*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2877–2886.

95. Ko, Eungil; Lee, Ji Eun; Nakazi, Takahiko, Hyponormality of the dilation of truncated Toeplitz operators, **Complex Var. Elliptic Equ.** **66** (2021), no. 10, 1664–1675.
Citează: Chalendar, Isabelle; Timotin, Dan, *Commutation relations for truncated Toeplitz operators*, **Oper. Matrices** **8** (2014), pag. 877–888.
96. Bhattacharjee, Monojit; Haria, Kalpesh J.; Sarkar, Jaydeb, Commuting row contractions with polynomial characteristic functions, **Acta Sci. Math. (Szeged)** **87** (2021), no. 3-4, 429–461
Citează: Benhida, Chafiq; Timotin, Dan, *Characteristic functions for multicontractions and automorphisms of the unit ball*, **Integral Equations Operator Theory** **57** (2007), no. 2, 153–166.
97. Yang, Xiaoyuan; Li, Ran; Lu, Yufeng, The kernel spaces and Fredholmness of truncated Toeplitz operators, **Turkish J. Math.** **45** (2021), no. 5, 2180–2198.
Citează: Chalendar, Isabelle; Fricain, Emmanuel; Timotin, Dan, *A survey of some recent results on truncated Toeplitz operators*, **Contemp. Math.**, **679** (2016), pag. 59–77.
98. Z. Abel, E.D.Demaine, M.L.Demaine, J.S. Ku, J. Lynch, J. Itoh, C. Nara, Continuous flattening of all polyhedral manifolds using countably infinite creases, **Comp. Geom.** **98** (2021), 101773
Citează: J. Itoh, C. Nara, C. Vilcu, *Continuous flattening of convex polyhedra*, In Revised Papers from the 14th Spanish Meeting on Computational Geometry, pag. 85 – 97, Alcalá de Henares, Spain, 2011. Springer
99. Bo Bao and Shuangliang Zhao, A review of experimental nanofluidic studies on shale fluid phase and transport behaviors, **J. Nat. Gas Sci. Eng.** **86** (2021), 103745
Citează: P. Daripa and G. Paşa, *Stabilizing effect of diffusion in enhanced oil recovery and three-layer Hele-Shaw flows with viscosity gradient*, **Transport in Porous Media** **70** (2007), pag. 11–23
100. A. Gutierrez, M. De Oliveira, L. Dai, Mobilisation and stabilisation flow of multiple oil slugs in a capillary model, **Int. J. Oil G. Coal Techn.** **28** (2021), pag. 442-458
Citează: P. Daripa and G. Pasa, *The effect of surfactant on the motion of long bubbles in horizontal capillary tubes*, **J. Stat. Mech.: Th. Exp.** (2010)
101. K. Danov, G. Lyutskanova-Zhekova, S. Smoukov, Motion of long bubbles in gravity- and pressure-driven flow through cylindrical capillaries up to moderate capillary numbers, **Physics of Fluids** **33** (2021) pag. 113606
Citează: P. Daripa and G. Pasa, *The effect of surfactant on long bubbles rising in vertical capillary tubes*, **J. Stat. Mech.: Th. Exp.** (2011)
102. D. Banerjee; A. Saha, Differential modular forms over totally real fields of integral weights, **Res. Number Th.** **7** (2021) 19 pp.
Citează: M. Barcau *Isogeny covariant differential modular forms and the space of elliptic curves up to isogeny*, **Compos. Math.****137** (2003)pag. 237 – 273.
103. D. Banerjee; A. Saha, Differential modular forms over totally real fields of integral weights, **Res. Number Th.****7** (2021), Paper No. 42, 19 pp.
Citează: M. Barcau; A. Buium *Siegel differential modular forms*, **Inter. Math. Res. Not.** **28** (2002), pag. 1457 – 1503.

104. L. Mejia, M. Mejia, C. Xie, Y. Du, A. Sultan, K. Mohanty, M. Balhoff, Viscous Fingering of Irreducible Water During Favorable Viscosity Two-Phase Displacements, **Adv. Water Res.** **153** (2021), pag. 103943,
Citează: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media, 75 (2008), pag. 1–16
105. H. Abderrahmane, S. Rabbani, M. Sassi, Inertia Effects in the Dynamics of Viscous Fingering of Miscible Fluids in Porous Media: Circular Hele-Shaw Cell Configuration, **Energies** **14** (2021), pag. 6432
Citează: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media, 75 (2008), pag. 1–16
106. I. E. Karpunin, Dynamics of oscillating interphase boundary depending on the relative location of liquids in the radial Hele-Shaw cell, **Konvektivnaie Tecenia** **8** (2021), pag. 76-88
Citează: G. Pasa, O. Titaud: A class of viscosity profiles for oil displacement in porous media or Hele-Shaw cell, Transport in Porous Media 58 (2005), pag. 269-86
107. L Dai; M Liang; Y Shen, Some Rank Formulas for the Yang-Baxter Matrix Equation $AXA = XAX$, **Wuhan Univ. J. Nat. Sci.**, **26** (2021), 459 - 463
Citează: FF Nichita, Nonlinear Equations, Quantum Groups and Duality Theorems: A primer on the Yang–Baxter Equation, Buffalo: The State University of New York at Buffalo (2001).
108. MN Khan; A Munir; M Arshad; A Alsanad; S Al-Hadhram, Weak Hopf Algebra and Its Quiver Representation, **Math. Prob. Eng.** (2021)
*Citează: FF Nichita, Introduction to the Yang-Baxter equation with open problems, Axioms **1** (2012).*
109. Q. Gao, C. Zhong, P. Han, R. Cao, Characteristics of Preferential Flow Paths in Reservoirs After Polymer Flooding and an Adaptive Compound Flooding Method, **Chemistry and Technology of Fuels and Oils** **57** (2021) pag.368-375
*Citează: P. Daripa and G. Pasa, An optimal viscosity profile in enhanced oil recovery by polymer flooding, Int. J. Eng. Sci. **42** (2004), pag. 2029-2039.*
110. H. Xie, D. Yang, L. Xiao, JB Liu, Connectivity-aware 3D UAV path design with deep reinforcement learning, **IEEE Trans. Vehicular Techn.** **70** (2021), pag. 13022 – 13034
*Citează: V. Timofte, A. Timofte, L. A. Khan, Stone-Weierstrass and extension theorems in the nonlocally convex case, J. Math. Anal. Appl. **462** (2018), pag. 1536 – 1554*
111. V. Powers, Positive polynomials with special structure, In book: Certificates of positivity for real polynomials – theory, practice, and applications, **Developments in Mathematics**, **69**. Springer, Cham, [2021], xi+156 pp.
*Citează: V. Timofte, On the positivity of symmetric polynomial functions. Part I: general results, J. Math. Anal. Appl. **284** (2003), pag. 174 – 190*
112. J. Liu, H. Liu, J. Guo, M.J. Li, L. Li, S. Tengfei, Experimental Research on a Cyclone Air Flotation Separator for Polymer-Containing Wastewater, **Chemistry and Technology**

- of **Fuels and Oils** **57** (2021) pag.705-712
Citează: P. Daripa and G. Pasa, *An optimal viscosity profile in enhanced oil recovery by polymer flooding*, **Int. J. Eng. Sci.** **42** (2004), pag. 2029-2039.
113. S. Raza, I. D.Gates, Effect of cellulose nanocrystal nanofluid on displacement of oil in a Hele-Shaw cell, **J. Petroleum Sci. Eng.** **196** (2021), 108068
Citează: P. Daripa, G. Pasa, *New bounds for stabilizing Hele–Shaw flows*, **Appl. Math. Lett.** **18** (2005), pag. 1293-1303.
114. ZM. Lv, MJA. Junjua, MT. Tahir, MT. Tahir, K. Shabbir, Certain Bounds of Regularity of Elimination Ideals on Operations of Graphs, **Mathematical problems in engineering vol.2021, Article ID 3697430** (2021), 8 pages.
Citează: M. Cimpoeaş, *A stable property of Borel type ideals*, **Comm. Algebra** **36** (2008), pag. 674 – 677.
115. G. Blekherman, R. Sinn, G. Smith, M. Velasco, Sums of squares and quadratic persistence on real projective varieties **J. Eur. Math. Soc.****24**, (2021) pag. 925 – 965
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **University Lecture Series** **62** (2010), American Mathematical Society, Providence RI
116. A. L. Knutsen, M. Lelli-Chiesa, A. Verra, Half Nikulin surfaces and moduli of Prym curves, **J. Inst. Math. Jussieu** **20**, (2021) pag. 1547 – 1584
Citează: M. Aprodu, G. Farkas, *Green’s Conjecture for smooth curves on arbitrary $K3$ surfaces*,
117. A. L. Knutsen, M. Lelli-Chiesa, A. Verra, Half Nikulin surfaces and moduli of Prym curves, **J. Inst. Math. Jussieu** **20**, (2021) pag. 1547 – 1584
Citează: M. Aprodu, G. Farkas, *Green’s conjecture for general covers*, **Compact Moduli Spaces and vector Bundles**, **Contemp. Math.** **564** (Amer. Math. Soc., Providence, RI, (2012) pag. 211 – 226
118. Y. Cho, Y. Kim, K.-S. Lee, Ulrich Bundles on Intersections of Two 4-Dimensional Quadrics, **Int. Math. Res. Not. IMRN**, **2021**, (2021) pag. 17277 – 17303
Citează: M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms and Ulrich bundles on $K3$ surfaces*, **J. Reine Angew. Math.** **730** (2017) pag. 225 – 249
119. M. Ungureanu, Dimension Theory and Degenerations of de Jonquières Divisors, **Int. Math. Res. Not. IMRN** **2021**, (2021) pag. 15911 – 15958
Citează: M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms and Ulrich bundles on $K3$ surfaces*, **J. Reine Angew. Math.** **730** (2017) pag. 225 – 249
120. C. B. Miranda–Neto, Pullback of the Normal Module of Ideals with Low Codimension, **Q. J. Math.**, **72**, (2021) pag. 1147 – 1166
Citează: M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms and Ulrich bundles on $K3$ surfaces*, **J. Reine Angew. Math.** **730** (2017) pag. 225 – 249
121. J. Liu, W. Ou, X. Yang, Strictly nef vector bundles and characterizations of \mathbf{P}^n , **Complex Manifolds** **8**, (2021) pag. 148 – 159
Citează: M. Aprodu, S. Kebekus, Th. Peternell, *Galois coverings and endomorphisms of projective varieties*, **Math. Z.**, **260**, (2008) pag. 431 – 449

122. Y. Liu, L. Maxim, B. Wang, Perverse sheaves on semi-abelian varieties, **Selecta Math. (N.S.)** **27** (2021), Paper No. 30, 40 pp
Citează: Y. Liu, L. Maxim, B. Wang *Aspherical manifolds, Mellin transformation and a question of Bobadilla-Kollár*, **J. Reine Angew. Math.** **781** (2021), pag. 1 – 18
123. Y. Liu, L. Maxim, B. Wang, Perverse sheaves on semi-abelian varieties, **Selecta Math. (N.S.)** **27** (2021), Paper No. 30, 40 pp
Citează: Y. Liu, L. Maxim, B. Wang *Perverse sheaves on semi-abelian varieties—a survey of properties and applications*, **Eur. J. Math.** **6** (2020), pag. 977 – 997
124. Y. Liu, L. Maxim, B. Wang, Aspherical manifolds, Mellin transformation and a question of Bobadilla-Kollár, **J. Reine Angew. Math.** **781** (2021), pag. 1 – 18
Citează: Y. Liu, L. Maxim, B. Wang, *Perverse sheaves on semi-abelian varieties*, **Selecta Math. (N.S.)** **27** (2021), Paper No. 30, 40 pp
125. E. Elduque, Twisted Alexander modules of hyperplane arrangement complements, **Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. RACSAM** **115** (2021), Paper No. 70, 28 pp
Citează: L. Maxim, K. Wong, *Twisted Alexander invariants of complex hypersurface complements*, **Proc. Roy. Soc. Edinburgh Sect. A** **148** (2018), pag. 1049 – 1073
126. P. Cassou-Noguès, M. Raibaut, Newton transformations and motivic invariants at infinity of plane curves, **Math. Z.** **299** (2021), pag. 591 – 669
Citează: M. González Villa, A. Libgober, L. Maxim *Motivic infinite cyclic covers*, **Adv. Math.** **298** (2016), pag. 413 – 447
127. L. Maxim, J. Rodriguez, B. Wang, Euclidean distance degree of projective varieties, **Int. Math. Res. Not. IMRN** **2021** (2022), pag. 15788 – 15802
Citează: L. Maxim, J. Rodriguez, B. Wang, *Defect of Euclidean distance degree*, **Adv. in Appl. Math.** **121** (2020), 102101, 22 pp.
128. D. Wrazidlo, A fundamental class for intersection spaces of depth one Witt spaces, **Manuscripta Math.** **166** (2021), pag. 199 – 236
Citează: L. Maxim, *Intersection spaces, perverse sheaves and string theory*, **J. Singul.** **15** (2016), pag. 118 – 125
129. Y. Liu, L. Maxim, B. Wang, Aspherical manifolds, Mellin transformation and a question of Bobadilla-Kollár, **J. Reine Angew. Math.** **781** (2021), pag. 1 – 18
Citează: Y. Liu, L. Maxim, B. Wang, *Generic vanishing for semi-abelian varieties and integral Alexander modules*, **Math. Z.** **293** (2019), pag. 629 – 645
130. Y. Liu, L. Maxim, B. Wang, Aspherical manifolds, Mellin transformation and a question of Bobadilla-Kollár, **J. Reine Angew. Math.** **781** (2021), pag. 1 – 18
Citează: L. Maxim, *Intersection homology \mathcal{E} perverse sheaves. with applications to singularities*, **Graduate Texts in Mathematics**, **281** (2019), Springer, Cham
131. Y. Liu, L. Maxim, B. Wang, Aspherical manifolds, Mellin transformation and a question of Bobadilla-Kollár, **J. Reine Angew. Math.** **781** (2021), pag. 1 – 18
Citează: Y. Liu, L. Maxim, B. Wang, *Mellin transformation, propagation, and abelian duality spaces*, **Adv. Math.** **335** (2018), pag. 231 – 260

132. L. Maxim, J. Rodriguez, B. Wang, Euclidean distance degree of projective varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), 15788 – 15802
Citează: L. Maxim, J. Rodriguez, B. Wang, *Euclidean distance degree of the multiview variety*, **SIAM J. Appl. Algebra Geom.** **4** (2020), pag. 28 – 48
133. D. Wrazidlo, A fundamental class for intersection spaces of depth one Witt spaces, **Manuscripta Math.** **166** (2021), pag. 199 – 236
Citează: M. Banagl, L. Maxim, *Intersection spaces and hypersurface singularities*, **J. Singul.** **5** (2012), pag. 48 – 56
134. T. Krämer, Characteristic cycles and the microlocal geometry of the Gauss map, II, **J. Reine Angew. Math.** **774** (2021), pag. 53 – 92
Citează: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, S. Yokura, *Characteristic classes of symmetric products of complex quasi-projective varieties*, **J. Reine Angew. Math.** **728** (2017), pag. 35 – 63
135. D. Wrazidlo, A fundamental class for intersection spaces of depth one Witt spaces, **Manuscripta Math.** **166** (2021), pag. 199 – 236
Citează: M. Banagl, N. Budur, L. Maxim, *Intersection spaces, perverse sheaves and type IIB string theory*, **Adv. Theor. Math. Phys.** **18** (2014), pag. 363 – 399
136. T. Essig, Intersection space cohomology of three-strata pseudomanifolds, **J. Topol. Anal.** **13** (2021), pag. 239 – 288
Citează: M. Banagl, N. Budur, L. Maxim, *Intersection spaces, perverse sheaves and type IIB string theory*, **Adv. Theor. Math. Phys.** **18** (2014), pag. 363 – 399
137. D. Wrazidlo, A fundamental class for intersection spaces of depth one Witt spaces, **Manuscripta Math.** **166** (2021), pag. 199 – 236
Citează: M. Banagl, L. Maxim, *Deformation of singularities and the homology of intersection spaces*, **J. Topol. Anal.** **4** (2012), pag. 413 – 448
138. T. Essig, Intersection space cohomology of three-strata pseudomanifolds, **J. Topol. Anal.** **13** (2021), pag. 239 – 288
Citează: M. Banagl, L. Maxim, *Deformation of singularities and the homology of intersection spaces*, **J. Topol. Anal.** **4** (2012), pag. 413 – 448
139. L. Jefferey, S. Zabanfahm, Imploded cross-sections, **Rocky Mountain J. Math.** **51** (2021), pag. 193 – 211
Citează: M. Banagl, L. Maxim, *Deformation of singularities and the homology of intersection spaces*, **J. Topol. Anal.** **4** (2012), pag. 413 – 448
140. L. Fehér, R. Rimányi, A. Weber, Motivic Chern classes and K-theoretic stable envelopes, **Proc. Lond. Math. Soc. (3)** **122** (2021), 153 – 189
Citează: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, *Equivariant characteristic classes of singular complex algebraic varieties*, **Comm. Pure Appl. Math.** **65** (2012), pag. 1722 – 1769
141. M. Nakamura, K. Sakakibara, Y. Okura, K. Ogata: Formal Verification of Multitask Hybrid Systems by the OTS/CafeOBJ Method, **Int. J. Software Eng. Knowledge Eng.** **31** (2021), pag. 1541–1559

- Citează:* R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
142. D. Bjorner: **Domain Science and Engineering**, Springer (2021)
*Citează:*R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
143. R. Hennicker, A. Knapp, A. Madeira: Observational interpretations of hybrid dynamic logic with binders and silent transitions, **Journal of Logical and Algebraic Methods in Programming** **122** (2021), pag. 100698
*Citează:*R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
144. M. Liu, D. D. Bui, D. D. Tran, K. Ogata: Formal Specification and Model Checking of an Autonomous Vehicle Merging Protocol, **2021 IEEE 21st International Conference on Software Quality, Reliability and Security Companion (QRS-C)** (2021) pag. 333–342
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
145. R. Hennicker, A. Knapp, A. Madeira: Hybrid dynamic logic institutions for event/data-based systems, **Formal Aspects of Computing** **33** (2021) pag. 1209–1248.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
146. S.Buckler: **How to Challenge the System and Become a Better Teacher**, Corwin/SAGE (2021)
Citează: T. Mossakowski, J. Goguen, R. Diaconescu, A. Tarlecki: *What is a Logic?*, în **Log. Univers.**, editor Jean-Yves Beziau, Birkhäuser (2005) pag. 113–133.
147. R. Hennicker, A. Knapp, A. Madeira: Hybrid dynamic logic institutions for event/data-based systems, **Formal Aspects of Computing** **33** (2021) pag. 1209–1248.
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lect. Notes Comp. Sci.** **6859** (2011), pag. 283–297.
148. R. Hennicker, A. Knapp, A. Madeira: Hybrid dynamic logic institutions for event/data-based systems, **Formal Aspects of Computing** **33** (2021) pag. 1209–1248.
Citează: T. Mossakowski, R. Diaconescu, A. Tarlecki: *What is a Logic Translation?*, **Log. Univers.** **3**, (2009) pag. 59–94.
149. R. Hennicker, A. Knapp, A. Madeira: Hybrid dynamic logic institutions for event/data-based systems, **Formal Aspects of Computing** **33** (2021) pag. 1209–1248.
Citează: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Math. Str. Compu. Sci.** **26** (2016), pag. 745 – 788.
150. R. Hennicker, A. Knapp, A. Madeira: Hybrid dynamic logic institutions for event/data-based systems, **Formal Aspects of Computing** **33** (2021) pag. 1209–1248.

- Citează:* R. Diaconescu, P. Stefanescu: *Ultraproducts and possible worlds semantics in institutions*, **Theor. Comp. Sci.** **379** (2007) pag. 210–230.
151. D. Bjorner: **Domain Science and Engineering**, Springer (2021)
Citează: R. Diaconescu, K. Futatsugi, K. Ogata: *CafeOBJ logical foundations and methodologies*, **Comp. Informatics** **22** pag. 257–283.
152. W. Schreiner: **Thinking Programs**, Springer (2021)
Citează: R. Diaconescu: **A methodological guide to CafeOBJ logic**, in D. Bjorner and Martin Henson, **Logics of Specification Languages** (2008) Springer–Verlag Berlin Heiderberg, pag. 153–240.
153. I. Țuțu, C.E. Chiriță, J.L. Fiadeiro: Dynamic Reconfiguration via Typed Modalities. **Formal Methods. FM 2021. Lecture Notes in Computer Science 13047** (2021) Springer, Cham, pag. 599–615.
Citează: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788.
154. I. Țuțu, C.E. Chiriță, J.L. Fiadeiro: Dynamic Reconfiguration via Typed Modalities. **Formal Methods. FM 2021. Lect. Notes Comp. Sci. 13047** (2021) Springer, Cham, pag. 599–615.
Citează: R. Diaconescu: *Introducing H, an institution-based formal specification and verification language*, **Log. Univers.** **14** (2020), pag. 259–277.
155. Q. Shen: *The fourth moment of quadratic Dirichlet L-functions*, **Math. Z.** **298** (2021), pag. 713–745,
Citează: A. Diaconu și I. Whitehead, *On the third moment of $L(\frac{1}{2}, \chi_d)$ II: the number field case*, **J. Eur. Math. Soc. (JEMS)** **23** (2021), pag. 2051–2070.
156. G. Djanković și D. Dokić: *The mixed second moment of quadratic Dirichlet L-functions over function fields*, **Rocky Mountain J. Math.** **51** (2021), pag. 2003–2017,
Citează: A. Diaconu, *On the third moment of $L(\frac{1}{2}, \chi_d)$ I: The rational function field case*, **J. Number Theory** **198** (2019), pag. 1–42.
157. J. C. Andrade, H. Jung și A. Shamesaldeen: *The integral moments and ratios of quadratic Dirichlet L-functions over monic irreducible polynomials in $\mathbb{F}_q[T]$* , **Ramanujan J.** **56** (2021), pag. 23–66,
Citează: A. Diaconu, *On the third moment of $L(\frac{1}{2}, \chi_d)$ I: The rational function field case*, **J. Number Theory** **198** (2019), pag. 1–42.
158. J. Hoffstein, M. Lee și M. Nastasescu: *First moments of Rankin-Selberg convolutions of automorphic forms on $GL(2)$* , **Res. Number Theory** **7** (2021), Paper No. 60, 44,
Citează: G. Chinta și A. Diaconu: *Determination of a GL_3 cuspform by twists of central L-values*, **IMRN** **48** (2005), pag. 2941–2967.
159. P. Gao și L. Zhao: *Moments of central values of quartic Dirichlet L-functions*, **J. Number Theory** **228** (2021), pag. 342–358,
Citează: A. Diaconu, *Mean square values of Hecke L-series formed with r-th order characters*, **Invent. Math.** **157** (2004), pag. 635–684.

160. Q. Shen: *The fourth moment of quadratic Dirichlet L-functions*, **Math. Z.** **298** (2021), pag. 713–745,
Citează: A. Diaconu, D. Goldfeld și J. Hoffstein, Multiple Dirichlet series and moments of zeta and L-functions, Compos. Math. **139** (2003), pag. 297–360.
161. P. Gao și L. Zhao: *Moments of central values of quartic Dirichlet L-functions*, **J. Number Theory** **228** (2021), pag. 342–358,
Citează: A. Diaconu, D. Goldfeld și J. Hoffstein, Multiple Dirichlet series and moments of zeta and L-functions, Compos. Math. **139** (2003), pag. 297–360.
162. J. C. Andrade, H. Jung și A. Shamesaldeen: *The integral moments and ratios of quadratic Dirichlet L-functions over monic irreducible polynomials in $\mathbb{F}_q[T]$* , **Ramanujan J.** **56** (2021), pag. 23–66,
Citează: A. Diaconu, D. Goldfeld și J. Hoffstein, Multiple Dirichlet series and moments of zeta and L-functions, Compos. Math. **139** (2003), pag. 297–360.
163. C. David, A. Florea și M. Lalín: *Nonvanishing for cubic L-functions*, **Forum Math. Sigma** **9** (2021), Paper No. e69, 58,
Citează: A. Diaconu, D. Goldfeld și J. Hoffstein, Multiple Dirichlet series and moments of zeta and L-functions, Compos. Math. **139** (2003), pag. 297–360.
164. G. Casnati, E. Coskun, O. Genc and F. Malaspina, Instanton bundles on the blowup of the projective 3-space at a point, **Michigan Math. J.** **70**, No. 4 (2021), pag. 807 – 836
Citează: I. Coandă and D. Faenzi, A refined stable restriction theorem for vector bundles on quadric threefolds, Annali Mat. Pura Appl. (4) **193**, No. 3 (2014), pag. 859 – 887.
165. F. Zucconi, The rationality of the moduli space of two-pointed ineffective spin hyperelliptic curves, **Q. J. Math.** **72**, No. 4 (2021), pag. 1329 – 1356
Citează: I. Coandă and D. Faenzi, A refined stable restriction theorem for vector bundles on quadric threefolds, Annali Mat. Pura Appl. (4) **193**, No. 3 (2014), pag. 859 – 887.
166. H. Torres-López and A. G. Zamora, H-stability of syzygy bundles on some regular algebraic surfaces, **Beiträge Algebra Geom.** **63** (2022), pag. 589 – 598
Citează: I. Coandă, On the stability of syzygy bundles, International J. Math. **22**, (2011), pag. 515 – 534.
167. J. Mukherjee and D. Raychaudhury, A note on stability of syzygy bundles on Enriques and bielliptic surfaces, **Proc. Amer. Math. Soc.** **150** (2022), pag. 3715 – 3724
Citează: I. Coandă, On the stability of syzygy bundles, International J. Math. **22**, (2011), pag. 515 – 534.
168. E. Ballico, Extending infinitely many times arithmetically Cohen-Macaulay and Gorenstein subvarieties of projective spaces, **Q. J. Math.** **73**, (2022), pag. 701 – 709
Citează: I. Coandă and G. Trautmann, The splitting criterion of Kempf and the Babylonian tower theorem, Comm. Algebra **34**, (2006), pag. 2485 – 2488.
169. E. Ballico, Extending infinitely many times arithmetically Cohen-Macaulay and Gorenstein subvarieties of projective spaces, **Q. J. Math.** **73**, (2022), pag. 701 – 709

- Citează:* I. Coandă, *Infinitely stably extendible vector bundles on projective spaces*, **Arch. Math.** **94**, (2010), pag. 539 – 545.
170. E. Ballico, Extending infinitely many times arithmetically Cohen-Macaulay and Gorenstein subvarieties of projective spaces, **Q. J. Math.** **73**, (2022), pag. 701 – 709
Citează: I. Coandă, *A simple proof of Tyurin’s Babylonian tower theorem*, **Comm. Algebra** **40**, (2012), pag. 4668 – 4672.
171. E. H. Essoufi, A. Zafrar, Optimal control of friction coefficient in Signorini contact problems, **Optimal Control Appl. Methods** **42** (2021), pag. 1794 – 1811
Citează: A. Căpăţînă, R. Stavre *Optimal control of a non isothermal Navier-Stokes flow*, **Int. J. Eng. Sci.** **34** (1996), pag. 59 – 66
172. X. Han, G. Landi, Gauge groups and bialgebroids, **Lett. Math. Phys.** **111** (2021), 140
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
173. K. Naoi, Equivalence between module categories over quiver Hecke algebras and Hernandez-Leclerc’s categories in general types, **Adv. Math.** **389** (2021), 107916
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
174. X. Huang, W. Yin, Regular multi-types and the Bloom conjecture **J. Math. Pures Appl.** **146** (2021), pag. 69 – 98
Citează: V. Brînzănescu, A. C. Nicoara *On the relationship between D’Angelo q-type and Catlin q-type*, **J. Geom. Anal.** **25** (2015), pag. 1701 – 1719
175. Bose, Arup, Koushik Saha, and Priyanka Sen. ”Some patterned matrices with independent entries.” **Random Matrices: Theory and Applications** 10.03 (2021): 2150030.
Citează: I. Popescu *General tridiagonal random matrix models, limiting distributions and fluctuations Authors Ionel Popescu*, **Prob. th. related fields** (2009), pag. 179-220
176. Breuer, Jonathan, Yoel Grinshpon, and Moshe J. White. ”Spectral fluctuations for Schrödinger operators with a random decaying potential.” **Annales Henri Poincaré** Vol. 22. No. 11. Springer International Publishing, 2021.
Citează: I. Popescu *General tridiagonal random matrix models, limiting distributions and fluctuations Authors Ionel Popescu*, **Probability theory and related fields** (2009), pag. 179-220
177. Triayudi, Agung, Sumiati Sumiati, Saleh Dwiyatno, Dentik Karyaningsih, and Susilawati Susilawati. ”Measure the effectiveness of information systems with the naïve bayes classifier method.” **IAES International Journal of Artificial Intelligence** 10, no. 2 (2021): 414.
Citează: Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu *Naive bayes with correlation factor for text classification problem 18th IEEE International Conference On Machine Learning And Applications (ICMLA)*, pp. 1051-1056. IEEE, 2019.
178. Wahyono, Irawan Dwi, Khoirudin Asfani, Mohd Murtadha Mohamad, Djoko Saryono, Hari Putranto, and Mohd Nihra Haruzuan Bin Mohamad Said. ”Text Mining in Chat

- Room of Online Learning for Detection Emotion using Artificial Intelligence.” In **2021 International Conference on Computer Science, Information Technology, and Electrical Engineering (ICOMITEE)**, pp. 63-67. IEEE, 2021.
- Citează:*Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu *Naive bayes with correlation factor for text classification problem* **18th IEEE International Conference On Machine Learning And Applications (ICMLA)**, pp. 1051-1056. IEEE, 2019.
179. Vaz, Mark, Vaishnavi Yamgekar, Rahul Sharma, and Asha Pawar. ”Talent Evaluator Using Adaptive Testing.” In **2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)**, vol. 1, pp. 444-447. IEEE, 2021.
- Citează:*Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu *Naive bayes with correlation factor for text classification problem* **18th IEEE International Conference On Machine Learning And Applications (ICMLA)**, pp. 1051-1056. IEEE, 2019.
180. Sianipar, Jhosua Parningotan, Randy Erfa Saputra, and Casi Setianingsih. ”Deteksi Tinggi Rendah Gelombang Air Laut Dengan Sistem Multi Sensor Berbasis Aplikasi Web Menggunakan Algoritma Naive Bayes.” **eProceedings of Engineering** 8, no. 5 (2021).
- Citează:*Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu *Naive bayes with correlation factor for text classification problem* **18th IEEE International Conference On Machine Learning And Applications (ICMLA)**, pp. 1051-1056. IEEE, 2019.
181. Jinbao, Teng, Kong Weiwei, Chang Yidan, Tian Qiaoxin, Shi Chenyuan, and Li Long. ”Text classification method based on BiGRU-attention and CNN hybrid model.” In **2021 4th International Conference on Artificial Intelligence and Pattern Recognition**, pp. 614-622. 2021.
- Citează:*Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu. *Improved Naive Bayes with optimal correlation factor for text classification* **SN Applied Sciences** 1, no. 9 (2019): 1-10.
182. Yu, Xiaosheng, Ruxin Gong, and Peng Chen. ”Question Classification Method in Disease Question Answering System Based on MCDPLSTM.” In **2021 IEEE 21st International Conference on Software Quality, Reliability and Security Companion (QRS-C)**, pp. 381-387. IEEE, 2021.
- Citează:*Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu. *Improved Naive Bayes with optimal correlation factor for text classification* **SN Applied Sciences** 1, no. 9 (2019): 1-10.
183. D. Găină, T. Kowalski, Lindström’s theorem, both syntax and semantics free, **Journal of Logic and Computation** **32:5** (2021), pag. 942–975
- Citează:* D. Găină, I. Țuțu, A. Riesco: *Specification and Verification of Invariant Properties of Transition Systems*, **25th Asia-Pacific Software Engineering Conference** (2018), pag. 99–108

184. I. Țuțu, C.E. Chiriță, J.L. Fiadeiro: *Dynamic Reconfiguration via Typed Modalities*, **FM 2021, LNCS 13047** (2021), pag. 599 – 615
Citează: I. Țuțu, C.E. Chiriță, A. Lopes, J.L. Fiadeiro: *Logical Support for Bike-Sharing System Design*, **From Software Engineering to Formal Methods and Tools, and Back, SG65 @ The 23rd Symposium on Formal Methods, LNCS 11865** (2019), pag. 152 – 171
185. I. Țuțu, C.E. Chiriță, J.L. Fiadeiro: *Dynamic Reconfiguration via Typed Modalities*, **FM 2021, LNCS 13047** (2021), pag. 599 – 615
Citează: J.L. Fiadeiro, I. Țuțu, A. Lopes, D. Pavlovic: *Logics for Actor Networks: A two-stage constrained-hybridisation approach*, **Journal of Logical and Algebraic Methods in Programming** (2019), pag. 141–166
186. I. Țuțu, C.E. Chiriță, J.L. Fiadeiro: When databases roamed computing: Formal database specification revisited, **College Publications Tributes 44** (2021), pag. 261 – 278
Citează: I. Țuțu, C.E. Chiriță, A. Lopes, J.L. Fiadeiro: *Logical Support for Bike-Sharing System Design*, **From Software Engineering to Formal Methods and Tools, and Back, SG65 @ The 23rd Symposium on Formal Methods, LNCS 11865** (2019), pag. 152 – 171
187. V. Apostolov, D. Calderbank, The CR-geometry of weighted extremal Kahler and Sasaki metrics, **Math Ann 379 (3-4)** (2021), pag. 1047 – 1088
Citează: L. David , P. Gauduchon *The Bochner-flat geometry of weighted projective spaces*, **Perspectives in Riemannian Geometry, CRM Proceedings and Lecture Notes 40** (2006), pag. 109 – 156.
188. A. Arsie, A. Buryak, P. Lorenzoni, P. Rossi, Flat F -manifolds, F-CohFTs and integrable hierarchies **Comm Math Physics 388 (1)** (2021), pag. 291 – 328
Citează: L. David , C. Hertling, *Regular F -manifolds: initial conditions and Frobenius metrics* , **Ann Sc Norm Sup Pisa, Cl Scienze 17 (3)** (2017), pag. 1121 – 1152
189. C. Hertling, Rank 2 bundles with meromorphic connections with poles of Poincare rank 1 **SIGMA Symmetry, Integrability, Geom. Methods Appl. 17** (2021), 73 pag.
Citează: L. David , C. Hertling *Regular F -manifolds: initial conditions and Frobenius metrics* , **Ann Sc Norm Sup Pisa, Cl Scienze 17 (3)** (2017), pag. 1121 – 1152
190. A. Basalaev, C. Hertling, 3-dimensional F -manifolds, **Lett Math Physics 111 (4)** (2021), 50 pag.
Citează: L. David , C. Hertling *Regular F -manifolds: initial conditions and Frobenius metrics* , **Ann Sc Norm Sup Pisa, Cl Scienze 17 (3)** (2017), pag. 1121 – 1152
191. A. Bolsinov, A. Konyaev, V. Matveev, Applications of Nijenhuis geometry II: maximal pencils of multi-Hamiltonian structures of hydrodynamic type, **Nonlinearity 34 (8)** (2021), pag. 5136-5162
Citează: L. David , C. Hertling *Regular F -manifolds: initial conditions and Frobenius metrics* , **Ann Sc Norm Sup Pisa, Cl Scienze 17 (3)** (2017), pag. 1121 – 1152
192. V. Apostolov, D Calderbank, E. Legendre, Weighted K -stability of polarized varieties and extremality of Sasaki manifolds, **Adv Math 391** (2021), 63 pag.

- Citează:* L. David, *Weyl connections and curvature properties of CR-manifolds*, **Ann Global Anal Geom** (2017), pag. 1121 – 1152
193. V. Apostolov, D. Calderbank, The CR-geometry of weighted extremal Kahler and Sasaki metrics, **Math Ann** **379** (3-4) (2021), pag. 1047 – 1088
Citează: L. David, *Weyl connections and curvature properties of CR-manifolds*, **Ann Global Anal Geom** (2017), pag. 1121 – 1152
194. I. Strachan, Flat coordinates on orbit spaces: from Novikov algebras to cyclic quotient singularities, **Proc. Sympos Pure Math** **103** (2021), pag. 451 - 480
Citează: L. David , I. Strachan: *Compatible metrics on a manifold and non-local bihamiltonian structures*, **Int Math Res Notices** (2017), pag. 1121 – 1152
195. M.-C. Lee, J. Streets, Complex manifolds with negative curvature operator, **Int. Math. Res. Not** IMRN 2021, no. 24, 18520–18528
Citează I. Chiose *Obstructions to the existence of Kähler structures on compact complex manifolds*, **Proc. Amer. Math. Soc.** **142** (2014), no. 10, 3561–3568
196. S. W. Zun, On exponential diophantine equations over \mathbb{Q} with few unknowns, **arXiv: 2112.00620**, 2021
Citează: Mihai Prunescu: *The exponential diophantine problem for \mathbb{Q}* , **The Journal of Symbolic Logic**, **85**, **2** (2020), pag. 671 – 672
197. M. Măntoiu, C^* -algebraic spectral sets, twisted groupoids and operators, **J. Operator Theory** **86** (2021), no. 2, pag. 355–394
Citează: I. Belțiță, D. Belțiță, C^* -dynamical systems of solvable Lie groups, **Transform. Groups** **23** (2018), no. 3, 589–629.
198. E. Andruchow, M. E. Di Iorio y Lucero, p -Schatten commutators of projections, **Ann. Funct. Anal.** **12** (2021), no. 2, Paper No. 29, 20 pp.
Citează: D. Belțiță, T. S. Ratiu, A. B. Tumpach, The restricted Grassmannian, Banach Lie-Poisson spaces, and coadjoint orbits, **J. Funct. Anal.** **247** (2007), no. 1, pag. 138–168.
199. C.-W. Leung, C.-K. Ng, Analytic bundle structure on the idempotent manifold, **Monatsh. Math.** **196** (2021), no. 1, pag. 103–133
Citează: D. Belțiță, *Smooth homogeneous structures in operator theory*, **Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics**, **137** (2006).
200. C.-W. Leung, C.-K. Ng, Analytic bundle structure on the idempotent manifold, **Monatsh. Math.** **196** (2021), no. 1, pag. 103–133
Citează: D. Belțiță, J.E. Galé, On complex infinite-dimensional Grassmann manifolds, **Complex Anal. Oper. Theory** **3** (2009), pag. 739–758.
201. T. Dumitrescu, M. Epure, A class of multiplicative lattices, **Czech. Math. J.** **71** (2021), pag. 591 – 601
Citează: Z Ahmad, T. Dumitrescu, M. Epure *A Schreier domain type condition*, **Bull. math. Soc. Sci. Math. Roumanie** **55** (2012), pag. 241 – 247.

202. Baldare, A; Come, R; (...); Nistor, V, Fredholm conditions and index for restrictions of invariant pseudodifferential operators to isotypical components **Müaster Journal of Mathematics** **14** (1) (2021), pp.403-443
Citează: Măntoiu, M; Purice, R and Richard, S, Spectral and propagation results for magnetic Schrödinger operators; A C*-algebraic framework, **Journal of Functional Analysis** **250** (1) (2007), pp.42-67
203. Athmouni, N; Damak, M and Jendoubi, C, On the ascent-descent spectrum, **Methods of Functional Analysis and Topology** **27** (3) (2021), pp.205-216
Citează: Athmouni, N; Măntoiu, M and Purice, R, On the continuity of spectra for families of magnetic pseudodifferential operators, **Journal of Mathematical Physics** **51** (8) (2010), Article Number 083517
204. Măntoiu, Marius C*-algebraic spectral sets, twisted groupoids and operators. *J. Operator Theory* **86** (2) (2021), 355–394
Citează: Măntoiu, M and Purice, R, The magnetic Weyl calculus, **Journal of Mathematical Physics** **45** (4) (2004), 1394–1417
205. Măntoiu, Marius C*-algebraic spectral sets, twisted groupoids and operators. *J. Operator Theory* **86** (2) (2021), 355–394
Citează: Iftimie, V; Măntoiu, M and Purice, R, Magnetic pseudodifferential operators **Publications RIMS** **43** (3) (2007), pp.585-623
206. Măntoiu, Marius C*-algebraic spectral sets, twisted groupoids and operators. *J. Operator Theory* **86** (2) (2021), 355–394
Citează: Măntoiu, M; Purice, R and Richard, S, Spectral and propagation results for magnetic Schrödinger operators; A C*-algebraic framework, **Journal of Functional Analysis** **250** (1) (2007), pp.42-67
207. J. Cassone, J. Spöner, F. Saija, Ab initio molecular dynamics studies of the electric-field-induced catalytic effects in liquids, **Topics in Catalysis** **65** (2021), pag. 40–58
Citează: G. Nenciu, *Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians*, **Rev. Mod. Phys.** **63** (1991), pag. 91–128.
208. MS. Vaezi, AR. Negari & all, Amelioration for the sign problem: An adiabatic quantum Monte Carlo algorithm, **Physical Review Letters** **127** (2021), Article number: 217003
Citează: Nenciu, G., *Adiabatic theorem of quantum mechanics*, **Journal of Physics A-mathematical and General** **13** (1980), pag. L15–L18.
209. M. Barbier, S. Hollerith, W. Hofstetter, Extended Bose-Hubbard models with Rydberg macrodimer dressing, **Physical Review A** **104** (2021), Article number: 053304
Citează: Nenciu, G., *Adiabatic theorem of quantum mechanics*, **Journal of Physics A-mathematical and General** **13** (1980), pag. L15–L18.
210. A. Touil, S. Deffner, Environment-assisted shortcuts to adiabaticity, **Entropy** **23** (2021), Article number: 1479
Citează: Nenciu, G., *Adiabatic theorem of quantum mechanics*, **J. Physics A-mathematical and General** **13** (1980), pag. L15–L18.

211. P. Mihailovic, S. Petricevic, Fiber optic sensors based on the Faraday effect, **Sensors** **21** (2021), Article number: 6564
Citează: HD. Cornean, G. Nenciu, TG. Pedersen, *The Faraday effect revisited: General theory*, **J.Math.Phys.** **47** (2006), Article number: 013511
212. HY. Ko. B. Santra RA. DiStasio, Enabling large-scale condensed-phase hibrid density functional theory-based ab initio molecular dynamics II: Extensions to the isobaric-isoenthalpic and isobaric-isothermal ensembles, **Journal of Chemical Theory and Computation** **17** (2021), pag. 7789 – 7813
Citează: G. Nenciu , *Existence of the exponentially localised Wannier functions*, **Communications in Mathematical Physics** **91** (1983), pag. 81–85.
213. C.C. Graciani Rodrigues, M.G. Todorov, Fast Switching Detector-Based Control of Markov Jump Linear Systems with Multiplicative Noises, **SIAM Journal on Control and Optimization**, **59**, **6**, (2021), 10.1137/20M1335303
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
214. F.V. Vergés, M.D. Fragoso, Best Linear Mean Square Filter for a New Class of Markovian Jump Linear Systems with Hidden Markov Parameter, **2021 IEEE Conference on Control Technology and Applications (CCTA)**, (2021),
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **carte Springer** (2006), pag. 442.
215. D. Makarov, V. Sobolev, Decomposition of Multiple Time-Scale Systems, **2021 14th International Conference Management of large-scale system development (MLSD)**, (2021)
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
216. Y. Liu, T. Hou, Infinite horizon LQ Nash Games for SDEs with infinite jumps, **Asian J. Control**, **23**, (2021), pag. 2431 – 2443
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
217. X. Li, C. Han, Optimal Control for Markov Jump Linear System with Multiplicative Noise and Input Delay, **2021 33rd Chinese Control and Decision Conference (CCDC)**, (2021)
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
218. X. Li, C. Han, Optimal Control for Markov Jump Linear System with Multiplicative Noise and Input Delay, **2021 33rd Chinese Control and Decision Conference (CCDC)**, (2021), DOI: 10.1109/CCDC52312.2021.9602391
Citează: V Drăgan, T Moroza, *The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping*, **IEEE Transactions on Automatic Control**, **vol.49, nr.5**, (2004), pag. 665 – 675.
219. H. Ma, Y. Wang, Full Information H2 Control of Borel-Measurable Markov Jump Systems with Multiplicative Noises, **Mathematics**,**10,1**, 37, (2022), doi.org/10.3390/math10010037

- Citează:* V Drăgan, T Morozan, *The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping*, **IEEE Transactions on Automatic Control**, vol.49, nr.5, (2004), pag. 665 – 675.
220. H. Ma, Y. Wang, Full Information H₂ Control of Borel-Measurable Markov Jump Systems with Multiplicative Noises, **Mathematics**,10,1, 37, (2022), doi.org/10.3390/math10010037
Citează: V. Drăgan, T. Morozan, A. Stoica, *H₂ optimal control for linear stochastic systems*, **Automatica**, 40,7, (2004), pag. 1103 – 1113
221. R.I. Schoeffauer, G. Wunder, Model-Predictive Control for Discrete-Time Queueing Networks With Varying Topology, **IEEE Transactions on Control of Network Systems**, 8, 3, (2021), pag. 1528 – 1539
Citează: S. Chitraganti, S. Aberkane, C Aubrun, G Valencia-Palomo, V Drăgan, *On control of discrete-time state-dependent jump linear systems with probabilistic constraints: A receding horizon approach*, **Systems and Control Letters, Volume 74**, (2014), pag. 81 – 89.
222. A.V. Yurchenkov, Lemma on boundedness of anisotropic norm for systems with multiplicative noises under a noncentered disturbance, **Automation and Remote Control**, 82, (2021), pag. 51 – 62
Citează: A.M. Stoica, V. Drăgan, I. Yaesh, *Kalman—Type Filtering for Stochastic Systems with State—Dependent Noise and Markovian Jumps*, **IFAC Proceedings Volumes**, 42(10), (2009), pag. 1375 – 1380.
223. M. Su, Optimal Estimation for Continuous-Time Markov Jump Systems with Multiplicative Noise, **2021 International Conference on Intelligent Computing, Automation and Applications (ICAA)**, (2021,) DOI: 10.1109/ICAA53760.2021.00062
Citează: A.M. Stoica, V. Drăgan, I. Yaesh, *Kalman—Type Filtering for Stochastic Systems with State—Dependent Noise and Markovian Jumps*, **IFAC Proceedings Volumes**, 42(10), (2009), pag. 1375 – 1380.
224. H. Mukaidani, H. Xu, W. Zhuang, Robust static output feedback Nash strategy for uncertain Markov jump linear stochastic systems, **IET Control Theory and Applications**, 15, 11, (2021), pag. 1559 – 1570
Citează: H. Mukaidani, H. Xu, V. Drăgan, *Static output-feedback incentive Stackelberg game for discrete-time Markov jump linear stochastic systems with external disturbance* **IEEE control systems letters**, 2(4), (2018), pag. 701 – 706.
225. C Rodríguez-Carreón, M.J.Lizarraga, C.E.Villarreal, I.Q.Vasquez, Mini-max incentive strategy for leader–follower games under uncertain dynamics, **International Journal of Systems Science**, 52,15, (2021), pag. 3159 – 3175
Citează: H. Mukaidani, H. Xu, T. Shima, V.Drăgan, *A stochastic multiple-leader-follower incentive Stackelberg strategy for Markov jump linear systems*, **IEEE Control Systems Letters**, 1, 2, (2017), pag. 250 – 255.
226. J. Shen, X. Ye, D. Feng, A game-theoretic method for resilient control design in industrial multi-agent CPSs with Markovian and coupled dynamics, **International Journal of Control**, 94, 11, (2021), pag. 3079 – 3090

- Citează:* V. Drăgan, I. Ivanov, *A numerical procedure to compute the stabilising solution of game theoretic Riccati equations of stochastic control*, **International journal of control**, **84,4**, (2011), pag. 783 – 800.
227. H. Ma, Y. Wang, Full Information H2 Control of Borel-Measurable Markov Jump Systems with Multiplicative Noises, - **Mathematics**, **10, 1**, 37, (2021), <https://doi.org/10.3390/math10010037>
Citează: V. Drăgan, T. Morozan, A.M. Stoica, *Iterative algorithm to compute the maximal and stabilising solutions of a general class of discrete-time Riccati-type equations*, **International Journal of Control**, **83,4**, (2010), pag. 837 – 847.
228. M. Sagara, H. Mukaidani, H. Xu, Robust Stackelberg Strategy for Stochastic LPV Systems and Application to Wind Power Generator, **IECON 2021–47th Annual Conference of the IEEE Industrial Electronics Society**, (2021), DOI: 10.1109/IECON48115.2021.9589920
Citează: H. Mukaidani, M. Unno, H. Xu, V. Drăgan, *Gain-scheduled Nash games with H_∞ constraint for stochastic LPV systems*, **IFAC-PapersOnLine**, **50(1)**, (2017) pag. 1478 – 1483.
229. Lörincz, András C.; Perlman, Michael. *Equivariant \mathcal{D} -modules on alternating senary 3-tensors*. Nagoya Math. J. 243 (2021), 61–82.
Citează: Raicu, Claudiu; Weyman, Jerzy. *Local cohomology with support in generic determinantal ideals*, Algebra & Number Theory **8**, no. 5:1231–1257, 2014.
230. Perlman, Michael. *Regularity and cohomology of Pfaffian thickenings*. J. Commut. Algebra 13 (2021), 523–548.
Citează: Raicu, Claudiu; Weyman, Jerzy; Witt, Emily. *Local cohomology with support in ideals of maximal minors and sub-maximal Pfaffians*, Advances in Mathematics **250**:596–610, 2014.
231. Lörincz, András C.; Perlman, Michael. *Equivariant \mathcal{D} -modules on alternating senary 3-tensors*. Nagoya Math. J. 243 (2021), 61–82.
Citează: Raicu, Claudiu; Weyman, Jerzy; Witt, Emily. *Local cohomology with support in ideals of maximal minors and sub-maximal Pfaffians*, Advances in Mathematics **250**:596–610, 2014.
232. Perlman, Michael. *Regularity and cohomology of Pfaffian thickenings*. J. Commut. Algebra 13 (2021), 523–548.
Citează: Raicu, Claudiu. *Regularity and cohomology of determinantal thickenings*, Proc. Lond. Math. Soc. (3) **116**, no. 2, 248–280, 2018.
233. Lörincz, András C.; Perlman, Michael. *Equivariant \mathcal{D} -modules on alternating senary 3-tensors*. Nagoya Math. J. 243 (2021), 61–82.
Citează: Raicu, Claudiu. *Characters of equivariant \mathcal{D} -modules on spaces of matrices*, Compos. Math. **152**, no. 9, 1935–1965, 2016.
234. Perlman, Michael. *Regularity and cohomology of Pfaffian thickenings*. J. Commut. Algebra 13 (2021), 523–548.
Citează: Raicu, Claudiu; Weyman, Jerzy. *Local cohomology with support in ideals of symmetric minors and Pfaffians*, J. Lond. Math. Soc. (2) **94**, no. 3, 709–725, 2016.

235. Lőrincz, András C.; Perlman, Michael. *Equivariant \mathcal{D} -modules on alternating senary 3-tensors*. Nagoya Math. J. 243 (2021), 61–82.
Citează: Raicu, Claudiu; Weyman, Jerzy. *Local cohomology with support in ideals of symmetric minors and Pfaffians*, J. Lond. Math. Soc. (2) **94**, no. 3, 709–725, 2016.
236. Lőrincz, András C.; Perlman, Michael. *Equivariant \mathcal{D} -modules on alternating senary 3-tensors*. Nagoya Math. J. 243 (2021), 61–82.
Citează: Lőrincz, András C.; Raicu, Claudiu. *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, Algebra & Number Theory **14**, no. 9, 2533–2569, 2020.
237. Lőrincz, András C.; Perlman, Michael. *Equivariant \mathcal{D} -modules on alternating senary 3-tensors*. Nagoya Math. J. 243 (2021), 61–82.
Citează: Raicu, Claudiu. *Characters of equivariant \mathcal{D} -modules on Veronese cones*, Trans. Amer. Math. Soc. **369**, no. 3, 2087–2108, 2017.
238. Lőrincz, András C.; Perlman, Michael. *Equivariant \mathcal{D} -modules on alternating senary 3-tensors*. Nagoya Math. J. 243 (2021), 61–82.
Citează: Lőrincz, András C.; Raicu, Claudiu; Weyman, Jerzy. *Equivariant \mathcal{D} -modules on binary cubic forms*, Comm. Algebra **47**, no. 6, 2457–2487, 2019.
239. Kollar, J., Deformations of varieties of general type. **Milan J. Math.** 89 (2021), no. 2, pag. 345 – 354
Citează: Ambro F.; Kollár, J., *Minimal models of semi-log-canonical pairs*. **Moduli of K-stable varieties, Springer INdAM Ser. 31** (2019), Springer Cham, pag. 1 – 13
240. Y. Yang, L. Huang, HZ. Li, Generating multi-wing hidden attractors with only stable node-foci via non-autonomous approach, **Physica Scripta 96** (2021), 12, 125220,
Citează: E. Mihăilescu *Local geometry and dynamical behavior on folded basic sets*, **J. Statistical Physics 142** (2011), pag. 154 – 167.
241. Y. Yang, L. Huang, HZ. Li, Generating multi-wing hidden attractors with only stable node-foci via non-autonomous approach, **Physica Scripta 96** (2021), 12, 125220,
Citează: E. Mihăilescu, *Inverse limits and statistical properties for chaotic implicitly defined economic models*, **Journal of Mathematical Analysis and Applications 394**, 2, 2012, 517-528.
242. Sengupta, A. K., Manin’s conjecture and the Fujita invariant of finite covers. **Algebra Number Theory 15** (2021), no. 8, pag. 2071 – 2087
Citează: Ambro F.; Kollár, J., *Minimal models of semi-log-canonical pairs*. **Moduli of K-stable varieties, Springer INdAM Ser. 31** (2019), Springer Cham, pag. 1 – 13
243. Jiang, C., Boundedness of anti-canonical volumes of singular log Fano threefolds. **Comm. Anal. Geom.** 29 (2021), no. 7, pag. 1571 – 1596
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not.** **14** (2016), pag. 4418 – 4448
244. Rubinstein, Y. A.; Tian, G.; Zhang, K., Basis divisors and balanced metrics. **J. Reine Angew. Math.** 778 (2021), pag. 171 – 218
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not.** **14** (2016), pag. 4418 – 4448

245. Fujino, O.; Matsumura, S., Injectivity theorem for pseudo-effective line bundles and its applications. **Trans. Amer. Math. Soc. Ser. B** 8 (2021), pag. 849 – 884
Citează: Ambro F., *An injectivity theorem*, **Compos. Math.** 150 (6) (2014), pag. 999 – 1023
246. Moraga, J., On minimal log discrepancies and Kollár components. **Proc. Edinb. Math. Soc.** 64 (2021), pag. 982 – 1001
Citează: Ambro F., *Basic properties of log canonical centers*, **Classification of algebraic varieties**, EMS Ser. Congr. Rep. (2011), pag. 39 – 48
247. L. Chen, Section problems for configuration spaces of surfaces, **J. Topol. Anal.** 13 (2021), pag. 469 – 497
Citează: F. Cantero, M. Palmer, *On homological stability for configuration spaces on closed background manifolds*, **Doc. Math.** 20 (2015), pag. 753 – 805
248. Jiang, C., A gap theorem for minimal log discrepancies of noncanonical singularities in dimension three. **J. Algebraic Geom.** 30 (2021), no. 4, pag. 759 – 800
Citează: Ambro F., *The set of toric minimal log discrepancies*, **Cent. Eur. J. Math.** 4 (3) (2006), pag. 358 – 370
249. Moraga, J., On minimal log discrepancies and Kollár components. **Proc. Edinb. Math. Soc.** (2) 64 (2021), no. 4, pag. 982 – 1001
Citează: Ambro F., *The set of toric minimal log discrepancies*, **Cent. Eur. J. Math.** 4 (3) (2006), pag. 358 – 370
250. Han, J.; Liu, W., On a generalized canonical bundle formula for generically finite morphisms. **Ann. Inst. Fourier (Grenoble)** 71 (2021), no. 5, pag. 2047 – 2077
Citează: Ambro F., *The moduli b -divisor of an lc -trivial fibration*, **Compos. Math.** 141 (2) (2005), pag. 385 – 403
251. Fujita, K., K -stability of log Fano hyperplane arrangements. **J. Algebraic Geom.** 30 (2021), no. 4, pag. 603 – 630
Citează: Ambro F., *The moduli b -divisor of an lc -trivial fibration*, **Compos. Math.** 141 (2) (2005), pag. 385 – 403
252. Lazic, V.; Meng, F., On nonvanishing for uniruled log canonical pairs. **Electron. Res. Arch.** 29 (2021), no. 5, pag. 3297 – 3308
Citează: Ambro F., *The moduli b -divisor of an lc -trivial fibration*, **Compos. Math.** 141 (2) (2005), pag. 385 – 403
253. Anella, F., Rational curves on genus-one fibrations. **Manuscripta Math.** 166 (2021), no. 3-4, pag. 489 – 502
Citează: Ambro F., *The moduli b -divisor of an lc -trivial fibration*, **Compos. Math.** 141 (2) (2005), pag. 385 – 403
254. Han, J.; Liu, W., On a generalized canonical bundle formula for generically finite morphisms. **Ann. Inst. Fourier (Grenoble)** 71 (2021), no. 5, pag. 2047 – 2077
Citează: Ambro, F., *Shokurov's Boundary Property*, **J. Differential Geom.** 67 (2004), pag. 229 – 255

255. Witaszek, J., On the canonical bundle formula and log abundance in positive characteristic. **Math. Ann.** 381 (2021), no. 3-4, pag. 1309 – 1344
Citează: Ambro, F., *Shokurov's Boundary Property*, **J. Differential Geom.** 67 (2004), pag. 229 – 255
256. Nakajima, Y.; Yobuko, F., Degenerations of log Hodge de Rham spectral sequences, log Kodaira vanishing theorem in characteristic $p > 0$ and log weak Lefschetz conjecture for log crystalline cohomologies. **Eur. J. Math.** 7 (2021), no. 4, pag. 1537 – 1615
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** 240 (1) (2003), pag. 214 – 233
257. Fujino, O.; Matsumura, S., Injectivity theorem for pseudo-effective line bundles and its applications. **Trans. Amer. Math. Soc. Ser. B** 8 (2021), pag. 849 – 884
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** 240 (1) (2003), pag. 214 – 233
258. Moraga, J., On minimal log discrepancies and Kollár components. **Proc. Edinb. Math. Soc.** (2) 64 (2021), no. 4, pag. 982 – 1001
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** 6 (5-6) (1999), pag. 573 – 580
259. Chen, Y., On singularities of threefold weighted blowups. **J. Math. Soc. Japan** 73 (2021), no. 4, pag. 1263 – 1276
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** 6 (5-6) (1999), pag. 573 – 580
260. Kanemitsu, A., Fano manifolds and stability of tangent bundles. **J. Reine Angew. Math.** 774 (2021), pag. 163 – 183
Citează: Ambro F., *Ladders on Fano varieties*, **J. Math. Sci. (New York)** 94 (1) (1999), pag. 1126 – 1135
261. X. Dong, Blow-up scenario for a generalized Camassa-Holm equation with both quadratic and cubic nonlinearity, **Applicable Analysis** 100 (2021), 1180–1197.
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** 14 (2007), 303–312.
262. J. Chu, J. Escher, Variational formulations of steady rotational equatorial waves, **Advances in Nonlinear Analysis** 10 (2021), 534–547.
Citează: D. Ionescu-Kruse, C.I. Martin, *Local Stability for an Exact Steady Purely Azimuthal Equatorial Flow*, **Journal of Mathematical Fluid Mechanics** 20 (2018), 27–34.
263. Y. Yang, Constant vorticity equatorial flows beneath surface solitary waves with centripetal forces, **Applicable Analysis** (2021), 1–10.
Citează: D. Ionescu-Kruse, C.I. Martin, *Local Stability for an Exact Steady Purely Azimuthal Equatorial Flow*, **Journal of Mathematical Fluid Mechanics** 20 (2018), 27–34.
264. K. Marynets, The modeling of the equatorial undercurrent using the Navier–Stokes equations in rotating spherical coordinates, **Applicable Analysis** 100 (2021), 2069–2077.

- Citează:* D. Ionescu-Kruse, C.I. Martin, *Local Stability for an Exact Steady Purely Azimuthal Equatorial Flow*, **Journal of Mathematical Fluid Mechanics** **20** (2018), 27–34.
265. J. Chu, J. Escher, Variational formulations of steady rotational equatorial waves, **Advances in Nonlinear Analysis** **10** (2021), 534–547.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **Journal of Mathematical Fluid Mechanics** **21** (2019), Art. No.: UNSP 19.
266. Q. Cai, K. Tan, J. Li. Bifurcations and exact traveling wave solutions for the regularized Schamel equation, **Open Mathematics** **19** (2021), 1699–1712.
Citează: D. Dutykh, D. Ionescu-Kruse, *Travelling wave solutions for some two-component shallow water models*, **J. Differential Equ.** **261** (2016), 1099–1114.
267. K. Marynets, The modeling of the equatorial undercurrent using the Navier–Stokes equations in rotating spherical coordinates, **Applicable Analysis** **100** (2021), 2069–2077.
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **J. Differential Equ.** **264** (2018), 4650–4668.
268. Y. Yang, Constant vorticity equatorial flows beneath surface solitary waves with centripetal forces, **Applicable Analysis** (2021), 1–10.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **Journal of Mathematical Fluid Mechanics** **21** (2019), Art. No.: UNSP 19.
269. N. Dummigan, S. Schönnenbeck, Automorphic Forms on Feit’s Hermitian Lattices, **Experimental Mathematics** **30** (2021), pag. 557 – 574
Citează: R. Gaba, A.A. Popa, *A generalization of Ramanujan’s congruence to modular forms of prime level*, **J. of Number Theory** **193** (2018), pag. 48 – 73
270. A. J. Best et al., Computing Classical Modular Forms. In: Balakrishnan, J.S., Elkies, N., Hassett, B., Poonen, B., Sutherland, A.V., Voight, J. (eds) **Arithmetic Geometry, Number Theory, and Computation**. Simons Symposia. Springer (2021), pag. 131 – 213
Citează: A.A. Popa, *On the trace formula for Hecke operators on congruence subgroups*, **Proc. Amer. Math. Soc.** **146** (2018), pag. 2749 – 2764
271. D. Chatzakos, P. Kurlberg, S. Lester, I. Wigman, On the distribution of lattice points on hyperbolic circles, **Algebra and Number Theory** **15** (2021), pag. 2357 – 2380
Citează: F.P. Boca, V. Pasol, A.A. Popa, A. Zaharescu, *Pair correlation of angles between reciprocal geodesics on the modular surface*, **Algebra and Number Theory** **8** (2014), pag. 999 – 1035
272. D. Chatzakos, P. Kurlberg, S. Lester, I. Wigman, On the distribution of lattice points on hyperbolic circles, **Algebra and Number Theory** **15** (2021), pag. 2357 – 2380
Citează: F.P. Boca, A.A. Popa, A. Zaharescu, *Pair correlation of hyperbolic lattice angles*, **Int. J. Number Theory** **10** (2014), pag. 1955 – 1989

273. Dimitrios Chatzacos, Pär Kurlberg. Stephen Lester, Igor Wigman, On the distribution of lattice points on hyperbolic circles, **Algebra Number Theory** **15** (2021), pag. 2357 – 2380
*Citează:*F. P. Boca, V. Paşol, A. A. Popa, and A. Zaharescu *Pair correlation of angles between reciprocal geodesics on the modular surface*, **Algebra Number Theory** **8** (2014), pag. 999 – 1035
274. Adrian Diaconu, Ian Whitehead. On the third moment of $L(\frac{1}{2}, \chi_d)$ $\{II\}$: the number field case, **J. Eur. Math. Soc.** **23** (2021), pag. 2051–2070
*Citează:*A. Diaconu, V. Paşol *Moduli of hyperelliptic curves and multiple Dirichlet series*, preprint **arXiv:1808.09667** (2018)
275. Masaki Kato, Differential Algebraicity of the Multiple Elliptic Gamma Function for a Rational Period, **Funkcialaj Ekvacioj** **64** (2021), pag. 225 – 235
*Citează:*V. Paşol, W. Zudilin *A study of elliptic gamma function and allies*, **Res. Math. Sci.** **5** (2018)
276. Masaki Kato, Differential Algebraicity of the Multiple Elliptic Gamma Function for a Rational Period, **Funkcialaj Ekvacioj** **64** (2021), pag. 225 – 235
*Citează:*V. Paşol, W. Zudilin *A study of elliptic gamma function and allies*, **Res. Math. Sci.** **5** (2018)
277. Steffen Löbrich and Markus Schwagenscheidt, Arithmetic properties of Fourier coefficients of meromorphic modular forms, **Algebra Number Theory** **15** (2021), pag. 2381 – 2401
*Citează:*V. Paşol, W. Zudilin *Magnetic (Quasi-)Modular Forms*, **Nagoya Math. J.** **248**(2022), pag. 849 – 864

2 Citări apărute în 2022

1. T. Miyazaki, M. Sudo, N. Terai, A purely exponential Diophantine equation in three unknowns, **Period. Math. Hungar.** **84** (2022), pag. 287–298
Citează: M. Cipu, M. Mignotte *On a conjecture on exponential Diophantine equations*, **Acta Arith.** **140** (2009), 251–270
2. N. Adžaga, A. Filipin, Y. Fujita, The extension of the $D(-k)$ -pair $\{k, k + 1\}$ to a quadruple, **Period. Math. Hungar.** **85** (2022), pag. 148–163
Citează: M. Cipu, Y. Fujita *Bounds for Diophantine quintuples*, **Glas. Math. Ser. III** **50** (2015), pag. 25–34
3. N. Adžaga, A. Filipin, A. Togbé, The extension of the $D(-k)$ -triple $\{1, k, k + 1\}$ to a quadruple, **Acta Math. Hungar.** **166** (2022), pag. 407–422
Citează: M. Cipu, Y. Fujita, M. Mignotte *Two-parameter families of uniquely extendable Diophantine triples*, **Science in China, Mathematics** **61** (2018), pag. 421–438
4. N. Adžaga, A. Filipin, Y. Fujita, The extension of the $D(-k)$ -pair $\{k, k + 1\}$ to a quadruple, **Period. Math. Hungar.** **85** (2022), pag. 148–163
Citează: N.C. Bonciocat, M. Cipu, M. Mignotte *There is no Diophantine $D(-1)$ -quadruple*, **J. London Math. Soc.** **105** (2022), pag. 63–99

5. S. E. Rihane, F. Luca, A. Togbé, There are no Diophantine quadruples of Pell numbers, **Intern. J. Number Theory** **18** (2022), pag. 27–45
Citează: M. Cipu, Y. Fujita, T. Miyazaki On the number of extensions of a Diophantine triple, Internat. J. Number Theory **14** (2018), no. 3, pag. 899–917
6. N. Adžaga, A. Filipin, A. Togbé *The extension of the $D(-k)$ -triple $\{1, k, k + 1\}$ to a quadruple*, **Acta Math. Hungar.** **166** (2022), pag. 407–422
Citează: M. Cipu, Y. Fujita, T. Miyazaki On the number of extensions of a Diophantine triple, Internat. J. Number Theory **14** (2018), no. 3, pag. 899–917
7. B. Debojyoti, On initialized and ACM line bundles over a smooth sextic surface in \mathbf{P}^3 , **Commun. Algebra** **50** (2022), pag. 5314–5344
Citează: F. Chindea ACM line bundles on elliptic ruled surfaces, Manuscripta Math. **161** (2020), pag. 213 – 222
8. A. Ghadermarzi, On the exceptional solutions of Jeśmanowicz’ conjecture, **Bull. Iran. Math. Soc.** **48** (2022), pag. 933–949
Citează: M. Cipu, M. Mignotte On a conjecture on exponential Diophantine equations, Acta Arith. **140** (2009), pag. 251–270
9. V. Pandichelvi, S. Saranya, Perpetuation of eminent forms of 2-tuples into 3-tuples interlacing some k -polygonal numbers with appropriate properties, **Int. J. Math. Trends Tech.** **68** (2022), pag. 167–176
Citează: M. Cipu, A. Filipin, Y. Fujita An infinite two-parameter family of Diophantine triples, Bull. Malay. Math. Soc. **43** (2020), pag. 481–498
10. A. Pascadi, Computer-assisted proofs of congruences for multipartitions and divisor function convolutions, based on methods of differential algebra, **The Ramanujan Journal** **57** (2022), 1–36
Citează: N.C. Bonciocat Congruences for the convolution of divisor sum function, Bull. Greek. Math. Soc. **47** (47) (2003), pag. 19–29
11. N. C. Bonciocat, M. Cipu, M. Mignotte, There is no Diophantine $D(-1)$ -quadruple, **J. London Math. Soc.** **105** (2022), pag. 63–99
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte On $D(-1)$ -quadruples, Publ. Mat. **56** (2012), pag. 279–304
12. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421–439
Citează: N. C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte Irreducibility criteria for sums of two relatively prime polynomials, IJNT **9** (2013), pag. 1529–1539
13. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421–439
Citează: A.I. Bonciocat, N.C. Bonciocat, A. Zaharescu On the irreducibility of polynomials that take a prime power value, Bull. Math. Soc. Sci. Math. Roumanie **54** (2011), pag. 41–54
14. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421–439

- Citează:* N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte *Some Pólya-type irreducibility criteria for multivariate polynomials*, **Comm. Algebra** **40** (2012), pag. 3733–3744
15. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421–439
Citează: N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte *Irreducibility criteria for sums of two relatively prime multivariate polynomials*, **Publ. Math. Debrecen** **87** (2015), pag. 255–267
 16. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421–439
Citează: N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte *Irreducibility criteria for compositions of polynomials with integer coefficients*, **Monatsh. Math.** **182** (2017), pag. 499–512
 17. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421–439
Citează: N.C. Bonciocat, A. Zaharescu *Irreducibility multivariate polynomials obtained from polynomials in fewer variables*, **J. Pure Appl. Algebra** **212** (2008), pag. 2338–2343
 18. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421–439
Citează: N.C. Bonciocat, A. Zaharescu *Irreducibility multivariate polynomials obtained from polynomials in fewer variables, II*, **Proc. Indian Acad. Sci. (Math. Sci.)** **121** (2011), pag. 133–141
 19. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65 (113) 2** (2022), pag. 149–180
Citează: A.I. Bonciocat, N.C. Bonciocat, *A Capelli type theorem for multiplicative convolutions of polynomials*, **Math. Nachr.** **281** (2008), pag. 1240–1253
 20. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65 113** (2022), pag. 149–180
Citează: A.I. Bonciocat, N.C. Bonciocat, M. Cipu, *Irreducibility criteria for compositions and multiplicative convolutions of polynomials with integer coefficients*, **An. Șt. Univ. Ovidius Constanța** **22** (2014), pag. 73–84
 21. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65 (113) 2** (2022), pag. 149–180
Citează: A.I. Bonciocat, N.C. Bonciocat, A. Zaharescu, *On the number of factors of convolutions of polynomials with integer coefficients*, **Rocky Mountain J. Math.** **38** (2008), pag. 417–431
 22. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65 (113) 2** (2022), pag. 149–180

- Citează:* N.C. Bonciocat, *Upper bounds for the number of factors for some classes of polynomials with rational coefficients*, **Acta Arith.** **113** (2004), pag. 175–187
23. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65 (113) 2** (2022), pag. 149–180
Citează: N.C. Bonciocat, *An irreducibility criterion for the sum of two relatively prime polynomials*, **Funct. Approx. Comment. Math.** **54** (2016), pag. 163–171
24. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65 (113) 2** (2022), pag. 149–180
Citează: N.C. Bonciocat, *Irreducibility criteria for compositions of multivariate polynomials*, **Acta Math. Hungar.** **156** (2018), pag. 172–181
25. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65 (113) 2** (2022), pag. 149–180
Citează: N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte *Some Pólya-type irreducibility criteria for multivariate polynomials*, **Comm. Algebra** **40** (2012), pag. 3733–3744
26. C.M. Bonciocat, N.C. Bonciocat, Zero-free angular sectors and lens-shaped regions for polynomials with applications to irreducibility, **Comm. Algebra** **50** (2022), pag. 2604–2620
Citează: A.I. Bonciocat, N.C. Bonciocat *The irreducibility of polynomials that have one large coefficient and take a prime value*, **Canad. Math. Bull.** **52** (2009), pag. 511–520
27. C.M. Bonciocat, N.C. Bonciocat, Zero-free angular sectors and lens-shaped regions for polynomials with applications to irreducibility, **Comm. Algebra** **50** (2022), pag. 2604–2620
Citează: A.I. Bonciocat, N.C. Bonciocat, A. Zaharescu *On the irreducibility of polynomials that take a prime power value*, **Bull. Math. Soc. Sci. Math. Roumanie** **54** (2011), pag. 41–54
28. R. Moghimipor, On the Cohen-Macaulayness of Bracket Powers of Generalized Mixed Product Ideals, **Acta Math. Vietnam.** **47** (2022), pag. 709 – 718
Citează: C. Ionescu, G. Rinaldo - *Some algebraic invariants related to mixed product ideals*, **Arch. Math.** **91** (2008), pag. 20 – 30
29. T. Murayama, A uniform treatment of Grothendieck’s localization problem, **Compos. Math.**, **158** (2022), pag. 57 – 88
Citează: A. Brezuleanu, C. Ionescu - *On the localization theorems and completion of P-rings*, **Rev. Roumaine Math. Pures Appl** **29** (1984), pag. 371 – 380
30. T. Murayama, A uniform treatment of Grothendieck’s localization problem, **Compos. Math.**, **158** (2022), pag. 57 – 88
Citează: C. Ionescu - *Sur les anneaux aux fibres formelles géométriquement régulières en codimension n* , **Rev. Roumaine Math. Pures Appl** **31** (1986), pag. 599 – 603

31. T. Murayama, A uniform treatment of Grothendieck's localization problem, **Compos. Math.**, **158** (2022), pag. 57 – 88
Citează: C. Ionescu - Cohen-Macaulay fibres of a morphism, Atti Accad. Peloritana Pericolanti Cl. Sci. Fis.Mat. Natur. **86** (2008), pag. 1 – 9
32. S. Tabejamaat, Sequentially Cohen-Macaulay modules, **Math. Rep.** **24** (2022), pag. 453 – 459
Citează: C. Ionescu - More properties of almost Cohen-Macaulay rings, J. Commut. Algebra **7** (2015), pag. 363 – 372
33. S. Tabejamaat, Sequentially Cohen-Macaulay modules, **Math. Rep.** **24** (2022), pag. 453 – 459
Citează: C. Ionescu, S. Tabejamaat - Tensor products and direct limits of almost Cohen-Macaulay modules, J. Algebra Appl. **17** (2018), 1850221
34. A. Mota, I. Tezaur, G. Philipot, The Schwarz alternating method for transient solid dynamics, **Inter. J. Numer. Meth. Eng.**, **123** (2022), pag. 5036 – 5071
Citează: L. Badea, On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems, SIAM J. Numer. Anal., **28** (1991), pag. 179 – 204
35. N. Naceur, M. Khenissi, J.R. Roche, Numerical solution of nonlinear differential boundary value problems using adaptive non-overlapping domain decomposition method, **Appl. Anal.** **101** (2022), pag. 2044 – 2065
Citează: L. Badea, On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems, SIAM J. Numer. Anal., **28** (1991), pag. 179 – 204
36. S. Otmani, S. Boulaaras and A. Allahem, The Maximum Norm Analysis of a Nonmatching Grids Method for a Class of Parabolic $p(x)$ -Laplacian Equation, **Bol. Soc. Par. Mat.** **40** (2022), pag. 1 – 13
Citează: L. Badea, On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems, SIAM J. Numer. Anal., **28**, **1** (1991), pag. 179 – 204
37. S. C. Brenner, L.-Y. Sung, K. Wang, Additive Schwarz preconditioners for C^0 interior penalty methods for the obstacle problem of clamped Kirchhoff plates, **Numerical Methods for Partial Differential Equations**, **38** (2022), pag. 102 – 117
Citează: L. Badea, J. Wang, An Additive Schwarz method for variational inequalities, Math. of Comp., **69**, **232** (2000), 1341 – 1354
38. S. C. Brenner, L.-Y. Sung, K. Wang, Additive Schwarz preconditioners for C^0 interior penalty methods for the obstacle problem of clamped Kirchhoff plates, **Numerical Methods for Partial Differential Equations**, **38** (2022), pag. 102 – 117
Citează: L. Badea, X.-C. Tai, J. Wang, Convergence rate analysis of a multiplicative Schwarz method for variational inequalities, SIAM J. Numer. Anal., **41** (2003), pag. 1052 – 1073
39. J. He, S. Vong, Fast modulus-based matrix splitting iteration methods for implicit complementarity problems, **Applied Numerical Mathematics**, **182** (2022), pag. 28 – 41
Citează: L. Badea, X.-C. Tai, J. Wang, Convergence rate analysis of a multiplicative

- Schwarz method for variational inequalities*, **SIAM J. Numer. Anal.**, **41**, **3** (2003), pag. 1052 – 1073
40. J. He, H. Zheng, S. Vong, Improved Inexact Alternating Direction Methods for a Class of Nonlinear Complementarity Problems, **East Asian Journal on Applied Mathematics** **12**, **1** (2022), pag. 125 – 144
Citează: L. Badea, X.-C. Tai, J. Wang, Convergence rate analysis of a multiplicative Schwarz method for variational inequalities, **SIAM J. Numer. Anal.**, **41**, **3** (2003), pag. 1052 – 1073
41. J. Park, Additive Schwarz Methods for Convex Optimization with Backtracking, **Computers & Mathematics with Applications**, **113**, **1** (2022), pag. 332 – 344
Citează: L. Badea, X.-C. Tai, J. Wang, Convergence rate analysis of a multiplicative Schwarz method for variational inequalities, **SIAM J. Numer. Anal.**, **41**, **3** (2003), pag. 1052 – 1073
42. K. Huang, S. Huang, Q. Jiang, Y. Liu, Experimental and Mechanism Study of Superheated SAGD vs. Conventional SAGD Technique: A Cost-Effective Scheme for Superheated SAGD, **Geofluids**, **6** (2022), article 1966959
Citează: L. Badea, P. Daripa, A domain embedding method using the optimal distributed control and a fast algorithm, **Numerical Algorithms**, **36** (2004), pag. 95 – 112
43. M. Krause, T.D. Pallicity, T. Böhlke, Exact second moments of strain for composites with isotropic phases, **European Journal of Mechanics - A/Solids**, **97**, **2023** (2023), article 104806
Citează: R. Brenner, O. Castelnau, L. Badea, Mechanical field fluctuations in polycrystals estimated by homogenization techniques, **Proc. R. Soc. Lond. A**, **460** (2004), pag. 3589–3612
44. Z. Sekkate, A. Aboutajeddine and A. Seddouki, Elastoplastic mean-field homogenization: recent advances review **echanics of Advanced Materials and Structures**, **29**, **3** (2022), pag. 449 – 474
Citează: R. Brenner, O. Castelnau, L. Badea, Mechanical field fluctuations in polycrystals estimated by homogenization techniques, **Proc. R. Soc. Lond. A**, **460** (2004), pag. 3589–3612
45. G. Trego, J.C. Brachet, V. Vandenberghe, L. Portier, L. G´el´ebart , R. Chosson, J. Soulacroix, S. Forest Conceptualization, A.-F. Gourgues-Lorenzon, Influence of grain size on the high-temperature creep behaviour of M5Framatome zirconium alloy under vacuum, **Journal of Nuclear Materials**, **560** (2022), article 153503
Citează: R. Brenner, O. Castelnau, L. Badea, Mechanical field fluctuations in polycrystals estimated by homogenization techniques, **Proc. R. Soc. Lond. A**, **460** (2004), pag. 3589–3612
46. E. Andruchow, Operators which Preserve a Positive Definite Inner Product, **Integral Equations and Operator Theory** **94**(3) (2022)
Citează: P. Cojuhari, A. Gheondea: On lifting of operators to Hilbert spaces induced by positive selfadjoint operators, **Journal of Mathematical Analysis and Applications** **304**(2005), 584–598.

47. E. Andruchow, Operators which Preserve a Positive Definite Inner Product, **Integral Equations and Operator Theory** **94(3)** (2022)
Citează: T. Constantinescu and A. Gheondea: *Representation of Hermitian kernels by means of Kreĭn spaces*, **Publ. Res. Inst. Math. Sci. of Kyoto University** **33** (1997), 917–951.
48. E. Andruchow, Operators which Preserve a Positive Definite Inner Product, **Integral Equations and Operator Theory** **94(3)** (2022)
Citează: Gr. Arsene and A. Gheondea: *Completing matrix contractions*, **Journal of Operator Theory** **7** (1982), 179–189.
49. C.Y. Zhang, P. Wang, H.X. Cao, Channel-based coherence of quantum states, **International Journal of Quantum Information** **20 (06)** (2022), September.
Citează: A. Arias, A. Gheondea, and S. Gudder: *Fixed points of quantum operations*, **Journal of Mathematical Physics** **43 (12)**(2002), 5872–5881.
50. F. Sakuldee, P. Taranto, S. Milz, Connecting commutativity and classicality for multitime quantum processes, **Physical Review A** **106** (2022), August.
Citează: A. Arias, A. Gheondea, and S. Gudder: *Fixed points of quantum operations*, **Journal of Mathematical Physics** **43**(2002), 5872–5881.
51. F. Sakuldee, L. Cywinski, Statistics of projective measurement on a quantum probe as a witness of noncommutativity of algebra of a probed system, **Quantum Information Processing** **21 (7)** (2022), July 16
Citează: A. Arias, A. Gheondea, and S. Gudder: *Fixed points of quantum operations*, **Journal of Mathematical Physics** **43 (12)**(2002), 5872–5881.
52. S. Chun, I.H. Kim, J.W. Kim, J. Yoon, Contractive symmetric matrix completion problems related to graphs, **Linear and Multilinear Algebra** (2022), April
Citează: Gr. Arsene and A. Gheondea: *Completing matrix contractions*, **Journal of Operator Theory** **7** (1982), 179–189.
53. S. Ay: Automatic Boundedness of Adjointable Operators on Barreled VH-Spaces, **Complex Analysis and Operator Theory**, **16 (1)** (2022), Article 17
Citează: S. Ay, A. Gheondea: *Representations of *-semigroups associated to invariant kernels with values adjointable operators*, **Linear Algebra Appl.** **486** (2015), 361–388.
54. S. Ay: Automatic Boundedness of Adjointable Operators on Barreled VH-Spaces, **Complex Analysis and Operator Theory**, **16 (1)** (2022), Article 17
Citează: S. Ay, A. Gheondea: *Representations of *-semigroups associated to invariant kernels with values continuously adjointable operators*, **Integr. Equ. Oper. Theory** **87** (2017) 263–307.
55. S. Ay: Automatic Boundedness of Adjointable Operators on Barreled VH-Spaces, **Complex Analysis and Operator Theory**, **16 (1)** (2022), Article 17
Citează: S. Ay, A. Gheondea: *Invariant weakly positive semidefinite kernels with values in topologically ordered *-spaces*, **Stud. Math.** **248** (2019), 255–294.
56. S. Ay: Automatic Boundedness of Adjointable Operators on Barreled VH-Spaces, **Complex Analysis and Operator Theory**, **16 (1)** (2022), Article 17

- Citează:* A. Gheondea: *Dilations of some VH-spaces operator valued kernels*, **IntegralEqu.Oper.Theory** **74** (2012), 451–479.
57. S. Ay: Automatic Boundedness of Adjointable Operators on Barreled VH-Spaces, **Complex Analysis and Operator Theory**, **16** (1) (2022), Article 17
Citează: A. Gheondea: *Operator models for Hilbert locally C^* -modules* **Oper.Matrices** **11** (3) (2017) 639–667.
58. L. Lilleberg: Factorizations of generalized Schur functions and products of passive systems, **Methods of Functional Analysis and Topology** **28** (1) (2022) pag. 66–88.
Citează: T. Constantinescu and A. Gheondea: *The Schur algorithm and coefficient characterizations for generalized Schur classes*, **Proceedings Amer. Math. Soc.** **128** (9)(2000), 2705–2713.
59. R.A. Rashwan, H.A. Hammad, A. Nafea: A new contribution in fuzzy cone metric spaces by strong fixed point techniques with supportive application **Journal of Intelligent Fuzzy Systems** **42** (4) (2022), pag. 3923–3943
Citează: A. Arias, A. Gheondea, and S. Gudder: *Fixed points of quantum operations*, **Journal of Mathematical Physics** **43** (12)(2002), 5872–5881.
60. H.A. Hammad, H. Aydi, M. De la Sen, M: New contributions for tripled fixed point methodologies via a generalized variational principle with applications, **Alexandriai Engineering Journal** **61** (4) (2022), 2687–2696
Citează: A. Arias, A. Gheondea, and S. Gudder: *Fixed points of quantum operations*, **Journal of Mathematical Physics** **43** (12)(2002), 5872–5881.
61. J. Park, Additive Schwarz Methods for Convex Optimization with Backtracking, **Computers & Mathematics with Applications**, **113**, 1 (2022), pag. 332 – 344
Citează: L. Badea, *Convergence rate of a Schwarz multilevel method for the constrained minimization of nonquadratic functionals*, **SIAM J. Numer. Anal.**, **44**, 2 (2006), pag. 449 – 477
62. Y. Bi, L. Shan, H. Zhang, New decoupled method for the evolutionary dual-porosity-Stokes model with Beavers-Joseph interface conditions, **Applied Numerical Mathematics**, **175**, (2022), pag. 73 – 97
Citează: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, 2 (2010), pag. 195 – 227
63. L. Cao, Y. He and J. Li, A Parallel Robin–Robin Domain Decomposition Method based on Modified Characteristic FEMs for the Time-Dependent Dual-porosity-Navier–Stokes Model with the Beavers–Joseph Interface Condition, **Journal of Scientific Computing** **90**(1), **90**, 16 (2022), pag. 2 – 34
Citează: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, 2 (2010), pag. 195 – 227
64. G. Du, L. Zuo, Local and parallel partition of unity scheme for the mixed Navier-Stokes-Darcy problem, **Numerical Algorithms**, **91** (2022), pag. 635 – 650
Citează: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, 2 (2010), pag. 195 – 227

65. Y. Gao, D. Han, X. He, U. Rde, Unconditionally stable numerical methods for Cahn-Hilliard-Navier-Stokes-Darcy system with different densities and viscosities, **Journal of Computational Physics**, **454** (2022), article 110968
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227
66. W. Gong, M. Mateos, J. Singler, Y. Zhang, Analysis and approximations of Dirichlet boundary control of Stokes flows in the energy space, **SIAM Journal on Numerical Analysis**, **60**, **1** (2022), pag. 450–474
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227
67. J. Hou, D. Hu, X. He, C. Qiu, Modeling and a Robin-type decoupled finite element method for dual-porosity–Navier–Stokes system with application to flows around multi-stage fractured horizontal wellbore, **Computer Methods in Applied Mechanics and Engineering**, **388**, **1** (2022), article 114248
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227
68. Y. Hou, D. Xue, Numerical analysis of two-grid decoupling finite element scheme for Navier-Stokes/Darcy model, **Computers & Mathematics with Applications**, **113** (2022), pag. 45 – 51
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227
69. J. Li, X. Wang, Md. A. Al Mahbub, H. Zheng, Z. Chen, Local and parallel efficient BDF2 and BDF3 rotational pressure-correction schemes for a coupled Stokes/Darcy system, **Journal of Computational and Applied Mathematics**, **412**, **1** (2022), article 1143262022
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227
70. Y. Liu, Y. Boubendir, X. He, Y. He, New Optimized Robin–Robin Domain Decomposition Methods using Krylov Solvers for the Stokes–Darcy System, **SIAM Journal on Scientific Computing**, **44**, **4** (2022)
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227
71. A. Lozovskiy, M. Olshanskii, Y. Vassilevski, A finite element scheme for the numerical solution of the Navier–Stokes/Biot coupled problem, **Russian Journal of Numerical Analysis and Mathematical Modelling**, **37**, **3** (2022), pag. 159 – 174
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227
72. Y. Mabrouki, J. Satouri, Spectral Discretization of Darcy Equations Coupled with Navier-Stokes Equations by Vorticity-Velocity-Pressure Formulation, **Applications of Mathematics**, **67** (2022), pag. 445 – 470
Citeaz: L. Badea, M. Discacciati, A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195 – 227

73. Y. Yang, P. Huang, Defect-deferred correction method for the non-stationary coupled Stokes/Darcy model, **Filomat**, **36**, **1** (2022), pag. 15 – 29
Citează: L. Badea, M. Discacciati, A. Quarteroni, Mathematical analysis of the Navier-Stokes/Darcy coupling, Numer. Math., 115, 2 (2010), pag. 195 – 227
74. Y. Yang, P. Huang, A sensitivity study of the artificial viscosity in defect deferred correction method for the coupled Stokes/Darcy model, **Mathematical Communications**, **27**, **2** (2022), page 187 – 202
Citează: L. Badea, M. Discacciati, A. Quarteroni, Mathematical analysis of the Navier-Stokes/Darcy coupling, Numer. Math., 115, 2 (2010), pag. 195 – 227
75. Z. Yang, X. Li, X. He, J. Ming, A stochastic collocation method based on sparse grids for a stochastic Stokes-Darcy model, **Discrete and Continuous Dynamical Systems - Series S**, **2022**, **15**, **4** (2022), pag. 893 – 912
Citează: L. Badea, M. Discacciati, A. Quarteroni, Mathematical analysis of the Navier-Stokes/Darcy coupling, Numer. Math., 115, 2 (2010), pag. 195 – 227
76. Z. Yang, J. Ming, C. Qiu, M. Li, X. He, A Multigrid Multilevel Monte Carlo Method for Stokes–Darcy Model with Random Hydraulic Conductivity and Beavers–Joseph Condition, **Journal of Scientific Computing**, **90** (2022), article 68
Citează: L. Badea, M. Discacciati, A. Quarteroni, Mathematical analysis of the Navier-Stokes/Darcy coupling, Numer. Math., 115, 2 (2010), pag. 195 – 227
77. L. Yingzhi, Y. Boubendir, X. He, Y. He, New Optimized Robin–Robin Domain Decomposition Methods using Krylov Solvers for the Stokes–Darcy System, **SIAM Journal on Scientific Computing**, **44**, **4** (2022), pag. B1068-B1095
Citează: L. Badea, M. Discacciati, A. Quarteroni, Mathematical analysis of the Navier-Stokes/Darcy coupling, Numer. Math., 115, 2 (2010), pag. 195 – 227
78. O. Baiz, H. Benaissa, Finite element approximation and numerical analysis of thermo-electroelastic frictional contact problem with frictional heating, **Computational and Applied Mathematics**, **41** (2022), article 145
Citează: L. Badea, R. Krause, One- and two-level Schwarz methods for inequalities of the second kind and their application to frictional contact, Numer. Math., 120, 4 (2012), pag. 573 – 599
79. S. C. Brenner, L.-Y. Sung, K. Wang, Additive Schwarz preconditioners for C^0 interior penalty methods for the obstacle problem of clamped Kirchhoff plates, **Numerical Methods for Partial Differential Equations**, **38**, **1** (2022), pag. 102 – 117
Citează: L. Badea, R. Krause, One- and two-level Schwarz methods for inequalities of the second kind and their application to frictional contact, Numer. Math., 120, 4 (2012), pag. 573 – 599
80. J. Park, Additive Schwarz Methods for Convex Optimization with Backtracking, **Computers & Mathematics with Applications**, **113**, **1** (2022), pag. 332 – 344
Citează: L. Badea, R. Krause, One- and two-level Schwarz methods for inequalities of the second kind and their application to frictional contact, Numer. Math., 120, 4 (2012), pag. 573 – 599

81. C. Schwab, A. Stein, Deep solution operators for variational inequalities via proximal neural networks, **Research in the Mathematical Sciences**, **9, 3** (2022), article 36
Citează: L. Badea, Convergence rate of some hybrid multigrid methods for variational inequalities, Journal of Numerical Mathematics, **23, 3** (2015), pag. 195 – 210
82. J. Park, Additive Schwarz Methods for Convex Optimization with Backtracking, **Computers & Mathematics with Applications**, **113, 1** (2022), pag. 332 – 344
Citează: L. Badea, One- and two-level additive methods for variational and quasi-variational inequalities of the second kind, Preprint series of the Institute of Mathematics of the Romanian Academy, nr. **5** (2010)
83. J. Stelzig, On linear combinations of cohomological invariants of compact complex manifolds, **Adv. Math. Vol. 407** (2022), 108560
Citează: A. Otiman, M. Toma, Hodge decomposition for Cousin groups and for Oeljeklaus-Toma manifolds, Annali della Scuola Normale Superiore die Pisa - Classe di Scienze, **22 (2)** (2022), pag. 485–503.
84. J. Stelzig, On linear combinations of cohomological invariants of compact complex manifolds, **Adv. Math. Vol. 407** (2022), 108560
Citează: N. Istrati, A. Otiman, De Rham and twisted cohomology of Oeljeklaus-Toma manifolds, Annales de l’Institut Fourier, **69(2)** (2019), 2037-2066.
85. O. Esen, M. de León, M. Lainz, C. Sardón, M. Zając, Reviewing the geometric Hamilton–Jacobi theory concerning Jacobi and Leibniz identities, **Journal of Physics A: Mathematical and Theoretical**, vol. **55** (2022), 1-63
Citează: A. Otiman, M. Stanciu, Darboux-Weinstein theorem for locally conformally symplectic manifolds, Journal of Geometry and Physics, **111 C** (2017), pag. 1-5.
86. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie 65(113)** (2022), pag. 149 – 180
Citează: M. Cavachi, M. Vâjâitu, A. Zaharescu A class of irreducible polynomials, J. Ramanujan Math. Soc. **17** (2002), pag. 161 – 172
87. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie 65(113)** (2022), pag. 149 – 180
Citează: M. Cavachi, M. Vâjâitu, A. Zaharescu An irreducibility criterion for polynomials in several variables, Acta Math. Univ. Ostrav. **12** (2004), pag. 13 – 18
88. V. Alexandru, C. Cobeli, M. Vâjâitu, A. Zaharescu, Statistical distribution of Fermat quotients, **Chaos, Solitons and Fractals 161**, (2022), 112335, pag. 1 – 6
Citează: C. Cobeli, M. Vâjâitu, A. Zaharescu Distribution of gaps between the inverses mod q , Proc. Edinburgh Math. Soc. **46** (2003), pag. 185 – 203
89. V. Alexandru, C. Cobeli, M. Vâjâitu, A. Zaharescu, Statistical distribution of Fermat quotients, **Chaos Solitons Fractals 161**, (2022), 112335, pag. 1 – 6
Citează: C. Cobeli, M. Vâjâitu, A. Zaharescu Average estimates for the number of tuples of inverses mod p in short intervals, Bull. Math. Soc. Sci. Math. Roumanie **43(91)** (2000), pag. 155 – 164

90. E. Alkan, Discretization of prime counting functions, convexity and the Riemann hypothesis, **Czech. Math. J** (2022)
Citează: C. Cobeli, L. Panaitopol, M. Vâjăitu, A. Zaharescu Some asymptotic formulas involving primes in arithmetic progressions, Comment. Math. Univ. St. Pauli 53 (2004), pag. 23 – 35
91. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421 – 439
Citează: M. Cavachi, M. Vâjăitu, A. Zaharescu An irreducibility criterion for polynomials in several variables, Acta Math. Univ. Ostrav. 12 (2004), pag. 13 – 18
92. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2022), pag. 421 – 439
Citează: M. Cavachi, M. Vâjăitu, A. Zaharescu A class of irreducible polynomials, J. Ramanujan Math. Soc. 17 (2002), pag. 161 – 172
93. A. Malik, N. Prabhu, Equidistribution of αp^β with a Chebotarev condition and applications to extremal primes, **J. Mathematika** **68** (2022), pag. 595 – 6191
Citează: Z. Rudnick, P. Sarnak, A. Zaharescu The distribution of spacings between the fractional parts of $n^2\alpha$, Invent. Math. 145 (2001), pag. 37 – 57
94. S. Chaubey, N. Yesha, The distribution of spacings of real-valued lacunary sequences modulo one, **J. Mathematika** **68** (2022), pag. 416 – 428
Citează: Z. Rudnick, P. Sarnak, A. Zaharescu The distribution of spacings between the fractional parts of $n^2\alpha$, Invent. Math. 145 (2001), pag. 37 – 57
95. C. Lutsko, Long-range correlations of sequences modulo 1, **J. Number Theory** **234** (2022), pag. 333 – 348
Citează: Z. Rudnick, P. Sarnak, A. Zaharescu The distribution of spacings between the fractional parts of $n^2\alpha$, Invent. Math. 145 (2001), pag. 37 – 57
96. G. Hammarhjelm, The density and minimal gap of visible points in some planar quasicrystals, **Discrete Math.** **345** (2022), pag. 1 – 22
Citează: F. P. Boca, C. Cobeli, A. Zaharescu Distribution of lattice points visible from the origin, Comm. Math. Phys. 213 (2000), pag. 433 – 470
97. S. Martineau, On coprime percolation, the visibility graphon, and the local limit of the GCD profile, **Electron. Commun. Probab.** **27** (2022), pag. 1 – 14
Citează: F. P. Boca, C. Cobeli, A. Zaharescu Distribution of lattice points visible from the origin, Comm. Math. Phys. 213 (2000), pag. 433 – 470
98. E. Nart, Rigidity of valuative trees under henselization, **Pacific J. Math.** **319** (2022), pag. 189 – 211
Citează: V. Alexandru, N. Popescu, A. Zaharescu A theorem of characterization of residual transcendental extensions of a valuation, J. Math. Kyoto Univ. 28 (1988), pag. 579 – 592
99. A. Dutta, On the ranks and implicit constant fields of valuations induced by pseudo monotone sequences, **J. Pure Appl. Algebra** **226** (2022), pag. 1 – 25

- Citează:* V. Alexandru, N. Popescu, A. Zaharescu *A theorem of characterization of residual transcendental extensions of a valuation*, **J. Math. Kyoto Univ.** **28** (1988), pag. 579 – 592
100. J. A. Novacoski, C. H. Silva de Souza, On truncations of valuations, **J. Pure Appl. Algebra** **226** (2022), pag. 1 – 20
Citează: V. Alexandru, N. Popescu, A. Zaharescu *A theorem of characterization of residual transcendental extensions of a valuation*, **J. Math. Kyoto Univ.** **28** (1988), pag. 579 – 592
101. M. dos Santos Barnabe, Matheus; J. Novacoski, Valuations on $K[x]$ approaching a fixed irreducible polynomial, **J. Algebra** **592** (2022), pag. 100 – 117
Citează: V. Alexandru, N. Popescu, A. Zaharescu *A theorem of characterization of residual transcendental extensions of a valuation*, **J. Math. Kyoto Univ.** **28** (1988), pag. 579 – 592
102. E. Nart, Rigidity of valuative trees under henselization, **Pacific J. Math.** **319** (2022), pag. 189 – 211
Citează: V. Alexandru, N. Popescu, A. Zaharescu *Minimal pairs of definition of a residual transcendental extension of a valuation*, **J. Math. Kyoto Univ.** **30** (1990), pag. 207 – 225
103. J. A. Novacoski, C. H. Silva de Souza, On truncations of valuations, **J. Pure Appl. Algebra** **226** (2022), pag. 1 – 20
Citează: V. Alexandru, N. Popescu, A. Zaharescu *Minimal pairs of definition of a residual transcendental extension of a valuation*, **J. Math. Kyoto Univ.** **30** (1990), pag. 207 – 225
104. G. Mazzuca, On the mean density of states of some matrices related to the beta ensembles and an application to the Toda lattice. **J. Math. Phys.** **63** (2022): 043501.
Citează: I. Popescu *General tridiagonal random matrix models, limiting distributions and fluctuations*, **Probability th. rel. fields** (2009), pag. 179-220
105. Fiol, Bartomeu, and Alan Rios Fukelman. "On the planar free energy of matrix models." **Journal of High Energy Physics** 2022.2 (2022): 1-22.
Citează: Garoufalidis, Stavros, and Ionel Popescu. *Analyticity of the planar limit of a matrix model*. **Annales Henri Poincaré**. Vol. 14. No. 3. SP Birkhäuser Verlag Basel, 2013.
106. Fiol, Bartomeu, and Alan Rios Fukelman. "On the planar free energy of matrix models." **Journal of High Energy Physics** 2022 (2022): 1-22.
Citează: Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu *Naive bayes with correlation factor for text classification problem* **18th IEEE International Conference On Machine Learning And Applications (ICMLA)**, pp. 1051-1056. IEEE, 2019.
107. Junaid, Muhammad, Adnan Sohail, Monagi H. Alkinani, Adeel Ahmed, Mehmood Ahmed, and Faisal Rehman. "Enhancing Cloud Performance Using File Format Classifications." **CMC-COMPUTERS MATERIALS & CONTINUA** 70, no. 2 (2022): 3985-4007.
Citează: Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu

- Naive bayes with correlation factor for text classification problem* **18th IEEE International Conference On Machine Learning And Applications (ICMLA)**, pp. 1051-1056. IEEE, 2019.
108. Tongal, Hakan, and Martijn J. Booij. "Simulated annealing coupled with a Naive Bayes model and base flow separation for streamflow simulation in a snow dominated basin." **Stochastic Environmental Research and Risk Assessment** (2022): 1-24.
Citează: Chen, Jiangning, Zhibo Dai, Juntao Duan, Heinrich Matzinger, and Ionel Popescu. *Improved Naive Bayes with optimal correlation factor for text classification* **SN Applied Sciences** 1, no. 9 (2019): 1-10.
109. Mehra, Amir Hossein Amiri, Mohsen Shafieirad, Zohreh Abbasi, and Iman Zamani. "Stability Analysis of a New Switched SEIAR-Vac-Iso Epidemic Model for the COVID-19." In **2021 29th Iranian Conference on Electrical Engineering (ICEE)**, pp. 726-730. IEEE, 2021.
Citează: Petrica, Marian, Radu D. Stochitoiu, Marius Leordeanu, and Ionel Popescu *A regime switch analysis on Covid-19 in Romania*, **Scientific Reports**(2022), 12 (1), 1-15
110. J. A. Novacoski, C. H. Silva de Souza, On truncations of valuations, **J. Pure Appl. Algebra** **226** (2022), pag. 1 – 20
Citează: V. Alexandru, N. Popescu, A. Zaharescu *All valuations on $K(X)$* , **J. Math. Kyoto Univ.** **30** (1990), pag. 281 – 296
111. C. Lutsko, Farey sequences for thin groups, **Int. Math. Res. Not. IMRN** **15** (2022), pag. 11642 – 11689
Citează: M. Xiong, A. Zaharescu *A problem of Erdos-Szusz-Turan on Diophantine approximation*, **Acta Arith.** **125** (2006), pag. 163 – 177
112. Alberto F. Boix, Gert–Martin Greuel, Dmitry Kerner, Pairs of Lie-type and large orbits of group actions on filtered modules (A characteristic-free approach to finite determinacy), **Math. Z.** **301**,(2022), pag. 2415–2463
Citează: G.Pfister, D. Popescu, Die strenge Approximationseigenschaft lokaler Ringe, **Invent. Math.** **30**, (1975), pag. 145-174.
113. Alberto F. Boix, Gert–Martin Greuel, Dmitry Kerner, Pairs of Lie-type and large orbits of group actions on filtered modules (A characteristic-free approach to finite determinacy), **Math. Z.** **301**,(2022), pag. 2415–2463
Citează: H. Kurke, T. Mostowski, G.Pfister, M.Roczen, Die Approximationseigenschaft lokaler Ringe, **Lect. Notes in Math.** **634**, (1978), Springer ,Berlin.
114. Alberto F. Boix, Gert–Martin Greuel, Dmitry Kerner, Pairs of Lie-type and large orbits of group actions on filtered modules (A characteristic-free approach to finite determinacy), **Math. Z.** **301**,(2022), pag. 2415–2463
Citează: D. Popescu, Artin approximation, in **Handbook of Algebra**, vol. **2**, Ed. M.Hazewinkel, (2000), Elsevier Science, pag. 321-356.
115. K Česnavičius, Problems About Torsors over Regular Rings, **Acta Math. Vietnam.** **47** (2022), pag. 39–107
Citează: D. Popescu *Polynomial rings and their projective modules*, **Nagoya Math. J.** **113**, (1989), pag. 121–128,

116. K Česnavičius, Problems About Torsors over Regular Rings, **Acta Math. Vietnam.** **47** (2022), pag. 39–107
Citează: D. Popescu Letter to the editor: “General Néron desingularization and approximation”, **Nagoya Math. J.** **118**, (1990), pag. 45-53,
117. K Česnavičius, Problems About Torsors over Regular Rings, **Acta Math. Vietnam.** **47** (2022), pag. 39–107
Citează: D. Popescu Around general Neron desingularization **J. Algebra Appl.** **16**, (2017), 1750072
118. K Česnavičius, Problems About Torsors over Regular Rings, **Acta Math. Vietnam.** **47** (2022), pag. 39–107
Citează: D. Popescu On a question of Swan, **Algebr. Geom** **6**, (2019), pag. 716–729
119. F Binda, K Rülling, S Saito, On the cohomology of reciprocity sheaves, **Forum of Mathematics, Sigma**, **10:e72**, (2022), pag. 1–111
Citează: D. Popescu General Néron desingularization and approximation, **Nagoya Math. J.** **104**, (1986), pag. 85-115.
120. J Ayoub, M Gallauer, A Vezzani, The six-functor formalism for rigid analytic motives, **Forum of Mathematics, Sigma**, **10:e61**, (2022), pag. 1-182
Citează: D. Popescu General Néron desingularization and approximation, **Nagoya Math. J.** **104**, (1986), pag. 85-115.
121. K Rülling, R Sugiyama, T Yamazaki, Tensor structures in the theory of modulus presheaves with transfers, **Math. Z.** **300**, (2022), pag. 929-977.
Citează: D. Popescu General Néron desingularization and approximation, **Nagoya Math. J.** **104**, (1986), pag. 85-115.
122. R Fedorov, On the Grothendieck–Serre conjecture on principal bundles in mixed characteristic, **Trans. Amer. Math. Soc.** **376**, (2022), pag. 559-586
Citează: D. Popescu General Néron desingularization and approximation, **Nagoya Math. J.** **104**, (1986), pag. 85-115.
123. A Stavrova, A1-invariance of non-stable K1-functors in the equicharacteristic case, **Indag. Math.** **33**, (2022), pag. 323-333
Citează: D. Popescu Letter to the editor: “General Néron desingularization and approximation”, **Nagoya Math. J.** **118**, (1990), pag. 45-53,
124. K Chakraborty, RA Rao, On a theorem of Keune **J. Pure Appl. Algebra** **226**, (2022), article 106874
Citează: D. Popescu General Néron desingularization and approximation, **Nagoya Math. J.** **104**, (1986), pag. 85-115.
125. A. Iarrobino, P. M. Marques, C. McDaniel, Artinian algebras and Jordan type, **J. Comput. Algebra** **14**, (2022), pag. 365-414
Citează: D. Popescu, The strong Lefschetz property and certain complete intersection extensions, **Bull. Math. Soc. Sc. Math. Roumanie**, **48**, (2005), pag. 421-431.

126. MMS Shahid, M Ishaq, A Jirawattanapanit, Depth and Stanley depth of the edge ideals of multi triangular snake and multi triangular ouroboros snake graphs, **AIMS Mathematics**, **7(9)**, (2022), pag. 16449–16463.
Citează: D. Popescu, M. Qureshi, Computing the Stanley depth (with Muhammad Qureshi, **J. Algebra**, **323**, (2010), pag. 2943-2959.
127. L Amata, M Crupi, A Ficarra, Projective dimension and Castelnuovo–Mumford regularity of s -spread ideals, **Int. J. Algebra** **32**, (2022), pag. 837-858
Citează: J. Herzog, D. Popescu, M. Vladoiu, Stanley depth and size of a monomial ideal, **Proc. Amer. Math. Soc.**, **140**, (2012), pag. 493-504,
128. A. Dimca, G. Sticlaru, Jacobian syzygies, Fitting ideals, and plane curves with maximal global Tjurina numbers, **Collect. Math.** **73**, (2022), pag.391–409.
Citează: A. Dimca, D. Popescu, Hilbert series and Lefschetz properties of dimension one almost complete intersections, **Comm. Algebra** **44**, (2016), pag. 4467-4482,
129. G. Caviglia, A hyperplane restriction theorem and applications to reductions of ideals, **Proc. Amer. Math. Soc.** **9**, (2022), pag. 325-335
Citează: J. Herzog, D. Popescu, Hilbert functions and generic forms, **Compos. Math.** **113** (1998), pag. 1-22.
130. I Panin, A Purity Theorem for Quadratic Spaces, **J. Math. Sci.** **261** , (2022),
Citează: D. Popescu *General Néron desingularization and approximation*, **Nagoya Math. J.** **104**, (1986), pag. 85-115.
131. A Assarrar, N Mahdou, Ü Tekir, S Koç, On graded coherent-like properties in trivial ring extensions, **Boll. UMI** **15**, (2022), pag. 437-449,
Citează: D. Popescu *General Néron desingularization*, **Nagoya Math. J.** **100**, (1985), pag. 97-126.
132. G Caviglia, A De Stefani, E Sbarra On the notion of sequentially Cohen–Macaulay modules **Res. Math. Sci.** **9**, (2022), Article number: 40.
Citează: J. Herzog, D. Popescu Finite filtrations of modules and shellable multicomplexes, **Manuscripta Math.** **121**, (2006), pag. 385-410.
133. R. Iglesias, E. Sáenz-de-Cabezón, Cellular structure of the Pommaret-Seiler resolution for quasi-stable ideals, **Applicable Algebra in Engineering, Communication and Computing** **33**, issue 5, (2022),
Citează: J. Herzog, D. Popescu, M. Vladoiu, On the Ext-modules of ideals of Borel type, in **Commutative Algebra, Interactions with Algebraic Geometry**, Eds: L. Avramov et al, **Contemporary Math.** **331**, AMS, Providence, 2003, 171-186.
134. A. Iqbal, M. Ishaq, Depth and Stanley depth of the quotient rings of edge ideals of some lobster trees and unicyclic graphs, **Turkish J. Math.** **46**, (2022),
Citează: I. Anwar, D. Popescu, Stanley Conj in small embeddings dimension, **J. Algebra** **318**, (2007), 1027-1031,
135. A. Iqbal, M. Ishaq, Depth and Stanley depth of the quotient rings of edge ideals of some lobster trees and unicyclic graphs, **Turkish J. Math.** **46**, (2022),
Citează: D. Popescu, An inequality between depth and Stanley depth, **Bull. Math. Soc. Sc. Math. Roumanie** **52**, (2009), 377-382,

136. O. Celikbas, U. Le, H. Matsui, An Extension of a Depth Inequality of Auslander, **Taiwanese J. Math.**, **26**, (2022), pag. 903–926
Citează: J. Herzog, D. Popescu, Thom-Sebastiani problems for maximal Cohen-Macaulay modules, **Math. Ann.** **309**, (1997), pag. 677–700.
137. M Reza-Rahmati, G Flores, Graded Linearity of Stanley–Reisner Ring of Broken Circuit Complexes, **J. Math.**, **2022**, Article ID 1806967, (2022)
Citează: D. Popescu, Criteria for shellable multicomplexes, **Ann. St. Univ. Ovidius, Constanta**, **14**, (2006), pag. 73–84.
138. O’Loughlin, Ryan, Symbols of compact truncated Toeplitz operators, **J. Math. Anal. Appl.** **507** (2022), no. 2, Paper No. 125819, 10 pp.
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
139. O’Loughlin, Ryan, Matrix-valued truncated Toeplitz operators: unbounded symbols, kernels and equivalence after extension, **Integral Equations Operator Theory** **94** (2022), no. 1, Paper No. 5, 20 pp.
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
140. Câmara, M. Cristina; Kliś-Garlicka, Kamila; Łanucha, Bartosz; Ptak, Marek, Intertwining property for compressions of multiplication operators, **Results Math.** **77** (2022), no. 4, Paper No. 140, 20 pp
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
141. Zhao, Xi; Yu, Tao, Unitary equivalence to truncated Hankel operators, **Turkish J. Math.** **46** (2022), no. 6, 2366–2376
Citează: Chevrot, Nicolas; Fricain, Emmanuel; Timotin, Dan, *The characteristic function of a complex symmetric contraction*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2877–2886.
142. Agler, Jim; Kosiński, Łukasz; McCarthy, John E., Norm preserving extensions of holomorphic functions defined on varieties in \mathbb{C}^n . **J. Funct. Anal.** **283** (2022), no. 9, Paper No. 109636, 39 pp.
Citează: Ambrozie, C.-G.; Timotin, D., *A von Neumann type inequality for certain domains in \mathbb{C}^n* , **Proc. Amer. Math. Soc.** **131** (2003), no. 3, 859–869.
143. Popescu, Gelu, Operator theory on noncommutative polydomains, I, **Complex Anal. Oper. Theory** **16** (2022), Paper No 50, 101pp
Citează: Timotin, D., *Regular dilations and models for multicontractions*, **Indiana Univ. Math. J.** **47** (1998), pag. 671–684.
144. Popescu, Gelu, Operator theory on noncommutative polydomains, II, **J. Math. Anal. Appl.** **517** (2023), Paper No 126577, 46pp

- Citează:* Timotin, D., *Regular dilations and models for multicontractions*, **Indiana Univ. Math. J.** **47** (1998), pag. 671–684.
145. Barik, Sibaprasad; Das, B. Krishna, Isometric dilations of commuting contractions and Brehmer positivity, **Complex Anal. Oper. Theory** **16** (2022), no. 5, Paper No. 69, 25 pp.
Citează: Timotin, D., *Regular dilations and models for multicontractions*, **Indiana Univ. Math. J.** **47** (1998), pag. 671–684.
146. Yang, Xiaoyuan; Li, Ran; Yang, Yixin; Lu, Yufeng, Finite-rank and compact defect operators of truncated Toeplitz operators, **J. Math. Anal. Appl.** **510** (2022), no. 2, Paper No. 126032, 26 pp.
Citează: Chalendar, Isabelle; Timotin, Dan, *Commutation relations for truncated Toeplitz operators*, **Oper. Matrices** **8** (2014), pag. 877–888.
147. Yang, Xiaoyuan; Lu, Yufeng; Yang, Yixin, Compact commutators of truncated Toeplitz operators on the model space, **Ann. Funct. Anal.** **13** (2022), no. 3, Paper No. 49, 21 pp.
Citează: Chalendar, Isabelle; Timotin, Dan, *Commutation relations for truncated Toeplitz operators*, **Oper. Matrices** **8** (2014), pag. 877–888.
148. Ko, Eungil; Lee, Ji Eun, On quasinormality of the dilation of truncated Toeplitz operators, **Math. Inequal. Appl.** **25** (2022), no. 3, 679–690
Citează: Chalendar, Isabelle; Timotin, Dan, *Commutation relations for truncated Toeplitz operators*, **Oper. Matrices** **8** (2014), pag. 877–888.
149. Accardi, Luigi; Lu, Yun Gang, The quantum moment problem for a classical random variable and a classification of interacting Fock spaces, **Infin. Dimens. Anal. Quantum Probab. Relat. Top.** **25** (2022), no. 1, Paper No. 2250003, 41 pp.
Citează: Bercovici, H.; Collins, B.; Dykema, K.; Li, W. S.; Timotin, D., *Intersections of Schubert varieties and eigenvalue inequalities in an arbitrary finite factor*, **J. Funct. Anal.** **258** (2010), no. 5, 1579–1627.
150. Cassier, Gilles; Benharrat, Mohammed, Harnack parts for some truncated shifts, **Linear Multilinear Algebra** **70** (2022), no. 5, 974–992
Citează: Ando, T.; Suciu, I.; Timotin, D., *Characterization of some Harnack parts of contractions*, **J. Operator Theory** **2** (1979), no. 2, 233–245.
151. Zhao, Xi; Yu, Tao, Unitary equivalence to truncated Hankel operators, **Turkish J. Math.** **46** (2022), no. 6, 2366–2376
Citează: Strouse, E.; Timotin, D.; Zarrabi, M., *Unitary equivalence to truncated Toeplitz operators*, **Indiana Univ. Math. J.** **61** (2012), no. 2, 525–538.
152. O’Loughlin, Ryan, Symbols of compact truncated Toeplitz operators, **J. Math. Anal. Appl.** **507** (2022), no. 2, Paper No. 125819, 10 pp.
Citează: Chalendar, Isabelle; Fricain, Emmanuel; Timotin, Dan, *A survey of some recent results on truncated Toeplitz operators*, **Contemp. Math.**, **679** (2016), pag. 59–77.
153. Câmara, M. Cristina; O’Loughlin, Ryan; Partington, Jonathan R., Dual-band general Toeplitz operators, **Mediterr. J. Math.** **19** (2022), no. 4, Paper No. 175, 24 pp.

- Citează:* Chalendar, Isabelle; Fricain, Emmanuel; Timotin, Dan, *A survey of some recent results on truncated Toeplitz operators*, **Contemp. Math.**, **679** (2016), pag. 59–77.
154. Qiu, Yanqi; Wang, Zipeng, Hyper-positive definite functions I: Scalar case, branching-type stationary stochastic processes, **J. Funct. Anal.** **282** (2022), no. 1, Paper No. 109266, 45 pp.
Citează: Bakonyi, M.; Timotin, D., *Extensions of positive definite functions on free groups*, **J. Funct. Anal.** **246** (2007), no. 1, 31–49.
155. Burton, Peter; Juschenko, Kate, The extension problem in free harmonic analysis, **Ann. Funct. Anal.** **13** (2022), no. 3, Paper No. 43, 27 pp.
Citează: Bakonyi, M.; Timotin, D., *Extensions of positive definite functions on free groups*, **J. Funct. Anal.** **246** (2007), no. 1, 31–49.
156. Popescu, Gelu, Operator theory on noncommutative polydomains, I, **Complex Anal. Oper. Theory** **16** (2022), Paper No 50, 101pp
Citează: Benhida, Chafiq; Timotin, Dan, *Automorphism invariance properties for certain families of multioperators*, **Operator theory live, 5–15, Theta Ser. Adv. Math.**, **12**, Theta, Bucharest, 2010.
157. Popescu, Gelu, Operator theory on noncommutative polydomains, II, **Complex Anal. Oper. Theory** **16** (2022), Paper No 50, 101pp
Citează: Benhida, Chafiq; Timotin, Dan, *Automorphism invariance properties for certain families of multioperators*, **Operator theory live, 5–15, Theta Ser. Adv. Math.**, **12**, Theta, Bucharest, 2010.
158. Dey, Pankaj; Mukherjee, Mithun, Generalized Halmos conjectures and constrained unitary dilations, **Adv. Oper. Theory** **7** (2022), no. 4, Paper No. 56, 24 pp.
Citează: Benhida, Chafiq; Gorkin, Pamela; Timotin, Dan, *Numerical ranges of $C_0(N)$ contractions*, **Integral Equations Operator Theory** **70** (2011), no. 2, 265–279.
159. Moslehian, Mohammad Sal, Vector-valued reproducing kernel Hilbert C^* -modules, **Complex Anal. Oper. Theory** **16** (2022), no. 1, Paper No. 2, 17 pp.
Citează: Kumari, Rani; Sarkar, Jaydeb; Sarkar, Srijan; Timotin, Dan, *Factorizations of kernels and reproducing kernel Hilbert spaces*, **Integral Equations Operator Theory** **87** (2017), 225–244.
160. Popescu, Gelu, Wold decompositions for representations of C^* -algebras associated with noncommutative varieties, **J. Operator Theory** **87** (2022), no. 1, 41–81
Citează: Benhida, Chafiq; Timotin, Dan, *Some automorphism invariance properties for multicontractions*, **Indiana Univ. Math. J.** **56** (2007), no. 1, 481–499.
161. Cămara, M. Cristina; O’Loughlin, Ryan; Partington, Jonathan R., Dual-band general Toeplitz operators, **Mediterr. J. Math.** **19** (2022), no. 4, Paper No. 175, 24 pp.
Citează: Timotin, Dan, *Schur coupling and related equivalence relations for operators on a Hilbert space*, **Linear Algebra Appl.** **452** (2014), 106–119.
162. Dey, Pankaj; Mukherjee, Mithun, Generalized Halmos conjectures and constrained unitary dilations, **Adv. Oper. Theory** **7** (2022), no. 4, Paper No. 56, 24 pp.
Citează: Bercovici, Hari; Timotin, Dan, *The numerical range of a contraction with finite defect numbers*, **J. Math. Anal. Appl.** **417** (2014), no. 1, 42–56.

163. C amara, M. Cristina; O’Loughlin, Ryan; Partington, Jonathan R., Dual-band general Toeplitz operators, **Mediterr. J. Math.** **19** (2022), no. 4, Paper No. 175, 24 pp.
Citeaz a: Khan, Rewayat; Timotin, Dan. *Matrix valued truncated Toeplitz operators: basic properties*, **Complex Anal. Oper. Theory** **12** (2018), pag. 997–1014.
164. O’Loughlin, Ryan, Matrix-valued truncated Toeplitz operators: unbounded symbols, kernels and equivalence after extension, **Integral Equations Operator Theory** **94** (2022), no. 1, Paper No. 5, 20 pp.
Citeaz a: Khan, Rewayat; Timotin, Dan. *Matrix valued truncated Toeplitz operators: basic properties*, **Complex Anal. Oper. Theory** **12** (2018), pag. 997–1014.
165. Cassier, Gilles; Benharrat, Mohammed, Harnack parts for some truncated shifts, **Linear Multilinear Algebra** **70** (2022), no. 5, 974–992
Citeaz a: Badea, Catalin; Suciuc, Laurian; Timotin, Dan, *Classes of contractions and Harnack domination*, **Rev. Mat. Iberoam.** **33** (2017), no. 2, 469–488.
166. Gu, Caixing; Luo, Shuaibing, Invariant subspaces of the direct sum of forward and backward shifts on vector-valued Hardy spaces, **J. Funct. Anal.** **282** (2022), no. 9, Paper No. 109419, 31 pp.
Citeaz a: Timotin, Dan, *The invariant subspaces of $S \oplus S^*$* , **Concr. Oper.** **7** (2020), no. 1, 116–123.
167. Bolourchian, Elahe; Kakavandi, Bijan Ahmadi, The exponential of quasi block-Toeplitz matrices, **Acta Math. Sci. Ser. B (Engl. Ed.)** **42** (2022), no. 3, 1018–1034
Citeaz a: Khan, Muhammad Ahsan; Timotin, Dan, *Algebras of block Toeplitz matrices with commuting entries*, **Linear Multilinear Algebra** **69** (2021), no. 14, 2702–2716.
168. I. Adnan, M. Ishaq, Depth and Stanley depth of the quotient rings of edge ideals of some lobster trees and unicyclic graphs, **Turkish J. Math.** **46**, no.5 (2022), pag 1886–1896
Citeaz a: M. Cimpoea s, *Several inequalities regarding Stanley depth* **Rom. J. Math. Comput. Sci.** **2**, no. 1 (2012), pag. 28–40
169. D. Stamate, On the occurrence of complete intersections in shifted families of numerical semigroups, **Res. Math. Sci.** **9**, no. 2 (2022), Paper No. 32, 5 pp.
Citeaz a: M. Cimpoea s, D. Stamate, *On intersections of complete intersection ideals* **J. Pure Appl. Algebra** **220** (2016), pag. 3702–3712.
170. N. Kiran, An algebraic approach to q-partial fractions and Sylvester denumerants, **Ramanujan J.** **59**(2022), pag. 671–712.
Citeaz a: M. Cimpoea s, F. Nicolae, *On the restricted partition function*, **Ramanujan J.** **47** (2018), pag. 565–588.
171. MMS. Shahid, M. Ishaq, A. Jirawattanapanit, K. Subkrajang, Depth and Stanley depth of the edge ideals of multi triangular snake and multi triangular ouroboros snake graphs **AIMS Mathematics** **7** (2022), pag. 16449–16463.
Citeaz a: M. Cimpoea s, *Stanley depth of monomial ideals with small number of generators* **Cent. Eur. J. Math.** **7** (2009), pag. 629–634.
172. MMS. Shahid, M. Ishaq, A. Jirawattanapanit, K. Subkrajang, Depth and Stanley depth of the edge ideals of multi triangular snake and multi triangular ouroboros snake graphs

- AIMS Mathematics** **7** (2022), pag. 16449–16463.
Citează: M. Cimpoeaş, *On the Stanley depth of edge ideals of line and cyclic graphs* **Rom. J. Math. Comput. Sci.** **5** (2015), pag. 70–75.
173. MMS. Shahid, M. Ishaq, A. Jirawattanapanit, K. Subkrajang, Depth and Stanley depth of the edge ideals of multi triangular snake and multi triangular ouroboros snake graphs **AIMS Mathematics** **7** (2022), pag. 16449–16463.
Citează: M. Cimpoeaş, *Several inequalities regarding Stanley depth* **Rom. J. Math. Comput. Sci.** **2** (2012), pag. 28–40.
174. G. Zeng, MM. Munir, R. Farooki, M. Athar, J. B. Liu, Stanley Depth of the Edge Ideal of Extended Gear Networks and Application in Circuit Analysis **J. Math.**, 2022, Article ID 9706112 (2022), 8 pages.
Citează: M. Cimpoeaş, *Stanley depth of monomial ideals with small number of generators* **Cent. Eur. J. Math.** **7** (2009), pag. 629–634.
175. G. Zeng, MM. Munir, R. Farooki, M. Athar, J. B. Liu, Stanley Depth of the Edge Ideal of Extended Gear Networks and Application in Circuit Analysis **J. Math.**, 2022, Article ID 9706112 (2022), 8 pages.
Citează: M. Cimpoeaş, *On the Stanley depth of edge ideals of line and cyclic graphs* **Rom. J. Math. Comput. Sci.** **5** (2015), pag. 70–75.
176. G. Zeng, MM. Munir, R. Farooki, M. Athar, J. B. Liu, Stanley Depth of the Edge Ideal of Extended Gear Networks and Application in Circuit Analysis **J. Math.**, 2022, Article ID 9706112 (2022), 8 pages.
Citează: M. Cimpoeaş, *Several inequalities regarding Stanley depth* **Rom. J. Math. Comput. Sci.** **2** (2012), pag. 28–40.
177. J. Choe S. Kwak, A matryoshka structure of higher secant varieties and the generalized Bronowski’s conjecture, **Adv. Math.** **406** (2022), pag. 108526
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lect. Series** **62** (2010), American Mathematical Society, Providence RI
178. J. Sheridan, Divisor Varieties of Symmetric Products **Int. Math. Res. Not. IMRN**, **2022** (2022), pag. 9830 – 9863
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lect. Series** **62** (2010), American Mathematical Society, Providence RI
179. G. Taylor, Asymptotic syzygies of secant varieties of curves **J. Pure Appl. Algebra** **226**, (2022) pag. 107139
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lect. Series** **62** (2010), American Mathematical Society, Providence RI
180. J. Park, Asymptotic vanishing of syzygies of algebraic varieties, **Commun. Amer. Math. Soc.** **2**, (2022) pag. 133 – 148
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lect. Series** **62** (2010), American Mathematical Society, Providence RI
181. D. Agostini, Asymptotic Syzygies and Higher Order Embeddings, **Int. Math. Res. Not. IMRN**, **2022** (2022), pag. 2934 – 2967

- Citează:* M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lect. Ser. 62** (2010), American Mathematical Society, Providence RI
182. M. Kemeny, Betti numbers of curves and multiple-point loci, **J. Pure Appl. Algebra** **226**, (2022) pag. 107090
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lect. Ser. 62** (2010), American Mathematical Society, Providence RI
183. M. Kemeny, Betti numbers of curves and multiple-point loci, **J. Pure Appl. Algebra** **226**, (2022) pag. 107090
Citează: M. Aprodu, *On the vanishing of higher syzygies of curves*, **Math. Z.** **241**, (2002) pag. 1 – 15
184. D. Agostini, Asymptotic Syzygies and Higher Order Embeddings, **Int. Math. Res. Not. IMRN**, **2022**, (2022), pag. 2934 – 2967
Citează: M. Aprodu, *On the vanishing of higher syzygies of curves*, **Math. Z.** **241**, (2002) pag. 1 – 15
185. M. Kemeny, Betti numbers of curves and multiple-point loci, **J. Pure Appl. Algebra** **226**, (2022) pag. 107090
Citează: M. Aprodu, *Remarks on syzygies of d -gonal curves*, **Math. Res. Lett.** **12**, (2005) pag. 387 – 400
186. M. Kemeny, Betti numbers of curves and multiple-point loci, **J. Pure Appl. Algebra** **226**, (2022) pag. 107090
Citează: M. Aprodu, G. Farkas, *Green’s Conjecture for smooth curves on arbitrary $K3$ surfaces*, **Compos. Math.** **147**, (2011) pag. 839 – 851
187. D. Agostini, Asymptotic Syzygies and Higher Order Embeddings, **Int. Math. Res. Not. IMRN**, **2022**, (2022), pag. 2934 – 2967
Citează: M. Aprodu, *Green–Lazarsfeld gonality conjecture for generic curves of odd genus*, **Int. Math. Res. Not. IMRN**, **2004**, (2004) pag. 3409 – 3416
188. D. Agostini, Asymptotic Syzygies and Higher Order Embeddings, **Int. Math. Res. Not. IMRN**, **2022**, (2022), pag. 2934 – 2967
Citează: M. Aprodu, C. Voisin, *Green-Lazarsfeld’s conjecture for generic curves of large gonality*, **C. R. Acad. Sci. Paris** **336**, (2003) pag. 335 – 339
189. J. Park, Asymptotic vanishing of syzygies of algebraic varieties, **Commun. Amer. Math. Soc.** **2**, (2022) pag. 133 – 148
Citează: M. Aprodu, G. Farkas, S. Papadima, C. Raicu, J. Weyman, *Koszul modules and Green’s conjecture*. **Invent. Math.** **218** (2019), pag. 657 – 720
190. G. Casnati, Special Ulrich bundles on regular surfaces with non-negative Kodaira dimension, **Manuscripta Math.** **167**, (2022) pag. 151 – 172
Citează: M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms and Ulrich bundles on $K3$ surfaces*, **J. Reine Angew. Math.** **730** (2017) pag. 225 – 249
191. R. Sebastian. A. Tripathib, Rank 2 Ulrich bundles on general double plane covers, **J. Pure Appl. Algebra**, **226**, (2022), pag. 106823

- Citează:* M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms and Ulrich bundles on K3 surfaces*, **J. Reine Angew. Math.** **730** (2017) pag. 225 – 249
192. D. Oprea, Big and Nef Tautological Vector Bundles over the Hilbert Scheme of Points, **Symmetry, Integrability and Geometry: Methods and Applications SIGMA** **18**, (2022), 061, 21 pages
Citează: M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms and Ulrich bundles on K3 surfaces*, **J. Reine Angew. Math.** **730** (2017) pag. 225 – 249
193. A. Hochenegger, On Ulrich bundles on projective bundles, **Beiträge Algebra Geom.** **63**, (2022) pag. 573 – 587
Citează: M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms and Ulrich bundles on K3 surfaces*, **J. Reine Angew. Math.** **730** (2017) pag. 225 – 249
194. A. Hochenegger, On Ulrich bundles on projective bundles, **Beiträge Algebra Geom.** **63**, (2022) pag. 573 – 587
Citează: M. Aprodu, L. Costa, R. M. Miró-Roig, *Ulrich bundles on ruled surfaces* **J. Pure Appl. Algebra** **222** (2018), pag. 131 – 138
195. A. Hochenegger, On Ulrich bundles on projective bundles, **Beiträge Algebra Geom.** **63**, (2022) pag. 573 – 587
Citează: M. Aprodu, S. Huh, F. Malaspina, J. Pons-Llopis, *Ulrich bundles on smooth projective varieties of minimal degree*, **Proc. Amer. Math. Soc.** **147**, (2019) pag. 5117 – 5129
196. V. Antonelli, F. Malaspina, H -instanton bundles on three-dimensional polarized projective varieties, **J. Algebra**, **598**, (2022) pag. 570 – 607
Citează: M. Aprodu, S. Huh, F. Malaspina, J. Pons-Llopis, *Ulrich bundles on smooth projective varieties of minimal degree*, **Proc. Amer. Math. Soc.** **147**, (2019) pag. 5117 – 5129
197. R. Sebastian. A. Tripathib, Rank 2 Ulrich bundles on general double plane covers, **J. Pure Appl. Algebra** **226**, (2022), pag. 106823
Citează: M. Aprodu, L. Costa, R. M. Miró-Roig, *Ulrich bundles on ruled surfaces* **J. Pure Appl. Algebra** **222** (2018), pag. 131 – 138
198. R. Sebastian. A. Tripathib, Rank 2 Ulrich bundles on general double plane covers, **J. Pure Appl. Algebra** **226**, (2022), pag. 106823
Citează: M. Aprodu, Y. Kim, *Ulrich line bundles on Enriques surfaces with a polarization of degree four*, **Ann. Univ. Ferrara**, **63**, (2017) pag. 9 – 23
199. Claudiu Raicu, Steven V Sam, Bi-graded Koszul modules, K3 carpets, and Green’s conjecture, **Compos. Math.** **158**, (2022) pag. 33 – 56
Citează: M. Aprodu, *Remarks on syzygies of d -gonal curves*, **Math. Res. Lett.** **12**, (2005) pag. 387 – 400
200. Claudiu Raicu, Steven V Sam, Bi-graded Koszul modules, K3 carpets, and Green’s conjecture, **Compos. Math.** **158**, (2022) pag. 33 – 56
Citează: M. Aprodu, G. Farkas, S. Papadima, C. Raicu, J. Weyman, *Koszul modules and Green’s conjecture*. **Invent. Math.** **218** (2019), pag. 657 – 720

201. Claudiu Raicu, Steven V Sam, Bi-graded Koszul modules, K3 carpets, and Green's conjecture, **Compos. Math.** **158**, (2022) pag. 33 – 56
Citează: M. Aprodu, G. Farkas, S. Papadima, C. Raicu, J. Weyman, *Topological invariants of groups and Koszul modules*, **Duke Math. J.**, **171**, (2022) pag. 2013 – 2046
202. A. Bud, A Hurwitz divisor on the moduli of Prym curves, **Geom. Dedicata** **216**, (2022) pag. 31
Citează: M. Aprodu, C. Voisin, *Green-Lazarsfeld's conjecture for generic curves of large gonality*, **C. R. Acad. Sci. Paris** **336**, (2003) pag. 335 – 339
203. E. McDowell, M. Wildon, Modular plethystic isomorphisms for two-dimensional linear groups, **J. Algebra**, **602**, (2022) pag. 441 – 483
Citează: M. Aprodu, G. Farkas, S. Papadima, C. Raicu, J. Weyman, *Koszul modules and Green's conjecture*. **Invent. Math.** **218** (2019), pag. 657 – 720
204. I. Biswas, A. Tomberg, On vector bundles over hyperkähler twistor spaces **Math. Z.** **300**, (2022) pag. 3143 – 3170
Citează: M. Aprodu, V. Brînzănescu, M. Toma, *Holomorphic vector bundles on primary Kodaira surfaces* **Math. Z.** **242**, (2002) pag. 63 – 73
205. S. Feyzbakhsh, An effective restriction theorem via wall-crossing and Mercat's conjecture, **Math. Z.** **301**, (2022) pag. 4175 – 4199
Citează: M. Aprodu, G. Farkas, A. Ortega, *Restricted Lazarsfeld–Mukai bundles and canonical curves* **Development of Moduli Theory—Kyoto 2013, Volume 69 of Advanced Studies in Pure Mathematics**, Mathematical Society Japan [Tokyo] (2016) pag. 303 – 322
206. S. Feyzbakhsh, An effective restriction theorem via wall-crossing and Mercat's conjecture, **Math. Z.** **301**, (2022) pag. 4175 – 4199
Citează: M. Aprodu, *Lazarsfeld–Mukai bundles and applications*, **Commutative Algebra**, (2013) Springer, New York pag 1 – 23
207. Dmitry Zakharov, Kirchoff's theorem for Prym varieties, **Forum of Mathematics, Sigma** **Vol. 10**, (2022) pag. 1 – 54
Citează: M. Aprodu and G. Farkas, *Green's conjecture for general covers*, **Compact Moduli Spaces and vector Bundles, Contemporary Mathematics, Vol. 564** (Amer. Math. Soc., Providence, RI, (2012) pag. 211 – 226
208. L. Filimon, On translated rank-2 Brill-Noether loci on regular surfaces, **Arch. Math.** **118**, (2022) pag. 271 – 281
Citează: M. Aprodu, V. Brînzănescu, *Stable rank-2 vector bundles over ruled surfaces*, **C. R. Math. Acad. Sci. Paris** **325(3)**, (1997) pag. 295 – 300
209. L. Filimon, On translated rank-2 Brill-Noether loci on regular surfaces, **Arch. Math.** **118**, (2022) pag. 271 – 281
Citează: M. Aprodu, V. Brînzănescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya Math. J.** **154**, (1999) pag. 111 – 122
210. A. Contiero, A. L. Fontes. J. Telesa, On the normal sheaf of Gorenstein curves, **Bull. Sci. Math.** **180**, (2022) pag. 103182

- Citează:* M. Aprodu, G. Farkas, A. Ortega, *Restricted Lazarsfeld–Mukai bundles and canonical curves* **Development of Moduli Theory—Kyoto 2013, Volume 69 of Advanced Studies in Pure Mathematics**, Mathematical Society Japan [Tokyo] (2016) pag. 303 – 322
211. J. Viu-Sos, An introduction to p-adic and motivic integration, zeta functions and invariants of singularities, **Contemp. Math.**, **778** (2022), pag. 103 – 176
Citează: M. González Villa, A. Libgober, L. Maxim *Motivic zeta functions and infinite cyclic covers*, **Contemp. Math.**, **712** (2018), pag. 117 – 141
212. E. Elduque, C. Geske, M. Herradón-Cueto, L. Maxim, B. Wang, Hodge theory on Alexander invariants – a survey, **Topology Appl.** **313** (2022), Paper No. 107981, 16 pp
Citează: L. Maxim, K. Wong, *Twisted Alexander invariants of complex hypersurface complements*, **Proc. Roy. Soc. Edinburgh Sect. A** **148** (2018), pag. 1049 – 1073
213. G. Codogni, T. Krämer, Semicontinuity of Gauss maps and the Schottky problem, **Math. Ann.** **382** (2022), pag. 607 – 630
Citează: E. Elduque, G. Geske, L. Maxim, *On the signed Euler characteristic property for subvarieties of abelian varieties*, **J. Singul.** **17** (2018), pag. 368 – 387
214. J. Viu-Sos, An introduction to p-adic and motivic integration, zeta functions and invariants of singularities, **Contemp. Math.**, **778** (2022), pag. 103 – 176
Citează: M. González Villa, A. Libgober, L. Maxim *Motivic infinite cyclic covers*, **Adv. Math.** **298** (2016), pag. 413 – 447
215. J. D. Silva, Equivariant Hodge-Deligne polynomials of symmetric products of algebraic groups, **Manuscripta Math.** **169** (2022), pag. 33 – 50
Citează: L. Maxim, J. Schürmann, *Plethysm and cohomology representations of external and symmetric products*, **Adv. Math.** **375** (2020), 107373, 54 pp.
216. L. Maxim, J. Rodriguez, B. Wang, A Morse theoretic approach to non-isolated singularities and applications to optimization, **J. Pure Appl. Algebra** **226** (2022), Paper No. 106865, 23 pp
Citează: L. Maxim, J. Rodriguez, B. Wang, *Defect of Euclidean distance degree*, **Adv. in Appl. Math.** **121** (2020), 102101, 22 pp.
217. G. Codogni, T. Krämer, Semicontinuity of Gauss maps and the Schottky problem, **Math. Ann.** **382** (2022), pag. 607 – 630
Citează: L. Maxim, *Intersection homology \mathcal{E} perverse sheaves. with applications to singularities*, **Graduate Texts in Mathematics**, **281** (2019), Springer, Cham
218. L. Maxim, L. Păunescu, M. Tibăr, The vanishing cohomology of non-isolated hypersurface singularities, **J. Lond. Math. Soc. (2)** **106** (2022), pag. 112 – 153
Citează: L. Maxim, *Intersection homology \mathcal{E} perverse sheaves. with applications to singularities*, **Graduate Texts in Mathematics**, **281** (2019), Springer, Cham
219. D. Siersma, M. Tibăr, Polar degree of hypersurfaces with 1-dimensional singularities, **Topology Appl.** **313** (2022), Paper No. 107992, 11 pp
Citează: L. Maxim, *Intersection homology \mathcal{E} perverse sheaves. with applications to singularities*, **Graduate Texts in Mathematics**, **281** (2019), Springer, Cham

220. L. Maxim, J. Rodriguez, B. Wang, A Morse theoretic approach to non-isolated singularities and applications to optimization, **J. Pure Appl. Algebra** **226** (2022), Paper No. 106865, 23 pp
Citează: L. Maxim, J. Rodriguez, B. Wang, *Euclidean distance degree of the multiview variety*, **SIAM J. Appl. Algebra Geom.** **4** (2020), pag. 28 – 48
221. E. Horobet, J. Rodriguez, Data loci in algebraic optimization, **J. Pure Appl. Algebra** **226** (2022), Paper No. 107144, 15 pp
Citează: L. Maxim, J. Rodriguez, B. Wang, *Euclidean distance degree of the multiview variety*, **SIAM J. Appl. Algebra Geom.** **4** (2020), pag. 28 – 48
222. M. González Villa, D. Jaramillo-Velez, L. Núñez-Betancourt, F-thresholds and test ideals of Thom-Sebastiani type polynomials, **Proc. Amer. Math. Soc.** **150** (2022), 3739 – 3755
Citează: L. Maxim, M. Saito, J. Schürmann, *Thom-Sebastiani theorems for filtered D -modules and for multiplier ideals*, **Int. Math. Res. Not. IMRN** **2020** (2020), pag. 91 – 111
223. S.-J. Jung, I.-K. Kim, M. Saito, Y. Yoon, Hodge ideals and spectrum of isolated hypersurface singularities, **Ann. Inst. Fourier (Grenoble)** **72** (2022), 465 – 510
Citează: L. Maxim, M. Saito, J. Schürmann, *Thom-Sebastiani theorems for filtered D -modules and for multiplier ideals*, **Int. Math. Res. Not. IMRN** **2020** (2020), pag. 91 – 111
224. S.-J. Jung, I.-K. Kim, M. Saito, Y. Yoon, Briançon-Skoda exponents and the maximal root of reduced Bernstein-Sato polynomials, **Selecta Math. (N.S.)** **28** (2022), Paper No. 78, 15 pp
Citează: L. Maxim, M. Saito, J. Schürmann, *Thom-Sebastiani theorems for filtered D -modules and for multiplier ideals*, **Int. Math. Res. Not. IMRN** **2020** (2020), pag. 91 – 111
225. J. Koncki, Comparison of motivic Chern classes and stable envelopes for cotangent bundles, **J. Topol.** **15** (2022), pag. 168 – 203
Citează: S. Cappell, L. Maxim, T. Ohmoto, J. Schürmann, S. Yokura, *Characteristic classes of Hilbert schemes of points via symmetric products*, **Geom. Topol.** **17** (2013), pag. 1165 – 1198
226. D. Anderson, L. Chen, N. Tarasca, Motivic classes of degeneracy loci and pointed Brill-Noether varieties, **J. Lond. Math. Soc. (2)** **105** (2022), pag. 1787 – 1822
Citează: S. Cappell, L. Maxim, T. Ohmoto, J. Schürmann, S. Yokura, *Characteristic classes of Hilbert schemes of points via symmetric products*, **Geom. Topol.** **17** (2013), pag. 1165 – 1198
227. A. Libgober, S. Yokura, Ranks of homotopy and cohomology groups for rationally elliptic spaces and algebraic varieties, **Homology Homotopy Appl.** **24** (2022), pag. 93 – 113
Citează: S. Cappell, A. Libgober, L. Maxim, J. Shaneson, *Hodge genera and characteristic classes of complex algebraic varieties*, **Electron. Res. Announc. Math. Sci.** **15** (2008), pag. 1 – 7

228. J. D. Silva, Equivariant Hodge-Deligne polynomials of symmetric products of algebraic groups, **Manuscripta Math.** **169** (2022), pag. 33 – 50
Citează: L. Maxim, J. Schürmann, *Twisted genera of symmetric products*, **Selecta Math. (N.S.)** **18** (2012), pag. 283 – 317
229. A. Libgober, S. Yokura, Ranks of homotopy and cohomology groups for rationally elliptic spaces and algebraic varieties, **Homology Homotopy Appl.** **24** (2022), pag. 93 – 113
Citează: L. Maxim, J. Schürmann, *Characteristic classes of singular toric varieties*, **Comm. Pure Appl. Math.** **68** (2015), pag. 2177 – 2236
230. D. Anderson, L. Chen, N. Tarasca, Motivic classes of degeneracy loci and pointed Brill-Noether varieties, **J. Lond. Math. Soc. (2)** **105** (2022), pag. 1787 – 1822
Citează: L. Maxim, J. Schürmann, *Characteristic classes of singular toric varieties*, **Comm. Pure Appl. Math.** **68** (2015), pag. 2177 – 2236
231. J. Koncki, A. Weber, Twisted motivic Chern class and stable envelopes, **Adv. Math.** **404** (2022), Paper No. 108374, 35 pp
Citează: L. Maxim, J. Schürmann, *Characteristic classes of singular toric varieties*, **Comm. Pure Appl. Math.** **68** (2015), pag. 2177 – 2236
232. D. Siersma, M. Tibăr, Polar degree of hypersurfaces with 1-dimensional singularities, **Topology Appl.** **313** (2022), Paper No. 107992, 11 pp
Citează: L. Maxim, M. Saito, J. Schürmann, *Hirzebruch-Milnor classes of complete intersections*, **Adv. Math.** **241** (2013), pag. 220 – 245
233. A. Libgober, S. Yokura, Ranks of homotopy and cohomology groups for rationally elliptic spaces and algebraic varieties, **Homology Homotopy Appl.** **24** (2022), pag. 93 – 113
Citează: S. Cappell, A. Libgober, L. Maxim, J. Shaneson, *Hodge genera of algebraic varieties. II*, **Math. Ann.** **345** (2009), pag. 925 – 972
234. B. Davison, T. Pădurariu, Deformed dimensional reduction, **Geom. Topol.** **26** (2022), 721 – 776
Citează: L. Maxim, M. Saito, J. Schürmann, *Symmetric products of mixed Hodge modules*, **J. Math. Pures Appl. (9)** **96** (2011), pag. 462 – 483
235. M. Green, Y.-J. Kim, R. Laza, C. Robles, The LLV decomposition of hyper-Kähler cohomology (the known cases and the general conjectural behavior), **Math. Ann.** **382** (2022), 1517 – 1590
Citează: L. Maxim, M. Saito, J. Schürmann, *Symmetric products of mixed Hodge modules*, **J. Math. Pures Appl. (9)** **96** (2011), pag. 462 – 483
236. A. Libgober, S. Yokura, Ranks of homotopy and cohomology groups for rationally elliptic spaces and algebraic varieties, **Homology Homotopy Appl.** **24** (2022), pag. 93 – 113
Citează: S. Cappell, L. Maxim, J. Shaneson, *Hodge genera of algebraic varieties. I.*, **Comm. Pure Appl. Math.** **61** (2008), pag. 422 – 449
237. L. Maxim, L. Păunescu, M. Tibăr, The vanishing cohomology of non-isolated hypersurface singularities, **J. Lond. Math. Soc. (2)** **106** (2022), pag. 112 – 153
Citează: L. Maxim, *Intersection homology and Alexander modules of hypersurface complements*, **Comm. Math. Helv.** **81** (2006), pag. 123 – 155.

238. E. Elduque, C. Geske, M. Herradón Cueto, L. Maxim, B. Wang, Hodge theory on Alexander invariants—a survey, **Topology Appl.** **313** (2022), Paper No. 107981, 16 pp
Citează: L. Maxim, *Intersection homology and Alexander modules of hypersurface complements*, **Comm. Math. Helv.** **81** (2006), pag. 123 – 155.
239. D.D. Tran, K. Ogata: Formal verification of TLS 1.2 by automatically generating proof scores, **Computers and Security** **123** (2022), pag. 102909
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
240. J. Meseguer, S. Skeirik: On Ground Convergence and Completeness of Conditional Equational Program Hierarchies, **WRLA 2022. Lecture Notes in Computer Science 13252**, Springer, Cham pag. 191–211.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
241. J. Meseguer: Checking Sufficient Completeness by Inductive Theorem Proving, **WRLA 2022. Lecture Notes in Computer Science 13252**, Springer, Cham pag. 171–190.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
242. A. Riesco, K. Ogata: An integrated tool set for verifying CafeOBJ specifications, **Journal of Systems and Software** **189** (2022) pag. 111302.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
243. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
244. D. D. Tran, K. Ogata: IPSG: Invariant Proof Score Generator, **2022 IEEE 46th Annual Computers, Software, and Applications Conference (COMPSAC)** (2022) pag. 1050–1055.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
245. Y. Kiouvrekis, T. Panagiotakopoulos, I. Ouranos, T. Filippopoulos: Artificial Intelligence, Big Data Analytics, and Smart Cities, In: **Fitsilis, P. (eds) Building on Smart Cities Skills and Competences. Internet of Things**, Springer, Cham pag. 315–326.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).

246. K. Futatsugi: Advances of proof scores in CafeOBJ, **Science of Computer Programming** **224** (2022) pag. 102893.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
247. M. Roggenbach, A. Cerone, B.H. Schlingloff, G. Schneider, S.A. Shaikh: Algebraic Specification in CASL, **Formal Methods for Software Engineering** (2022), Texts in Theoretical Computer Science, An EATCS Series, Springer, Cham pag. 201–258
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
248. A. Noetzli, H. Barbosa, A. Niemetz, M. Preiner, A. Reynolds, C. Barrett, C. Tinelli: Reconstructing Fine-Grained Proofs of Rewrites Using a Domain-Specific Language, In A. Griggio and N. Rungta (Eds.), **Proceedings of the 22nd Conference on Formal Methods in Computer-Aided Design – FMCAD 2022** (2022) pag. 65–74.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
249. M. Nakamura, S. Higashi, K. Sakakibara, K. Ogata: Specification and Verification of Multitask Real-Time Systems Using the OTS/CafeOBJ Method, **IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences** **E105(5)** (2022) pag. 823–832.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
250. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, J. Goguen, P. Stefaneas: *Logical support for modularization*, în **Logical Environments**, editori G. Huet și G. Plotkin, (1993) Cambridge Univ. Press, pag. 83–130.
251. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: R. Diaconescu, J. Goguen, P. Stefaneas: *Logical support for modularization*, în **Logical Environments**, editori G. Huet și G. Plotkin, (1993) Cambridge Univ. Press, pag. 83–130.
252. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
253. U. Wolter: Logics of Statements in Context-Category Independent Basics, **Mathematics** **10(7)** (2022) pag. 1085
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
254. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).

255. D. Găină, T. Kowalski: Lindström’s theorem, both syntax and semantics free, **Journal of Logic and Computation** **32(5)** (2022) pag. 942–975.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
256. R. Diaconescu: Permutation groups generated by γ -cycles, **Axioms** **11(10)** (2022) pag. 528
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
257. M. Roggenbach, A. Cerone, B.H. Schlingloff, G. Schneider, S.A. Shaikh: Algebraic Specification in CASL, **Formal Methods for Software Engineering** (2022), Texts in Theoretical Computer Science, An EATCS Series, Springer, Cham pag. 201–258
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
258. Y. Kiouvrekis, P. Stefaneas, I. Vandoulakis: On the Transformations of the Square of Opposition from the Point of View of Institution Model Theory, In: Beziau, J-Y., Vandoulakis, I. (eds) **The Exoteric Square of Opposition. Studies in Universal Logic** Birkhäuser (2022) pag. 277–301.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
259. J. Bergstra, J. Tucker: Partial arithmetical data types of rational numbers and their equational specification, **Journal of Logical and Algebraic Methods in Programming** **128** (2022) pag. 100797.
Citează: J. Goguen, R. Diaconescu: *An Oxford survey of order sorted algebra*, **Math. Struct. Comput. Sci.** **4(3)** (1994), pag. 363–392.
260. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** **285**, (2002) pag. 289–318.
261. D. Găină, T. Kowalski: Lindström’s theorem, both syntax and semantics free, **Journal of Logic and Computation** **32(5)** (2022) pag. 942–975.
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** **285**, (2002) pag. 289–318.
262. K. Futatsugi: Advances of proof scores in CafeOBJ, **Science of Computer Programming** **224** (2022) pag. 102893.
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** **285**, (2002) pag. 289–318.
263. R. Rubio, A. Riesco: Theorem Proving for Maude Specifications Using Lean. In: Riesco, A., Zhang, M. (eds) **Formal Methods and Software Engineering. ICFEM 2022. Lecture Notes in Computer Science** **13478** (2022) Springer, Cham, pag. 263–280.
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** **285**, (2002) pag. 289–318.
264. G. Aucher: On the Universality of Atomic and Molecular Logics via Protologics, **Log. Univers.** **16** (2022), pag. 285–322
Citează: T. Mossakowski, J. Goguen, R. Diaconescu, A. Tarlecki: *What is a Logic?*, în **Logica Universalis**, editor Jean-Yves Beziau, Birkhäuser (2005) pag. 113–133.
265. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: T. Mossakowski, J. Goguen, R. Diaconescu, A. Tarlecki: *What is a Logic?*, în **Logica Universalis**, editor Jean-Yves Beziau, Birkhäuser (2005) pag. 113–133.

266. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
267. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
268. R. Hennicker, A. Knapp: Specification of systems with parameterised events: An institution-independent approach, **Journal of Logical and Algebraic Methods in Programming** **128** (2022) pag. 100791
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
269. Breiding, Paul; Hodges, Reuven; Ikenmeyer, Christian; Michalek, Mateusz. *Equations for GL invariant families of polynomials*. Vietnam J. Math. 50 (2022), 545–556.
Citează: Oeding, Luke; Raicu, Claudiu. *Tangential varieties of Segre–Veronese varieties*, *Collectanea Mathematica* **65**, no. 3:303–330, 2014.
270. Holweck, Frédéric; Oeding, Luke. *Hyperdeterminants from the E_8 discriminant*. J. Algebra 593 (2022), 622–650.
Citează: Oeding, Luke; Raicu, Claudiu. *Tangential varieties of Segre–Veronese varieties*, *Collectanea Mathematica* **65**, no. 3:303–330, 2014.
271. Cooper, Monte; Price, Edward F., III. *Bounding the degrees of the defining equations of Rees rings for certain determinantal and Pfaffian ideals*. J. Algebra 606 (2022), 613–653.
Citează: Raicu, Claudiu. *Regularity and cohomology of determinantal thickenings*, Proc. Lond. Math. Soc. (3) **116**, no. 2, 248–280, 2018.
272. Deng, Taiwang; Xu, Bin. *The characteristic cycles and semi-canonical bases on type A quiver variety*. J. Algebra 598 (2022), 392–444.
Citează: Raicu, Claudiu. *Characters of equivariant \mathcal{D} -modules on spaces of matrices*, Compos. Math. **152**, no. 9, 1935–1965, 2016.
273. Breiding, Paul; Hodges, Reuven; Ikenmeyer, Christian; Michalek, Mateusz. *Equations for GL invariant families of polynomials*. Vietnam J. Math. 50 (2022), 545–556.
Citează: Raicu, Claudiu. *3×3 minors of catalecticants*, Math. Res. Lett. 20 (2013), no. 4, 745–756.
274. Bruce, Juliette; Corey, Daniel; Erman, Daniel; Goldstein, Steve; Laudone, Robert P.; Yang, Jay. *Syzygies of $\mathbb{P}^1 \times \mathbb{P}^1$: data and conjectures*. J. Algebra 593 (2022), 589–621.
Citează: Gibbons, Courtney; Jeffries, Jack; Mayes, Sarah; Raicu, Claudiu; Stone, Branden; White, Bryan. *Non-simplicial decompositions of Betti diagrams of complete intersections*. J. Commut. Algebra **7**, no. 2, 189–206, 2015.
275. Raicu, Claudiu; Sam, Steven V. *Bi-graded Koszul modules, $K3$ carpets, and Green’s conjecture*. Compos. Math. 158(2022), 33 – 56.
Citează: Aprodu, Marian; Farkas, Gavril; Papadima, Ștefan; Raicu, Claudiu; Weyman, Jerzy. *Koszul modules and Green’s conjecture*, *Inventiones Mathematicae* **218**, Issue 3, 657–720, 2019.

276. McDowell, Eoghan; Wildon, Mark. *Modular plethystic isomorphisms for two-dimensional linear groups*. J. Algebra 602 (2022), 441–483.
Citează: Aprodu, Marian; Farkas, Gavril; Papadima, Ștefan; Raicu, Claudiu; Weyman, Jerzy. *Koszul modules and Green’s conjecture*, Inventiones Mathematicae **218**, Issue 3, 657–720, 2019.
277. Aprodu, Marian; Farkas, Gavril; Papadima, Ștefan; Raicu, Claudiu; Weyman, Jerzy. *Topological invariants of groups and Koszul modules*. Duke Math. J. 171 (2022), 2013–2046.
Citează: Aprodu, Marian; Farkas, Gavril; Papadima, Ștefan; Raicu, Claudiu; Weyman, Jerzy. *Koszul modules and Green’s conjecture*, Inventiones Mathematicae **218**, Issue 3, 657–720, 2019.
278. Blekherman, Grigoriy; Sinn, Rainer; Smith, Gregory G.; Velasco, Mauricio. *Sums of squares and quadratic persistence on real projective varieties*. J. Eur. Math. Soc. (JEMS) 24 (2022), 925–965.
Citează: Raicu, Claudiu. *Representation stability for syzygies of line bundles on Segre-Veronese varieties*, J. Eur. Math. Soc. (JEMS) 18 (2016), no. 6, 1201–1231.
279. Galetto, Federico. *Finite group characters on free resolutions*. J. Symbolic Comput. 113 (2022), 29–38.
Citează: Murai, Satoshi; Raicu, Claudiu. *An equivariant Hochster’s formula for \mathfrak{S}_n -invariant monomial ideals*, J. Lond. Math. Soc. (2) 105(2022), 1974 – 2010.
280. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: R. Diaconescu, *Institution-independent ultraproducts*, **Fundamenta Informaticæ** **55(3-4)**, (2003) pag. 321–348.
281. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, *Institution-independent ultraproducts*, **Fundamenta Informaticæ** **55(3-4)**, (2003) pag. 321–348.
282. D. Găină, T. Kowalski: Lindström’s theorem, both syntax and semantics free, **Journal of Logic and Computation** **32(5)** (2022) pag. 942–975.
Citează: R. Diaconescu, *Institution-independent ultraproducts*, **Fundamenta Informaticæ** **55(3-4)**, (2003) pag. 321–348.
283. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *An institution-independent proof of Craig interpolation theorem*, **Studia Logica** **77(1)**), (2004) pag. 59–79.
284. G. Aucher: On the Universality of Atomic and Molecular Logics via Protologics, **Log. Univers.** **16** (2022), pag. 285–322
Citează: T. Mossakowski, R. Diaconescu, A. Tarlecki: *What is a Logic Translation?*, **Logica Universalis** **3(1)**, (2009) pag. 59–94.
285. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: T. Mossakowski, R. Diaconescu, A. Tarlecki: *What is a Logic Translation?*, **Logica Universalis** **3(1)**, (2009) pag. 59–94.
286. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428

- Citează:* R. Diaconescu, *Elementary diagrams in institutions*, **Journal of Logic and Computation** **14(5)**, (2004) pag. 651–674.
287. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, *Herbrand theorems in arbitrary institutions*, **Information Processing Letters** **90**, (2004) pag. 29–37.
288. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
289. R. Hennicker, A. Knapp: Specification of systems with parameterised events: An institution-independent approach, **Journal of Logical and Algebraic Methods in Programming** **128** (2022) pag. 100791
Citează: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
290. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, P. Stefaneas: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.
291. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: R. Diaconescu, P. Stefaneas: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.
292. R. Hennicker, A. Knapp, A. Madeira: Hybrid dynamic logic institutions for event/data-based systems, *Formal Aspects of Computing* **33** (2021) pag. 1209–1248.
Citează: R. Diaconescu, P. Stefaneas: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.
293. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Quasi-varieties and initial semantics for hybridized institutions*, **Journal of Logic and Computation** **26(3)** (2016), pag. 855 – 891.
294. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: R. Diaconescu: *Quasi-varieties and initial semantics for hybridized institutions*, **Journal of Logic and Computation** **26(3)** (2016), pag. 855 – 891.
295. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Institutional semantics for many-valued logics*, **Fuzzy Sets and Systems** **218** (2013) pag. 32–52.
296. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: M. Petria, R. Diaconescu: *Abstract Beth definability in institutions*, **Journal of Symbolic Logic** **71(3)**, (2006), pag. 1002–1028.

297. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics 10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Interpolation in Grothendieck institutions*, **Theoretical Computer Science 311** (2004) pag. 439–461.
298. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics 10(9)** (2022), pag. 1507
Citează: M. Aiguier, R. Diaconescu: *Stratified institutions and elementary homomorphisms*, **Information Processing Letters 103(1)** (2007) pag. 5–13.
299. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics 10(19)** (2022), pag. 3428
Citează: M. Aiguier, R. Diaconescu: *Stratified institutions and elementary homomorphisms*, **Information Processing Letters 103(1)** (2007) pag. 5–13.
300. M. Roggenbach, A. Cerone, B.H. Schlingloff, G. Schneider, S.A. Shaikh: Origins and Development of Formal Methods. In: **Formal Methods for Software Engineering**. Texts in Theoretical Computer Science. An EATCS Series (2022) Springer pag. 455–488
Citează: R. Diaconescu: *Three decades of institution theory*, in Jean-Yves Béziau (editor), **Universal Logic: An Anthology** (2012) Springer–Basel pag. 309–322.
301. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics 10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Quasi-boolean encodings and conditionals in algebraic specification*, **Journal of Logic and Algebraic Programming 79(2)** (2010) pag. 174–188.
302. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics 10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Implicit Kripke semantics and ultraproducts in stratified institutions*, **Journal of Logic and Computation, 27(5)** (2017) pag. 1577–1606
303. D. Găină, T. Kowalski: Lindström’s theorem, both syntax and semantics free, **Journal of Logic and Computation 32(5)** (2022) pag. 942–975.
Citează: R. Diaconescu: *Implicit Kripke semantics and ultraproducts in stratified institutions*, **Journal of Logic and Computation, 27(5)** (2017) pag. 1577–1606
304. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics 10(9)** (2022) pag. 1507
Citează: R. Diaconescu: *Implicit Kripke semantics and ultraproducts in stratified institutions*, **Journal of Logic and Computation 27(5)** (2017) pag. 1577–1606
305. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics 10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing 18(7)** (2014) pag. 1247–1267.
306. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics 10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Borrowing interpolation*, **Journal of Logic and Computation 22(3)** (2012) pag. 561–586.
307. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics 10(19)** (2022), pag. 3428

- Citează:* R. Diaconescu, M. Petria: Saturated models in institutions, **Archive for Mathematical Logic** **49(6)** (2010) pag. 693–723.
308. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Implicit Partiality of Signature Morphisms in Institution Theory*, in J. Madarász, G. Székely eds., **Hajnal Andréka and István Németi on Unity of Science: From Computing to Relativity Theory Through Algebraic Logic** Springer (2021), pag. 81–123.
309. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: R. Diaconescu: *Implicit Partiality of Signature Morphisms in Institution Theory*, in J. Madarász, G. Székely eds., **Hajnal Andréka and István Németi on Unity of Science: From Computing to Relativity Theory Through Algebraic Logic** Springer (2021), pag. 81–123.
310. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Introducing H, an institution-based formal specification and verification language*, **Logica Universalis** **14** (2020), pag. 259–277.
311. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Interpolation for predefined types*, **Mathematical Structures in Computer Science** **22(1)** (2012) pag. 1–24.
312. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *From universal logic to computer science, and back*, in G. Ciobanu and D. Meéry (Eds.): **Theoretical Aspects of Computing– ICTAC 2014, Lecture Notes in Computer Science** **8687** (2014) pag. 1–16.
313. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu, P. Stefaneas: Modality in open institutions with concrete syntax, **Bull. Greek Math., Soc.** **49** (2004) pag. 91–101
314. R. Diaconescu: Representing 3/2-institutions as stratified institutions, **Mathematics** **10(9)** (2022), pag. 1507
Citează: R. Diaconescu, P. Stefaneas: Modality in open institutions with concrete syntax, **Bull. Greek Math. Soc.** **49** (2004) pag. 91–101
315. R. Diaconescu: The axiomatic approach to non-classical model theory, **Mathematics** **10(19)** (2022), pag. 3428
Citează: R. Diaconescu: *Representing 3/2-institutions as stratified institutions*, **Mathematics** **10(9)** (2022), pag. 1507
316. F. Şahin, Generalized symplectic golden manifolds and Lie groupoids, **Filomat** **36** (2022), pag. 1663 – 1674
Citează: L. Ornea, R. Pantilie *On holomorphic maps and generalized complex geometry*, **J. Geom. Phys.** **61** (2011), pag. 1502 – 1515

317. J. L. Boldrini, R. de Aguiar, M. A. Rojas-Medar, M. D. Rojas-Medar, An optimal control problem for a generalized bioconvective flow, **Acta Appl. Math.** **179** (2022), article number: 5
Citează: A. Căpăţină, R. Stavre *A control problem in bioconvective flow*, **J. Math. Kyoto Univ.** **37** (1997), pag. 585 – 595
318. M. Beneš, I. Pažanin, M. Radulović, On viscous incompressible flows of nonsymmetric fluids with mixed boundary conditions, **Nonlinear Anal. Real World Appl.** **64** (2022), article number: 103424
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic methods for micropolar fluids in a tube structure*, **Math. Models Methods Appl. Sci.** **14** (2004), pag. 735 – 758
319. M. Beneš, I. Pažanin, M. Radulović, On viscous incompressible flows of nonsymmetric fluids with mixed boundary conditions, **Nonlinear Anal. Real World Appl.** **64** (2022), article number: 103424
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **Z. Angew. Math. Mech.** **88** (2008), pag. 793 – 807
320. K. S. Nisar, A. A. Faridi, S. Ahmad, N. Khan, K. Ali, W. Jamshed, A.-H. Abdel-Aty, I. S. Yahia, Cumulative impact of micropolar fluid and porosity on MHD channel flow: a numerical study, **Coatings** **12** (2022), article number: 93
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic methods for micropolar fluids in a tube structure*, **Math. Models Methods Appl. Sci.** **14** (2004), pag. 735 – 758
321. K. S. Nisar, A. A. Faridi, S. Ahmad, N. Khan, K. Ali, W. Jamshed, A.-H. Abdel-Aty, I. S. Yahia, Cumulative impact of micropolar fluid and porosity on MHD channel flow: a numerical study, **Coatings** **12** (2022), article number: 93
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **Z. Angew. Math. Mech.** **88** (2008), pag. 793 – 807
322. M. Beneš, I. Pažanin, M. Radulović, B. Rukavina, Nonzero boundary condition for the unsteady micropolar pipe flow: well-posedness and asymptotics, **Appl. Math. Comput.** **427** (2022), article number: 127184
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic methods for micropolar fluids in a tube structure*, **Math. Models Methods Appl. Sci.** **14** (2004), pag. 735 – 758
323. M. Beneš, I. Pažanin, M. Radulović, B. Rukavina, Nonzero boundary condition for the unsteady micropolar pipe flow: well-posedness and asymptotics, **Appl. Math. Comput.** **427** (2022), article number: 127184
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **Z. Angew. Math. Mech.** **88** (2008), pag. 793 – 807
324. I. Pažanin, M. Radulović, B. Rukavina, Rigorous derivation of the asymptotic model describing a steady thermomicropolar fluid flow through a curvilinear channel, **Z. Angew. Math. Phys.** **73** (2022), article number: 195
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic methods for micropolar fluids in a tube structure*, **Math. Models Methods Appl. Sci.** **14** (2004), pag. 735 – 758
325. I. Pažanin, M. Radulović, B. Rukavina, Rigorous derivation of the asymptotic model describing a steady thermomicropolar fluid flow through a curvilinear channel, **Z. Angew. Math. Phys.** **73** (2022), article number: 195
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **Z. Angew. Math. Mech.** **88** (2008), pag. 793 – 807

326. M. Bonnavard, I. Pažanin,, F. J. Suarez-Grau, A generalized Reynolds equation for micropolar flows past a ribbed surface with nonzero boundary conditions, **ESAIM Math. Model. Numer. Anal.** **56** (2022), pag 1255 – 1305
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic methods for micropolar fluids in a tube structure*, **Math. Models Methods Appl. Sci.** **14** (2004), pag. 735 – 758
327. M. Bonnavard, I. Pažanin,, F. J. Suarez-Grau, A generalized Reynolds equation for micropolar flows past a ribbed surface with nonzero boundary conditions, **ESAIM Math. Model. Numer. Anal.** **56** (2022), pag 1255 – 1305
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **Z. Angew. Math. Mech.** **88** (2008), pag. 793 – 807
328. G.Lukaszewicz, I. Pažanin, M. Radulović, Asymptotic analysis of the thermomicropolar fluid flow through a thin channel with cooling, **Appl. Anal.** **101** (2022) , pag. 3141 – 3169
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic methods for micropolar fluids in a tube structure*, **Math. Models Methods Appl. Sci.** **14** (2004), pag. 735 – 758
329. G.Lukaszewicz, I. Pažanin, M. Radulović, Asymptotic analysis of the thermomicropolar fluid flow through a thin channel with cooling, **Appl. Anal.** **101** (2022) , pag. 3141 – 3169
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **Z. Angew. Math. Mech.** **88** (2008), pag. 793 – 807
330. D. Rabinovich, D. Givoli, Elastodynamic 2D-1D coupling using the DtN method, **J. Comput. Phys.** **448** (2022), article number: 110722
Citează: I. Malakhova-Ziablova, G. Panasenko, R. Stavre, *Asymptotic analysis of a thin rigid stratified elastic plate - viscous fluid interaction problem*, **Appl. Anal.** **95** (2016), pag. 1467 – 1506
331. M. Gahn, W. Jager, M. Neuss-Radu, Derivation of Stokes-plate-equations modeling fluid flow interaction with thin porous elastic layers, **Appl. Anal.** **101** (2022) , pag. 4319 – 4348
Citează: J. Orlik, G. Panasenko, R. Stavre, *Asymptotic analysis of a viscous fluid layer separated by a thin stiff stratified elastic plate*, **Appl. Anal.** **100** (2021), pag. 589 – 629
332. M. Bukal, B. Muha, Justification of a nonlinear sixth-order thin-film equation as the reduced model for a fluid structure interaction problem, **Nonlinearity** **35** (2022), pag. 4695 – 4726
Citează: G. P. Panasenko, R. Stavre, *Three dimensional asymptotic analysis of an axisymmetric flow in a thin tube with thin stiff elastic wall*, **J. Math. Fluid Mech.** **22** (2020), article number: 20
333. R. Jasevicius, Numerical modeling of coronavirus interaction mechanics with a host human cell, **Mechanics of Advanced Materials and structures** **29** (2022), pag. 2186 – 2196
Citează: G. P. Panasenko, R. Stavre, *Three dimensional asymptotic analysis of an axisymmetric flow in a thin tube with thin stiff elastic wall*, **J. Math. Fluid Mech.** **22** (2020), article number: 20
334. M. Bukal, B. Muha, Justification of a nonlinear sixth-order thin-film equation as the reduced model for a fluid structure interaction problem, **Nonlinearity** **35** (2022), pag. 4695 – 4726
Citează: G. P. Panasenko, R. Stavre, *Asymptotic analysis of a viscous fluid-thin plate interaction: periodic flow*, **Math. Models Methods Appl. Sci.** **24** (2014), pag. 1781 – 1822
335. J. M. Rodríguez, R. Taboada-Vázquez, Asymptotic analysis of a thin fluid layer flow between two moving surfaces, **J. Math. Anal. Appl.** **507** (2022), article number: 125735

Citează: G. P. Panasenko, R. Stavre, *Asymptotic analysis of the Stokes flow in a thin cylindrical elastic tube*, **Appl. Anal.** **91** (2012), pag. 1999 – 2027

336. M. Bukal, B. Muha, Justification of a nonlinear sixth-order thin-film equation as the reduced model for a fluid structure interaction problem, **Nonlinearity** **35** (2022), pag. 4695 – 4726
Citează: G. P. Panasenko, R. Stavre, *Asymptotic analysis of a periodic flow in a thin channel with visco-elastic wall*, **J. Math. Pures Appl.** **85** (2006), pag. 558 – 579
337. R. Efrati, D. Givoli, Hybrid 3D-plane finite element modeling for elastodynamics, **Finite Elements in Analysis and Design** **210** (2022), article number: 103812
Citează: I. Malakhova-Ziablova, G. Panasenko, R. Stavre, *Asymptotic analysis of a thin rigid stratified elastic plate - viscous fluid interaction problem*, **Appl. Anal.** **95** (2016), pag. 1467 – 1506
338. N.B. Dang, C. Favre, Intersection theory of nef b-divisor classes, **Compos. Math.** **158** (2022), no. 7, pag. 1563–1594
Citează: M. Fulger, B. Lehmann, *Positive cones of dual cycle classes*, **Algebr. Geom.** **4** (2017), no. 1, pag. 1–28
339. M. Fulger, A. Langer, Positivity vs. slope semistability for bundles with vanishing discriminant, **J. Algebra** **609** (2022), pag. 657–687
Citează: M. Fulger, B. Lehmann, *Positive cones of dual cycle classes*, **Algebr. Geom.** **4** (2017), no. 1, pag. 1–28
340. A.F. Lopez, Augmented and restricted base loci of cycles, **Ann. Inst. Fourier (Grenoble)** **72** (2022), no. 1, pag. 435–464
Citează: M. Fulger, B. Lehmann, *Positive cones of dual cycle classes*, **Algebr. Geom.** **4** (2017), no. 1, pag. 1–28
341. V. Blankers, Extremality of rational tails boundary strata in $M_{g,n}$, **Eur. J. Math.** **8** (2022), no. 2, pag. 523–539
Citează: M. Fulger, B. Lehmann, *Positive cones of dual cycle classes*, **Algebr. Geom.** **4** (2017), no. 1, pag. 1–28
342. R. Zuffetti, Cones of special cycles of codimension 2 on orthogonal Shimura varieties, **Trans. Amer. Math. Soc.** **375** (2022), no. 10, pag. 7385–7441
Citează: M. Fulger, *The cones of effective cycles on projective bundles over curves*, **Math. Z.** **269** (2011), no. 1-2, pag. 449–459
343. M. Fulger, T. Murayama, New constructions of nef classes on self-products of curves, **Math. Z.** **302** (2022), no. 2, pag. 1239–1265
Citează: M. Fulger, *The cones of effective cycles on projective bundles over curves*, **Math. Z.** **269** (2011), no. 1-2, pag. 449–459
344. M. Fulger, A. Langer, Positivity vs. slope semistability for bundles with vanishing discriminant, **J. Algebra** **609** (2022), pag. 657–687
Citează: M. Fulger, *The cones of effective cycles on projective bundles over curves*, **Math. Z.** **269** (2011), no. 1-2, pag. 449–459
345. S. Misra, N. Ray, Nef cones of projective bundles over surfaces and Seshadri constants, **Osaka J. Math.** **59** (2022), no. 3, pag. 639–651
Citează: M. Fulger, *The cones of effective cycles on projective bundles over curves*, **Math. Z.** **269** (2011), no. 1-2, pag. 449–459

346. J. Dasgupta, B. Khan, A. Subramaniam, Seshadri constants of equivariant vector bundles on toric varieties, **J. Algebra** **595** (2022), pag. 38–68
Citează: M. Fulger, *The cones of effective cycles on projective bundles over curves*, **Math. Z.** **269** (2011), no. 1-2, pag. 449–459
347. N.B. Dang, C. Favre, Intersection theory of nef b-divisor classes, **Compos. Math.** **158** (2022), no. 7, pag. 1563–1594
Citează: M. Fulger, B. Lehmann, *Zariski decompositions of numerical cycle classes*, **J. Algebraic Geom.** **26** (2017), no. 1, pag. 43–106
348. M. Fulger, A. Langer, Positivity vs. slope semistability for bundles with vanishing discriminant, **J. Algebra** **609** (2022), pag. 657–687
Citează: M. Fulger, B. Lehmann, *Zariski decompositions of numerical cycle classes*, **J. Algebraic Geom.** **26** (2017), no. 1, pag. 43–106
349. A.F. Lopez, Augmented and restricted base loci of cycles, **Ann. Inst. Fourier (Grenoble)** **72** (2022), no. 1, pag. 435–464
Citează: M. Fulger, B. Lehmann, *Zariski decompositions of numerical cycle classes*, **J. Algebraic Geom.** **26** (2017), no. 1, pag. 43–106
350. X. Chen, F. Gounelas, Curves of maximal moduli on K3 surfaces, **Forum Math. Sigma** **10** (2022), Paper No. e36, 21 pp
Citează: M. Fulger, B. Lehmann, *Zariski decompositions of numerical cycle classes*, **J. Algebraic Geom.** **26** (2017), no. 1, pag. 43–106
351. Z. Zhuang, Fano varieties with large Seshadri constants in positive characteristic, **Ann. Inst. Fourier (Grenoble)** **72** (2022), no. 2, pag. 685–725
Citează: M. Fulger, J. Kollár, B. Lehmann, *Volume and Hilbert function of \mathbb{R} -divisors*, **Michigan Math. J.** **65** (2016), no. 2, 371–387
352. M.Á. Barja, Slope inequalities for fibrations of non-maximal Albanese dimension, **Boll. Unione Mat. Ital.** **15** (2022), no. 1-2, pag. 3–15
Citează: M. Fulger, J. Kollár, B. Lehmann, *Volume and Hilbert function of \mathbb{R} -divisors*, **Michigan Math. J.** **65** (2016), no. 2, 371–387
353. M. Fulger, A. Langer, Positivity vs. slope semistability for bundles with vanishing discriminant, **J. Algebra** **609** (2022), pag. 657–687
Citează: M. Fulger, *Cones of positive vector bundles*, **Rev. Roumaine Math. Pures Appl.** **65** (2020), no. 3, pag. 285–302
354. S. Yoshikawa, Singularities of non- \mathbb{Q} -Gorenstein varieties admitting a polarized endomorphism, **Int. Math. Res. Not. IMRN** 2022, no. 13, pag. 10095–10118
Citează: M. Fulger, *Local volumes of Cartier divisors over normal algebraic varieties*, **Ann. Inst. Fourier (Grenoble)** **63** (2013), no. 5, pag. 1793–1847
355. M. Fulger, A. Langer, Positivity vs. slope semistability for bundles with vanishing discriminant, **J. Algebra** **609** (2022), pag. 657–687
Citează: M. Fulger, T. Murayama, *Seshadri constants for vector bundles*, **J. Pure Appl. Algebra** **225** (2021), no. 4, Paper No. 106559, 35 pp
356. J. Dasgupta, B. Khan, A. Subramaniam, Seshadri constants of equivariant vector bundles on toric varieties, **J. Algebra** **595** (2022), pag. 38–68
Citează: M. Fulger, T. Murayama, *Seshadri constants for vector bundles*, **J. Pure Appl. Algebra** **225** (2021), Paper No. 106559, 35 pp

357. M. Fulger, T. Murayama, New constructions of nef classes on self-products of curves, **Math. Z.** **302** (2022), no. 2, pag. 1239–1265
Citează: M. Fulger, T. Murayama, *Seshadri constants for vector bundles*, **J. Pure Appl. Algebra** **225** (2021), no. 4, Paper No. 106559, 35 pp
358. M. Iwai, Almost nef regular foliations and Fujita’s decomposition of reflexive sheaves, **Ann. Sc. Norm. Super. Pisa Cl. Sci. (5)** **23** (2022), no. 2, pag. 719–743
Citează: M. Fulger, T. Murayama, *Seshadri constants for vector bundles*, **J. Pure Appl. Algebra** **225** (2021), no. 4, Paper No. 106559, 35 pp
359. S.I. Matsumura, Open problems on structure of positively curved projective varieties, **Ann. Fac. Sci. Toulouse Math. (6)** **31** (2022), no. 3, pag. 1011–1029
Citează: M. Fulger, T. Murayama, *Seshadri constants for vector bundles*, **J. Pure Appl. Algebra** **225** (2021), no. 4, Paper No. 106559, 35 pp
360. A.F. Lopez, Augmented and restricted base loci of cycles, **Ann. Inst. Fourier (Grenoble)** **72** (2022), no. 1, pag. 435–464
Citează: M. Fulger, B. Lehmann, *Morphisms and faces of pseudo-effective cones*, **Proc. Lond. Math. Soc. (3)** **112** (2016), no. 4, pag. 651–676
361. V. Blankers, Extremality of rational tails boundary strata in $M_{g,n}$, **Eur. J. Math.** **8** (2022), no. 2, pag. 523–539
Citează: M. Fulger, B. Lehmann, *Morphisms and faces of pseudo-effective cones*, **Proc. Lond. Math. Soc. (3)** **112** (2016), no. 4, pag. 651–676
362. A.F. Lopez, Augmented and restricted base loci of cycles, **Ann. Inst. Fourier (Grenoble)** **72** (2022), no. 1, pag. 435–464
Citează: M. Fulger, B. Lehmann, *Kernels of numerical pushforwards*, **Adv. Geom.** **17** (2017), no. 3, pag. 373–378
363. V. Blankers, Extremality of rational tails boundary strata in $M_{g,n}$, **Eur. J. Math.** **8** (2022), no. 2, pag. 523–539
Citează: M. Fulger, B. Lehmann, *Kernels of numerical pushforwards*, **Adv. Geom.** **17** (2017), no. 3, pag. 373–378
364. J. Kozitsky and A. Tanaś, Evolution of states of an infinite particle system with nonlocal branching, **J. Evol. Equ.** **33** (2022), 22:7
Citează: L. Beznea, O. Lupaşcu, *Measure-valued discrete branching Markov processes*, **Trans. Amer. Math. Soc.** **368** (2016), pag. 5153–5176
365. J. Kozitsky and A. Tanaś, Evolution of states of an infinite particle system with nonlocal branching, **J. Evol. Equ.** **33** (2022), 22:7
Citează: L. Beznea, O. Lupaşcu-Stamate, C. I. Vrabie, *Stochastic solutions to evolution equations of non-local branching processes*, **Nonlinear Anal.** **200** (2020), 112021
366. J. Kozitsky, A. Tanaś, Evolution of states of an infinite particle system with nonlocal branching, **J. Evol. Equ.** **33** (2022), 22:7
Citează: L. Beznea, M. Röckner, *From resolvents to càdlàg processes through compact excessive functions and applications to singular SDE on Hilbert spaces*, **Bull. Sci. Math.** **135** (2011), pag. 840–870
367. B. Eisenhuth, M. Grothaus, Essential m-dissipativity for Possibly Degenerate Generators of Infinite-dimensional Diffusion Processes, **Integr. Equ. Oper. Theory** (2022), 94:28

- Citează:* L. Beznea, N. Boboc, M. Röckner, *Markov processes associated with L^p -resolvents and applications to stochastic differential equations on Hilbert spaces*, **J. Evol. Equ.** **6** (2006), pag. 745–772
368. H. Lee, G. Trutnau, Existence and uniqueness of (infinitesimally) invariant measures for second order partial differential operators on Euclidean space, **J. Math. Anal. Appl.** **507** (2022), Paper No. 125778
Citează: L. Beznea, I. Cîmpean, M. Röckner, *Irreducible recurrence, ergodicity, and extremality of invariant measures for resolvents*, **Stochastic Proc. Appl.** **128** (2018), pag. 1405–1437
369. T. Klimsiak, Schrödinger equations with smooth measure potential and general measure data, **Nonlinear Anal.** **218** (2022), Paper No. 112774,
Citează: L. Beznea and N. Boboc, *Measures not charging polar sets and Schrödinger equations in L^p* , **Acta Math. Sin. (Engl. Ser.)** **26** (2010), pag. 249–264
370. Z.-Q. Chen and S. Zhang, Fokker-Planck equation for Feynman-Kac transform of anomalous processes, **Stochastic Process. Appl.** **147** (2022), pag. 300–326
Citează: L. Beznea, M. Röckner, *On the existence of the dual right Markov process and applications*, **Potential Anal.** **42** (2015), pag. 617–627
371. M. Amini, D. Bennis, S. Mamdouhi, n -gr-coherent rings and Gorenstein graded modules, **Czech. Math. J.** **72** (2022), pag. 125 – 148
Citează: C. Năstăsescu, *Some constructions over graded rings: Applications*, **J. Algebra** **120** (1989), pag. 119 – 138
372. H. Choulli, H. Mouanis, I. Namrock, Group graded rings with the nil-good property, **Comm. Algebra** **50** (2022), pag. 4700 – 4709
Citează: C. Năstăsescu, *Group rings of graded rings applications*, **J. Pure Appl. Algebra** **33** (1984), pag. 313 – 335
373. E. Ilić-Georgijević, On homogeneous and co-maximal graphs of groupoid-graded rings, **Bull. Malays. Math. Sci. Soc.** **45** (2022), pag. 3367 – 3384
Citează: S. Dăscălescu, B. Ion, C. Năstăsescu, J. Ríos Montes, *Group gradings on full matrix rings*, **J. Algebra** **220** (1999), pag. 709 – 728
374. L. Martínez, H. Pinedo, Y. Soler, Ring theoretical properties of epsilon-strongly graded rings and Leavitt path algebras, **Comm. Algebra** **50** (2022), pag. 3201 – 3217
Citează: S. Dăscălescu, B. Ion, C. Năstăsescu, J. Ríos Montes, *Group gradings on full matrix rings*, **J. Algebra** **220** (1999), pag. 709 – 728
375. G. Militaru, The automorphisms group and the classification of gradings of finite dimensional associative algebras, **Results Math.** **77** (2022), 13
Citează: S. Dăscălescu, B. Ion, C. Năstăsescu, J. Ríos Montes, *Group gradings on full matrix rings*, **J. Algebra** **220** (1999), pag. 709 – 728
376. M. Al-Shomrani, N. Al-Subaie, A generalization of group-graded modules, **Symmetry** **14** (2022), 835
Citează: C. Năstăsescu, M. Van den Bergh, F. Van Oystaeyen, *Separable functor, applications to graded rings and modules*, **J. Algebra** **123** (1989), pag. 397 – 413
377. M. Al-Shomrani, N. Al-Subaie, A generalization of group-graded modules, **Symmetry** **14** (2022), 835
Citează: T. Albu, C. Năstăsescu, *Infinite group-graded rings, rings of endomorphisms and localization*, **J. Pure Appl. Algebra** **59** (1989), pag. 125 – 150

378. S. Crivei, S.M. Radu, Transfer of CS-Rickart and dual CS-Rickart properties via functors over Abelian categories, **Quaest. Math.** **45** (2022), pag. 993 – 1011
Citează: S. Dăscălescu, C. Năstăsescu, A. Tudorache, L. Dăuș, *Relative regular objects in categories*, **Appl. Categor. Struct.** **14** (2006), pag. 567 – 577
379. D. Wang, C. Liu, X. Fu, Weakly Gorenstein comodules over triangular matrix coalgebras, **AIMS Math.** **7** (2022), pag. 15471 – 15483
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, F. Van Oystaeyen, *Graded coalgebras and Morita-Takeuchi contexts*, **Tsukuba J. Math.** **19** (1995), pag. 395 – 407
380. Y. Li, H. Yao, Gorenstein flat comodules, **Bull. Iran. Math. Soc.** **48** (2022), pag. 2539 – 2553
Citează: C. Năstăsescu, B. Torrecillas, *Colocalization on Grothendieck categories with applications to coalgebras*, **J. Algebra** **185** (1996), pag. 108 – 124
381. M. Iovanov, Commutative non-noetherian rings with the diamond property, **Algebr. Represent. Theor.** **25** (2022), pag. 705 – 724
Citează: C. Năstăsescu, B. Torrecillas, *The splitting problem for coalgebras*, **J. Algebra** **281** (2004), pag. 144 – 149
382. F. Kourki, R. Tribak, On seminoetherian rings and modules, **Comm. Algebra** **50** (2022), pag. 5200 – 5216
Citează: C. Năstăsescu, *La filtration de Gabriel*, **Ann. Sc. Norm. Super. Pisa Cl. Sci. (5)** **27** (1973), pag. 457 – 470
383. F. Kourki, R. Tribak, On seminoetherian rings and modules, **Comm. Algebra** **50** (2022), pag. 5200 – 5216
Citează: C. Năstăsescu, *La filtrazione di Gabriel - II*, **Rend. Semin. Mat. Padova** **50** (1973), pag. 189 – 195
384. A. Tuganbaev, Centrally essential rings and semirings, **Mathematics** **10** (2021), 1867
Citează: C. Năstăsescu, N. Popescu, *Anneaux semi-artiniens*, **Bull. Soc. Math. Fr.** **96** (1966), pag. 357 – 368
385. J.-W. He, K. Ueyama, Twisted Segre products, **J. Algebra** **611** (2022), pag. 528 – 560
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
386. K.F. Lai, Differential equations and Lie group representations, **Front. Math. China** **17** (2022), pag. 171 – 225
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
387. K. Al-Zoubi, M. Ali, M. Alkhatib, On graded classical B -2-absorbing submodules, **Heliyon** **8** (2022), e11230
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
388. Y. Hu, H. Wang, On the mod p cohomology for GL_2 : the non-semisimple case, **Camb. J. Math.** **10** (2022), pag. 261 – 431
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)

389. M.L. Reyes, D. Rogalski, Graded twisted Calabi-Yau algebras are generalized Artin-Schelter regular, **Nagoya Math. J.** **245** (2022), pag. 100 – 153
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
390. P.W. Prasetyo, H. Marubayashi, I.E. Wijayanti, On the restricted graded Jacobson radical of rings of Morita context, **Turkish J. Math.** **46** (2022), pag. 1985 – 1993
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
391. J. Cala, P. Lundström, H. Pinedo, Graded modules over object-unital groupoid graded rings, **Comm. Algebra** **50** (2022), pag. 444 – 462
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
392. M. Jaradat, The graded classical prime spectrum with the Zariski topology as a noetherian topological space, **Iran. J. Math. Sci. Inform.** **17** (2022), pag. 213 – 233
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
393. F. Farzalipour, P. Ghasvand, Graded φ -2-absorbing hyperideals in graded multiplicative hyperrings, **Asian-Eur. J. Math.** **15** (2022), 2250113
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
394. J.W. He, H. Hu, Pseudo-strongly graded rings associated to Ore sets, **Comm. Algebra** **50** (2022), pag. 423 – 432
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
395. K. Al-Zoubi, M. Al-Azaizeh, On graded classical 2-absorbing second submodules of graded modules over graded commutative rings, **Afr. Mat.** **33** (2022), articolul 43
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
396. D. Hipwood, Maximal orders in Sklyanin algebra, **J. Algebra** **602** (2022), pag. 555 – 598
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
397. F. Soheilnia, S. Payrovi, On the graded 2-absorbing primary submodules of graded multiplication modules, **Thai J. Math.** **20** (2022), pag. 721 – 728
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
398. D.A. Badulin, A.L. Kanunnikov, Gradings of quadratic Kummer extensions, **Moscow Univ. Math. Bull.** **77** (2022), pag. 97 – 101
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
399. M. Amini, D. Bennis, S. Mamdouhi, n -gr-coherent rings and Gorenstein graded modules, **Czech. Math. J.** **72** (2022), pag. 125 – 148
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)

400. P. Ghasvand, F. Farzalipour, Graded semiprime submodules over non-commutative graded rings, **J. Algebr. Syst.** **10** (2022), pag. 95 – 110
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
401. K. Al-Zoubi, M. Al-Azaizeh, On graded WAG_2 -absorbing submodule, **Mat. Stud** **58** (2022), pag. 13 – 19
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
402. K. Al-Zoubi, M. Ali, M. Alkhatib, On graded classical B_2 -absorbing submodules, **Heliyon** **8** (2022), e11230
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
403. M.L. Reyes, D. Rogalski, Graded twisted Calabi-Yau algebras are generalized Artin-Schelter regular, **Nagoya Math. J.** **245** (2022), pag. 100 – 153
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
404. J. Cala, P. Lundström, H. Pinedo, Graded modules over object-unital groupoid graded rings, **Comm. Algebra** **50** (2022), pag. 444 – 462
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
405. M. Jaradat, The graded classical prime spectrum with the Zariski topology as a noetherian topological space, **Iran. J. Math. Sci. Inform.** **17** (2022), pag. 213 – 233
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
406. K. Al-Zoubi, M. Al-Azaizeh, On graded classical 2-absorbing second submodules of graded modules over graded commutative rings, **Afr. Mat.** **33** (2022), articolul 43
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
407. M. Amini, D. Bennis, S. Mamdouhi, n -gr-coherent rings and Gorenstein graded modules, **Czech. Math. J.** **72** (2022), pag. 125 – 148
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
408. P. Ghasvand, F. Farzalipour, Graded semiprime submodules over non-commutative graded rings, **J. Algebr. Syst.** **10** (2022), pag. 95 – 110
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
409. R. Hazrat, H. Li, Homology of étale groupoids a graded approach, **J. Algebra** **611** (2022), pag. 589 – 629
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
410. L. Vaš, Simplicial and dimension groups with group action and their realization, **Forum Math.** **34** (2022), pag. 565 – 604
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)

411. E. Ilić-Georgijević, On homogeneous and co-maximal graphs of groupoid-graded rings, **Bull. Malays. Math. Sci. Soc.** **45** (2022), pag. 3367 – 3384
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
412. A.S. Alshehry, J.M. Habeb, R. Abu-Dawwas, Graded weakly 2-absorbing ideals over non-commutative graded rings, **Symmetry** **14** (2022), 1472
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
413. M. Al-Shomrani, N. Al-Subaie, A generalization of group-graded modules, **Symmetry** **14** (2022), 835
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
414. A. Carotenuto, R. Ó Buachalla, Bimodule connections for relative line modules over the irreducible quantum flag manifolds, **SIGMA Symmetry, Integrability, Geom. Methods Appl.** **18** (2022), 070
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
415. H. Choulli, H. Mouanis, I. Namrock, Group graded rings with the nil-good property, **Comm. Algebra** **50** (2022), pag. 4700 – 4709
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
416. H. Geranios, A. Kleshchev, L. Morotti, On self-extensions of irreducible modules over symmetric groups, **Trans. Amer. Math. Soc.** **375** (2022), pag. 2627 – 2676
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
417. S. Crivei, S.M. Radu, Transfer of CS-Rickart and dual CS-Rickart properties via functors over Abelian categories, **Quaest. Math.** **45** (2022), pag. 993 – 1011
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
418. L. Martínez, H. Pinedo, Y. Soler, Ring theoretical properties of epsilon-strongly graded rings and Leavitt path algebras, **Comm. Algebra** **50** (2022), pag. 3201 – 3217
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
419. R. Zhu, A note on the discriminant of reflection Hopf algebras, **J. Algebra** **604** (2022), pag. 1 – 27
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
420. A. Assarrar, N. Mahdou, Ü. Tekir, S. Koç, On graded coherent-like properties in trivial ring extensions, **Boll. Unione Mat. Ital.** **15** (2022), pag. 437 – 449
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
421. D. Keskin Tütüncü, B. Kaleboğaz, D_4 -objects in abelian categories: Transfer via functors, **Comm. Algebra** **50** (2022), pag. 687 – 698

- Citează:* C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
422. T. Alraqad, The intersection graph of graded submodules of a graded module, **Open Math.** **20** (2022), pag. 84 – 93
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
423. A.U. Ansari, B.K. Sharma, S.D. Kumar, S. Behara, Graded prime ideals attached to a group graded module, **Iran. J. Math. Sci. Inform.** **17** (2022), pag. 59 – 74
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
424. B.Y. Zhang, J.W. He, Graded derived equivalences, **Mathematics** **10** (2022), 103
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
425. Ü. Tekir, S. Koç, R. Abu-Dawwas, E. Yildiz, Graded weakly 1-absorbing prime ideals, **Cubo** **24** (2022), pag. 291 – 305
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
426. G. Militaru, The automorphisms group and the classification of gradings of finite dimensional associative algebras, **Results Math.** **77** (2022), 13
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
427. N.P. Puspita, I.E. Wijayanti, Bi-clean and clean Hopf modules, **AIMS Math.** **7** (2022), pag. 18784 – 18792
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
428. F. Moh'd, Decompositions of graded maximal submodules, **Commun. Korean Math. Soc.** **37** (2022), pag. 1 – 15
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
429. K. Al-Zoubi, M. Al-Azaizeh, On graded WAG_2 -absorbing submodule, **Mat. Stud** **58** (2022), pag. 13 – 19
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
430. Y. Ginosar, Realization-obstruction exact sequences for Clifford system extensions, **Isr. J. Math.** **247** (2022), pag. 955 – 985
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
431. A.U. Ansari, B.K. Sharma, Graded S -artinian modules and graded S -secondary representations, **Palest. J. Math.** **11** (2022), pag. 175 – 193
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)

432. S. Crivei, S.M. Radu, Transfer of CS-Rickart and dual CS-Rickart properties via functors over Abelian categories, **Quaest. Math.** **45** (2022), pag. 993 – 1011
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
433. D. Keskin Tütüncü, B. Kaleboğaz, D_4 -objects in abelian categories: Transfer via functors, **Comm. Algebra** **50** (2022), pag. 687 – 698
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
434. S. Crivei, D. Keskin Tütüncü, R. Tribak, Split objects with respect to a fully invariant short exact sequence in abelian categories, **Rend. Sem. Mat. Univ. Padova** **147** (2022), pag. 1 – 41
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
435. G. Shi, S. Wang, A new approach to Rota-Baxter coalgebras, **Colloq. Mat.** **168** (2022), pag. 85 – 104
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
436. H. Zheng, Y. Zhang, L. Zang, Rota-Baxter paired comodules and Rota-Baxter paired Hopf modules, **Colloq. Math.** **168** (2022), pag. 59 – 83
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
437. L. Centrone, A. Estrada, A. Ioppolo, On PI-algebras with additional structures: Rationality of Hilbert series and Specht's problem, **J. Algebra** **592** (2022), pag. 300 – 356
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
438. C. Hatipoğlu, C. Lomp, Locally finite representations over noetherian Hopf algebras, **Proc. Amer. Math. Soc.** **150** (2022), pag. 1903 – 1923
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
439. A. Masuoka, T. Shibata, Y. Shimada, Affine algebraic super-groups with integral, **Comm. Algebra** **50** (2022), pag. 615 – 634
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
440. S. Dăscălescu, C. Năstăsescu, L. Năstăsescu, On a class of quasi-Frobenius algebras, **J. Pure Appl. Algebra** **226** (2022), 106992
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
441. S. Mohammadzadeh, M. Jafari, S. Barootkoob, \otimes -Amenability of a Banach coalgebra and amenability of its dual, **Iran. J. Sci. Technol. Trans. A Sci.** **46** (2022), pag. 1425 – 1430
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)

442. D. Wang, C. Liu, X. Fu, Weakly Gorenstein comodules over triangular matrix coalgebras, **AIMS Math.** **7** (2022), pag. 15471 – 15483
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
443. P. Saracco, Universal enveloping algebras of Lie-Rinehart algebras as a left adjoint functor, **Mediterr. J. Math.** **19** (2022), 92
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
444. Y. Li, H. Yao, Gorenstein flat comodules, **Bull. Iran. Math. Soc.** **48** (2022), pag. 2539 – 2553
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
445. M. Iovanov, Commutative non-noetherian rings with the diamond property, **Algebr. Represent. Theor.** **25** (2022), pag. 705 – 724
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
446. A.N. Abyzov, M.S. Eryashkin, Retractable and coretractable modules in Wisbauer category, **Beitr. Algebra Geom.** **63** (2022), pag. 639 – 645
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
447. K. Al-Zoubi, M. Ali, M. Alkhatib, On graded classical B -2-absorbing submodules, **Heliyon** **8** (2022), e11230
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
448. K. Al-Zoubi, M. Al-Azaizeh, On graded classical 2-absorbing second submodules of graded modules over graded commutative rings, **Afr. Mat.** **33** (2022), articolul 43
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
449. K. Al-Zoubi, M. Al-Azaizeh, On graded WAG_2 -absorbing submodule, **Mat. Stud.** **58** (2022), pag. 13 – 19
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
450. Š. Špenko, M. Van den Bergh, Perverse schobers and GKZ systems, **Adv. Math.** **402** (2022), 108307
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
451. I. Stanciu, Primitive ideals in affinoid enveloping algebras of semisimple Lie algebras, **Sel. Math. New Ser.** **28** (2022), 70
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
452. C.-C. Li, G.-S. Zhu, The structure of connected (graded) Hopf algebras revisited, **J. Algebra** **610** (2022), pag. 684 – 702
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)

453. A. Ardizzoni, P. Saracco, D. Ştefan, PBW-deformations of graded rings, **Isr. J. Math.** **249** (2022), pag. 769 – 856
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
454. C. Arellano, J. Castro, J. Ríos, On the nilpotence of the prime radical in module categories, **Algebra Discrete Math.** **32** (2022), pag. 161 – 184
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, Reidel Publishing Company, Dordrecht-Boston-Lancaster-Tokyo (1987)
455. J. Gaddis, X. Wang, D. Yee, Cancellation and skew cancellation for Poisson algebras, **Math. Z.** **301** (2022), pag. 3501 – 3523
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, Reidel Publishing Company, Dordrecht-Boston-Lancaster-Tokyo (1987)
456. K. Suzuki, Regularity and stability of invariant measures for diffusion processes under synthetic lower Ricci curvature bounds **Ann. Sc. Norm. Super. Pisa Cl. Sci.** **23** (2022), pag. 745 – 808
Citează: L. Beznea, I. Cîmpean, M. Röckner, *A new approach to the existence of invariant measures for Markovian semigroups*, **Ann. Inst. Henri Poincaré Probab. Stat.** **55** (2019), pag. 977 – 1000
457. G. Picavet, M. Picavet-L’Hermitte, Catenarian FCP ring extensions, **J. Commut. Algebra** **14** (2022), pag. 77 – 93
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, Reidel Publishing Company, Dordrecht-Boston-Lancaster-Tokyo (1987)
458. F. Kourki, R. Tribak, On seminoetherian rings and modules, **Comm. Algebra** **50** (2022), pag. 5200 – 5216
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, Reidel Publishing Company, Dordrecht-Boston-Lancaster-Tokyo (1987)
459. C. Arellano, J. Castro, J. Ríos, On the nilpotence of the prime radical in module categories, **Algebra Discrete Math.** **32** (2022), pag. 161 – 184
Citează: T. Albu, C. Năstăsescu, *Relative Finiteness in Module Theory*, Monographs and Textbooks in Pure and Applied Mathematics **84**, Marcel Dekker, Inc., New York, Basel (1984)
460. T. Albu, J. Castro Pérez, J. Ríos Montes, Prime, irreducible, and completely irreducible lattice preradicals on modular complete lattices (I), **J. Algebra Appl.** **21** (2022), 2250097
Citează: T. Albu, C. Năstăsescu, *Relative Finiteness in Module Theory*, Monographs and Textbooks in Pure and Applied Mathematics **84**, Marcel Dekker, Inc., New York, Basel (1984)
461. R. Kanda, Integrality of noetherian Grothendieck categories, **J. Algebra** **592** (2022), pag. 233 – 299
Citează: T. Albu, C. Năstăsescu, *Relative Finiteness in Module Theory*, Monographs and Textbooks in Pure and Applied Mathematics **84**, Marcel Dekker, Inc., New York, Basel (1984)
462. L. Filimon, On translated rank-2 Brill-Noether loci on regular surfaces, **Arch. Math.** **118** (2022), pag. 271 – 281
Citează: V. Brînzănescu *Holomorphic vector bundles over compact complex surfaces*, **Lect. Notes in Math.** **1624**, Springer Verlag (1996), 180 pag.

463. L. Filimon, On translated rank-2 Brill-Noether loci on regular surfaces , **Archiv Math.** **118** (2022), pag. 271 – 281
Citează: V. Brînzănescu, M. Stoia *Topologically trivial algebraic 2-vector bundles on ruled surfaces II*, In: **Algebraic Geometry, Bucharest 1982, Lect. Notes in Math.** **1056** (1984), Springer Verlag, pag. 34 – 46
464. V. Rovenski, Integral formulas for almost product manifolds and foliations , **Mathematics** **10** (19) (2022), 3645
Citează: V. Brînzănescu, R. Slobodeanu *Holomorphicity and Walczak formula on Sasakian manifolds*, **J. Geom. Phys** **57** (2006), pag. 193 – 207
465. I. Biswas, A. Tomberg, On vector bundles over hyperkaehler twistor spaces, **Math. Z.** **300** (2022), pag. 3143 – 3170
Citează: V. Brînzănescu, R. Moraru *Holomorphic rank-2 vector bundles on non-Kaehler elliptic surfaces*, **Ann. Inst. Fourier** **55** (2005), pag. 1659 – 1683
466. P. Biswas, P. Sankaran, Picard group of certain compact complex parallelizable manifolds, **Bull. Sci. Math.** **179** (2022), pag. 103 – 153
Citează: V. Brînzănescu *Neron-Severi group for nonalgebraic elliptic surfaces I: Elliptic bundle case*, **Manuscripta Math.** **79**, (1), (1993), pag. 187 – 195
467. S. Y. Kim, D. Zaitsev, q-effectiveness for holomorphic subelliptic multipliers , **Pure Appl. Math. Quarterly** **18**, (2), (2022), pag. 617 – 637
Citează: V. Brînzănescu, A. C. Nicoara *On the relationship between D'Angelo q-type and Catlin q-type*, **J. Geom. Anal.** **25**, (3), (2015), pag. 1701 – 1719; Correction: *J. Geom. Anal.* 2019
468. S. Y. Kim, D. Zaitsev, q-effectiveness for holomorphic subelliptic multipliers , **Pure Appl. Math. Quarterly** **18**, (2), (2022), pag. 617 – 637
Citează: V. Brînzănescu, A. C. Nicoara *Relating Catlin and D'Angelo q-types*, **arXiv.org/abs/1707.08294.v2**
469. A. C. Nicoara, Direct proof of termination of the Kohn algorithm in the real-analytic case, **Pure Appl. Math. Quarterly** **18** (2022), pag. 719 – 761
Citează: V. Brînzănescu, A. C. Nicoara *On the relationship between D'Angelo q-type and Catlin q-type*, **J. Geom. Anal.** **25** (2015), pag. 1701 – 1719; Correction: *J. Geom. Anal.* 2019
470. A. C. Nicoara, Direct proof of termination of the Kohn algorithm in the real-analytic case, **Pure Appl. Math. Quarterly** **18** (2022), pag. 719 – 761
Citează: V. Brînzănescu, A. C. Nicoara *Relating Catlin and D'Angelo q-types*, **arXiv.org/abs/1707.08294.v3**
471. O. Yazici, Local boundedness of Catlin q-type, **Mediterr. J. Math.** **19** (2022),
Citează: V. Brînzănescu, A. C. Nicoara *Relating Catlin and D'Angelo q-types*, **arXiv.org/abs/1707.08294.v3**
472. N.P. Bao, Y.Y. Hong, Algebraic Constructions for Novikov-Poisson Algebras, **Mathematics** **10** (2022), pag. 1 – 18
Citează: A.L. Agore, G. Militaru *Extending structures II: The quantum version*, **J. Algebra** **336** (2011), pag. 321 – 341
473. T. Ma, J. Li, H. Yang, S. Wang, Double crossed biproducts and related structures, **Comm. Algebra** **50** (2022), pag. 4517 – 4535
Citează: A.L. Agore, G. Militaru *Extending structures II: The quantum version*, **J. Algebra** **336** (2011), pag. 321 – 341

474. T. Zhang, Unified Products for Braided Lie Bialgebras with Applications, **J. Lie Theory** **32** (2022), pag. 671 – 696
Citează: A.L. Agore, G. Militaru *Extending structures II: The quantum version*, **J. Algebra** **336** (2011), pag. 321 – 341
475. Q.G. Chen, A New Method of Constructing Weak Crossed Products, **Filomat** **36** (2022), pag. 1245 – 1253
Citează: A.L. Agore, G. Militaru *Extending structures II: The quantum version*, **J. Algebra** **336** (2011), pag. 321 – 341
476. N.P. Bao, Y.Y. Hong, Algebraic Constructions for Novikov-Poisson Algebras, **Mathematics** **10** (2022), pag. 1 – 18
Citează: A.L. Agore, G. Militaru *Extending structures for Lie algebras*, **Monatsh. Math.** **174** (2014), pag. 169 – 193
477. T. Zhang, Unified Products for Braided Lie Bialgebras with Applications, **J. Lie Theory** **32** (2022), pag. 671 – 696
Citează: A.L. Agore, G. Militaru *Extending structures for Lie algebras*, **Monatsh. Math.** **174** (2014), pag. 169 – 193
478. O. Esen, O. G. Ozcan, S. Sutlu, On Extensions, Lie-Poisson Systems, and Dissipation, **J. Lie Theory** **32** (2022), pag. 327 – 382
Citează: A.L. Agore, G. Militaru *Extending structures for Lie algebras*, **Monatsh. Math.** **174** (2014), pag. 169 – 193
479. T. Zhang, Extending structures for 3-Lie algebras, **Comm. Algebra** **50** (2022), pag. 1469 – 1497
Citează: A.L. Agore, G. Militaru *Extending structures for Lie algebras*, **Monatsh. Math.** **174** (2014), pag. 169 – 193
480. D.G. Wang, X.D. Cheng, D.W. Lu, Bicrossed products of generalized Taft algebras and group algebras, **Czech. Math. J.** **72** (2022), pag. 801 – 816
Citează: A.L. Agore, C.G. Bontea, G. Militaru *Classifying bicrossed products of Hopf algebras*, **Algebr. Repr. Th.** **17** (2014), pag. 227 – 264
481. T. Zhang, Unified Products for Braided Lie Bialgebras with Applications, **J. Lie Theory** **32** (2022), pag. 671 – 696
Citează: A.L. Agore, G. Militaru *Unified products for Leibniz algebras. Applications*, **Linear Algebra Appl.** **439** (2021), pag. 609 – 2633
482. D.G. Wang, X.D. Cheng, D.W. Lu, Bicrossed products of generalized Taft algebras and group algebras, **Czech. Math. J.** **72** (2022), pag. 801 – 816
Citează: A.L. Agore, A. Chirvasitu, B. Ion, G. Militaru *Bicrossed products for finite groups*, **Algebr. Repr. Th.** **12** (2009), pag. 481 – 488
483. A. Nayak, Deterministic algorithms for the hidden subgroup problem, **Quantum information and computation** **22** (2022), pag. 755 – 769
Citează: A.L. Agore, A. Chirvasitu, B. Ion, G. Militaru *Bicrossed products for finite groups*, **Algebr. Repr. Th.** **12** (2009), pag. 481 – 488
484. D.G. Wang, X.D. Cheng, D.W. Lu, Bicrossed products of generalized Taft algebras and group algebras, **Czech. Math. J.** **72** (2022), pag. 801 – 816
Citează: A.L. Agore, G. Militaru *Classifying complements for Hopf algebras and Lie algebras*, **J. Algebra** **391** (2013), pag. 193 – 208

485. G. Militaru, The Automorphisms Group and the Classification of Gradings of Finite Dimensional Associative Algebras, **Results in Math.** **77** (2022), pag. 1 – 13
Citează: A.L. Agore, *Categorical constructions for Hopf algebras*, **Comm. Algebra** **39** (2011), pag. 1476–1481.
486. T. Ma, J. Li, H. Yang, S. Wang, Double crossed biproducts and related structures, **Comm. Algebra** **50** (2022), pag. 4517 – 4535
Citează: A.L. Agore, G. Militaru *Crossed product of groups. Applications*, **Arab. J. Sci. Eng.** **(33)** (2008), pag. 1–18.
487. N.P. Bao, Y.Y. Hong, Algebraic Constructions for Novikov-Poisson Algebras, **Mathematics** **10** (2022), pag. 1 – 18
Citează: A.L. Agore, G. Militaru *Extending structures, Galois groups and supersolvable associative algebras*, **Monatsh. Math.** **181** (2016), pag. 1 – 31
488. T. Zhang, Unified Products for Braided Lie Bialgebras with Applications, **J. Lie Theory** **32** (2022), pag. 671 – 696
Citează: A.L. Agore, G. Militaru *Extending structures, Galois groups and supersolvable associative algebras*, **Monatsh. Math.** **181** (2016), pag. 1 – 31
489. T. Zhang, Extending structures for 3-Lie algebras, **Comm. Algebra** **50** (2022), pag. 1469 – 1497
Citează: A.L. Agore, G. Militaru *Extending structures, Galois groups and supersolvable associative algebras*, **Monatsh. Math.** **181** (2016), pag. 1 – 31
490. N.P. Bao, Y.Y. Hong, Algebraic Constructions for Novikov-Poisson Algebras, **Mathematics** **10** (2022), pag. 1 – 18
Citează: A.L. Agore, G. Militaru *Extending structures I: the level of groups*, **Algebr. Represent. Theory** **(17)** (2014), pag. 831–848.
491. T. Zhang, Unified Products for Braided Lie Bialgebras with Applications, **J. Lie Theory** **32** (2022), pag. 671 – 696
Citează: A.L. Agore, G. Militaru *Extending structures I: the level of groups*, **Algebr. Represent. Theory** **(17)** (2014), pag. 831–848.
492. O. Esen, O. G. Ozcan, S. Sutlu, On Extensions, Lie-Poisson Systems, and Dissipation, **J. Lie Theory** **32** (2022), pag. 327 – 382
Citează: A.L. Agore, G. Militaru *Extending structures I: the level of groups*, **Algebr. Represent. Theory** **(17)** (2014), pag. 831–848.
493. L. Centrone, A. Dushimirimana, S. Findik, On Nowicki’s conjecture: a survey and a new result, **Turkish J. Math.** **46** (2022), pag. 1709 – 1734
Citează: A.L. Agore, G. Militaru *The global extension problem, crossed products and co-flag non-commutative Poisson algebras*, **J. Algebra** **426** (2015), pag. 1 – 31
494. T. Zhang, Unified Products for Braided Lie Bialgebras with Applications, **J. Lie Theory** **32** (2022), pag. 671 – 696
Citează: A.L. Agore, G. Militaru *The global extension problem, crossed products and co-flag non-commutative Poisson algebras*, **J. Algebra** **426** (2015), pag. 1 – 31
495. D.G. Wang, X.D. Cheng, D.W. Lu, Bicrossed products of generalized Taft algebras and group algebras, **Czech. Math. J.** **72** (2022), pag. 801 – 816
Citează: A.L. Agore *Classifying bicrossed products of two Taft algebras*, **J. Pure Appl. Algebra** **222** (2018), pag. 914 – 930

496. T. Zhang, Extending structures for 3-Lie algebras, **Comm. Algebra** **50** (2022), pag. 1469 – 1497
Citează: A.L. Agore, G. Militaru, *Ito's theorem and metabelian Leibniz algebras*, **Linear & Multilinear Algebra** **63** (2015), pag. 2187 – 2199
497. D.G. Wang, X.D. Cheng, D.W. Lu, Bicrossed products of generalized Taft algebras and group algebras, **Czech. Math. J.** **72** (2022), pag. 801 – 816
Citează: A.L. Agore *Hopf algebras which factorize through the Taft algebra and the group Hopf algebra $K[C_n]$* , **Symmetry Integrability Geom. Methods Appl.** **14** (2018), pag. 1 – 14
498. D.G. Wang, X.D. Cheng, D.W. Lu, Bicrossed products of generalized Taft algebras and group algebras, **Czech. Math. J.** **72** (2022), pag. 801 – 816
Citează: A.L. Agore, L. Nastasescu *Bicrossed products with the Taft algebra*, **Archiv Math.** **113** (2019), pag. 21 – 36
499. T. Zhang, Extending structures for 3-Lie algebras, **Comm. Algebra** **50** (2022), pag. 1469 – 1497
Citează: A.L. Agore, G. Militaru *Bicrossed Products, Matched Pair Deformations and the Factorization Index for Lie Algebras*, **Symmetry Integrability Geom. Methods Appl.** **10** (2014), pag. 1 – 16
500. H.X. Zhu, Z.L. Ying, Radford's theorem about Hopf braces, **Comm. Algebra** **50** (2022), pag. 1426 – 1440
Citează: A.L. Agore *Constructing Hopf braces*, **Int. J. Math.** **30** (2019), pag. 1 – 17
501. G. Militaru, The Automorphisms Group and the Classification of Gradings of Finite Dimensional Associative Algebras, **Results in Math.** **77** (2022), pag. 1 – 13
Citează: A.L. Agore, G. Militaru *A new invariant for finite dimensional Leibniz/Lie algebras*, **J. Algebra** **562** (2020), pag. 390 – 409
502. G. Militaru, The Automorphisms Group and the Classification of Gradings of Finite Dimensional Associative Algebras, **Results in Math.** **77** (2022), pag. 1 – 13
Citează: A.L. Agore *Universal coacting Poisson Hopf algebras*, **Manuscripta Math.** **165** (2021), pag. 255 – 268
503. T. Coconet and C. Todea, Symmetric Hochschild cohomology of twisted group algebras, **Homology Homotopy Appl.** **24** (2022), pag. 93–115
Citează: M. D. Staic, *From 3-algebras to Δ -groups and symmetric cohomology*, **J. Algebra** **322** (2009), pag. 1360–1378
504. T. Coconet and C. Todea, Symmetric Hochschild cohomology of twisted group algebras, **Homology Homotopy Appl.** **24** (2022), pag. 93–115
Citează: M. D. Staic, *Symmetric cohomology of groups in low dimension*, **Arch. Math. (Basel)** **93** (2009), pag. 205–211
505. A. Das, S. Mishra and A. Naolekar, Noncommutative differential calculus structure on secondary Hochschild (co)homology, **Comm. Algebra** **50** (2022), pag. 2349–2365
Citează: M. D. Staic, *Secondary cohomology and k -invariants*, **Bull. Belg. Math. Soc. Simon Stevin** **19** (2012), pag. 561–572
506. A. Das, S. Mishra and A. Naolekar, Noncommutative differential calculus structure on secondary Hochschild (co)homology, **Comm. Algebra** **50** (2022), pag. 2349–2365
Citează: M. D. Staic and A. Stancu, *Operations on the secondary Hochschild cohomology*, **Homology Homotopy Appl.** **17** (2015), pag. 129–146

507. A. Das, S. Mishra and A. Naolekar, Noncommutative differential calculus structure on secondary Hochschild (co)homology, **Comm. Algebra** **50** (2022), pag. 2349–2365
Citează: M. D. Staic, Secondary Hochschild cohomology, Algebr. Represent. Theory **19** (2016), pag. 47–56
508. A. Das, S. Mishra and A. Naolekar, Noncommutative differential calculus structure on secondary Hochschild (co)homology, **Comm. Algebra** **50** (2022), pag. 2349–2365
Citează: J. Laubacher, M. D. Staic and A. Stancu, Bar simplicial modules and secondary cyclic (co)homology, J. Noncommut. Geom. **12** (2018), pag. 865–887
509. S. Carolus and M. D. Staic, G -algebra structure on the higher order Hochschild cohomology $H_{S^2}^*(A, A)$, **Algebra Colloq.** **29** (2022), pag. 113–124
Citează: M. D. Staic and A. Stancu, Operations on the secondary Hochschild cohomology, Homology Homotopy Appl. **17** (2015), pag. 129–146
510. S. Carolus and M. D. Staic, G -algebra structure on the higher order Hochschild cohomology $H_{S^2}^*(A, A)$, **Algebra Colloq.** **29** (2022), pag. 113–124
Citează: M. D. Staic, Secondary Hochschild cohomology, Algebr. Represent. Theory **19** (2016), pag. 47–56
511. M. D. Staic and J. Van Grinsven, A geometric application for the \det^{S^2} map, **Comm. Algebra** **50** (2022), pag. 1106–1117
Citează: S. Carolus and M. D. Staic, G-algebra structure on the higher order Hochschild cohomology $H_{S^2}^(A, A)$, Algebra Colloq.* **29** (2022), pag. 113–124
512. S. Lippold, M. D. Staic and A. Stancu, Edge partitions of the complete graph and a determinant-like function, **Monatsh. Math.** **198** (2022), pag. 819–858
Citează: S. Carolus and M. D. Staic, G-algebra structure on the higher order Hochschild cohomology $H_{S^2}^(A, A)$, Algebra Colloq.* **29** (2022), pag. 113–124
513. S. Lippold, M. D. Staic and A. Stancu, Edge partitions of the complete graph and a determinant-like function, **Monatsh. Math.** **198** (2022), pag. 819–858
Citează: M. D. Staic and J. Van Grinsven, A geometric application for the \det^{S^2} map, Comm. Algebra **50** (2022), pag. 1106–1117
514. M. D. Staic and S. Lippold, Partitions of the complete hypergraph K_6^3 and a determinant-like function, **J. Algebraic Combin.** **56** (2022), pag. 969–1003
Citează: S. Carolus and M. D. Staic, G-algebra structure on the higher order Hochschild cohomology $H_{S^2}^(A, A)$, Algebra Colloq.* **29** (2022), pag. 113–124
515. M. D. Staic and S. Lippold, Partitions of the complete hypergraph K_6^3 and a determinant-like function, **J. Algebraic Combin.** **56** (2022), pag. 969–1003
Citează: S. Lippold, M. D. Staic and A. Stancu, Edge partitions of the complete graph and a determinant-like function, Monatsh. Math. **198** (2022), pag. 819–858
516. M. D. Staic and S. Lippold, Partitions of the complete hypergraph K_6^3 and a determinant-like function, **J. Algebraic Combin.** **56** (2022), pag. 969–1003
Citează: M. D. Staic and J. Van Grinsven, A geometric application for the \det^{S^2} map, Comm. Algebra **50** (2022), pag. 1106–1117
517. P. Bousseau, Scattering diagrams, stability conditions, and coherent sheaves on \mathbb{P}^2 , **J. Alg. Geom.** **31** (2022), pag. 593–686
Citează: J.-M. Drézet, M. Maican, On the geometry of the moduli spaces of semi-stable sheaves supported on plane quartics, Geom. Ded. **152** (2011), pag. 17–49

518. P. Bousseau, Scattering diagrams, stability conditions, and coherent sheaves on \mathbb{P}^2 , **J. Alg. Geom.** **31** (2022), pag. 593–686
Citează: M. Maican, *On the moduli spaces of semi-stable plane sheaves of dimension one and multiplicity five*, **Illinois J. Math.** **55** (2011), pag. 1467–1532
519. P. Bousseau, Scattering diagrams, stability conditions, and coherent sheaves on \mathbb{P}^2 , **J. Alg. Geom.** **31** (2022), pag. 593–686
Citează: M. Maican, *The homology groups of certain moduli spaces of plane sheaves*, **Int. J. Math.** **24** (2013), Article ID 1350098, 42 p.
520. P. Bousseau, Scattering diagrams, stability conditions, and coherent sheaves on \mathbb{P}^2 , **J. Alg. Geom.** **31** (2022), pag. 593–686
Citează: J. Choi, M. Maican, *Torus action on the moduli spaces of torsion plane sheaves of multiplicity four*, **J. Geom. Phys.** **83** (2014), pag. 18–35
521. P. Bousseau, Scattering diagrams, stability conditions, and coherent sheaves on \mathbb{P}^2 , **J. Alg. Geom.** **31** (2022), pag. 593–686
Citează: M. Maican, *The classification of semistable plane sheaves supported on sextic curves*, **Kyoto J. Math.** **53** (2013), pag. 739 – 786
522. A. Uciechowska-Grakowicz, Multiphysics modeling of groundwater flow on the example of a coupled thermo-hydro-mechanical model of infiltration of water warmer or cooler than the surroundings, **Water Resource Modeling and Computational Technologies (volume 7)**, **Elsevier** (2022), pag. 1–229
Citează: H.I. Ene , D. Polișevki, *Thermal Flow in Porous Media*, **Springer New York Heidelberg (D.Reidel Pub.Co., Dordrecht, Holland)** (1987), 208 pages
523. V. Mityushev, Effective properties of two-dimensional dispersed composites. Part II. Revision of self-consistent methods, **Computers & Mathematics with Applications** **121(1)** (2022), pag. 74–84
Citează: H.I. Ene , D. Polișevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052–1059
524. R. Bunoiu, C. Timofte, Upscaling of a double porosity problem with jumps in thin porous media, **Applicable Analysis** **101(9)** (2022), pag. 3497–3514
Citează: D. Polișevki, *The regularized diffusion in partially fractured porous media*, **Current Topics in Continuum Mechanics, vol.2**, **L. Dragos (editor)**, **Ed. Academiei Romane** (2003), pag. 105–116
525. R. Bunoiu, C. Timofte, Asymptotic Analysis for a Diffusion Problem in Thin Filtering Materials, **Romanian Reports in Physics** **74(107)** (2022), pag. 1–12
Citează: H.I. Ene , D. Polișevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052–1059
526. R. Bunoiu, C. Timofte, Asymptotic Analysis for a Diffusion Problem in Thin Filtering Materials, **Romanian Reports in Physics** **74(107)** (2022), pag. 1–12
Citează: D. Polișevki, R. Schiltz-Bunoiu, *Heat conduction through a first-order jump interface*, **New Trends in Continuum Mechanics**, **M. Mihăilescu-Suliciu (editor)**, **Theta Series in Advanced Mathematics** (2005), pag. 225–230
527. R. Bunoiu, C. Timofte, Upscaling of a double porosity problem with jumps in thin porous media, **Applicable Analysis** **101(9)** (2022), pag. 3497–3514
Citează: D. Polișevki, R. Schiltz-Bunoiu, *Heat conduction through a first-order jump interface*,

New Trends in Continuum Mechanics, M. Mihăilescu-Suliciu (editor), Theta Series in Advanced Mathematics (2005), pag. 225–230

528. J.G.H. Santiago, B.C. Cabarrubias, Homogenization of a quasilinear problem with semilinear terms in a two-component domain, **Applicable Analysis** (2022), pag. 1–23
Citează: H.I. Ene, D. Poliřevki, Model of diffusion in partially fissured media, J. Appl. Math. Phys. (ZAMP), 53(6) (2002), pag. 1052–1059
529. R. Bunoiu, C. Timofte, Asymptotic Analysis for a Diffusion Problem in Thin Filtering Materials, **Romanian Reports in Physics 74(107)** (2022), pag. 1–12
Citează: I. Gruais, D. Poliřevki, Heat transfer models for two-component media with interfacial jump, Applicable Analysis 96(2) (2017), pag. 247–260
530. R. Kornhuber, J. Podlesny, H. Yserentant, Numerical homogenization of fractal interface problems, **ESAIM: Mathematical Modelling and Numerical Analysis(M2AN) 56(4)** (2022), pag. 1451–1481
Citează: I. Gruais, D. Poliřevki, Heat transfer models for two-component media with interfacial jump, Applicable Analysis 96(2) (2017), pag. 247–260
531. R. Diaconescu, Preservation in many-valued truth institutions, **Fuzzy Sets and Systems** (2022)
Citează: R. Diaconescu, I. Ţuţu: On the Algebra of Structured Specifications, Theoretical Computer Science 412:28 (2011), pag. 3145 – 3174
532. R. Diaconescu, The Axiomatic Approach to Non-Classical Model Theory, **Mathematics 10:19** (2022)
Citează: I. Ţuţu, J.L. Fiadeiro: From Conventional to Institution-Independent Logic Programming, Journal of Logic and Computation 27:6 (2017), pag. 1679 – 1716
533. R. Diaconescu, The Axiomatic Approach to Non-Classical Model Theory, **Mathematics 10:19** (2022)
Citează: I. Ţuţu, J.L. Fiadeiro: Service-Oriented Logic Programming, Logical Methods in Computer Science 11:3 (2015), pag. 1–37
534. D.D. Tran, K. Ogata, Formal verification of TLS 1.2 by automatically generating proof scores, **Computers & Security 123** (2022)
Citează: D. Găină, I. Ţuţu, A. Riesco: Specification and Verification of Invariant Properties of Transition Systems, 25th Asia-Pacific Software Engineering Conference (2018), pag. 99–108
535. A. Riesco, K. Ogata, An integrated tool set for verifying CafeOBJ specifications, **Journal of Systems and Software 189** (2022)
Citează: D. Găină, I. Ţuţu, A. Riesco: Specification and Verification of Invariant Properties of Transition Systems, 25th Asia-Pacific Software Engineering Conference (2018), pag. 99–108
536. D.D. Tran, K. Ogata, IPSG: Invariant Proof Score Generator, **2022 IEEE 46th Annual Computers, Software, and Applications Conference (COMPSAC)** (2022)
Citează: D. Găină, I. Ţuţu, A. Riesco: Specification and Verification of Invariant Properties of Transition Systems, 25th Asia-Pacific Software Engineering Conference (2018), pag. 99–108

537. R. Hennicker, A. Knapp, Specification of systems with parameterised events: An institution-independent approach, **Journal of Logical and Algebraic Methods in Programming** **128** (2022)
Citează: I. Țuțu, C.E. Chiriță, J.L. Fiadeiro: *Dynamic Reconfiguration via Typed Modalities*, **FM 2021, LNCS 13047** (2021), pag. 599 – 615
538. E. Davoli, C. Crisbeck, On Static and Evolutionary Homogenization in Crystal Plasticity for Stratified Composites, **Research in Mathematics of Materials Science** (2022), pag. 159 – 183
Citează: A. Mielke and A. Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
539. A. Mielke, S. Reichelt, Traveling Fronts in a Reaction Diffusion Equation with a Memory Term, **Journal of Dynamics and Differential Equations** (2022)
Citează: A. Mielke and A. Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
540. Tomoyuki Oka, Corrector results for space-time homogenization of nonlinear diffusion, **Mathematics and Mechanics of Complex Systems** **10** (2022), pag. 171 – 190
Citează: A. Mielke and A. Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
541. M. Heida, S. Neukamm, and M. Varga, Stochastic Two-Scale Convergence and Young Measures, **17** (2022), pag. 227–254
Citează: A. Mielke and A. Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
542. A.I. Raad, A generalization of Renault’s theorem for Cartan subalgebras, **Proc. Amer. Math. Soc.** **150** (2022), pag. 4801–4809
Citează: V. Timofte, A. Timofte *Generalized Dini theorems for nets of functions on arbitrary sets*, **Positivity** **20** (2016), pag. 171 – 185
543. Y.M. Luo, On the local in time well-posedness of an elliptic-parabolic ferroelectric phase-field model, **Nonlinear Analysis-Real World Applications** **65** (2022),
Citează: A. Mielke, A. M. Timofte *An energetic material model for time-dependent ferroelectric behaviour: existence and uniqueness*, **Mathematical methods in the applied sciences** **29**(2006), pag. 1393–1410
544. I. Chifan, A. Diaz-Arias și D. Drâmbe: *W^* and C^* -superrigidity results for coinduced groups*, **Journal of Functional Analysis** **284**(1) : 109730
Citează: I. Chifan, T. Sinclair și B. Udrea: *On the structural theory of II_1 factors of negatively curved groups, II: Actions by product groups* **Adv. Math.** **245** (2013), 208—236.
545. Kohr, M and Nistor, V, Sobolev spaces and del-differential operators on manifolds I: basic properties and weighted spaces, *Annals Global Analysis Geometry* **61** (2022), pag. 721 – 758
Citează: Golenia, S; Moroiianu, S *Spectral analysis of magnetic Laplacians on conformally cusp manifolds*, **Ann Henri Poincare** **9** (2008), pp.131 – 179

546. Kohr, M and Nistor, V, Sobolev spaces and del-differential operators on manifolds I: basic properties and weighted spaces, *Annals Global Analysis Geometry* 61 (2022), pag. 721 – 758
Citează: Moroianu, S, *Weyl laws on open manifolds*, **Mathematische Annalen** 340 (2008) , pag. 1 – 21
547. Kohr, M and Nistor, V, Sobolev spaces and del-differential operators on manifolds I: basic properties and weighted spaces, *Annals Global Analysis Geometry* 61 (2022), pag. 721 – 758
Citează: Golenia, S; Moroianu, S *The spectrum of Schrodinger operators and Hodge Laplacians on conformally cusp manifolds*, **Transactions AMS** 364 (2012) , pag. 1 – 29.
548. Flamencourt, B, A generalized MIT Bag operator on spin manifolds in the non-relativistic limit, *Journal of Geometry and Physics* 178 (2022)
Citează: Bourguignon, JP; Hijazi, O; Milhorat, JL; Moroianu, A; Moroianu, Sergiu *A Spinorial Approach to Riemannian and Conformal Geometry* **EMS Press** (2015).
549. Kycia, RA, The Poincare Lemma for Codifferential, Anticoexact Forms, and Applications to Physics *Result in Mathematics* 77 (2022)
Citează: Bourguignon, JP; Hijazi, O; Milhorat, JL; Moroianu, A; Moroianu, Sergiu *A Spinorial Approach to Riemannian and Conformal Geometry* **EMS Press** (2015).
550. Baldauf, J and Ozuch, T, Spinors and mass on weighted manifolds *Comm Math Phys* 394 (2022) , pp.1153-1172
Citează: Bourguignon, JP; Hijazi, O; Milhorat, JL; Moroianu, A; Moroianu, Sergiu *A Spinorial Approach to Riemannian and Conformal Geometry* **EMS Press** (2015).
551. de Lima, LL, The scalar curvature in conical manifolds: some results on existence and obstructions *Ann Global Analysis Geom* 61 (2022) , pp.641-661
Citează: Bourguignon, JP; Hijazi, O; Milhorat, JL; Moroianu, A; Moroianu, Sergiu *A Spinorial Approach to Riemannian and Conformal Geometry* **EMS Press** (2015).
552. Barvinsky, AO and Wachowski, W, Heat kernel expansion for higher order minimal and non-minimal operators *Physical Review D* 105 (2022)
Citează: Bar, C and Moroianu, S *Heat kernel asymptotics for roots of generalized Laplacians*, **International Journal of Mathematics** 14 (2003) , pp.397-412
553. Park, S and Pyo, J, Chern-Ricci harmonic functions on zero mean curvature surfaces in the three-dimensional Lorentz-Minkowski space and the rigidity of Enneper's surface *Journal of Mathematical Analysis and Applications* 514 (2022)
Citează: Moroianu, A and Moroianu, S *Ricci surfaces*, **Annali Scuola Normale Pisa** 14 (2015) , pp.1093-1118
554. Andrada, A and Villacampa, R, Bismut connection on Vaisman manifolds *Math Zeitschrift* 302 (2022) , pp.1091-1126
Citează: Moroianu, A; Moroianu, S and Ornea, L, *Locally conformally Kahler manifolds with holomorphic Lee field* **Diff Geom Appl** 60 (2018), pag. 33 – 38.
555. Boucetta, M, On the Hermitian structures of the sequence of tangent bundles of an affine manifold endowed with a Riemannian metric *Complex Manifolds* 9 (2022) , pag. 18 – 51
Citează: Moroianu, A; Moroianu, S and Ornea, L, *Locally conformally Kahler manifolds with holomorphic Lee field* **Diff Geom Appl** 60 (2018), pag. 33 – 38.
556. Schlenker, JM and Witten, E, No ensemble averaging below the black hole threshold, *Journal of High Energy Physics* 7 (2022)

Citează: Ciobotaru, C and Moroianu, S *Positivity of the renormalized volume of almost-fuchsian hyperbolic 3-manifolds*, **Proc AMS** **144** (2016) , pag. 151 – 159.

557. Schlenker, JM and Witten, E, No ensemble averaging below the black hole threshold, *Journal of High Energy Physics* **7** (2022)
Citează: Guillarmou, C; Moroianu, S and Rochon, F, *Renormalized volume on the Teichmüller space of punctured surfaces*, **Annali Scuola Normale Pisa** **17** (2017) , pag. 323 – 384
558. Colombo, F and Kimsey, DP, The spectral theorem for normal operators on a Clifford module *Analysis Math Phys* **12** (2022)
Citează: Moroianu, A and Moroianu, S, *The Dirac spectrum on manifolds with gradient conformal vector fields* **J. Funct Analysis** **253** (2007) , pag. 207 – 219
559. M. de Borbon, E. Legendre, Toric Sasaki-Einstein metrics with conical singularities, **Selecta Math** **28** (3) (2022), 40 pag.
Citează: D. Calderbank, L. David, P. Gauduchon *The Guillemin formula and Kahler metrics on toric symplectic manifolds* , **J Symplectic Geom** **1** (4) (2004), pag. 767 – 784
560. A. Ben Hassin, T. Chtioui, Maalaoui M. A., Mabrouk S., On Hom-F-manifold algebras and quantization **Turkish J Math** **46** (4) (2022), pag 1153 - 1176.
Citează: L. David, I Strachan *Dubrovin's duality for F-manifolds with eventual identities*, **Adv Math** **266** (5) 1 (4) (2011), pag. 4031 - 4060
561. A. Ben Hassin, T. Chtioui, Maalaoui M. A, Mabrouk S., On Hom-F-manifold algebras and quantization **Turkish J Math** **46** (4) (2022), pag 1153 - 1176
Citează: L. David , I. Strachan: *Compatible metrics on a manifold and non-local bihamiltonian structures*, **Int Math Res Notices** (2017), pag. 1121 – 1152
562. F. Valencia, C. Varea, Invariant generalized almost complex structures on real flag manifolds, **J Geom Anal** **32** (12) (2022)
Citează: D. Alekseevsky, L. David , *Invariant generalized complex structures on Lie groups*, **Proc London Math Soc** **105** (2021), pag. 703 – 729
563. M. Bischoff and C. Jones, Computing fusion rules for spherical G-extensions of fusion categories, **Sel. Math. New Ser.** **28** (2022), Paper No. 26, 39 pp.
Citează: S. Burciu, S. Natale, Popescu *Fusion rules of equivariantizations of fusion categories*, **J. Math. Phys.** **54** (2013), 013511–21
564. T. Karadağ, Gerstenhaber bracket on Hopf algebra and Hochschild cohomologies, **Journal of Pure and Applied Algebra** **226** (2022), Paper No. 106903, 18 pp.
Citează: S. Burciu, S. Witherspoon *Hochschild cohomology of smash products and rank one Hopf algebras*, **Biblioteca de la Revista Matematica Iberoamericana** (2007), pag. 153 – 170
565. E. Horváth, H.A. Janabi, Constructing group inclusions with arbitrary depth via wreath products, **Period Math Hung** (2022),
Citează: S. Burciu, L. Kadison, B. Külshammer *On subgroup depth*, **Int. Electron. J. Algebra** **9** (2011), pag. 133–166 (With an appendix by S. Danz and B. Külshammer)
566. R. Laugwitz, C. Walton, Constructing Non-Semisimple Modular Categories With Relative Monoidal Centers, **International Mathematics Research Notices** **20** (2022), pag. 15826–15868
Citează: S. Burciu, *A class of Drinfeld doubles that are ribbon algebras*, **J. Algebra** **320** (2008), pag. 2053 – 2078

567. S. Peluse, K. Soundararajan, Almost all entries in the character table of the symmetric group are multiples of any given prime, **J. Reine Angew. Math.** **786** (2022), pag. 45 – 53
Citează: A. Malik, F. Stan, A. Zaharescu, *The Siegel norm, the length function and character values of finite groups*, **Indag. Math. (N.S.)** **25** (2014), pag. 475 – 486
568. J. McKee, B.-K. Oh, C. Smyth, The Cassels heights of cyclotomic integers, **Math. Z.** **302** (2022), pag. 1785 – 1796
Citează: F. Stan, A. Zaharescu, *Siegel's trace problem and character values of finite groups*, **J. Reine Angew. Math.** **637** (2009), pag. 217 – 234
569. Zhao Zhang, Arthur Salamatin, Fei Peng, Konstantin G. Kornev, Dip coating of cylinders with Newtonian fluids, **Journal of Colloid and Interface Science** **607** (2022), pag. 502-513,
Citează: P. Daripa and G. Pasa, *The thickening effect of interfacial surfactant in the drag-out coating problem*, **J. Statistical Mechanics: Theory and Experiment**, **July 2009** (2009), doi:10.1088/1742-5468/2009/07/L07002
570. V. G. Kozlov and M. A. Petukhova, Liquid free boundary in vertical gap subject to modulated rotation, **Journal of Phys.: Conf. Series**, **2317** (2022), pag. 012008, DOI: 10.24412/2658-5421-2021-10-139-150,
Citează: G. Pasa and O. Titaud: *A class of viscosity profiles for oil displacement in porous media or Hele-Shaw cell*, **Transport in Porous Media** **58** (2005), pag. 269-86
571. Cyrille Couture, Athanasios Papazoglou, Alessandro Tengattini, Pierre Bésuelle, Gioachin Viggian, X-Ray Imaging of Immiscible Fluid Fingering Patterns in a Natural High Porosity Rock, **Frontiers in Physics**, **Frontiers** **10** (2022), pag.839368.
Citează: P. Daripa and G. Pasa, *On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media*, **Transport in Porous Media** **75** (2008), pag. 1–16.
572. John Fabricius, Salvador Manjate and Peter Wall, On pressure-driven Hele–Shaw flow of power-law fluids , **Applicable Analysis** **101** (2022) pag. 5107-5137
Citează: G. Pasa, *Some non-Newtonian effects in Hele-Shaw displacements*, **Revue Roumaine Math. Pures Appl.**, **61** (2016), pag. 293-304.
573. Dejun Wu, Kang Zhou, Fangjian Zhao, Xuejiao Lu, Zhibin An, Shuai Liu and Jian Hou, Determination of Permeability Contrast Limits for Applying Polymer Solutions and Viscoelastic Particle Suspensions in Heterogeneous Reservoirs, **Energy Fuels** **34** (2022), pag. 7495–7506
Citează: P. Daripa and G. Pasa, *An optimal viscosity profile in enhanced oil recovery by polymer flooding*, **International Journal of Engineering Science** **42** (2004), pag. 2029-2039.
574. Y. Ju, C. Xi, J. Zheng, W. Gong, J. Wu, S. Wang, L. Mao, Study on three-dimensional immiscible water–Oil two-phase displacement and trapping in deformed pore structures subjected to varying geostress via in situ computed tomography scanning and additively printed models, **International Journal of Engineering Science** **171**(2022), 103615, <https://doi.org/10.1016/j.ijengsci.2021>
Citează: P. Daripa and G. Pasa, *An optimal viscosity profile in enhanced oil recovery by polymer flooding*, **International Journal of Engineering Science** **42** (2004), pag. 2029-2039.
575. Y. Ju, W. Gong, J. Zheng, Effects of pore topology on immiscible fluid displacement: Pore-scale lattice Boltzmann modelling and experiments using transparent 3D printed models, **Int. J. of Multiphase Flow** **152** (2022), 104085.
Citează: P. Daripa and G. Pasa, *An optimal viscosity profile in enhanced oil recovery by polymer flooding*, **International Journal of Engineering Science** **42** (2004), pag. 2029-2039.

576. A. Al Brahim and S. T. Thoroddsen, Bubble eruptions in a multilayer Hele-Shaw flow, **Phys. Rev. E** **105** (2022), 045101 – Published 4 April,
Citează: P. Daripa and G. Pasa, On the growth rate for three-layer Hele–Shaw flows: Variable and constant viscosity cases, International Journal of Engineering Science Volume 43(2005), pag. 877-884
577. V. Perez-Munuzuri, Stabilization of periodically forced Hele-Shaw flows by means of a nonmonotonic viscosity profile, **Phys. Rev. E** **105** (2022), 065104,
Citează: P. Daripa, G. Pasa, New bounds for stabilizing Hele–Shaw flows, Applied Mathematics Letters 18 (2005), pag. 1293-1303.
578. J. Nasernejad, M., Qureshi, A. A., Khashyarmansh, K., Roberts, L. G., Classes of normally and nearly normally torsion-free monomial ideals, **Comm. Algebra** (2022), pag. 1 – 19
Citează: R. Dinu, J. Herzog, A. Asloob Qureshi, Restricted classes of veronese type ideals and algebras, International Journal of Algebra and Computation 31(01) (2021), pag. 173 – 197
579. L. Amata, M. Crupi, A. Ficarra, Projective dimension and Castelnuovo–Mumford regularity of t -spread ideals, **Int. J. Algebra Computation** (2022), pag. 1 – 22
Citează: R. Dinu, J. Herzog, A. Asloob Qureshi, Restricted classes of veronese type ideals and algebras, Int. J. Alg. Comput. 31 (2021), pag. 173 – 197
580. Lin, Kuei-Nuan, Yi-Huang Shen, Blow-up algebras of secant varieties of rational normal scrolls, **Collect. Math.** (2022), pag. 1 – 32
Citează: R. Dinu, J. Herzog, A. Asloob Qureshi, Restricted classes of veronese type ideals and algebras, Int. J. Algebra Comput. 31 (2021), pag. 173 – 197
581. M. Reza-Rahmati, G. Flores, Graded Linearity of Stanley–Reisner Ring of Broken Circuit Complexes, **J. Math.** (2022)
Citează: A. Cameron, R. Dinu, M. Michalek, T. Seynnaeve, Flag matroids: algebra and geometry, in International Conference on Interactions with Lattice Polytopes Springer (2022), vol. 386
582. L. Amata, M. Crupi, A. Ficarra, A numerical characterization of the extremal Betti numbers of t -spread strongly stable ideals, **J. Alg. Combinatorics** **55** (2022), pag. 891 – 918
Citează: R. Dinu, Gorenstein t -spread Veronese algebras, Osaka J. Math. 57 (2020), pag. 935 – 947
583. L. Amata, M. Crupi, A. Ficarra, Projective dimension and Castelnuovo–Mumford regularity of t -spread ideals, **Int. J. Algebra Comput.** (2022), pag. 1 – 22
Citează: R. Dinu, Gorenstein t -spread Veronese algebras, Osaka J. Math. 57 (2020), pag. 935 – 947
584. M. Crupi, A. Ficarra, Classification of Cohen–Macaulay t -spread lexsegment ideals via simplicial complexes, **Illinois J. Math.** **1** (2022), pag. 1 – 30
Citează: R. Dinu, Gorenstein t -spread Veronese algebras, Osaka J. Math. 57 (2020), pag. 935 – 947
585. Lin, Kuei-Nuan, Yi-Huang Shen, Blow-up algebras of secant varieties of rational normal scrolls, **Collect. Math.** (2022), pag. 1 – 32
Citează: R. Dinu, Gorenstein t -spread Veronese algebras, Osaka J. Math. 57 (2020), pag. 935 – 947

586. J. Ahmad, K. Ullah, M. Arshad, Convergence, weak w^2 stability, and data dependence results for the F iterative scheme in hyperbolic spaces, **Numer. Alg.** (2022),
<https://doi.org/10.1007/s11075-022-01321-y>
Citează: L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemp. Math.** **513** (2010), pag. 193 – 209
587. M. Bakhshi, Prime \mathcal{L} -ideal spaces in hoop algebras, **Soft Computing** (2022),
<https://doi.org/10.1007/s00500-022-07599-3>
Citează: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **Journal of Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
588. M. Bakhshi, Prime \mathcal{L} -ideal spaces in hoop algebras, **Soft Computing** (2022),
<https://doi.org/10.1007/s00500-022-07599-3>
Citează: L. Leuştean, *The prime and maximal spectra and the reticulation of BL -algebras*, **Central European Journal of Mathematics** **1** (2003), pag. 382 – 397
589. A. Bërdëllima, F. Lauster, D. Russell Luke, α -Firmly nonexpansive operators on metric spaces, **Journal of Fixed Point Theory and Applications** **24** (2022), Article number: 14
Citează: L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
590. A. Bërdëllima, F. Lauster, D. Russell Luke, α -Firmly nonexpansive operators on metric spaces, **Journal of Fixed Point Theory and Applications** **24** (2022), Article number: 14
Citează: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Trans. Amer. Mathe. Soc.** **366** (2014), pag. 4299 – 4322
591. R.A. Borzooei, M.A. Kologani, X.L. Xin, Y. B. Jun, On annihilators in hoops, **Soft Computing** **26** (2022), pag. 6969 – 6980
Citează: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **J. Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
592. W. Chen, Z. Chen, H. Wang, Quasi-pseudo-hoops: An Extension to Pseudo-hoops, **Journal of Multiple-Valued Logic and Soft Computing** **38** (2022), pag. 299 – 331
Citează: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **Journal of Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
593. J.P. Contreras, R. Cominetti, Optimal error bounds for non-expansive fixed-point iterations in normed spaces, **Mathematical Programming** (2022),
<https://doi.org/10.1007/s10107-022-01830-7>
Citează: L. Leuştean, *Rates of asymptotic regularity for Halpern iterations of nonexpansive mappings*, **Journal of Universal Computer Science** **13** (2007), pag. 1680 – 1691
594. B. Djafari Rouhani, V. Mohebbi, Proximal point methods with possible unbounded errors for monotone operators in Hadamard spaces, **Optimization** (2022),
<https://doi.org/10.1080/02331934.2022.2057854>
Citează: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Transactions of the American Mathematical Society** **366** (2014), pag. 4299 – 4322
595. B. Franci, S. Grammatico, Convergence of sequences: A survey, **Annual Reviews in Control** **53** (2022), pag. 161 – 186
Citează: U. Kohlenbach, L. Leuştean, A. Nicolae, *Quantitative results on Fejér monotone sequences*, **Communications in Contemporary Mathematics** **20** (2018), 1750015

596. G. Georgescu, Reticulation of a quantale, pure elements and new transfer properties, **Fuzzy Sets and Systems** **442** (2022), pag. 196 – 221
Citează: L. Leuştean, *Representations of many-valued algebras*, PhD Thesis, Universitatea din Bucureşti, 2004
597. F. Gürsoy, E. Hacıoglu, V. Karakaya, G.V. Milovanović, I. Uddi, Variational Inequality Problem Involving Multivalued Nonexpansive Mapping in $CAT(0)$ Spaces, **Results in Mathematics** **77** (2022), Article number: 131
Citează: L. Leuştean, *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, **Journal of Mathematical Analysis and Applications** **325** (2007), pag. 386 – 399
598. A.W. Gutiérrez, C. Walsh, Firm non-expansive mappings in weak metric spaces, **Archiv der Mathematik** **119** (2022), pag. 389 – 400
Citează: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Transactions of the American Mathematical Society** **366** (2014), pag. 4299 – 4322
599. S. Salisu, M.S. Minjibir, P. Kumam, S. Sriwongsa, Convergence theorems for fixed points in $CAT_p(0)$ spaces, **Journal of Applied Mathematics and Computing** (2022), <https://doi.org/10.1007/s12190-022-01763-6>
Citează: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Transactions of the American Mathematical Society** **366** (2014), pag. 4299 – 4322
600. J.Q. Shi, X.L. Xin, R.A. Borzooei, States on pseudo EQ-algebras, **Soft Computing** **26** (2022), pag. 13219 – 13231
Citează: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **Journal of Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
601. R. Shukla, R. Panicker, Some new fixed point theorems for nonexpansive-type mappings in geodesic spaces, **Open Mathematics** **20** (2022), pag. 1246 – 1260
Citează: L. Leuştean, *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, **Journal of Mathematical Analysis and Applications** **325** (2007), pag. 386 – 399
602. R. Shukla, R. Panicker, Some new fixed point theorems for nonexpansive-type mappings in geodesic spaces, **Open Mathematics** **20** (2022), pag. 1246 – 1260
Citează: L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
603. R. Shukla, R. Panicker, Some new fixed point theorems for nonexpansive-type mappings in geodesic spaces, **Open Mathematics** **20** (2022), pag. 1246 – 1260
Citează: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Transactions of the American Mathematical Society** **366** (2014), pag. 4299 – 4322
604. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Computational Optimization and Applications** **83** (2022), pag. 349 – 380
Citează: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Transactions of the American Mathematical Society** **366** (2014), pag. 4299 – 4322
605. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Computational Optimization and Applications** **83** (2022), pag. 349 – 380

- Citează:* U. Kohlenbach, L. Leuştean, *Effective metastability of Halpern iterates in $CAT(0)$ spaces*, **Advances in Mathematics** **231** (2012), pag. 2526–2556
606. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Comput. Opt. Appl.** **83** (2022), pag. 349 – 380
Citează: L. Leuştean, P. Pinto, *Quantitative results on Halpern type proximal point algorithms*, **Comput. Opt. Appl.** **79** (2021), pag. 101 – 125
607. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Comput. Opt. Appl.** **83** (2022), pag. 349 – 380
Citează: H. Cheval, L. Leuştean, *Quadratic rates of asymptotic regularity for the Tikhonov-Mann iteration*, **Optimization Methods and Software** (2022),
 DOI: 10.1080/10556788.2022.2060974
608. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Comput. Opt. Appl.** **83** (2022), pag. 349 – 380
Citează: L. Leuştean, A. Nicolae, A note on an alternative iterative method for nonexpansive mappings **Journal of Convex Analysis** **24** (2017), pag. 501 – 503
609. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Comput. Opt. Appl.** **83** (2022), pag. 349 – 380
Citează: H. Cheval, U. Kohlenbach, L. Leuştean, *Quadratic rates of asymptotic regularity for the Tikhonov-Mann iteration*, arXiv:2203.11003 [math.OC] (2022)
610. A. Sipoş, On Extracting Variable Herbrand Disjunctions, **Studia Logica** **110** (2022), pag. 1115 – 1134
Citează: U. Kohlenbach, L. Leuştean, *Asymptotically nonexpansive mappings in uniformly convex hyperbolic spaces*, **Journal of the European Mathematical Society** **12** (2010), pag. 71 – 92
611. Y.J. Tang, X.L. Xin, X. Zhou, X. Xin, Spectra and reticulation of semihoops, **Open Mathematics** **20** (2022), pag. 1276 – 1287
Citează: L. Leuştean, *The prime and maximal spectra and the reticulation of BL-algebras*, **Central Eur. J. Math.** **1** (2003), pag. 382 – 397
612. X.L. Xin, Pseudo EQ-algebras, **Soft Computing** **26** (2022), pag. 1085–1099
Citează: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **Journal of Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
613. X.L. Xin, Pseudo EQ-algebras, **Soft Computing** **26** (2022), pag. 1085–1099
Citează: G. Georgescu, L. Leuştean, *Some classes of pseudo-BL-algebras*, **J. Australian Math. Soc.** **73** (2002), pag. 127 – 153
614. A. Zaslavski, Asymptotic Behavior of Iterates of a Generic Cyclical Nonexpansive Mapping, **Numerical Functional Analysis and Optimization** **43** (2022), pag. 116 – 125
Citează: U. Kohlenbach, L. Leuştean, *Asymptotically nonexpansive mappings in uniformly convex hyperbolic spaces*, **Journal of the European Mathematical Society** **12** (2010), pag. 71 – 92
615. N.-B. Dang, C. Favre, Intersection theory of nef b -divisor classes, **Compos. Math.** 158 (2022), no. 7, 1563–1594
Citează I. Chiose *The Kähler rank of compact complex manifolds*, **J. Geom. Anal.** **26** (2016), pag. 603 – 615

616. A. Otiman, Special Hermitian metrics on Oeljeklaus - Toma manifolds, **Bull. Lond. Math. Soc.** (54) (2022), no. 2, 655–667
Citează I. Chiose *Obstructions to the existence of Kähler structures on compact complex manifolds*, **Proc. Amer. Math. Soc.** 142 (2014), no. 10, 3561–3568
617. E.Yu. Guseva, On the inverse closedness of the subalgebra of local absolutely summing operators, **Itogi Nauki i Tekhniki. Ser. Sovrem. Mat. Pril. Temat. Obz.** 207 (2022), pag. 27–36
Citează: I. Belțiță, D. Belțiță, Inverse-closed algebras of integral operators on locally compact groups, **Ann. Henri Poincaré** 16 (2015), no. 5, 1283–1306.
618. D. Jauré, M. Măntoiu, Symmetry and spectral invariance for topologically graded C^* -algebras and partial action system, **Bull. Lond. Math. Soc.** 54 (2022), no. 4, 1448–1469
Citează: I. Belțiță, D. Belțiță, Inverse-closed algebras of integral operators on locally compact groups, **Ann. Henri Poincaré** 16 (2015), no. 5, 1283–1306.
619. E. Bédos, U. Enstad, J. T. van Velthoven, Smooth lattice orbits of nilpotent groups and strict comparison of projections, **J. Funct. Anal.** 283 (2022), no. 6, Paper No. 109572, 48 pp.
Citează: I. Belțiță, D. Belțiță, Modulation spaces of symbols for representations of nilpotent Lie groups, **J. Fourier Anal. Appl.** 17 (2011), no. 2, 290–319.
620. M. Martin, Holomorphic spectral theory: a geometric approach, **Complex Anal. Oper. Theory** 16 (2022), no. 5, Paper No. 64, 39 pp.
Citează: D. Belțiță, *Smooth homogeneous structures in operator theory*, **Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics**, 137 (2006).
621. E. Chiumiento, P. Massey, On restricted diagonalization, **J. Funct. Anal.** 282 (2022), no. 4, Paper No. 109342, 32 pp.
Citează: D. Belțiță, *Smooth homogeneous structures in operator theory*, **Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics**, 137 (2006).
622. Z. Lángi, A solution to some problems of Conway and Guy on monostable polyhedra, **Bull. London Math. Soc.** 54 (2022), pag. 501 – 516
Citează: I. Bárány, J. Itoh, C.Vîlcu, T. Zamfirescu, *Every point is critical*, **Adv. Math.** 235 (2013), pag. 390 – 397
623. Z. Lángi, A solution to some problems of Conway and Guy on monostable polyhedra, **Bull. London Math. Soc.** 54 (2022), pag. 501 – 516
Citează: J. Itoh, C.Vîlcu, T. Zamfirescu, *With respect to whom are you critical?*, **Adv. Math.** 369 (2020), 107187
624. Y. Zhang, Y. Shen, L. Zhu, N. Huang, P. Hu, Extracting Skeletons of Two-Manifold Triangular Mesh Surface for Planning Skeleton-Guided Five-Axis Surface Inspection Path **J. Manuf. Sci. Eng.** 144 (2022), 121005 (12 pag.), Paper No: MANU-21-1268
Citează: J. Itoh, C. Vîlcu, *Cut Locus Structures on Graphs*, **Discrete Math.** 312 (2012), pag. 524 – 531
625. T. Zamfirescu, Ellipses surrounding convex bodies, **An. St. Univ. Ovidius Constanta** 30 (2022), pag. 273 – 282
Citează: A. Rivière, J. Rouyer, C. Vîlcu, T. Zamfirescu, *Double normals of most convex bodies*, **Adv. Math.** 343 (2019), pag. 245 – 272

626. J. O'Rourke, C Vilcu, Simple Closed Quasigeodesics on Tetrahedra, **Information 13** (2022), 238
Citează: J. Rouyer, C. Vilcu, *Sets of tetrahedra, defined by maxima of distance functions*, **An. St. Univ. Ovidius Constanta 20** (2012), pag. 197 – 212
627. J. O'Rourke, C. Vilcu, Simple Closed Quasigeodesics on Tetrahedra, **Information 13** (2022), 238
Citează: J. O'Rourke, C. Vilcu, *Reshaping Convex Polyhedra*, arXiv:2107.03153.
628. Veldman, D. W. M.; Zuazua, E. A framework for randomized time-splitting in linear-quadratic optimal control. *Numer. Math.* 151 (2022), no. 2, 495–549
Citează: Ignat, Liviu I. (R-AOS) *A splitting method for the nonlinear Schrödinger equation*, **J. Differential Eq.** 250 (2011), no. 7, 3022–3046.
629. Kairzhan, Adilbek; Noja, Diego; Pelinovsky, Dmitry E. Standing waves on quantum graphs., **J. Phys. A** 55 (2022), no. 24, Paper No. 243001, 51 pp.
Citează: Banica, Valeria (F-EVERY-MMD); Ignat, Liviu I. (R-AOS) *Dispersion for the Schrödinger equation on the line with multiple Dirac delta potentials and on delta trees. (English summary)* **Anal. PDE** 7 (2014), no. 4, 903–927.
630. Goloshchapova, Nataliia, Dynamical and variational properties of the NLS-delta's equation on the star graph. **J. Differential Equations** 310 (2022), 1–44.
Citează: Banica, Valeria (F-EVERY-MMD); Ignat, Liviu I. (R-AOS) *Dispersion for the Schrödinger equation on the line with multiple Dirac delta potentials and on delta trees. (English summary)* **Anal. PDE** 7 (2014), no. 4, 903–927.
631. Kohr, M and Nistor, V, Sobolev spaces and del-differential operators on manifolds I: basic properties and weighted spaces, **Annals of Global Analysis and Geometry** 61 (4) (2022), pp.721-758
Citează: Iftimie, V; Mantoiu, M and Purice, R, Magnetic pseudodifferential operators **Publications RIMS** 43 (3) (2007), pp.585-623
632. Gao, L; Junge, M and McDonald, E, Quantum Euclidean spaces with noncommutative derivatives, **Journal of Noncommutative Geometry** 16 (1) (2022), pp.153-213
Citează: Iftimie, V; Mantoiu, M and Purice, R, Magnetic pseudodifferential operators **Publications RIMS** 43 (3) (2007), pp.585-623
633. Ao, WW; Kwon, O and Lee, Y, Multi-bubbling condensates for the Maxwell-Chern-Simons model, **Calculus of Variations and Partial Differential Equations** 61 (1) (2022), Article number 34
Citează: A boundary value problem related to the Ginzburg-Landau model, **Communications in Mathematical Physics** 142 (1) (1991), pp.1-23
634. Rodiac, R and Ubillus, P, Renormalized energies for unit-valued harmonic maps in multiply connected domains, **Asymptotic Analysis** 128 (3) (2022), pp.413-444
Citează: A boundary value problem related to the Ginzburg-Landau model, **Communications in Mathematical Physics** 142 (1) (1991), pp.1-23
635. Renziehausen, K; Liu, KL and Barth, I, How to approximate the Dirac equation with the Mauser method, **Quantum Studies - Mathematics and Foundations** 9 (3) (2022), pp.287-332
Citează: Grigore, D R; Nenciu G and Purice R, On the non-relativistic limit of the Dirac Hamiltonian, **Annales de l'Institut Henri Poincaré - Physique Theorique** 51 (3) (1989), pp.231-263

636. Exner, P, Magnetic transport in laterally coupled layers **Physica Scripta** **97** (10) (2022), Article Number 104004
Citează: Măntoiu, M and Purice, R, Some propagation properties of the Iwatsuka model, **Communications in Mathematical Physics** **188** (3) (1997), pp.691-708
637. Măntoiu, M, On Persson's formula: an étale groupoid approach, **Israel J. Mathe.** **249** (2022), pp.899-933
Citează: Athmouni, N; Măntoiu, M and Purice, R, On the continuity of spectra for families of magnetic pseudodifferential operators, **J. Math. Physics** **51** (2010), Article Number 083517
638. Shapiro, J and Weinstein, M I, Tight-binding reduction and topological equivalence in strong magnetic fields, **Adv. Math.** **403** (2022), Article Number 108343
Citează: Cornean, H D; Helffer, B and Purice, R, Low lying spectral gaps induced by slowly varying magnetic fields, **J. Funct. Anal.** **273** (2017), pp.206-282
639. Ammann, B ; Mougél, J and Nistor, V, A comparison of the Georgescu and Vasy spaces associated to the N-body problems and applications, **Ann. H. Poincaré** **23** (2022), 1141–1203
Citează: Măntoiu, M; Purice, R and Richard, S, Twisted crossed products and magnetic pseudodifferential operators, **Advances in operator algebras and mathematical physics**, 137–172, Theta Ser. Adv. Math., 5, Theta, Bucharest, 2005.
640. Dong, X; Tang, Z, Nonrelativistic limit of ground state solutions for nonlinear Dirac-Klein-Gordon systems, **Minimax Theory and Applications** **7** (2) (2022), 253–276
Citează: Grigore, D R; Nenciu G and Purice R, On the non-relativistic limit of the Dirac Hamiltonian, **Annales de l'Institut Henri Poincaré - Physique Théorique** **51** (3) (1989), pp.231-263
641. G. Marcelli, D. Monaco, Purely linear response of the quantum Hall current to space-adiabatic perturbations, **Letters in Mathematical Physics** **112** (2022), Article number: 91
Citează: G. Nenciu, *Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians*, **Rev. Mod. Phys**, **63** (1991), pag. 91–128.
642. G. Amante, JE. Sponer & al, A computational quantum-based perspective on the molecular of life's building blocks, **Entropy** **24** (2022), Article number 1012
Citează: G. Nenciu, *Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians*, **Rev. Mod. Phys**, **63** (1991), pag. 91–128.
643. J. Shapiro, MI Weinstein, Tight-binding reduction and topological equivalence in strong magnetic fields, , **Advances in Mathematics** **403** (2022), Article number: 108343
Citează: G. Nenciu, *Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians*, **Rev. Mod. Phys**, **63** (1991), pag. 91–128.
644. W. Zhang, H. Yuan & all, Observation of Bloch oscillations dominated by effective anyonic particle statistics, **Nature Communications** **13** (2022), Article number: 2392
Citează: G. Nenciu, *Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians*, **Rev. Mod. Phys**, **63** (1991), pag. 91–128.
645. JF.. Lu, KD. Stubbs, AB. Watson, Existence and computation of generalized Wannier functions for non-periodic systems in two dimensions and higher, **Archive for Rational mechanics and Analysis** **243** (2022), pag. 1269–1323
Citează: G. Nenciu, *Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians*, **Rev. Mod. Phys**, **63** (1991), pag. 91–128.

646. E. Tosyali, Y. Oniz, F. Aydogmus, Chaos synchronization in a BCC system using fuzzy logic controller, **Condensed matter Physics** **25** (2022), Article number: 33501
Citează: G. Nenciu, Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians, Rev. Mod. Phys, 63 (1991), pag. 91–128.
647. JF. Lu, ZH. Zhang, ZN. Zhou, Bloch dynamics with second order Berry phase correction, **Asymptotic Analysis** **128** (2022), pag. 55 – 84
Citează: G. Nenciu, Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians, Rev. Mod. Phys, 63 (1991), pag. 91–128.
648. HD. Cornean, B. Helffer, R. Purice, Spectral analysis near a Dirac type crossing in a weak non-constant magnetic field, **Transactions of the American Mathematical Society** **374** (2022), pag. 7041 – 7104
Citează: G. Nenciu, Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians, Rev. Mod. Phys, 63 (1991), pag. 91–128.
649. HS. Nguyen, S. Richard, RI. Aldecoa, Discrete Laplacian in a half-space with a periodic surface potential I: Resolvent expansions, scattering matrix, and wave operators, **Mathematische Nachrichten** **295** (2022), pag. 912 – 949
Citează: A. Jensen, G. Nenciu A unified approach to resolvent expansions at thresholds, Reviews in Mathematical Physics, 13 (2001) , pag. 717–754.
650. H. Kovarik, Spectral properties and time decay of the wave functions of Pauli and Dirac operators in dimension two, **Advances in Mathematics** **398** (2022), Article number: 108244
Citează: A. Jensen, G. Nenciu A unified approach to resolvent expansions at thresholds, Reviews in Mathematical Physics, 13 (2001) , pag. 717–754.
651. M. Goldberg, WR. Green, Time integrable wieghted dispersive estimates for the fourth order Schrodinger equation in three dimensions, **Bulletin of the London Mathematical Sociery** **54** (2022), pag. 428 – 448
Citează: A. Jensen, G. Nenciu A unified approach to resolvent expansions at thresholds, Reviews in Mathematical Physics, 13 (2001) , pag. 717–754.
652. A. Soffer, Z. Wu, XH. Yao, Decay estimates for bi-Schrodinger operators in dimension one, **Ann. Henri Poincaré** **23** (2022), pag. 2683 – 2744
Citează: A. Jensen, G. Nenciu A unified approach to resolvent expansions at thresholds, Rev. Math. Phys. 13 (2001) , pag. 717–754.
653. N. Boussaid, A. Cometh, Limiting absorbtion principle and virtual levels of operators in Banach spaces, **Annales Mathematiques du Quebec** **46** (2022), pag. 161 – 180
Citează: A. Jensen, G. Nenciu A unified approach to resolvent expansions at thresholds, Reviews in Mathematical Physics, 13 (2001) , pag. 717–754.
654. G. Marcelli, Improved energy estimates for a class of time-dependent perturbed Hamiltonians, **Letters in mathematical Physics** **286** (2022), Article number: 51
*Citează: G. Nenciu, Linear adiabatic theory-Exponential estimates, Communications in Mathematical Physics **152** (1993), pag. 479–496.*
655. R. Gautier, A. Sarlette, M. Mirrahimi, Combined dissipative and Hamiltonian confinement of cat qubits, **PRX Quantum** **3** (2022), Article number: 020339
*Citează: G. Nenciu, Linear adiabatic theory-Exponential estimates, Communications in Mathematical Physics **152** (1993), pag. 479–496.*

656. A. Joye, Adiabatic Linbladian with small dissipators, **Communications in Mathematical Physics** **391** (2022), pag. 223 – 267
Citează: G. Nenciu, Linear adiabatic theory-Exponential estimates, Communications in Mathematical Physics **152** (1993), pag. 479–496.
657. JF. Lu, KD. Stubbs, AB. Watson, Existence and computation of generalized Wannier functions for non-periodic systems in two dimensions and higher, **Archive for Rational mechanics and Analysis** **243** (2022), pag. 1269–1323
Citează: G. Nenciu, Existence of the exponentially localised Wannier functions, Communications in Mathematical Physics **91** (1983), pag. 81–85.
658. QQ. Gu, LF. Zhang, J. Feng, Neural network representation of electronic structure from ab initio molecular dynamics, **Science Bulletin** **67** (2022), pag. 29–37
Citează: G. Nenciu, Existence of the exponentially localised Wannier functions, Communications in Mathematical Physics **91** (1983), pag. 81–85.
659. MJ. de Oliveira, Parametric invariance, **Brazilian Journal of Physics** **52** (2022), Article number: 67
Citează: Nenciu, G., Adiabatic theorem of quantum mechanics, Journal of Physics A- mathematical and General **13** (1980), pag. L15–L18.
660. A. Joye, Adiabatic Linbladian with small dissipators, **Communications in Mathematical Physics** **391** (2022), pag. 223 – 267
Citează: Nenciu, G., Adiabatic theorem of quantum mechanics, Journal of Physics A- Mathematical and General **13** (1980), pag. L15–L18.
661. M. Gallone, A. Michelangeli, E. Pozzoli, Quantum geometric confinement and dynamical transmission in Grushin cylinder, **Reviews in Mathematical Physics** **34** (2022), Article number: 2250018
Citează: G. Nenciu, I. Nenciu On confining potentials and essential self-adjointness for Schrodinger operator on bounded domains in R^n , Annales Henri Poincare **10** (2009), pag. 377 – 394
662. G. Marcelli, D. Monaco, From charge to spin: analogies and differences in quantum transport coefficients, **Journal of Mathematical Physics** **63** (2022), Article number: 072102
Citează: HD. Cornean, G. Nenciu, TG. Pedersen, The Faraday effect revisited: General theory, Journal of Mathematical Physics **47** (2006), Article number: 013511
663. H. Kovarik, Spectral properties and time decay of the wave functions of Pauli and Dirac operators in dimension two, **Advances in Mathematics** **398** (2022), Article number: 108244
Citează: A. Jensen, G. Nenciu The Fermi Golden Rule and its form at thresholds, Communications in Mathematical Physics **261** (2006), pag. 693 – 727
664. B. Simon, Twelve tales in mathematical physics: An expanded Heineman prize lecture, **Journal of Mathematical Physics** **63** (2022), Article number: 021101
Citează: A. Jensen, G. Nenciu The Fermi Golden Rule and its form at thresholds, Communications in Mathematical Physics **261** (2006), pag. 693 – 727
665. S. Schander, T. Thiemann, Quantum cosmological backreactions. I Cosmological space adiabatic perturbation theory, **Physical Review D** **105** (2022), Article number: 106009
Citează: G. Nenciu, V. Sordoni, Semiclassical limit for multistate Klein-Gordon systems: almost invariant subspaces and scattering theory, Journal of Mathematical Physics **45** (2004), pag. 3676 – 3696

666. M. Campofferi, D. Vasiliev, Invariant subspaces of elliptic systems I: Pseudodifferential projections , **Journal of Functional Analysis** **282** (2022), article number: 109402
Citează: G. Nenciu, V. Sordoni, Semiclassical limit for multistate Klein-Gordon systems: almost invariant subspaces and scattering theory, Journal of Mathematical Physics **45** (2004), pag. 3676 – 3696
667. M. Campofferi, Diagonalization of elliptic systems via pseudodifferential projections, **Journal of Differential Equations** **313** (2022), pag. 157 – 187
Citează: G. Nenciu, V. Sordoni, Semiclassical limit for multistate Klein-Gordon systems: almost invariant subspaces and scattering theory, Journal of Mathematical Physics **45** (2004), pag. 3676 – 3696
668. M. Campofferi, D. Vasiliev, Invariant subspaces of elliptic systems II Spectral theory, **Journal of Spectral Theory** **12** (2022), pag. 301 – 101338
Citează: G. Nenciu, V. Sordoni, Semiclassical limit for multistate Klein-Gordon systems: almost invariant subspaces and scattering theory, Journal of Mathematical Physics **45** (2004), pag. 3676 – 3696
669. H. Kovarik, Spectral properties and time decay of the wave functions of Pauli and Dirac operators in dimension two, **Advances in Mathematics** **398** (2022), Article number: 108244
Citează: A. Jensen, G. Nenciu Erata: A unified approach to resolvent expansions at thresholds, Reviews in Mathematical Physics, **16** (2004) , pag. 675–677.
670. A. Soffer, Z. Wu, XH. Yao, Decay estimates for bi-Schrodinger operators in dimension one, **Annales Henri Poincare** **23** (2022), pag. 2683 – 2744
Citează: A. Jensen, G. Nenciu Erata: A unified approach to resolvent expansions at thresholds, Reviews in Mathematical Physics, **16** (2004) , pag. 675–677.
671. M. Ludewig, GC. Thiang, Large-scale geometry obstructs localisation, **Journal of Mathematical Physics** (2022), Article number: 091902
Citează: A. Nenciu, G. Nenciu The existence of generalised Wannier functions for one-dimensional systems, Communications in Mathematical Physics (1998), pag. 541 – 548
672. JF. Lu, KD. Stubbs, AB. Watson, Existence and computation of generalized Wannier functions for non-periodic systems in two dimensions and higher, **Archive for Rational mechanics and Analysis** **243** (2022), pag. 1269–1323
Citează: A. Nenciu, G. Nenciu The existence of generalised Wannier functions for one-dimensional systems, Communications in Mathematical Physics (1998), pag. 541 – 548
673. D. Bambusti, B. Langella, R. Montalto, Growth of Sobolev norms for unbounded perturbation of the Schrodinger equation on flat tori, **Journal of Differential Equations** **318** **33** (2022), pag. 344 – 358
Citează: G. Nenciu, Adiabatic theory: stability of systems with increasing gaps, Annales de l’Institut Henri Poincare- Physique theorique **67** (1997), pag.411 – 424
674. G. Fucci, F. Gesztesy & al, The Krein-von Neuman extension revisited, **Applicable analysis** **101** (2022), pag. 1593 – 1616
Citează: G. Nenciu Applications of the Krein resolvent formula to the theory of self-adjoint extensions of positive symmetric operators, Journal of Operator Theory (1983), pag. 209 – 218
675. F. Finster, N. Karman, Fermionic Fock spaces and quantum states for causal fermionic systems, **Annales Henri Poincare** **23** (2022), pag. 1359 – 1398

- Citează: G. Nenciu, G. Scharf, *Regular external fields in quantum electrodynamics*, **Helvetica Fisica Acta** **51** (1978), pag. 412 – 424
676. D. Johnstone, M.J. Colbrook & al, Bulk localised transport states in infinite and finite quasicrystals via magnetic aperiodicity, **Physical Review B** **106** (2022), pag. Article number: 045149
Citează: HD. Cornean, I. Herbst, G. Nenciu, *On the construction of composite Wannier functions*, **Ann. H. Poincare** **17** (2016), pag. 3361 – 3398
677. V. Gupta, B. Bradlyn, Wannier functions methods for topological modes in one-dimensional photonic crystals, **Phys. Rev. A** **105** (2022), Article number: 053521
Citează: HD. Cornean, I. Herbst, G. Nenciu, *On the construction of composite Wannier functions*, **Ann. H. Poincare** **17** (2016), pag. 3361 – 3398
678. JF. Lu, KD. Stubbs, AB. Watson, Existence and computation of generalized Wannier functions for non-periodic systems in two dimensions and higher, **Archive for Rational mechanics and Analysis** **243** (2022), pag. 1269–1323
Citează: HD. Cornean, I. Herbst, G. Nenciu, *On the construction of composite Wannier functions*, **Annales Henri Poincare** **17** (2016), pag. 3361 – 3398
679. K. Renziehausen, KL. Liu, I. Barth, How to approximate the Dirac operator with the Mauser method, **Quant. stud.- math. Foundations** **9** (2022), pag. 287 – 332
Citează: D. Grigore, G. Nenciu, R. Purice, *On the non-relativistic limit of the Dirac hamiltonian*, **Ann. Inst. H. Poincare-Phys. theor.** (1989), pag. 231 – 263
680. H. Dao, D. Eisenbud: *Linearity of free resolutions of monomial ideals*, **Res. Math. Sci.**, **9**, (2022), pag. 1–15
Citează: A. Constantinescu, T. Kahle, M. Varbaro: *Linear Syzygies, Flag Complexes, and Regularity*, **Collect. Math.** **67**, (2016), pp. 357–362
681. I. Cherednik: *Gröbner cells of punctual Hilbert schemes in dimension two*, **J. Algebra** **597**, (2022), pag. 205–240
Citează: A. Constantinescu: *Parametrizations of Ideals of $k[x, y]$ and $k[x, y, z]$* **J. Algebra** **346**, (2011), pag. 1–30
682. A. Petracci: *On deformation spaces of toric singularities and on singularities of K -moduli of Fano varieties*, **Trans. Amer. Math. Soc.** (2022)
Citează: K. Altmann, A. Constantinescu, M. Filip: *Polyhedra, Lattice Structures, and Extensions of Semigroups*, **J. London Math. Soc.** **2** (2022), pag. 1–71
683. A. Petracci: *On deformation spaces of toric singularities and on singularities of K -moduli of Fano varieties*, **Trans. Amer. Math. Soc.** **375** (2022) pag. 5617–5643
Citează: K. Altmann, A. Constantinescu, M. Filip: *Versality in Toric Geometry*, **J. Algebra** **609**, (2022), pag. 1–43
684. Kimura, K., M. R. Pournaki, N. Terai, and S. Yassemi: *Very well-covered graphs and local cohomology of their residue rings by the edge ideals*. **J. Algebra** **606** (2022) pag. 1–18
Citează: A. Constantinescu, M. Varbaro: *On the h -vectors of Cohen-Macaulay Flag Complexes*, **Math. Scand.** **112** (2013) pag. 87–111
685. Kimura, K., Pournaki, M.R., Seyed Fakhari, S.A., Terai, N. and Yassemi, S.: *A glimpse to most of the old and new results on very well-covered graphs from the viewpoint of commutative algebra*, **Res. Math. Sci.** **9**, (2022) pag. 1–18
Citează: A. Constantinescu, M. Varbaro: *On the h -vectors of Cohen-Macaulay Flag Complexes*, **Math. Scand.** **112** (2013) pag. 87–111

686. Kimura, K., Pournaki, M.R., Seyed Fakhari, S.A., Terai, N. and Yassemi, S.: *A glimpse to most of the old and new results on very well-covered graphs from the viewpoint of commutative algebra*, **Res. Math. Sci.** **9**, (2022) pag. 1–18
Citează: G. Caviglia, A. Constantinescu, M. Varbaro: *Note on a Conjecture by Kalai*, **Israel J. Math.** 0021-2172, (2014), pag. 1–7
687. N. Erey, Nursel: *Rooted order on minimal generators of powers of some cover ideals*, **Osaka J. Math.** **59** (2022), pag. 253–267
Citează: A. Constantinescu, M.R.Pournaki, M.R.Seyed Fakhari, N.Terai, S.Yassemi: *Cohen-Macaulayness and Limit Behaviour of Depth for Powers of Cover Ideals* **Comm. Algebra** **43** (2015), pag. 143–157
688. E. Basarir Noyan, Y. Gündüzalp, *Proper Semi-Slant Pseudo-Riemannian Submersions in Para-Kaehler Geometry*, **Int. El. J. Geometry** **15**, pag. 253 – 265
Citează: G. Baditoiu, S. Ianus, *Semi-Riemannian submersions from real and complex pseudo-hyperbolic spaces*, **Diff. Geom. and appl.** **16** (2002), pag. 79 – 84
689. V. A. Kyrov, *On a local extension of the group of parallel translations in three-dimensional space*, **Vestn. Udmurtsk. university Mat. Fur. Computer. Nauki** **32** (2022), issue 1, pag. 62 - 80
Citează: G. Badițoiu, *Classification of homogeneous Einstein metrics on pseudo-hyperbolic spaces*, **Transf. Groups** **25** (2020), pag. 335 - 361
690. T.J. Feng, C. Li, X.D. Zheng, S. Lessard, Y. Tao, *Stochastic replicator dynamics and evolutionary stability*, **Physical Review E**, **105**, (2022), doi.org/10.1103/PhysRevE.105.044403
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **carte Springer** (2006), pag. 442.
691. J.B.R. Do Val, D.S. Campos, *The \mathcal{H}_2 -optimal Control Problem of CSVIU Systems: Discounted, Counterdiscounted, and Long-Run Solutions*, **SIAM Journal on Control and Optimization**, **60**, **4**, (2022), https://doi.org/10.1137/21M1434593
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **carte Springer** (2006), pag. 442.
692. A.M. De Oliveira, O.L.V. Costa, G.W. Gabriel, S.R.B.dos Santos, *Energy-to-Peak Reduced Order Filtering for Continuous-Time Markov Jump Linear Systems With Partial Information on the Jump Parameter*, - **IEEE Access**, **10** , (2022), pag. 79124 – 79133
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **carte Springer** (2006), pag. 442.
693. M.G. Todorov, F.O. dos Santos, C.C.G.Rodrigues, *Homogenized first-moment analysis of two-time-scale positive Markov jump linear systems*, **Journal of the Franklin Institute**, **359**, **1** (2022), pag. 38 – 65
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **carte Springer** (2006), pag. 442.
694. A.N. Vargas, C.F. Caruntu, J.Y. Ishihara, *Stochastic stability of switching linear systems with application to an automotive powertrain model*, **Mathematics and Computers in Simulation**, **191**, (2022), pag. 278 – 287
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **carte Springer** (2006), pag. 442.

695. A.M. de Oliveira, O.L.V. Costa, G.V.Gabriel,... Robust static output feedback control for hidden Markov jump linear systems, **International Journal of Systems Science**, **53**, **6**, (2022), pag. 1298 – 1316
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
696. L Breton, C Montoya, Robust Stackelberg controllability for the Kuramoto–Sivashinsky equation, **Mathematics of Control, Signals, and Systems**, **34**, (2022), pag. 515 – 558
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
697. Z Yiwei, G Junhua, L Hongxiang, A Control Scheme for Teleoperation Robot Arms Based on Markov Jump Systems with Time-delay, **2022 IEEE International Conference on Real-time Computing and Robotics (RCAR)**, **17-22 July, Guiyang, China** (2022)
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
698. M. E. Shaykin, Analysis of dynamical output regulator for stochastic multiplicative type systems, **Avtomat. i Telemekh.**, **3**, (2022), pag. 54 – 68
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
699. A Aljalal, B Gashi, Optimal investment and consumption in a market with Markovian switching coefficients and borrowing, **IEEE 17th International Conference on Control and Automation (ICCA)**, **27 – 30 June, Naples Italy**, (2022), DOI: 10.1109/ICCA54724.2022.9831877
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
700. M. E. Shaykin, Output Dynamic Controller Analysis for Stochastic Systems of Multiplicative Type, **Automation and Remote Control**, **83**, (2022), pag. 343 – 354
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
701. X Wang, L Wang, Y Liu, Optimal control of stochastic singular affine systems with Markovian jumps, **Journal of Inequalities and Applications**, **2022**, **64**, (2022). <https://doi.org/10.1186/s13660-022-02804-1>
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
702. A.M. de Oliveira, O.L.V. Costa, M.D. Fragoso, Dynamic output feedback control for continuous-time Markov jump linear systems with hidden Markov models, **Journal of Control**, **95**, **3**, (2022), pag. 716 – 728
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
703. D.C. dos Santos, M.G. Todorov, On the robustness of Markov jump linear systems with norm-bounded uncertainty on transition rates, **Journal of the Franklin Institute**, **359**, **13**, (2022), pag. 6986 – 7003
Citează: Vasile Drăgan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.

704. L. Sheng, Y. Wang, M. Gao, Y. Niu, D. Zhou, Finite-Time $\langle \infty$ Filtering for Nonlinear Stochastic Systems with Multiplicative Noises via Carleman Linearization Technique, **IEEE Transactions on Aerospace and Electronic Systems**, 13 Sept (2022), pag. 1 – 11, DOI: 10.1109/TAES.2022.3205878
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte Springer (2010), pag. 336.
705. H. Ma, Y. Cui, Z. Wang, Spectral criteria to stability and observability of mean-field stochastic periodic systems, **Automatica**, **142**, (2022), 110354
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte Springer (2010), pag. 336.
706. J.B.R. Do Val, D.S. Campos, The \mathcal{H}_2 -optimal Control Problem of CSVIU Systems: Discounted, Counterdiscounted, and Long-Run Solutions, **SIAM Journal on Control and Optimization**, **60**, **4**, (2022), doi.org/10.1137/21M1434593
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte Springer (2010), pag. 336.
707. H Ma, Detectability of Discrete-Time Mean-Field Linear Stochastic Systems with Periodic Coefficients, **Proceedings of 2021 Chinese Intelligent Systems Conference. Lecture Notes in Electrical Engineering**, vol **805**. Springer, Singapore, (2022), Jia, Y., Zhang, W., Fu, Y., Yu, Z., Zheng, S. (editors), doi.org/10.1007/978-981-16-6320-8-4
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte Springer (2010), pag. 336.
708. H. Ma, Y. Wang, Full Information H_2 Control of Borel-Measurable Markov Jump Systems with Multiplicative Noises, **Mathematics**, **10**, **1**, 37, (2022), doi.org/10.3390/math10010037
Citează: Vasile Drăgan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte Springer (2010), pag. 336.
709. Z Shao, On the poles of two-time-scale systems, **The Journal of Engineering, open access**, (2022), 28 October, https://doi.org/10.1049/tje2.12209
Citează: P. Shi, V. Drăgan, *Asymptotic H_∞ control of singularly perturbed systems with parametric uncertainties*, **IEEE Transactions on Automatic Control**, **44**, **9**, (1999), pag. 1738 – 1742.
710. A Barbata, M Zasadzinski, Harouna Souley Ali, Stabilization of a class of stochastic nonlinear systems using a bang-bang controller, **International Journal of Robust and Nonlinear Control**, **32**, **12**, (2022), pag. 6849 – 6865
Citează: V Drăgan, A Halanay, A Stoica., *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, Vol. **30**, nr. **5**, (1997), pag.243 – 251.
711. L.H.C. Ferreira, F.H.D. Guaracy, Classical Control System Analysis over Lossy Networks: An Easy-to-Use Nyquist Plot Approach, **IEEE Transactions on Automatic Control**, (2022), pag. 1 – 8, DOI: 10.1109/TAC.2022.3195679
Citează: V Drăgan, A Halanay, A Stoica., *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, Vol. **30**, nr. **5**, (1997), pag.243 – 251.
712. B. Pang, Z.P. Jiang, Reinforcement Learning for Adaptive Optimal Stationary Control of Linear Stochastic Systems, **IEEE Transactions on Automatic Control**, (2022), DOI: 10.1109/TAC.2022.3172250
Citează: V Drăgan, A Halanay, A Stoica., *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, Vol. **30**, nr. **5**, (1997), pag.243 – 251.

713. E Gershon, Robust \mathcal{H}_∞ Vertex-dependent Filtering of State-delayed State-multiplicative Stochastic Systems, **2022 UKACC 13th International Conference on Control (CONTROL), Plymouth, United Kingdom, 20 – 22 April, (2022)**,
Citează: V Drăgan, A Halanay, A Stoica,, A small gain theorem for linear stochastic systems, Systems and Control Letters, Vol. 30, nr. 5, (1997), pag.243 – 251.
714. Z. Yiwei, G. Junhua, L. Hongxiang, A Control Scheme for Teleoperation Robot Arms Based on Markov Jump Systems with Time-delay, **2022 IEEE International Conference on Real-time Computing and Robotics (RCAR), (2022)**
Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, Automatica, Vol. 48 (2012), pag. 3151– 3156.
715. S. Wang, Z.G. Wu, Asynchronous Control of Uncertain Markov Jump Systems with Actuator Saturation, **IEEE Transactions on Circuits and Systems II: Express Briefs, 69, 7, (2022), pag. 3269 – 3273**
Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, Automatica, Vol. 48 (2012), pag. 3151– 3156.
716. X. Zhou, J. Cheng, J. Cao, J.H. Park, Event-based asynchronous dissipative filtering for fuzzy nonhomogeneous Markov switching systems with variable packet dropouts, **Fuzzy Sets and Systems, 432 (2022), pag. 50 – 67**
Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, Automatica, Vol. 48 (2012), pag. 3151– 3156.
717. H.J. Sun, P. He, P. Shi, Stabilization of two kinds of nonhomogeneous Markovian jump systems via sliding mode control, **International Journal of Robust and Nonlinear Control, 32, 6, (2022), pag. 3754 – 3770**
Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, Automatica, Vol. 48 (2012), pag. 3151– 3156.
718. H. Chen, R. Liu, W. Xia, Z. Li, Event-Triggered Filtering for Delayed Markov Jump Nonlinear Systems with Unknown Probabilities, **Processes, 10, 4, (2022), 769;**
Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, Automatica, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
719. H. Chen, R. Liu, P. He, Z. Li, Asynchronous dissipative control for networked time-delay Markov jump systems with event-triggered scheme and packet dropouts, **EURASIP Journal on Wireless Communications Network, 82, (2022), doi.org/10.1186/s13638-022-02156-w**
Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, Automatica, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
720. X. Wang, Y. Ma, Observer-based finite-time asynchronous sliding mode control for Markov jump systems with time-varying delay, **Journal of the Franklin Institute, 359, 11, (2022), pag. 5488 – 5511**
Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, Automatica, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
721. X. Liu, W. Li, C. Yao, Y. Li, Finite-time guaranteed cost control for Markovian jump systems with time-varying delays, **Mathematics, 10 (2022)**

Citează: S Aberkane, V Drăgan, H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints, **Automatica**, Vol. 48, nr. 12, (2012), pag. 3151–3156.

722. E Gershon, Robust \mathcal{H}_∞ Vertex-dependent Filtering of State-delayed State-multiplicative Stochastic Systems, **2022 UKACC 13th International Conference on Control (CONTROL), Plymouth, United Kingdom, 20 – 22 April, (2022)**
 Citează: V. Drăgan, A. Stoica, $A\gamma$ -attenuation problem for discrete-time time-varying stochastic systems with multiplicative noise, **Proceedings of the 37th IEEE Conference on Decision and Control, Tampa, Florida, USA, (1998)**
723. E. Gershon, U. Shaked, State-multiplicative Retarded Systems - Robust H_2 Static Output-feedback Control, **2022 European Control Conference (ECC), (2022)**
 Citează: V. Drăgan, A. Stoica, $A\gamma$ -attenuation problem for discrete-time time-varying stochastic systems with multiplicative noise, **Proceedings of the 37th IEEE Conference on Decision and Control, Tampa, Florida, USA, (1998)**
724. B. Goldys, J. Yang, Z. Zhou, Singular Perturbation of Zero-Sum Linear-Quadratic Stochastic Differential Games, **SIAM Journal on Control and Optimization**, 60, 1, (2022)
 Citează: V Drăgan, H Mukaidani, P Shi, *The linear quadratic regulator problem for a class of controlled systems modeled by singularly perturbed Ito differential equations*, **SIAM Journal on Control and Optimization**, vol.50, (2012), pag. 448 – 470.
725. C. Tan, J. Di, M. Xiang, Z. Chen, B. Zhu, Stochastic Stabilization for Discrete-Time System with Input Delay and Multiplicative Noise in Control Variable, **Processes**, 10 (2022)
 Citează: V. Drăgan, T. Morozan, *Observability and detectability of a class of discrete-time stochastic linear systems*, **IMA Journal of Mathematical Control and Information**, 23, 3, (2006), pag. 371 – 394.
726. D.F. Espejel-Blanco, J.A. Hoyo-Montaño, J. Arau, HVAC Control System Using Predicted Mean Vote Index for Energy Savings in Buildings, **Buildings**, 12, 1, 38, (2022)
 Citează: S. Chitraganti, S. Aberkane, C Aubrun, G Valencia-Palomo, V Drăgan, *On control of discrete-time state-dependent jump linear systems with probabilistic constraints: A receding horizon approach*, **Systems and Control Letters**, Volume 74, (2014), pag. 81 – 89.
727. M. Chiputa, M. Zhang, Enhancing Handover for 5G mmWave Mobile Networks Using Jump Markov Linear System and Deep Reinforcement Learning, **Sensors**, 22 (2022)
 Citează: S. Chitraganti, S. Aberkane, C Aubrun, G Valencia-Palomo, V Drăgan, *On control of discrete-time state-dependent jump linear systems with probabilistic constraints: A receding horizon approach*, **Systems and Control Letters** 74, (2014), pag. 81 – 89.
728. P. Flüs, O. Stursberg, Control of Jump Markov Uncertain Linear Systems With General Probability Distributions, **Frontiers in Control Engineering**, 3, (2022), 02-25)
 Citează: S. Chitraganti, S. Aberkane, C Aubrun, G Valencia-Palomo, V Drăgan, *On control of discrete-time state-dependent jump linear systems with probabilistic constraints: A receding horizon approach*, **Systems and Control Letters**, Volume 74, (2014), pag. 81 – 89.
729. K.A. Alattas, A. Mohammadzadeh, S. Mobayen, ... Automatic Control for Time Delay Markov Jump Systems under Polytopic Uncertainties, **Mathematics**, 10, 2, 187, (2022)
 Citează: V. Drăgan, I.G. Ivanov, I.L. Popa, O. Bagdasar, *Closed-Loop Nash Equilibrium in the Class of Piecewise Constant Strategies in a Linear State Feedback Form for Stochastic LQ Games*, **Mathematics**, 9, 2713, (2021)

730. H. Chen, F. Gao, Finite-time stabilization with extended dissipativity via a mixed control strategy for MJSs with hierarchical sensor failures, **Nonlinear Dynamics**, **108**, (2022), pag. 1319 – 1338
Citează: H. Mukaidani, H. Xu, V. Drăgan, Static output-feedback incentive Stackelberg game for discrete-time Markov jump linear stochastic systems with external disturbance IEEE control systems letters, **2(4)**, (2018), pag. 701 – 706.
731. H. Ma, Y. Cui, Z. Wang, Spectral criteria to stability and observability of mean-field stochastic periodic systems, **Automatica**, **142**, (2022), 110354
Citează: V. Drăgan, Optimal filtering for discrete-time linear systems with multiplicative white noise perturbations and periodic coefficients, IEEE Transactions on Automatic Control, **58**, (2013), pag. 1029 – 1034.
732. H. Tan, B. Shen, Q. Li, Fusion estimation for stochastic uncertain systems with time-correlated rician fading channels, **Journal of the Franklin Institute**, **359**, **5**, (2022), pag. 2340 – 2358
Citează: V. Drăgan, Optimal filtering for discrete-time linear systems with multiplicative white noise perturbations and periodic coefficients, IEEE Transactions on Automatic Control, **58**, **4**, (2013), pag. 1029 – 1034.
733. A.K. Roy, S. Kannan, Event-based optimal filter for a networked system with multiplicative and auto/cross-correlated process and measurement noise, **International Journal of Adaptive Control and Signal Processing**, (2022)
Citează: V. Drăgan, Optimal filtering for discrete-time linear systems with multiplicative white noise perturbations and periodic coefficients, IEEE Transactions on Automatic Control, **58**, **4**, (2013), pag. 1029 – 1034.
734. L. Geng, W. Wang, S. Gao, State Estimation with Multiple Measurement Delays and Time-correlated Additive Noises, **2022, 41st Chinese Control Conference (CCC)**, Hefei, China, (2022)
Citează: V. Drăgan, Optimal filtering for discrete-time linear systems with multiplicative white noise perturbations and periodic coefficients, IEEE Transactions on Automatic Control, **58**, **4**, (2013), pag. 1029 – 1034.
735. K.A. Alattas, A. Mohammadzadeh, S. Mobayen, ... Automatic Control for Time Delay Markov Jump Systems under Polytopic Uncertainties, **Mathematics**, **10**, **2**, 187, (2022)
Citează: V. Drăgan, S. Aberkane, Robust stability of time-varying Markov jump linear systems with respect to a class of structured, stochastic, nonlinear parametric uncertainties, Axioms, **10**, **3**, 148, (2021)
736. A. Heddar, M. Kada, Stability radius maximization of infinite dimensional systems with respect to nonlinear unbounded stochastic uncertainties., **Nonlinear Studies**, **29**, **1**, (2022), pag. 897 – 911
Citează: V. Drăgan, S. Aberkane, Robust stability of time-varying Markov jump linear systems with respect to a class of structured, stochastic, nonlinear parametric uncertainties, Axioms, **10**, **3**, 148, (2021), doi.org/10.3390/axioms10030148.
737. L. Geng, W. Wang, S. Gao, State Estimation with Multiple Measurement Delays and Time-correlated Additive Noises, **2022, 41st Chinese Control Conference (CCC)**, Hefei, China, (2022)
Citează: V. Drăgan, T. Morozan, Stochastic observability and applications, IMA Journal of Mathematical Control and Information, **21**, **3**, (2004), pa. 323 — 344.

738. C. Tan, J. Di, M. Xiang, Z. Chen, B. Zhu, Stochastic Stabilization for Discrete-Time System with Input Delay and Multiplicative Noise in Control Variable, **Processes**, **10,5**, 989, (2022), doi.org/10.3390/pr10050989
Citează: V. Drăgan, T. Morozan, Observability and detectability of a class of discrete-time stochastic linear systems, IMA Journal of Mathematical Control and Information, **23**, **3**, (2006), pag. 371 – 394.
739. C. Wu, C. Zhang, L. Yang, T. Wang, Linear quadratic nonzero-sum stochastic differential game of a partially observed Markov jump linear systems, **Asian Journal of Control**, (2022)
Citează: H. Mukaidani, H. Xu, T. Yamamoto, V. Drăgan, Static output feedback H_2/H_∞ control of infinite horizon Markov jump linear stochastic systems with multiple decision makers, 51st IEEE Conference on Decision and Control (CDC), Maui, HI, (2012), pag. 6003 – 6008.
740. L. Yang, Y. Gao, Z. Feng, L. Wu, Distributed Filtering With Dynamic Event-Triggered Communication for Networked Periodic Systems, **IEEE Transactions on Control of Network Systems**, (2022)
Citează: V. Drăgan, S. Aberkane, H_2 optimal filtering for continuous-time periodic linear stochastic systems with state-dependent noise, Systems and Control Letters, **66**, (2014), pag. 35 – 42.
741. L. Hu, Y. Ren, L. Wang, Robust stochastic stability for multi-group coupled models with Markovian switching, **International Journal of Control**, **95**, **2**, (2022), pag. 482 – 489
Citează: S. Aberkane, V. Drăgan, Robust stability and robust stabilization of a class of discrete-time time-varying linear stochastic systems, SIAM Journal on Control and Optimization, **53**, **1**, (2015), pag. 30 – 57.
742. D. Yang, Q. Feng, G. Zong, Asynchronous Bumpless Transfer Finite-time H_∞ Control for Markovian Jump Systems with Application to Circuit System **IEEE Transactions on Circuits and Systems II: Express Briefs**, (2022)
Citează: V. Drăgan, E.F. Costa, Optimal stationary dynamic output-feedback controllers for discrete-time linear systems with Markovian jumping parameters and additive white noise perturbations, IEEE Transactions on Automatic Control, **61**, **12**, (2016), pag. 3912 – 3924.
743. J.C. Cortés, A. Navarro-Quiles, J.V. Romero, M.D. Rosello, Solving fully randomized first-order linear control systems: Application to study the dynamics of a damped oscillator with parametric noise under stochastic control, **Journal of Computational and Applied Mathematics**, **404**, (2022), 113389
Citează: V. Drăgan, S. Aberkane, I.L. Popa, Optimal H_2 filtering for periodic linear stochastic systems with multiplicative white noise perturbations and sampled measurements, Journal of the Franklin Institute, **352**, **12**, (2015), pag. 5985 – 6010.
744. B. Goldys, J. Yang, Z. Zhou, Singular Perturbation of Zero-Sum Linear-Quadratic Stochastic Differential Games, **SIAM Journal on Control and Optimization**, **60**, **1**, (2022), 10.1137/21M1401802
Citează: V. Drăgan, H. Mukaidani, P. Shi, The linear quadratic regulator problem for a class of controlled systems modeled by singularly perturbed Ito differential equations, SIAM Journal on Control and Optimization, **50**, (2012), pag. 448 – 470.
745. R. Saravanakumar, R. Datta, Y. Cao, New insights on fuzzy sampled-data stabilization of delayed nonlinear systems, **Chaos, Solitons and Fractals**, **154**, (2022), 111654
Citează: V. Drăgan, I.G. Ivanov, I.L. Popa, On the closed loop Nash equilibrium strategy for

a class of sampled data stochastic linear quadratic differential games, **Chaos, Solitons and Fractals**, **137**, (2020), 109877.

746. M.D. Banadaki, H. Navidi, A Bernoulli Tau method for numerical solution of feedback Nash differential games with an error estimation, **Computational Methods for Differential Equations**, **10**, **4**, (2022), pag. 894 – 904
Citează: V. Drăgan, I.G. Ivanov, I.L. Popa, On the closed loop Nash equilibrium strategy for a class of sampled data stochastic linear quadratic differential games, Chaos, Solitons and Fractals, **137**, (2020), 109877.
747. C. Peng, W. Zhang, Pareto Optimality in Infinite Horizon Mean-Field Stochastic Cooperative Linear-Quadratic Difference Games, **IEEE Transactions on Automatic Control**, (2022)
Citează: V. Drăgan, S. Aberkane, Exact detectability and exact observability of discrete-time linear stochastic systems with periodic coefficients, Automatica, **112**, (2020), 108660.
748. C. Briat, Stability analysis and stabilization of linear symmetric matrix-valued continuous, discrete, and impulsive dynamical systems—A unified approach for the stability, ... **Nonlinear Analysis: Hybrid Systems**, **46**, (2022), 101242
Citează: V. Drăgan, S. Aberkane, Exact detectability and exact observability of discrete-time linear stochastic systems with periodic coefficients, Automatica, **112**, (2020), 108660.
749. H. Ma, Y. Cui, Z. Wang, Spectral criteria to stability and observability of mean-field stochastic periodic systems, **Automatica**, **342**, (2022), 110354
Citează: V. Drăgan, S. Aberkane, Exact detectability and exact observability of discrete-time linear stochastic systems with periodic coefficients, Automatica, **112**, (2020), 108660.
750. J.B.R. Do Val, D.S. Campos, The \mathcal{H}_2 -optimal Control Problem of CSVIU Systems: Discounted, Counterdiscounted, and Long-Run Solutions, **SIAM Journal on Control and Optimization**, **60**, **4**, (2022)
Citează: V. Drăgan, S. Aberkane, Exact detectability and exact observability of discrete-time linear stochastic systems with periodic coefficients, Automatica, **112**, (2020), 108660.
751. X. Chen, S. Luo, Exact Observability for Linear Stochastic Impulsive Systems, **2022 41st Chinese Control Conference (CCC)**, (2022)
Citează: V. Drăgan, S. Aberkane, Exact detectability and exact observability of discrete-time linear stochastic systems with periodic coefficients, Automatica, **112**, (2020), 108660.
752. H.Ma, Detectability of Discrete-Time Mean-Field Linear Stochastic Systems with Periodic Coefficients, **Proceedings of 2021 Chinese Intelligent Systems Conference, Lecture Notes in Electrical Engineering**, vol **805**. Springer, Singapore, (2022), doi.org/10.1007/978-981-16-6320-8-4
Citează: V. Drăgan, S. Aberkane, Exact detectability and exact observability of discrete-time linear stochastic systems with periodic coefficients, Automatica, **112**, (2020), 108660.
753. C. Briat, Stability analysis and stabilization of linear symmetric matrix-valued continuous, discrete, and impulsive dynamical systems—A unified approach for the stability, ... **Nonlinear Analysis: Hybrid Systems**, **46**, (2022), 101242
Citează: V. Drăgan, E.F. Costa, I.L. Popa, S. Aberkane, Exact detectability: Application to generalized Lyapunov and Riccati equations, System and Control Letters, **157**, (2021), 105032.
754. H. Ma, Y. Cui, Z. Wang, Spectral criteria to stability and observability of mean-field stochastic periodic systems, **Automatica**, **342**, (2022), 110354

Citează: V. Drăgan, T. Morozan, *Stochastic H_2 optimal control for a class of linear systems with periodic coefficients*, **European Journal of Control**, **11**, **6**, (2005), pag. 619 – 631.

755. K.A. Alattas, A. Mohammadzadeh, S. Mobayen, . . . Automatic Control for Time Delay Markov Jump Systems under Polytopic Uncertainties, **Mathematics**, **10**, **2**, 187, (2022)
Citează: V. Drăgan, I.G. Ivanov, *Sufficient conditions for Nash equilibrium point in the linear quadratic game for Markov jump positive systems* **IET Control Theory and Applications**, **11**, **15**, (2017), pag. 2658 — 2667.
756. B. Li, J. Xu, T. Jin, Y. Shu, Piecewise parameterization for multifactor uncertain system and uncertain inventory-promotion optimization, **Knowledge-Based Systems**, **255**, (2022), 109683
Citează: V. Drăgan, I.G. Ivanov, *On the stochastic linear quadratic control problem with piecewise constant admissible controls* **Journal of the Franklin Institute**, **357**, **3**, (2020), pag. 532 — 1559.
757. C. Briat, Stability analysis and stabilization of linear symmetric matrix-valued continuous, discrete, and impulsive dynamical systems—A unified approach for the stability, . . . **Nonlinear Analysis: Hybrid Systems**, **46**, (2022), 101242
Citează: V. Drăgan, E.F. Costa, I.L. Popa, S. Aberkane, *Exact Detectability of Discrete-Time and Continuous-Time Linear Stochastic Systems: A Unified Approach*, **IEEE Transaction on automatic control**, **67**, **11**, (2022), pag. 5730 — 5745.
758. S. Maalej, Performance Guarantee of a Class of Continuous LPV System with Restricted-Model-Based Control, **International Journal of Computer (IJC)**, **42**, (2022), pag. 1 – 16
Citează: V. Drăgan, S. Aberkane, I.L. Popa, *Optimal H_2 filtering for linear stochastic systems with multiplicative white noise perturbations and sampled measurements*, **2015 12th International Conference on Informatics in Control, Automation and Robotics (ICINCO)**, 21 – 23 July 2015, Colmar, France, (2015), INSPEC Accession Number: 15662216.
759. S. Maalej, A. Kruszewski, Stability and performances synthesis of a class of Takagi–Sugeno systems with unmeasured premises: restricted-model-based approach, **International Journal of Systems Science**, (2022)
Citează: V. Drăgan, S. Aberkane, I.L. Popa, *Optimal H_2 filtering for linear stochastic systems with multiplicative white noise perturbations and sampled measurements*, **2015 12th International Conference on Informatics in Control, Automation and Robotics (ICINCO)**, 21 – 23 July 2015, Colmar, France, (2015), INSPEC Accession Number: 15662216.
760. Liu, Y.; Xu, C.; Zhuang, Z., Finite generation for valuations computing stability thresholds and applications to K-stability. **Ann. of Math.** (2) 196 (2022), no. 2, pag. 507 – 566
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not.** **14** (2016), pag. 4418 – 4448
761. Blum, H.; Liu, Y., Openness of uniform K-stability in families of Q-Fano varieties. **Ann. Sci. Ec. Norm. Super.** (4) 55 (2022), no. 1, pag. 1 – 41
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not.** **14** (2016), pag. 4418 – 4448
762. Matsumura, S., Injectivity theorems with multiplier ideal sheaves for higher direct images under Kähler morphisms. **Algebr. Geom.** 9 (2022), no. 2, pag. 122 – 158
Citează: Ambro F., *An injectivity theorem*, **Compos. Math.** **150** (6) (2014), pag. 999 – 1023
763. A. Suciuc, Cohomology jump loci of 3-manifolds, **Manuscripta Math.** **167**(2022) pag. 89 – 123

Citează: A. Măcinic, *Cohomology rings and formality properties of nilpotent groups*, **J. Pure Appl. Algebra** **214** (2010), pag. 1818 – 1826

764. M. Aprodu, G. Farkas, S. Papadima, C. Raicu, J. Weyman, Topological invariants of groups and Koszul modules, **Duke Math. J.** **171**, (2022) pag. 2013-2046
Citează: A. Măcinic, *Cohomology rings and formality properties of nilpotent groups*, **J. Pure Appl. Algebra** **214** (2010), pag. 1818 – 1826
765. F. Pop, Little survey on I/OM and its variants and their relation to (variants of) GT-old & new, **Topology and its Applications** **313**, **SI**, (2022)
Citează: A. Măcinic, *A Survey of Combinatorial Aspects in the Topology of Complex Hyperplane Arrangements*, **Combinatorial Aspects of Commutative Algebra** **502** (2009), pag. 113-128
766. Nakamura, Y.; Shibata, K., Inversion of adjunction for quotient singularities. **Algebr. Geom.** **9** (2022), no. 2, pag. 214 – 251
Citează: Ambro F., *The set of toric minimal log discrepancies*, **Cent. Eur. J. Math.** **4** (3) (2006), pag. 358 – 370
767. Odaka, Y., PL density invariant for type II degenerating K3 surfaces, moduli compactification and hyper-Kähler metric. **Nagoya Math. J.** **247** (2022), pag. 574 – 614
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2) (2005), pag. 385 – 403
768. Dang, N.-B.; Favre, C., Intersection theory of nef b-divisor classes. **Compos. Math.** **158** (2022), no. 7, pag. 1563 – 1594
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2) (2005), pag. 385 – 403
769. S. Yoshikawa, Global F-splitting of surfaces admitting an int-amplified endomorphism. **Manuscripta Math.** **169** (2022), pag. 271 – 296
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), pag. 385 – 403
770. Fujino, O.; Fujisawa, T.; Liu, H., Fundamental properties of basic slc-trivial fibrations II. **Publ. Res. Inst. Math. Sci.** **58** (2022), no. 3, pag. 527 – 549
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2) (2005), pag. 385 – 403
771. Fujino, O., Fundamental properties of basic slc-trivial fibrations I. **Publ. Res. Inst. Math. Sci.** **58** (2022), no. 3, pag. 473 – 526
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2) (2005), pag. 385 – 403
772. Iwai, M., Almost nef regular foliations and Fujita’s decomposition of reflexive sheaves. **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) **23** (2022), no. 2, pag. 719 – 743
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2) (2005), pag. 385 – 403
773. T. Ohsawa, T. Pawlaschyk, Analytic continuation and q-convexity, **SpringerBriefs in Mathematics** (2022), Springer, Singapore.
Citează: G. Chiriacescu, M. Colțoiu, C. Joița, *Analytic cohomology groups in top degrees of Zariski open sets in \mathbb{P}^n* , **Math. Z.** **264** (2010), pag. 671–677.

774. L. Maxim, L. Păunescu, M. Tibăr, The vanishing cohomology of non-isolated hypersurface singularities, **J. Lond. Math. Soc. (2)** **106** (2022), pag. 112–153.
Citează: C. Joița, M. Tibar, *Images of analytic map germs and singular fibrations*, **Eur. J. Math.** **6** (2020), pag. 888–904.
775. Y. Duan, L. Jiao, P. Wu, Y. Zhou, Existence of Pareto Solutions for Vector Polynomial Optimization Problems with Constraints, **J. Optim. Theory Appl.** **195** (2022), pag. 148–171.
Citează: L. R. Dias, C. Joița, M. Tibăr *Atypical points at infinity and algorithmic detection of the bifurcation locus of real polynomials*, **Math. Z.** **298** (2021), pag. 1545–1558.
776. Matsuzawa, Y.; Yoshikawa, S., Kawaguchi-Silverman conjecture for endomorphisms on rationally connected varieties admitting an int-amplified endomorphism. **Math. Ann.** **382** (2022), no. 3-4, pag. 1681 – 1704
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2) (2005), pag. 385 – 403
777. Fujino, O.; Fujisawa, T.; Liu, H., Fundamental properties of basic slc-trivial fibrations II. **Publ. Res. Inst. Math. Sci.** **58** (2022), no. 3, pag. 527 – 549
Citează: Ambro, F., *Shokurov’s Boundary Property*, **J. Differential Geom.** **67** (2004), pag. 229 – 255
778. Fujino, O., Fundamental properties of basic slc-trivial fibrations I. **Publ. Res. Inst. Math. Sci.** **58** (2022), no. 3, pag. 473 – 526
Citează: Ambro, F., *Shokurov’s Boundary Property*, **J. Differential Geom.** **67** (2004), pag. 229 – 255
779. Druel, S.; Bianco, F.L., Numerical characterization of some toric fiber bundles. **Math. Z.** **300** (2022), no. 4, pag. 3357 – 3382
Citează: Ambro, F., *Shokurov’s Boundary Property*, **J. Differential Geom.** **67** (2004), pag. 229 – 255
780. Fujino, O., Fundamental properties of basic slc-trivial fibrations I. **Publ. Res. Inst. Math. Sci.** **58** (2022), no. 3, pag. 473 – 526
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **240** (1) (2003), pag. 214 – 233
781. Jiang, Z., M-regular decompositions for pushforwards of pluricanonical bundles of pairs to abelian varieties. **Int. Math. Res. Not.** **2022**, no. 13, pag. 9708 – 9721
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **240** (1) (2003), pag. 214 – 233
782. Matsumura, S., Injectivity theorems with multiplier ideal sheaves for higher direct images under Kähler morphisms. **Algebr. Geom.** **9** (2022), no. 2, pag. 122 – 158
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **240** (1) (2003), pag. 214 – 233
783. Odaka, Y., Polystable log Calabi-Yau varieties and gravitational instantons. **J. Math. Sci. Univ. Tokyo** **29** (2022), no. 1, pag. 1 – 50
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **240** (1) (2003), pag. 214 – 233
784. Fujino, O.; Liu, H., Quasi-log canonical pairs are Du Bois. **J. Algebraic Geom.** **31** (2022), no. 1, pag. 105 – 112

- Citează:* Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **240** (1) (2003), pag. 214 – 233
785. Fujino, O., Fundamental properties of basic slc-trivial fibrations I. **Publ. Res. Inst. Math. Sci.** **58** (2022), no. 3, pag. 473 – 526
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **6** (5-6) (1999), pag. 573 – 580
786. Nakamura, Y.; Shibata, K., Inversion of adjunction for quotient singularities. **Algebr. Geom.** **9** (2022), no. 2, pag. 214 – 251
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **6** (5-6) (1999), pag. 573 – 580
787. Shibata, K., Minimal log discrepancies in positive characteristic. **Comm. Algebra** **50** (2022), no. 2, pag. 571 – 582
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **6** (5-6) (1999), pag. 573 – 580
788. Fujino, O., Fundamental properties of basic slc-trivial fibrations I. **Publ. Res. Inst. Math. Sci.** **58** (2022), no. 3, pag. 473 – 526
Citează: Ambro F., *The Adjunction Conjecture and its applications*, **PhD Thesis, The Johns Hopkins University (1999)**
789. Liu, Y., K-stability of cubic fourfolds. **J. Reine Angew. Math.** **786** (2022), pag. 55 – 77
Citează: Ambro F., *Ladders on Fano varieties*, **J. Math. Sci. (New York)** **94** (1) (1999), pag. 1126 – 1135
790. Hüsni Dal, Osman Gültekin, Selçuk Başdemir, Alp Kağan Açıkan, Ductile–brittle failure of amorphous glassy polymers: A phase-field approach, **Computer Methods in Applied Mechanics and Engineering**, Volume 401, Part B, (2022), 115639
Citează: M. Buliga, *Energy minimizing brittle crack propagation*, **J. of Elasticity vol. 52(3)** (1999), pag. 201 – 238
791. Benaïmeche, MA, Yvonnet, J, Bary, B, He, Q-C, A k-means clustering machine learning-based multiscale method for anelastic heterogeneous structures with internal variables, **Int J Numer Methods Eng.**, **123**(9), (2022), p. 2012 – 2041
Citează: M. Buliga, *Energy minimizing brittle crack propagation*, **J. of Elasticity vol. 52(3)** (1999), pag. 201 – 238
792. Benedict Egboiyi, Revanth Mattey, Shabnam Konica, Parag Nikam, Susanta Ghosh, Trisha Sain, Mechanistic understanding of the fracture toughening in chemically strengthened glass—experiments and phase-field fracture modeling, **International Journal of Solids and Structures**, , Volume 238, (2022), 111374
Citează: M. Buliga, *Energy minimizing brittle crack propagation*, **J. of Elasticity vol. 52(3)** (1999), pag. 201 – 238
793. G de Saxcé, A non incremental variational principle for brittle fracture, **International Journal of Solids and Structures**, Volume 252, (2022), 111761
Citează: M. Buliga, *Energy minimizing brittle crack propagation*, **J. of Elasticity vol. 52(3)** (1999), pag. 201 – 238
794. Yosra Kriaa, Hamdi Hentati, Bassem Zouari , Applying the phase-field approach for brittle fracture prediction: Numerical implementation and experimental validation, **Mechanics of**

Advanced Materials and Structures, 29:6, (2022), p. 828 – 839

Citează: M. Buliga, *Energy minimizing brittle crack propagation*, **J. of Elasticity** vol. **52(3)** (1999), pag. 201 – 238

795. Matei, Andaluzia Cristina, A Three-Field Variational Formulation for a Frictional Contact Problem with Prescribed Normal Stress, **Fractal and Fractional**, 6(11):651, (2022)
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws*, **J. Convex Anal.**, **15(1)** (2008), pag. 87–104
796. Matei A, Osiceanu M, Two-field variational formulations for a class of nonlinear mechanical models, **Mathematics and Mechanics of Solids**, 27(11), (2022), p. 2532 – 2547
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws*, **J. Convex Anal.**, **15(1)** (2008), pag. 87–104
797. Matei A, Osiceanu M, Two-Field Weak Solutions for a Class of Contact Models, **Mathematics**, 27(11), 10(3):369, (2022)
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws*, **J. Convex Anal.**, **15(1)** (2008), pag. 87–104
798. Matei, Andaluzia Cristina, A Three-Field Variational Formulation for a Frictional Contact Problem with Prescribed Normal Stress, **Fractal and Fractional**, 6(11):651, (2022) *Citează:* M. Buliga, G. de Saxcé, C. Vallée, *Non maximal cyclically monotone graphs and construction of a bipotential for the Coulomb's dry friction law*, **J. Convex Anal.**, **17(1)** (2010), pag. 81–94
799. Matei A, Osiceanu M, Two-field variational formulations for a class of nonlinear mechanical models, **Mathematics and Mechanics of Solids**, 27(11), (2022), p. 2532 – 2547
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Non maximal cyclically monotone graphs and construction of a bipotential for the Coulomb's dry friction law*, **J. Convex Anal.**, **17(1)** (2010), pag. 81–94
800. J. Zhang, J.F. Shao, Q.Z. Zhu, G. De Saxcé, A bipotential-based macroscopic fatigue criterion of porous materials with a pressure-sensitive and non-associated plastic solid matrix and comparison with numerical simulation, **Mechanics of Materials**, 27(11), Volume 165, (2022), 104161
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Non maximal cyclically monotone graphs and construction of a bipotential for the Coulomb's dry friction law*, **J. Convex Anal.**, **17(1)** (2010), pag. 81–94
801. Matei A, Osiceanu M, Two-Field Weak Solutions for a Class of Contact Models, **Mathematics**, 27(11), 10(3):369, (2022)
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Non maximal cyclically monotone graphs and construction of a bipotential for the Coulomb's dry friction law*, **J. Convex Anal.**, **17(1)** (2010), pag. 81–94
802. Matei, Andaluzia Cristina, A Three-Field Variational Formulation for a Frictional Contact Problem with Prescribed Normal Stress, **Fractal and Fractional**, 6(11):651, (2022)
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Bipotentials for non monotone multivalued operators: fundamental results and applications*, **Acta Applicandae Mathematicae**, **110**, **2** (2010), pag. 955–972
803. Matei A, Osiceanu M, Two-field variational formulations for a class of nonlinear mechanical models, **Mathematics and Mechanics of Solids**, 27(11), (2022), p. 2532 – 2547
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Bipotentials for non monotone multivalued operators:*

fundamental results and applications, **Acta Applicandae Mathematicae**, **110**, **2** (2010), pag. 955–972

804. Matei A, Osiceanu M, Two-Field Weak Solutions for a Class of Contact Models, **Mathematics**, 27(11), 10(3):369, (2022)
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Bipotentials for non monotone multivalued operators: fundamental results and applications*, **Acta Applicandae Mathematicae**, **110**, **2** (2010), pag. 955–972
805. Germán Kruszewski, Tomáš Mikolov, Emergence of Self-Reproducing Metabolisms as Recursive Algorithms in an Artificial Chemistry, **Artif Life** **2021**, 27 (3–4), (2022), p. 277 – 299
Citează: M Buliga, L.H. Kauffman, *Chemlambda, universality and self-multiplication*, in: Artificial Life 14, Proceedings of the Fourteenth International Conference on the Synthesis and Simulation of Living Systems, eds. Hiroki Sayama, John Rieffel, Sebastian Risi, René Doursat and Hod Lipson, **MIT Press**, **Complex Adaptive Systems**, (2014)
806. Germán Kruszewski, Tomáš Mikolov, Emergence of Self-Reproducing Metabolisms as Recursive Algorithms in an Artificial Chemistry, **Artif Life** **2021**, 27 (3–4), (2022), p. 277 – 299
Citează: M Buliga, *Artificial chemistry experiments with chemlambda, lambda calculus, interaction combinators*, **arXiv:2003.14332 [cs.AI]**, (2020)
807. G de Saxcé, A non incremental variational principle for brittle fracture, **International Journal of Solids and Structures**, Volume 252, (2022), 111761
Citează: M. Buliga, G. de Saxcé, *A symplectic Brezis-Ekeland-Nayroles principle*, **Mathematics and Mechanics of Solids** **22**, **6** (2017), pag. 1288–1302
808. G de Saxcé, A non incremental variational principle for brittle fracture, **International Journal of Solids and Structures**, Volume 252, (2022), 111761
Citează: M. Buliga, *Hamiltonian inclusions with convex dissipation with a view towards applications*, **Mathematics and its Applications** **1**, **2** (2009), pag. 228–251
809. Matei A, Osiceanu M, Two-field variational formulations for a class of nonlinear mechanical models, **Mathematics and Mechanics of Solids**, 27(11), (2022), p. 2532 – 2547
Citează: M. Buliga, G. de Saxcé, C. Vallée, *A variational formulation for constitutive laws described by bipotentials*, **Mathematics and Mechanics of Solids** **18** (2013), no. 1, pag. 78–90
810. Matei A, Osiceanu M, Two-Field Weak Solutions for a Class of Contact Models, **Mathematics**, 27(11), 10(3):369, (2022)
Citează: M. Buliga, G. de Saxcé, C. Vallée, *A variational formulation for constitutive laws described by bipotentials*, **Mathematics and Mechanics of Solids** **18** (2013), pag. 78–90
811. G. Blekherman, B.H. Madhusudhana, Quantum entanglement, symmetric nonnegative quadratic polynomials and moment problems, **Math. Program.** **193** (2022), Ser. B, pag. 601 - 628
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: general results*, **J. Math. Anal. Appl.** **284** (2003), pag. 174 – 190
812. P. Moustrou, H. Naumann, C. Riener, T. Theobald, H. Verdure, Symmetry reduction in AM/GM-based optimization, **SIAM J. Optim.** **32** (2022), no. 2, pag. 765 - 785
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: general results*, **J. Math. Anal. Appl.** **284** (2003), pag. 174 – 190

813. V. Lampret, Simple derivation of the Euler-Boole type summation formula and examples of its use, **Mediterr. J. Math.** **19** (2022), no. 2, Paper No. 77, 20 pp.
Citează: V. Timofte, *On Leibniz series defined by convex functions*, **J. Math. Anal. Appl.** **300** (2004), pag. 160 - 171
814. D.S. Marinescu, M. Monea, Some sequences of Euler type, their convergences and their stability, **Carpathian J. Math.** **38** (2022), pag. 469 – 476
Citează: V. Timofte, *Integral estimates for convergent positive series*, **J. Math. Anal. Appl.** **303** (2005), pag. 90 – 102
815. J. Chen, L. Guo, J. Jia, JH. Shang, XW. Wang, Resource allocation for IRS assisted SGF NOMA transmission: a MADRL approach, **IEEE J. Selected Areas Comm.** **40** (2002), pag. 1302 –1316
Citează: V. Timofte, A. Timofte, L. A. Khan, *Stone-Weierstrass and extension theorems in the nonlocally convex case*, **J. Math. Anal. Appl.** **462** (2018), pag. 1536 – 1554
816. R. Bortolotti, EF da Silva, Hausdorff dimension of thin higher-dimensional solenoidal attractors, **Nonlinearity** **35**, 6, 2022, 3261-3282,
Citează: E. Mihăilescu, *Unstable directions and fractal dimension for skew-products with overlaps in fibers*, **Math. Z.** **269**, 2011, 733-750.
817. R. Bortolotti, EF da Silva, Hausdorff dimension of thin higher-dimensional solenoidal attractors, **Nonlinearity** **35**, 6, 2022, 3261-3282,
Citează: E. Mihăilescu, M. Urbanski, *Transversal families of hyperbolic skew-products*, **Discrete and Continuous Dynamical Systems** **21** (2008), pag. 907 – 928.
818. R. Bortolotti, EF da Silva, Hausdorff dimension of thin higher-dimensional solenoidal attractors, **Nonlinearity** **35**, 2022, 3261-3282,
Citează: E. Mihăilescu and B. Stratmann, *Upper estimates for stable dimensions on fractal sets with variable number of foldings*, **International Mathematics Research Notices** **2014**, (23), 2014, 6474-6496.
819. D. Parmenter and M. Pollicott, Gibbs measures for hyperbolic attractors defined by densities, **Discrete and Continuous Dynamical Systems** **42**, 8, 2022, 3953-3977,
Citează: E. Mihăilescu, *Approximations for Gibbs states of arbitrary Holder potentials on hyperbolic folded sets*, **Discrete and Continuous Dynamical Systems** **32**, 2012, 961-975.
820. D. Parmenter and M. Pollicott, Gibbs measures for hyperbolic attractors defined by densities, **Discrete and Continuous Dynamical Systems** **42**, 2022, 3953-3977,
Citează: E. Mihăilescu, *Asymptotic distributions of preimages for endomorphisms*, **Ergodic Theory and Dynamical Systems** **31**, 2011, 911-934.
821. J. Wang, TT. Liu, Dimension estimates for repellers and expanding measures of C^1 dynamical systems, **Journal of Applied Analysis and Computation** **12**, 4, 2022, 1496-1516,
Citează: E. Mihăilescu, *On a class of stable conditional measures*, **Ergodic Theory and Dynamical Systems** **31**, 2011, 1499-1515.
822. J. Wang, TT. Liu, Dimension estimates for repellers and expanding measures of C^1 dynamical systems, **Journal of Applied Analysis and Computation** **12**, 4, 2022, 1496-1516,
Citează: E. Mihăilescu and B. Stratmann, *Upper estimates for stable dimensions on fractal sets with variable number of foldings*, **International Mathematics Research Notices** **2014**, (23), 2014, 6474-6496.

823. J. Wang, TT. Liu, Dimension estimates for repellers and expanding measures of C^1 dynamical systems, **Journal of Applied Analysis and Computation** **12**, 4, 2022, 1496-1516,
Citează: E. Mihăilescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, Communications in Contemporary Mathematics **24**, 2022, 6, 2150041.
824. C. Farsi, L. Huang, A. Kumjian, J. Packer, Cocycles on groupoids arising from N^k -actions, **Ergodic Theory and Dynamical Systems** **42**, 2022, 11, 3325-3356,
Citează: E. Mihăilescu, Higher dimensional expanding maps and toral extensions, Proceedings American Mathematical Society **141**, 2013, 3467-3475.
825. S. Biebler, Almost blenders and parablenders, **Ergodic Theory and Dynamical Systems** (2022), 42, 16,
Citează: E. Mihăilescu, M. Urbanski, Transversal families of hyperbolic skew-products, Discrete and Continuous Dynamical Systems **21** (2008), pag. 907 – 928.
826. D. Comez, M. Roychowdhury, Quantization for infinite affine transformations, **Fractal and Fractional**, 2022, 6, 239,
Citează: E. Mihăilescu, M. Roychowdhury, Quantization coefficients in infinite systems, Kyoto Journal of Mathematics **55**, 4, 2015, 857-873.
827. E. Mihăilescu and M. Urbanski, Geometry of measures in random systems with complete connections, **J. Geom. Anal.** **32**, 2022, 162,
Citează: E. Mihăilescu, On a class of stable conditional measures, Ergodic Theory Dynamical Systems **31** (2011) 1499-1515.
828. E. Mihăilescu and M. Urbanski, Geometry of measures in random systems with complete connections, **Journal of Geometric Analysis** **32**, 2022, 162,
Citează: E. Mihăilescu, Equilibrium measures, prehistories distributions and fractal dimensions for endomorphisms, Discrete Continuous Dynamical Systems **32**, (2012), 2485-2502.
829. E. Mihăilescu and M. Urbanski, Geometry of measures in random systems with complete connections, **Journal of Geometric Analysis** **32**, 2022, 162,
Citează: E. Mihăilescu and B. Stratmann, Upper estimates for stable dimensions on fractal sets with variable numbers of foldings, International Mathematics Research Notices **23** (2014) 6474-6496.
830. E. Mihăilescu and M. Urbanski, Geometry of measures in random systems with complete connections, **Journal of Geometric Analysis** **32**, 2022, 162,
Citează: E. Mihăilescu, M. Urbanski, Random countable iterated function systems with overlaps and applications, Advances in Mathematics **298**, 726-758 (2016).
831. E. Mihăilescu, M. Urbanski, Geometry of measures in random systems with complete connections, **J. Geom. Anal.** **32**, 2022, 162,
Citează: E. Mihăilescu, M. Urbanski, Skew product Smale endomorphisms over countable shifts of finite type, Ergodic Theory Dynamical Systems **40**, 3105-3149 (2020).
832. A. Bis, E. Mihăilescu, Inverse pressure for finitely generated semigroups, **Nonlinear Analysis** **222**, (2022), 112942,
Citează: J. E. Fornæss, E. Mihăilescu, Equilibrium measures on saddle sets for holomorphic maps on \mathbb{P}^2 , Math. Ann. **356**, 2013, 1471-1491.

833. A. Bis, E. Mihăilescu, Inverse pressure for finitely generated semigroups, **Nonlinear Analysis** **222**, (2022), 112942,
*Citează: E. Mihăilescu, Equilibrium measures, prehistories distributions and fractal dimensions for endomorphisms, Discrete Continuous Dynamical Systems **32**, (2012), 2485-2502.*
834. A. Bis and E. Mihăilescu, Inverse pressure for finitely generated semigroups, **Nonlinear Analysis** **222**, (2022), 112942,
Citează: E. Mihăilescu, Unstable directions and fractal dimension for skew products with overlaps in fibers, Math. Z. **269**, 2011, 733-750.
835. A. Bis and E. Mihăilescu, Inverse pressure for finitely generated semigroups, **Nonlinear Analysis** **222**, (2022), 112942,
Citează: E. Mihăilescu and M. Urbanski, Inverse topological pressure with applications to holomorphic dynamics of several variables, Commun. Contemp. Math. **6**, 2004, 653-679.
836. Z. Fathi, S. Lakzian, Bakry-Émery Ricci curvature bounds for doubly warped products of weighted spaces, **J. Geom. Anal.** **32** (3) (2022), pag. 1 – 75
Citează: A.I. Bonciocat, K.T. Sturm Mass transportation and rough curvature bounds for discrete spaces, J. Funct. Anal. **256** (9) (2009), pag. 2944 – 2966
837. D.V. Anand, Q. Xu, J. Wee, K. Xia, T.C. Sum, Topological feature engineering for machine learning based halide perovskite materials design, **npj Comput. Mater.** **8** (2022), pag. 1 – 8
Citează: A.I. Bonciocat, K.T. Sturm Mass transportation and rough curvature bounds for discrete spaces, J. Funct. Anal. **256** (9) (2009), pag. 2944 – 2966
838. A.I. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, Apollonius circles and irreducibility criteria for polynomials, **Indag. Math.** **33** (2) (2022), pag. 421 – 439
Citează: A.I. Bonciocat, N.C. Bonciocat The irreducibility of polynomials that have one large coefficient and take a prime value, Canad. Math. Bull. **52** (4) (2009), pag. 511 – 520
839. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65** (2022), pag. 149 – 180
Citează: A.I. Bonciocat, A. Zaharescu, Irreducibility results for compositions of polynomials with integer coefficients, Monatsh. Math. **149** (2006), pag. 31 – 41
840. C.M. Bonciocat, N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, Irreducibility criteria for some classes of compositions of polynomials with integer coefficients, **Bull. Math. Soc. Sci. Math. Roumanie** **65** (113) 2 (2022), pag. 149 – 180
Citează: A.I. Bonciocat, A. Zaharescu, Irreducibility results for compositions of polynomials in several variables, Proc. Indian Acad. Sci. (Math. Sci.) **115** (2005), pag. 117 – 126
841. A. Bis, E. Mihăilescu, Inverse pressure for finitely generated semigroups, **Nonlinear Analysis** **222**, (2022), 112942,
Citează: E. Mihăilescu and M. Urbanski, Inverse pressure estimates and the independence of stable dimension for non-invertible maps, Canad. J. Math. **60**, 2008, 658-684.
842. E. Mihăilescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Commun. Contemp. Math.**(2022), 24, 2150041,
Citează: E. Mihăilescu, On a class of stable conditional measures, Ergodic Theory Dynamical Systems **31** (2011) 1499-1515.

843. E. Mihăilescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Commun. Contemp. Math.**(2022), 24, 2150041,
Citează: E. Mihăilescu and B. Stratmann, Upper estimates for stable dimensions on fractal sets with variable numbers of foldings, Inter. Math. Res. Not. IMRN **23** (2014) 6474-6496.
844. E. Mihăilescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Commun. Contemp. Math.**(2022), 24, 2150041,
Citează: E. Mihăilescu, Unstable directions and fractal dimension for skew products with overlaps in fibers, Math. Z. **269**, 2011, 733-750.
845. A. Suci, *Cohomology jump loci of 3-manifolds Manuscripta Math.*, no. 167 (2022), 89 – 123
Citează: D. Măcinic, Ş. Papadima, C. Popescu, A. Suci Flat connections and resonance varieties: From rank one to higher ranks Trans. Amer. Math. Soc. **369** (2017), pag. 1309 – 1343.
846. E. Mihăilescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Commun. Contemp. Math.**(2022), 24, 2150041,
Citează: E. Mihăilescu and M. Urbanski, Overlap functions for measures in conformal iterated function systems, J. Statistical Phys. **162** (2016) 43-62.
847. Feng, ZW and Hong, MC Existence of minimizers and convergence of critical points for a new Landau-de Gennes energy functional in nematic liquid crystals, **Calc. Var. and PDE** 61, Issue 6, Art 219
Citează: A. Majumdar, A. Zarnescu. Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond Archive for Rational Mechanics and Analysis 196.1 (2010): 227-280.
848. Golovaty, D and Montero, JA Refined asymptotics for Landau-de Gennes minimizers on planar domains, **Calc. Var. and PDE** 61, Issue 6, Art 199
Citează: A. Majumdar, A. Zarnescu. Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond Archive for Rational Mechanics and Analysis 196.1 (2010): 227-280.
849. Huang, JR and Lin, JY Orientability and asymptotic convergence of Q-tensor flow of biaxial nematic liquid crystals **Calc. Var. and PDE** 61, Issue 5, Art 173
Citează: A. Majumdar, A. Zarnescu. Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond Archive for Rational Mechanics and Analysis 196.1 (2010): 227-280.
850. Han, YC; Dalby, J; Majumdar, A ; Carter, BMGD ; Machon, T Uniaxial versus biaxial pathways in one-dimensional cholesteric liquid crystals **Phys. Rev. Res.** 4, Issue 3, Art L032018
Citează: A. Majumdar, A. Zarnescu. Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond Archive for Rational Mechanics and Analysis 196.1 (2010): 227-280.
851. Han, YC; Harris, J; Majumdar, A; Zhang, L Elastic anisotropy in the reduced Landau-de Gennes model **Proc. Roy. Soc. A** 478, Issue 2261 Art 20210966
Citează: A. Majumdar, A. Zarnescu. Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond Arch. Rat. Mech. Anal. **196** (2010): 227-280.
852. Murata, M and Shibata, Y Global Well Posedness for a Q-tensor Model of Nematic Liquid Crystals **J. Math. Fluid. Mech.** 24, Issue 2, Art 34

- Citează:* A. Majumdar, A. Zarnescu. *Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond* **Arch. Rat. Mech. Anal.** **196** (2010): 227-280.
853. Chukwuemeka, EE and Walker, SW Accelerated Gradient Descent Methods for the Uniaxially Constrained Landau-de Gennes Model **Adv. Appl. Math. Mech.** 14, Issue 1, Pp.1-32
Citează: A. Majumdar, A. Zarnescu. *Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond* **Arch. Rat. Mech. Anal.** **196** (2010): 227-280.
854. Lu, XY; Xu, X and Zhang, WJ Blowup Rate Estimates of a Singular Potential and Its Gradient in the Landau-de Gennes Theory **J. Non. Sci.** 32, Issue 1, Art 6
Citează: A. Majumdar, A. Zarnescu. *Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond* **Arch. Rat. Mech. Anal.** **196** (2010): 227-280.
855. Xu, X Recent analytic development of the dynamic Q-tensor theory for nematic liquid crystals **Elect. Res. Arc.** 30, Issue 6, Pp. 2220-2246
Citează: A. Majumdar, A. Zarnescu. *Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond* **Arch. Rat. Mech. Anal.** **196** (2010): 227-280.
856. H. Lundmark, J. Szmigielski, A view of the peakon world through the lens of approximation theory, **Physica D - Nonlinear Phenomena** **440** (2022), Art. No. 133446.
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
857. C. Martin, Some explicit solutions of the three-dimensional Euler equations with a free surface, **Math. Ann.** **384** (2022), 1653–1673.
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the f-plane approximation*, **Nonlinear Anal. - Real World Appl.** **24** (2015), 190–195.
858. A.A. Abrashkin, E.N. Pelinovsky, Gerstner waves and their generalizations in hydrodynamics and geophysics, **Physics Uspekhi** **65** (2022), 453–467.
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the f-plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
859. F. Miao, M. Fečkan, J. Wang, Exact solution and instability for geophysical edge waves, **Communications on Pure and Applied Analysis** **21** (2022), 2447–2461.
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the f-plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
860. F. Miao, M. Fečkan, J. Wang, Stratified equatorial flows in the β -plane approximation with a free surface, **Monatsh. Math.** (2022), DOI 10.1007/s00605-022-01685-2.
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the f-plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
861. C. Martin, Some explicit solutions of the three-dimensional Euler equations with a free surface, **Math. Ann.** **384** (2022), 1653–1673.
Citează: D. Ionescu-Kruse. *On the short-wavelength stabilities of some geophysical flows*, **Phil. Trans. Royal Soc. A - Math. Phys. Eng. Sci.** **376** (2018), 20170090.
862. C. Martin, On three-dimensional free surface water flows with constant vorticity, **Communications on Pure and Applied Analysis** **21** (2022), 2415–2431.
Citează: D. Ionescu-Kruse. *On the short-wavelength stabilities of some geophysical flows*, **Philosophical Transactions of the Royal Society A - Mathematical Physical and Engineering Sciences** **376** (2018), 20170090.

863. F. Miao, M. Fečkan, J. Wang, Exact solution and instability for geophysical edge waves, **Communications on Pure and Applied Analysis** **21** (2022): 2447–2461.
*Citează: D. Ionescu-Kruse, Instability of equatorially trapped waves in stratified water, Annali di Matematica Pura ed Applicata **195** (2016), 585–599.*
864. F. Miao, M. Fečkan, J. Wang, Stratified equatorial flows in the β -plane approximation with a free surface, **Monatsh. Math.** (2022), DOI 10.1007/s00605-022-01685-2.
Citează: D. Ionescu-Kruse, An exact solution for geophysical edge waves in the β -plane approximation, Journal of Mathematical Fluid Mechanics **17** (2015), 699–706.
865. F. Miao, M. Fečkan, J. Wang, Exact solution and instability for geophysical edge waves, **Communications on Pure and Applied Analysis** **21** (2022): 2447–2461.
Citează: D. Ionescu-Kruse, An exact solution for geophysical edge waves in the β -plane approximation, Journal of Mathematical Fluid Mechanics **17** (2015), 699–706.
866. J. Wang, M. Fečkan, Y. Guan, Constant vorticity atmospheric Ekman flows in the f-plan approximation, **Discrete and Continuous Dynamical Systems-Series B** **27** (2022), 6619–6630.
Citează: D. Ionescu-Kruse, Instability of edge waves along a sloping beach, Journal of Differential Equations **256** (2014), 3999–4012.
867. J. Wang, M. Fečkan, Y. Guan, Constant vorticity atmospheric Ekman flows in the f-plan approximation, **Discrete and Continuous Dynamical Systems-Series B** **27** (2022), 6619–6630.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, Exact solution and instability for geophysical waves at arbitrary latitude, Discrete and Continuous Dynamical Systems **39** (2019), 4399–4414.
868. Y. Yang, X. Wang, An analysis of some exact solutions for stratified wind-stress flows with centripetal effects, **Annali di Matematica Pura ed Applicata** **201** (2022), 2663–2676.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, Exact solution and instability for geophysical waves at arbitrary latitude, Discrete and Continuous Dynamical Systems **39** (2019), 4399–4414.
869. L. Fan, R. Liu, An exact solution representing equatorial wind-drift currents with depth-dependent continuous stratification, **Monatsh. Math.** (2022),
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, Exact solution and instability for geophysical waves at arbitrary latitude, Discrete and Continuous Dynamical Systems **39** (2019), 4399–4414.
870. T. Yang, M. Fečkan, J. Wang, On some azimuthal equatorial flows, **Monatsh. Math.** (2022)
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, Exact solution and instability for geophysical waves at arbitrary latitude, Discrete and Continuous Dynamical Systems **39** (2019), 4399–4414.
871. F. Miao, M. Fečkan, J. Wang, Stratified equatorial flows in the β -plane approximation with a free surface, **Monatsh. Math.** (2022), DOI 10.1007/s00605-022-01685-2
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, Exact solution and instability for geophysical waves at arbitrary latitude, Discrete and Continuous Dynamical Systems **39** (2019), 4399–4414.
872. F. Miao, M. Fečkan, J. Wang, Exact solution and instability for geophysical edge waves, **Communications on Pure and Applied Analysis** **21** (2022), 2447–2461.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, Exact solution and instability for geophysical waves at arbitrary latitude, Discrete and Continuous Dynamical Systems **39** (2019), 4399–4414.
873. F. Miao, M. Fečkan, J. Wang, Constant vorticity water flows in the modified equatorial β -plane approximation, **Monatsh. Math.** **197** (2022), 517–527.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, Exact solution and instability for geophysical waves at arbitrary latitude, Discrete and Continuous Dynamical Systems **39** (2019), 4399–4414.

874. C. Martin, R. Quirchmayr, Exact solutions and internal waves for the Antarctic Circumpolar Current in spherical coordinates, **Studies in Applied Mathematics** **148** (2022), 1021–1039.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves at arbitrary latitude*, **Discrete and Continuous Dynamical Systems** **39** (2019), 4399–4414.
875. X. Wang, Y. Yang, C. Zhang, Dispersion Relations for Fixed Mean-Depth Steady Periodic Water Waves with Affine Vorticities, **Journal of Mathematical Fluid Mechanics** **24** (2022), Art. No. 10.
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **Journal of Differential Equations** **262** (2017), 4451–4474.
876. Y. Guan, M. Fečkan, J. Wang, The Ekman spiral for two types of eddy viscosities, **Applicable Analysis** (2022)
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **Journal of Differential Equations** **262** (2017), 4451–4474.
877. A. Geyer, R. Quirchmayr, Weakly nonlinear waves in stratified shear flows, **Communications on Pure and Applied Analysis** **21**(2022), 2309.
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **Journal of Differential Equations** **262** (2017), 4451–4474.
878. DC Chang, SC Chang, TJ Kuo, C Lin, Vanishing theorem of Kohn-Rossi cohomology class and rigidity of Sasakian space form, **Pure Appl. Math. Q.** **18** (2022), pag. 411 – 436
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
879. Q. Zhao, F. Zheng, On Gauduchon Kähler-Like Manifolds. **J Geom Anal** **32**, art. nr. 110 (2022)
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
880. M Garcia-Fernandez, R Rubio, Canonical metrics on holomorphic Courant algebroids, **Proc. London Math. Soc.** **125** (2022), pag. 700 – 758
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
881. A. Otiman, Special Hermitian metrics on Oeljeklaus–Toma manifolds, **Bull. London Math. Soc.** **54** (2022), pag. 655 – 667
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
882. L. Ornea, A. Otiman, M. Stanciu, Compatibility between non-Kähler structures on complex (nil) manifolds, **Transformation groups** (2022), pag. 655 – 667
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
883. L. Ornea, M. Verbitsky, Supersymmetry and Hodge theory on Sasakian and Vaisman manifolds, **manuscripta math.** (2022)
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
884. B Cappelletti-Montano, A De Nicola, I Yudin, Integrable LCK manifolds, **An. Glob. Anal. Geom.** **61** (2022), pag. 479 – 497

- Citează:* F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
885. H. Sawai, On LCK solvmanifolds with a property of Vaisman solvmanifolds, **Complex manifolds** **9** (2022), pag. 196 – 205
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
886. L Chen, G Lu, Q Yang, M Zhu, Sharp Critical and Subcritical Trace Trudinger–Moser and Adams Inequalities on the Upper Half-Spaces, **J. Geom. Anal.** **32** (2022), art. nr. 198
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
887. T Fatima, MA Akyol, AA Alzulaibani, On a submersion of generic submanifold of a nearly Kaehler manifold, **Int. J. Geom. Methods Mod. Phys.** **19** (2022), art. nr. 2250048
Citează: F. Belgun, A. Moroianu *Nearly Kähler 6-manifolds with reduced holonomy*, **An. Glob. Anal. Geom.** **19** (2001), pag. 307 – 319
888. J. Inoguchi, MI Munteanu, Magnetic Jacobi Fields in 3-Dimensional Sasakian Space Forms, **J. Geom. Anal.** **32** (2022), art. nr. 96
Citează: F. A. Belgun *Normal CR structures on compact 3-manifolds*, **Math. Z.** **238** (2001), pag. 441 – 460.
889. CP Boyer, CW Tønnesen-Friedman, The S_w^3 Sasaki join construction, **J. Math. Soc. Japan** **74** (2022), pag. 1335 – 1371
Citează: F. A. Belgun *Normal CR structures on compact 3-manifolds*, **Math. Z.** **238** (2001), pag. 441 – 460.
890. PA Nagy, U Semmelmann, Conformal Killing forms in Kähler geometry, **Ill. J. Math** **66** (2022), pag. 349 – 384
Citează: F. Belgun, A. Moroianu, U. Semmelmann *Killing forms on symmetric spaces*, **Diff. Geom. Appl.** **24** (2006), pag. 215 – 222.
891. A. Herrera, M. Origlia, Invariant Conformal Killing–Yano 2-Forms on Five-Dimensional Lie Groups, **J. Geom. Anal.** **32** (2022), art. nr. 210
Citează: F. Belgun, A. Moroianu, U. Semmelmann *Killing forms on symmetric spaces*, **Diff. Geom. Appl.** **24** (2006), pag. 215 – 222.
892. A Maalaoui, V Martino, Compactness of Dirac–Einstein Spin Manifolds and Horizontal Deformations, **J. Geom. Anal.** **32** (2022), art. nr. 201
Citează: F. A. Belgun *The Einstein-Dirac equation on Sasakian 3-manifolds*, **J. Geom. Phys.** **37** (2001), pag. 229 – 236.
893. M. Stanciu, Locally conformally symplectic reduction of the cotangent bundle, **An. Glob. Anal. Geom.** **61** (2022), pag. 533 – 551
Citează: F. Belgun, O. Goertsches, D. Petrecca *Locally conformally symplectic convexity*, **J. Geom. Phys.** **135** (2019), pag. 235 – 252.
894. B. Basu, On the nonlinear three-dimensional models in equatorial ocean flows, **Communications on Pure and Applied Analysis** **21** (2022), 2271–2290.
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **Journal of Differential Equations** **262** (2017), 4451–4474.

895. C. Martin, Some explicit solutions of the three-dimensional Euler equations with a free surface, **Mathematische Annalen** **384** (2022), 1653–1673.
Citează: D. Ionescu-Kruse, C. I. Martin, *Local Stability for an Exact Steady Purely Azimuthal Equatorial Flow*, **Journal of Mathematical Fluid Mechanics** **20** (2018), 27–34.
896. F. Miao, M. Fečkan, J. Wang, Stratified equatorial flows in the β -plane approximation with a free surface, **Monatsh. Math.** (2022)
Citează: D. Ionescu-Kruse, C. I. Martin, *Local Stability for an Exact Steady Purely Azimuthal Equatorial Flow*, **Journal of Mathematical Fluid Mechanics** **20** (2018), 27–34.
897. C. Martin, On three-dimensional free surface water flows with constant vorticity, **Communications on Pure and Applied Analysis** **21** (2022), 2415–2431.
Citează: D. Ionescu-Kruse, C. I. Martin, *Local Stability for an Exact Steady Purely Azimuthal Equatorial Flow*, **Journal of Mathematical Fluid Mechanics** **20** (2018), 27–34.
898. X. Wang, Y. Yang, C. Zhang, Dispersion Relations for Fixed Mean-Depth Steady Periodic Water Waves with Affine Vorticities, **Journal of Mathematical Fluid Mechanics** **24** (2022), Art. No. 10.
Citează: D. Ionescu-Kruse, A. V. Matioc, *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems** **34** (2014), 3045–3060.
899. T. Lyons, Particle paths in equatorial flows, **Communications on Pure and Applied Analysis** **21** (2022), 2399.
Citează: D. Ionescu-Kruse, A. V. Matioc, *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems** **34** (2014), 3045–3060.
900. D. Henry, G. Villari, Flow underlying coupled surface and internal waves, **Journal of Differential Equations** **310** (2022), 404–442.
Citează: D. Ionescu-Kruse, A. V. Matioc, *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems** **34** (2014), 3045–3060.
901. D. Henry, Energy considerations for nonlinear equatorial water waves, **Communications on Pure and Applied Analysis** **21** (2022), 2337.
Citează: D. Ionescu-Kruse, A. V. Matioc, *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems** **34** (2014), 3045–3060.
902. L. Fan, H. Gao, H. Li, On the Geophysical Green-Naghdi System, **Journal of Nonlinear Science** **32** (2022), 1–30.
Citează: D. Ionescu-Kruse, A. V. Matioc, *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems** **34** (2014), 3045–3060.
903. Y. Yang, X. Wang, An analysis of some exact solutions for stratified wind-stress flows with centripetal effects, **Annali di Matematica Pura ed Applicata** **201** (2022), 2663–2676.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **Journal of Mathematical Fluid Mechanics** **21** (2019), Art. No.: UNSP 19.

904. D. Su, Exact azimuthal equatorially trapped waves with centripetal force in modified equatorial β -plane approximation and at arbitrary latitude, **Monatsh. Math.** **197** (2022), 365–380.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **J. Math. Fluid Mech.** **21** (2019), Art. No.: UNSP 19.
905. J. Wang, M. Fečkan, Y. Guan, Constant vorticity atmospheric Ekman flows in the f-plan approximation, **Discrete and Continuous Dynamical Systems-Series B** **27** (2022), 6619–6630.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **J. Math. Fluid Mech.** **21** (2019), Art. No.: UNSP 19.
906. T. Yang, M. Fečkan, J. Wang, On some azimuthal equatorial flows, **Monatsh. Math.** (2022), DOI 10.1007/s00605-022-01728-8.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **J. Math. Fluid Mech.** **21** (2019), Art. No.: UNSP 19.
907. F. Miao, M. Fečkan, J. Wang, Stratified equatorial flows in the β -plane approximation with a free surface, **Monatsh. Math.** (2022), DOI 10.1007/s00605-022-01685-2.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **Journal of Mathematical Fluid Mechanics** **21** (2019), Art. No.: UNSP 19.
908. F. Miao, M. Fečkan, J. Wang, Constant vorticity water flows in the modified equatorial β -plane approximation, **Monatsh. Math.** **197** (2022), 517–527.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **Journal of Mathematical Fluid Mechanics** **21** (2019), Art. No.: UNSP 19.
909. F. Miao, M. Fečkan, J. Wang, Exact solution and instability for geophysical edge waves, **Communications on Pure and Applied Analysis** **21** (2022): 2447–2461.
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **Journal of Mathematical Fluid Mechanics** **21** (2019), Art. No.: UNSP 19.
910. D. Su, Dong, Exact azimuthal equatorially trapped waves with centripetal force in modified equatorial β -plane approximation and at arbitrary latitude, **Monatsh. Math.** **197** (2022), 365–380.
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **Journal of Differential Equations** **264** (2018), 4650–4668.
911. L. Fan, R. Liu, An exact solution representing equatorial wind-drift currents with depth-dependent continuous stratification, **Monatsh. Math.** (2022),
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **J. Differential Equations** **264** (2018), 4650–4668.
912. K. Marynets, A hyperbolic-type azimuthal velocity model for equatorial currents, **Appl. Anal.** **101** (2022), 1147–1155.
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **J. Differential Equations** **264** (2018), 4650–4668.

913. C. Martin, R. Quirchmayr, Exact solutions and internal waves for the Antarctic Circumpolar Current in spherical coordinates, **Studies in Applied Mathematics** **148** (2022), 1021–1039.
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **Journal of Differential Equations** **264** (2018), 4650–4668.
914. L. Fan, H. Gao, H. Li, On the Geophysical Green-Naghdi System, **Journal of Nonlinear Science** **32** (2022), 1–30.
Citează: D. Dutykh, D. Ionescu-Kruse, *Travelling wave solutions for some two-component shallow water models*, **Journal of Differential Equations** **261** (2016), 1099–1114.
915. F. Miao, M. Fečkan, J. Wang, Exact solution and instability for geophysical edge waves, **Communications on Pure and Applied Analysis** **21** (2022), 2447–2461.
Citează: D. Ionescu-Kruse: *Short-wavelength instabilities of edge waves in stratified water*, **Discrete and Continuous Dynamical Systems** **35** (2015), 2053–2066.
916. J. Wang, M. Feckan, Y. Guan, Constant vorticity atmospheric Ekman flows in the f-plan approximation, **Discrete and Continuous Dynamical Systems-Series B** **27** (2022), 6619–6630.
Citează: D. Ionescu-Kruse: *Short-wavelength instabilities of edge waves in stratified water*, **Discrete and Continuous Dynamical Systems** **35** (2015), 2053–2066.
917. L. Fan, H. Gao, H. Li, On the Geophysical Green-Naghdi System, **Journal of Nonlinear Science** **32** (2022), 1–30.
Citează: D. Ionescu-Kruse, *On Pollard’s wave at the equator*, **Journal of Nonlinear Mathematical Physics** **22** (2015) 523–530.
918. C. Martin, On three-dimensional free surface water flows with constant vorticity, **Communications on Pure and Applied Analysis** **21** (2022), 2415–2431.
Citează: D. Ionescu-Kruse, *Local Stability for an Exact Steady Purely Azimuthal Flow which Models the Antarctic Circumpolar Current*, **Journal of Mathematical Fluid Mechanics** **20** (2018), 569–579.
919. C. Martin, Some explicit solutions of the three-dimensional Euler equations with a free surface, **Mathematische Annalen** **384** (2022), 1653–1673.
Citează: D. Ionescu-Kruse, *Local Stability for an Exact Steady Purely Azimuthal Flow which Models the Antarctic Circumpolar Current*, **Journal of Mathematical Fluid Mechanics** **20** (2018), 569–579.
920. V. Duchêne, C. Klein, Numerical study of the Serre-Green-Naghdi equations and a fully dispersive counterpart, **Discrete and Continuous Dynamical Systems-Series B** **27** (2022), 5905–5933.
Citează: D. Ionescu-Kruse, *Variational derivation of the Green-Naghdi shallow-water equations*, **Journal of Nonlinear Mathematical Physics** **19** (2012), art. no.: 1240001.
921. L. Fan, H. Gao, H. Li, On the Geophysical Green-Naghdi System, **Journal of Nonlinear Science** **32** (2022), 1–30.
Citează: D. Ionescu-Kruse, *Variational derivation of the Green-Naghdi shallow-water equations*, **Journal of Nonlinear Mathematical Physics** **19** (2012), art. no.: 1240001.
922. T.P. Horikis, D.J. Frantzeskakis, N.F. Smyth, Extended shallow water wave equations, **Wave Motion** **112** (2022), Art. No. 102934.
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation with non-zero vorticity*, **Discrete and Continuous Dynamical Systems A** **19** (2007), 531–543.

923. L. Roberti, The surface current of Ekman flows with time-dependent eddy viscosity, **Communications on Pure and Applied Analysis** **21** (2022), 2463.
*Citează: D. Ionescu-Kruse: Analytical Atmospheric Ekman-Type Solutions with Height-Dependent Eddy Viscosities, Journal of Mathematical Fluid Mechanics **23** (2021), Art. No. 18.*
924. Y. Guan, M. Fečkan, J. Wang, The Ekman spiral for two types of eddy viscosities, **Applicable Analysis** (2022), DOI 10.1080/00036811.2022.2044026.
*Citează: D. Ionescu-Kruse: Analytical Atmospheric Ekman-Type Solutions with Height-Dependent Eddy Viscosities, Journal of Mathematical Fluid Mechanics **23** (2021), Art. No. 18.*
925. T. Yang, M. Fečkan, J. Wang, Atmospheric Ekman flows with uniform density in ellipsoidal coordinates: Explicit solution and dynamical properties, **Journal of Geometric Mechanics** **14** (2022), 473–490.
*Citează: D. Ionescu-Kruse: Analytical Atmospheric Ekman-Type Solutions with Height-Dependent Eddy Viscosities, Journal of Mathematical Fluid Mechanics **23** (2021), Art. No. 18.*
926. J. Wang, M. Fečkan, Y. Guan, Constant vorticity atmospheric Ekman flows in the f-plan approximation, **Discrete and Continuous Dynamical Systems-Series B** **27** (2022), 6619–6630.
*Citează: D. Ionescu-Kruse: Analytical Atmospheric Ekman-Type Solutions with Height-Dependent Eddy Viscosities, Journal of Mathematical Fluid Mechanics **23** (2021), Art. No. 18.*
927. L. Fan, H. Gao, H. Li, On the Geophysical Green-Naghdi System, **Journal of Nonlinear Science** **32** (2022), Art. No. 21.
*Citează: D. Ionescu-Kruse, Variational derivation of a geophysical Camassa-Holm type shallow water equation, Nonlinear Analysis **156** (2017), 286–294.*
928. D. Henry, G. Villari, Flow dynamics for coupled surface and internal deep-water waves, **Annali di Matematica Pura ed Applicata** (2022), 1–26.
*Citează: D. Ionescu-Kruse, On the particle paths and the stagnation points in small-amplitude deep-water waves, Journal of Mathematical Fluid Mechanics **15** (2013), 41–54.*
929. D. Henry, G. Villari, Flow underlying coupled surface and internal waves, **Journal of Differential Equations** **310** (2022), 404–442.
*Citează: D. Ionescu-Kruse, On the particle paths and the stagnation points in small-amplitude deep-water waves, Journal of Mathematical Fluid Mechanics **15** (2013), 41–54.*
930. Y. D. Chashechkin, D. Yuli, A. A. Ochirov, Periodic Waves and Ligaments on the Surface of a Viscous Exponentially Stratified Fluid in a Uniform Gravity Field, **Axioms** **11** (2022), Art. No. 402.
*Citează: D. Ionescu-Kruse, On the particle paths and the stagnation points in small-amplitude deep-water waves, Journal of Mathematical Fluid Mechanics **15** (2013), 41–54.*
931. D. Henry, G. Villari, Flow underlying coupled surface and internal waves, **Journal of Differential Equations** **310** (2022), 404–442.
*Citează: D. Ionescu-Kruse, Small-amplitude capillary-gravity water waves: Exact solutions and particle motion beneath such waves, Nonlinear Analysis: Real World Applications **11** (2010), 2989–3000.*
932. C. Martin, A. Petrusel, Free surface equatorial flows in spherical coordinates with discontinuous stratification depending on depth and latitude, **Annali di Matematica Pura ed Applicata** **201** (2022), 2677–2690.
Citează: D. Ionescu-Kruse, Exponential profiles producing genuine three-dimensional nonlinear

- flows relevant for equatorial ocean dynamics*, **Journal of Differential Equations** **268** (2020), 1326–1344.
933. A. A. Abrashkin, Gouyon waves in water of finite depth, **Monatsh. Math.** **199** (2022), 717–732.
Citează: D. Ionescu-Kruse, *Elliptic and hyperelliptic functions describing the particle motion beneath small-amplitude water waves with constant vorticity*, **Communications on Pure and Applied Analysis** **11** (2012), 1475–1496.
934. R. Gong et al., Linear Stability of Exact Solutions for the Generalized Kaup-Boussinesq Equation and their Dynamical Evolutions, **Discrete and Continuous Dynamical Systems** **42** (2022), 3355–3378.
Citează: D. Dutykh, D. Ionescu-Kruse, *Effects of vorticity on the travelling waves of some shallow water two-component systems*, **Discrete and Continuous Dynamical Systems** **39** (2019), 5521–5541.
935. F. Qu et al., Cross-Medium Communication Combining Acoustic Wave and Millimeter Wave: Theoretical Channel Model and Experiments, **IEEE Journal of Oceanic Engineering** **47** (2022), 483–492
Citează: D. Ionescu-Kruse, *Exact solutions for small-amplitude capillary-gravity water waves*, **Wave Motion** **46** (2009), 379–388.
936. U. Kohlenbach, On the Proximal Point Algorithm and its Halpern-type variant for generalized monotone operators in Hilbert space, **Optimization Letters** **16** (2022), pag. 611–621.
Citează: A. Sipoş, *Quantitative inconsistent feasibility for averaged mappings*, **Optimization Letters** **16** (2022), pag. 1915–1925.
937. U. Kohlenbach, P. Pinto, Quantitative translations for viscosity approximation methods in hyperbolic spaces, **J. Math. Anal. Appl.** **507** (2022), 125823 [33 pag.].
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Communications in Contemporary Mathematics** **23** (2021), 19550093 [63 pag.].
938. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Computational Optimization and Applications** **83** (2022), pag. 349–380.
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Communications in Contemporary Mathematics** **23** (2021), 19550093 [63 pag.].
939. A. Sipoş, Abstract strongly convergent variants of the proximal point algorithm, **Computational Optimization and Applications** **83** (2022), pag. 349–380.
Citează: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **Journal of Global Optimization** **72** (2018), pag. 553–577.
940. A. Freund, U. Kohlenbach, R. E. Bruck, proof mining and a rate of asymptotic regularity for ergodic averages in Banach spaces, **Applied Set-Valued Analysis and Optimization** **4** (2022), pag. 323–336.
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Communications in Contemporary Mathematics** **23** (2021), 19550093 [63 pag.].
941. A. Freund, U. Kohlenbach, R. E. Bruck, proof mining and a rate of asymptotic regularity for ergodic averages in Banach spaces, **Applied Set-Valued Analysis and Optimization** **4** (2022), pag. 323–336.
Citează: A. Sipoş, *Quantitative inconsistent feasibility for averaged mappings*, **Optimization Letters** **16** (2022), pag. 1915–1925.

942. A. W. Gutiérrez, C. Walsh, Firm non-expansive mappings in weak metric spaces, **Arch. Math.** **119** (2022), pag. 389–400.
Citează: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553–577.
943. MAG. Morales, L. Glebsky, Property of defect diminishing and stability, **International Electronic Journal of Algebra** (2022), Vol 31, Iss 31, pag. 49 - 54
Citează: G. Arzhantseva and L. Paunescu, *Almost commuting permutations are near commuting permutations*, **J. Funct. Anal.** (2015), 269(3), pag 745-757.
944. O. Becker, A. Lubotzky, J. Mosheiff, Testability of relations between permutations, **2021 IEEE 62nd Annual Symposium on Foundations of Computer Science (FOCS)**, (2022), pp. 286-297
Citează: G. Arzhantseva and L. Paunescu, *Almost commuting permutations are near commuting permutations*, **J. Funct. Anal.** (2015), 269(3), pag 745-757.
945. A. Ioana, On sofic approximations of $\mathcal{F}_2 \times \mathcal{F}_2$, **Ergodic Theory and Dynamical Systems**, (2022), Vol 42, Iss 7, pp. 2333-2351
Citează: G. Arzhantseva and L. Paunescu, *Almost commuting permutations are near commuting permutations*, **J. Funct. Anal.** (2015), 269(3), pag 745-757.
946. J Brude, R Sasyk, Metric approximations of unrestricted wreath products when the acting group is amenable, **Communications in Algebra**, (2022), Vol 50, Iss 3, pp. 949-961
Citează: G. Arzhantseva and L. Paunescu, *Linear sofic groups and algebras*, **Transactions of the American Mathematical Society** (2017), 369(4), pag 2285-2310.
947. S Atkinson, I Goldbring, SK Elayavalli, Factorial relative commutants and the generalized Jung property for II_1 factors, **Advances in Mathematics**, (2022), Vol 396, 108107
Citează: L. Paunescu, *A convex structure on sofic embeddings*, **Ergodic Theory and Dynamical Systems** (2014), 34(4), pag 1343-1352.
948. S Atkinson, I Goldbring, SK Elayavalli, Factorial relative commutants and the generalized Jung property for II_1 factors, **Advances in Mathematics**, (2022), Vol 396, 108107
Citează: L. Paunescu, *Convex structures revisited*, **Ergodic Theory and Dynamical Systems** (2016), 36(5), pag 1596 - 1615.
949. S Atkinson, I Goldbring, SK Elayavalli, Factorial relative commutants and the generalized Jung property for II_1 factors, **Advances in Mathematics**, (2022), Vol 396, 108107
Citează: L. Paunescu, *All automorphisms of the universal sofic group are class-preserving*, **Revue Roumaine de Mathématiques Pures et Appliquées** (2014), Special Issue, 59(2), pag 255-263.
950. J. N. A. Alvarez, J. M. F. Vilaboa, R. G. Rodriguez, Cocycle deformations for Hom-Hopf algebras, **J. Algebra** **601** (2022), pag. 354 – 389
Citează: A. Makhlof, F. Panaite *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501
951. T. Ben Jmaa, A. Makhlof, N. Saadaoui, Current Hom-Lie algebras, **Acta Comment. Univ. Tart. Math.** **26** (2022), pag. 103 – 127
Citează: A. Makhlof, F. Panaite *Twisting operators, twisted tensor products and smash products for Hom-associative algebras*, **Glasg. Math. J.** **58** (2016), pag. 513 – 538

952. E. K. Cetinalp, Iterated bicrossed product of groups, **Konuralp J. Math.** **10** (2022), pag. 134 – 137
Citează: F. Panaite *Iterated crossed products*, **J. Algebra Appl.** **13** (2014), art. nr. 1450036
953. Y.-S. Cheng, H.-G. Qi, Representations of BiHom-Lie algebras, **Algebra Colloq.** **29** (2022), pag. 125 – 142
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA Symmetry Integrability Geom. Methods Appl.** **11** (2015), art. nr. 086
954. A. Das, Cohomology of BiHom-associative algebras, **J. Algebra Appl.** **21** (2022), art. nr. 2250008
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA Symmetry Integrability Geom. Methods Appl.** **11** (2015), art. nr. 086
955. X. Hu, Universal enveloping Hom-algebras of regular Hom-Poisson algebras, **AIMS Mathematics** **7** (2022), pag. 5712 – 5727
Citează: A. Makhlouf, F. Panaite *Hom-L-R-smash products, Hom-diagonal crossed products and the Drinfeld double of a Hom-Hopf algebra*, **J. Algebra** **441** (2015), pag. 314 – 343
956. L. Liu, B. Shen, The braiding structure and duality of the category of left-left BiHom-Yetter-Drinfeld modules, **Mathematics** **10** (2022), art. nr. 621
Citează: A. Makhlouf, F. Panaite *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501
957. L. Liu, B. Shen, The braiding structure and duality of the category of left-left BiHom-Yetter-Drinfeld modules, **Mathematics** **10** (2022), art. nr. 621
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA Symmetry Integrability Geom. Methods Appl.** **11** (2015), art. nr. 086
958. D. Lu, Y. Ning, Yetter Drinfeld category for the quasi-Turaev group coalgebra and cocycle deformation, **J. Algebra Appl.** **21** (2022), art. nr. 2250096
Citează: D. Bulacu, S. Caenepeel, F. Panaite *Yetter-Drinfeld categories for quasi-Hopf algebras*, **Comm. Algebra** **34** (2006), pag. 1 – 35
959. T. Ma, J. Li, L. Chen, S.-H. Wang, Rota-Baxter operators on Turaev’s Hopf group (co)algebras I: Basic definitions and related algebraic structures, **J. Geom. Phys.** **175** (2022), art. nr. 104469
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA Symmetry Integrability Geom. Methods Appl.** **11** (2015), art. nr. 086
960. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118
Citează: J. Lopez, F. Panaite, F. Van Oystaeyen, *General twisting of algebras*, **Adv. Math.** **212** (2007), pag. 315 – 337
961. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118

- Citează:* G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA Symmetry Integrability Geom. Methods Appl.** **11** (2015), art. nr. 086
962. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118
Citează: F. Panaite, F. Van Oystaeyen, *Twisted algebras and Rota-Baxter type operators*, **J. Algebra Appl.** **16** (2017), art. nr. 1750079
963. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, $\{\sigma, \tau\}$ -Rota-Baxter operators, infinitesimal Hom-bialgebras and the associative (Bi)Hom-Yang-Baxter equation, **Canad. Math. Bull.** **62** (2019), pag. 355 – 372
964. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *Rota-Baxter operators on BiHom-associative algebras and related structures*, **Colloq. Math.** **161** (2020), pag. 263 – 294
965. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *BiHom-Novikov algebras and infinitesimal BiHom-bialgebras*, **J. Algebra** **560** (2020), pag. 1146 – 1172
966. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *BiHom-pre-Lie algebras, BiHom-Leibniz algebras and Rota-Baxter operators on BiHom-Lie algebras*, **Georgian Math. J.** **28** (2021), pag. 581 – 594
967. T. Ma, J. Li, Nonhomogeneous associative Yang-Baxter equations, **Bull. Math. Soc. Sci. Math. Roum.** **65** (2022), pag. 97 – 118
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *Tensor products and perturbations of BiHom-Novikov-Poisson algebras*, **J. Geom. Phys.** **161** (2021), art. nr. 104026
968. G. Shi, S.-H. Wang, A new approach to Rota-Baxter coalgebras, **Colloq. Math.** **168** (2022), pag. 85 – 104
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *Rota-Baxter operators on BiHom-associative algebras and related structures*, **Colloq. Math.** **161** (2020), pag. 263 – 294
969. S. Zhang, S.-H. Wang, A new approach to braided T-categories and generalized quantum Yang-Baxter equations, **Mathematics** **10** (2022), art. nr. 968
Citează: F. Panaite, M. D. Staic, *Generalized (anti) Yetter-Drinfeld modules as components of a braided T-category*, **Israel J. Math.** **158** (2007), 349 – 366
970. H. Zheng, Y. Zhang, L.-Y. Zhang, Rota-Baxter paired comodules and Rota-Baxter paired Hopf modules, **Colloq. Math.** **168** (2022), pag. 59 – 83
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *Rota-Baxter operators on BiHom-associative algebras and related structures*, **Colloq. Math.** **161** (2020), pag. 263 – 294
971. S. X. Wang, X. Zhang, S. Guo, The Hom-Long dimodule category and nonlinear equations, **Electronic Research Archive** **30** (2022), pag. 362 – 381

- Citează:* A. Makhlouf, F. Panaite *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501
972. X. Wang, D.-G. Wang, Characterization of automorphisms of (θ, ω) -twisted Radford's Hom-biproduct, **Mathematics** **10** (2022), art. nr. 407
Citează: A. Makhlouf, F. Panaite *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501
973. V. Ene, G. Rinaldo, N. Terai, Powers of binomial edge ideals with quadratic gröbner bases, **Nagoya Math. J.** **246** (2022), pag. 233 – 255
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
974. M.R. Malayeri, S.S. Madani, D. Kiani, On the depth of binomial edge ideals of graphs, **J. Alg. Combinatorics** **55** (2022), pag. 827 – 846
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
975. A.V. Jayanthan, R. Sarkar, Bound for the Regularity of Binomial Edge Ideals of Cactus Graphs, **Alg. Coll.** **29** (2022), pag. 443 – 452
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
976. D. Kiani, S.S. Madani, S. Tafazolian, Hankel Edge Ideals of Trees and (Semi-)Hamiltonian Graphs, **Bull. Malaysian Math. Sci. Soc.** **45** (2022), pag. 2493 – 2507
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
977. T. Kahle, J. Krüsemann, Binomial edge ideals of cographs, **Rev. Union Mat. Argentina** **63** (2022), pag. 305 – 316
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
978. A. Kumar, Rees algebra and special fiber ring of binomial edge ideals of closed graphs, **Illinois J. Math.** **66** (2022), pag. 79 – 90
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
979. A. Guha, A new bound on odd multicrossing numbers of knots and links, **J. Knot Theory Ramifications** **31** (2022), Paper No. 2250008
Citează: C. Adams, J. Hoste, M. Palmer, *Triple-crossing number and moves on triple-crossing link diagrams*, **J. Knot Theory Ramifications** **28** (2019), Paper No. 1940001
980. O.E. González, Irreducibility of the zero polynomials of Eisenstein series. **Arch. Math.** **119** (2022), pag. 351 – 358
Citează: A.A. Popa, *Rational decomposition of modular forms*, **Ramanujan J.** **26/3** (2011), pag. 419 – 435
981. T. Ishii, T. Miyazaki, Calculus of archimedean Rankin–Selberg integrals with recurrence relations, **Represent. Theory** **26** (2022), pag. 714 – 763
Citează: A.A. Popa *Whittaker newforms for archimedean representations of $GL(2)$* , **J. of Number Theory** **128** (2008), pag. 1637 – 1645

982. M. Hirano, T. Ishii, T. Miyazaki, Archimedean zeta integrals for $GL(3) \times GL(2)$, **Memoirs of the AMS** **278** (2022), 122 pag.
Citează: A.A. Popa *Whittaker newforms for archimedean representations of $GL(2)$* , **J. of Number Theory** **128** (2008), pag. 1637 – 1645
983. S.Y. Choi, C.H. Kim, Explicit construction of mock modular forms from weakly holomorphic Hecke eigenforms, **Open Mathematics** **20** (2022), pag. 313 – 332.
Citează: V. Paşol, A.A. Popa, *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), pag. 713 – 743
984. S. Sugiyama, M. Tsuzuki, Quantitative non-vanishing of central values of certain L-functions on $GL(2) \times GL(3)$, **Mathematische Zeitschrift** **301** (2022), pag. 1447 – 1479
Citează: A.A. Popa, *Central values of Rankin L-series over real quadratic fields*. **Comp. Math.** **142** (2006), pag. 811 – 866
985. C. David, A. Florea și M. Lalin: *The mean values of cubic L-functions over function fields*, **Algebra Number Theory** **16** (2022), pag. 1259–1326,
Citează: A. Diaconu și I. Whitehead, *On the third moment of $L(\frac{1}{2}, \chi_d)$ II: the number field case*, **J. Eur. Math. Soc. (JEMS)** **23** (2021), pag. 2051–2070.
986. C. David, A. Florea și M. Lalin: *The mean values of cubic L-functions over function fields*, **Algebra Number Theory** **16** (2022), pag. 1259–1326,
Citează: A. Diaconu, *On the third moment of $L(\frac{1}{2}, \chi_d)$ I: The rational function field case*, **J. Number Theory** **198** (2019), pag. 1–42.
987. C. I. Kuan și D. Lesesvre: *Quadratic Twists Of Central Values For $GL(3)$* , **Q. J. Math.** **73** (2022), pag. 991–1034,
Citează: G. Chinta și A. Diaconu: *Determination of a GL_3 cuspform by twists of central L-values*, **IMRN** **48** (2005), pag. 2941–2967.
988. C. David, A. Florea și M. Lalin: *The mean values of cubic L-functions over function fields*, **Algebra Number Theory** **16** (2022), pag. 1259–1326,
Citează: A. Diaconu, *Mean square values of Hecke L-series formed with r-th order characters*, **Invent. Math.** **157** (2004), pag. 635–684.
989. Nozaki, Yuta; Sato, Misatoshi; Suzuki, Masaaki, On the kernel of the surger map restricted to the 1-loop part, **J. Topol.** **15** (2022), pag. 587 – 619
Citează: Cheptea, Dorin; Habiro, Kazuo; Massuyeau, Gwenael, *A functorial LMO invariant for Lagrangian cobordisms*, **Geom. Topol.** **12** (2008), pag. 1091 – 1170
990. Nozaki, Yuta; Sato, Misatoshi; Suzuki, Masaaki, Abelian quotients of the Y-filtration on the homology cylinders via the LMO functor, **Geom. Topol.** **26** (2022), pag. 221 – 282
Citează: Cheptea, Dorin; Habiro, Kazuo; Massuyeau, Gwenael, *A functorial LMO invariant for Lagrangian cobordisms*, **Geom. Topol.** **12** (2008), pag. 1091 – 1170
991. P. Gao și L. Zhao: *First moments of some Hecke L-functions of prime moduli*, **Funct. Approx. Comment. Math.** **66** (2022), pag. 161–178,
Citează: A. Diaconu, *Mean square values of Hecke L-series formed with r-th order characters*, **Invent. Math.** **157** (2004), pag. 635–684.
992. G. Djanković și D. Dokić: *The sixth power moment of Dirichlet L-functions over rational function fields*, **J. Math. Anal. Appl.** **514** (2022), Paper No. 126296, 42,
Citează: A. Diaconu, D. Goldfeld și J. Hoffstein, *Multiple Dirichlet series and moments of zeta and L-functions*, **Compos. Math.** **139** (2003), pag. 297–360.

993. E. H. Lee și R. Takloo-Bighash: *On a multiple Dirichlet series associated to binary cubic forms*, **J. Number Theory** **238** (2022), pag. 535–556,
*Citează: A. Diaconu, D. Goldfeld și J. Hoffstein, Multiple Dirichlet series and moments of zeta and L-functions, Compos. Math. **139** (2003), pag. 297–360.*
994. C. McPhail-Snyder, Holonomy invariants of links and nonabelian Reidemeister torsion, **Quantum Topol.** **13** (2022), no. 1, pag. 55 — 135
*Citează: Cristina Ana-Maria Anghel A topological model for the coloured Jones polynomials, Selecta Mathematica New Series **28**, 63 (2022) (50 pagini)*
995. C. I. Kuan și D. Lesesvre: *Quadratic Twists Of Central Values For $GL(3)$* , **Q. J. Math.** **73** (2022), pag. 991–1034,
*Citează: A. Diaconu, D. Goldfeld și J. Hoffstein, Multiple Dirichlet series and moments of zeta and L-functions, Compos. Math. **139** (2003), pag. 297–360.*
996. C. Lutsko, Farey sequences for thin groups, **International Mathematics Research Notices, Volume 2022, Issue 15** (2022), pag. 11642–11689.
*Citează: F. P. Boca, C. Cobeli, A. Zaharescu, A conjecture of R. R. Hall on Farey points, J. Reine Angew. Math. **535** (2001), pag. 207–236.*
997. E. Alkan, A generalization of the Hardy-Littlewood conjecture, **Integers** **22** (2022), Paper A53, 21 p.
*Citează: C. Cobeli, L. Panaitopol, M. Văjăitu, A. Zaharescu, Some asymptotic formulas involving primes in arithmetic progressions, Comment. Math. Univ. St. Pauli **53** (2004), pag. 23–35.*
998. Guanqin Feng, Sui Lin, The Approximate Shortest Path Algorithm for Complex Networks Based on EIN Overlay Network, **Computer Science and Application** **12(4)** (2022), pag. 806–816.
*Citează: C. Cobeli, A. Zaharescu, The Haros-Farey Sequence at two hundred years. A survey, Acta Universitatis Apulensis. Mathematics. Informatics **5** (2003), pag. 1–38.*
999. M. Jianu, L. Dăuș, M. Nagy, R.-M. Beiu, Approximating the Level Curves on Pascal’s Surface, **International Journal of Computers Communications & Control** **17, Issue 4** (2022), Article Number: 4865 pag. 1–15.
*Citează: C. Cobeli, A. Zaharescu, Promenade around Pascal triangle - number motives, Bull Math Soc Sci Math. Roumanie **104 (1)** (2013), pag. 73–98.*
1000. Valeriu Beiu, Leonard Dăuș, Marilena Jianu, Adela Mihai, Ion Mihai, On a Surface Associated with Pascal’s Triangle, **Symmetry** **14, no. 2** (2022), pag. 1–12.
*Citează: C. Cobeli, A. Zaharescu, Promenade around Pascal triangle - number motives, Bull Math Soc Sci Math. Roumanie **104 (1)** (2013), pag. 73–98.*
1001. Igoris Belovas, Central and local limit theorems for the weighted Delannoy numbers, **An. Șt. Univ. Ovidius Constanța Vol. 30(2)** (2022), pag. 25–44.
*Citează: C. Cobeli, A. Zaharescu, Promenade around Pascal triangle - number motives, Bull Math Soc Sci Math. Roumanie **104 (1)** (2013), pag. 73–98.*
1002. R. Tomás, Partial Franel sums, **J. Integer Seq.** **25, No. 1** (2022), Article 22.1.5, 13 p.
*Citează: C. Cobeli, M. Văjăitu, A. Zaharescu, On the intervals of a third between Farey fractions, Bull. Math. Soc. Sci. Math. Roumanie **53** (2010), pag. 239–250.*
1003. Florin P. Boca, Maria Siskaki, A note on the pair correlation of Farey fractions, **Acta Arith.** **205, No. 2** (2022), pag. 121–135.

- Citează:* Augustin, V., F. P. Boca, C. Cobeli, A. Zaharescu, *The h -spacing distribution between Farey points*, **Math. Proc. Cambridge Philos. Soc.** **131**, no. 1 (2001), pag. 23–38.
1004. Carlo Sanna, A survey on coefficients of cyclotomic polynomials, **Expo. Math.** **40**, No. 3 (2022), pag. 469–494.
Citează: C. Cobeli, Y. Gallot, P. Moree, A. Zaharescu, *Sister Beiter and Kloosterman: a tale of cyclotomic coefficients and modular inverses*, **Indag. Math. (N.S.)**, **24**, 4 (2013), pag. 915–929.
1005. Moubariz Z. Garaev, Victor C. García, On the number of representations by $n!$ modulo a prime and applications, **Monatsh. Math.** **198**, No. 3 (2022), pag. 535–545.
Citează: C. Cobeli, M. Vâjăitu, A. Zaharescu, *The sequence $n! \pmod{p}$* , **J. Ramanujan Math. Soc.** **15** (2) (2000), pag. 135–154.
1006. E. Bedford, R. Dujardin, Topological and geometric hyperbolicity criteria for polynomial automorphisms of \mathbb{C}^2 , **Ergodic Theory Dynam. Systems**, **42** (2022), pag. 2151–2171
Citează: R. Radu, R. Tănase *A structure theorem for semi-parabolic Hénon maps*, **Adv. Math.** **350** (2019), pag. 1000–1058
1007. E. Bedford, R. Dujardin, Topological and geometric hyperbolicity criteria for polynomial automorphisms of \mathbb{C}^2 , **Ergodic Theory Dynam. Systems**, **42** (2022), pag. 2151–2171
Citează: M. Lyubich, R. Radu, R. Tanase, *Hedgehogs in higher dimensions and their applications*, **Astérisque** **416** (2020), pag. 213–251
1008. E. Bedford, R. Dujardin, Topological and geometric hyperbolicity criteria for polynomial automorphisms of \mathbb{C}^2 , **Ergodic Theory Dynam. Systems**, **42** (2022), pag. 2151–2171
Citează: T. Firsova, M. Lyubich, R. Radu, R. Tănase, *Hedgehogs for neutral dissipative germs of holomorphic diffeomorphisms of $(\mathbb{C}^2, 0)$* , **Astérisque** **416** (2020), pag. 193–211
1009. M. Yampolsky, D. Gaidashev, Golden mean Siegel disk universality and renormalization, **Moscow Math. J.** **22** (2022), pag. 451–491
Citează: D. Gaidashev, R. Radu, M. Yampolsky, *Renormalization and Siegel disks for complex Hénon maps*, **J. Eur. Math. Soc.** **23** (2021), pag. 1053–1073
1010. E. Bedford, R. Dujardin, Topological and geometric hyperbolicity criteria for polynomial automorphisms of \mathbb{C}^2 , **Ergodic Theory Dynam. Systems**, **42** (2022), pag. 2151–2171
Citează: R. Radu, R. Tănase *A structure theorem for semi-parabolic Hénon maps*, **Adv. Math.** **350** (2019), pag. 1000–1058
1011. S. Sedziwy, Boundary value problems for second order differential equations with φ -Laplacians, **Arch. Math.** **118** (2022), pag. 101 – 111.
Citează: C. Bereanu, J. Mawhin, *Multiple periodic solutions of ordinary differential equations with bounded nonlinearities and ϕ -Laplacian*, **Nonlinear Differential Equations Appl. NoDEA** **15** (2008), pag. 159 – 168.
1012. S. Sedziwy, Boundary value problems for second order differential equations with φ -Laplacians, **Arch. Math.** **118** (2022), pag. 101 – 111.
Citează: C. Bereanu, J. Mawhin, *Existence and multiplicity results for some nonlinear problems with singular ϕ -Laplacian*, **J. Differential Equations** **243** (2007), pag. 536 – 555.
1013. S. Sedziwy, Boundary value problems for second order differential equations with φ -Laplacians, **Arch. Math.** **118** (2022), pag. 101 – 111.
Citează: C. Bereanu, J. Mawhin, *Nonhomogeneous boundary value problems for some nonlinear equations with singular ϕ -Laplacian*, **J. Math. Anal. Appl.** **352** (2009), pag. 218 – 233.

1014. S. Sedziwy, Boundary value problems for second order differential equations with φ -Laplacians, **Arch. Math.** **118** (2022), pag. 101 – 111.
Citează: C. Bereanu, J. Mawhin, *Boundary value problems for some nonlinear systems with singular ϕ -Laplacian*, **J. Fixed Point Theory Appl.** **4** (2008), pag. 57 – 75.
1015. T. Carletti, G. Villari, F. Zanolin, Existence of harmonic solutions for some generalisations of the non-autonomous Lienard equations, **Monatsh. Math.** **199** (2022), pag. 243 – 257.
Citează: C. Bereanu, J. Mawhin, *Existence and multiplicity results for some nonlinear problems with singular ϕ -Laplacian*, **J. Differential Equations** **243** (2007), pag. 536 – 555.
1016. G. Dai, Some results on surfaces with different mean curvatures in \mathbb{R}^{N+1} and \mathbb{L}^{N+1} , **Ann. Mat. Pura Appl.** **201** (2022), pag. 335 – 357.
Citează: C. Bereanu, P. Jebelean, P.J. Torres, *Positive radial solutions for Dirichlet problems with mean curvature operators in Minkowski space*, **J. Funct. Anal.** **264** (2013), pag. 270 – 287.
1017. G. Dai, Some results on surfaces with different mean curvatures in \mathbb{R}^{N+1} and \mathbb{L}^{N+1} , **Ann. Mat. Pura Appl.** **201** (2022), pag. 335 – 357.
Citează: C. Bereanu, P. Jebelean, P.J. Torres, *Multiple positive radial solutions for a Dirichlet problem involving the mean curvature operator in Minkowski space*, **J. Funct. Anal.** **265** (2013), pag. 644 – 659.
1018. G. Dai, Some results on surfaces with different mean curvatures in \mathbb{R}^{N+1} and \mathbb{L}^{N+1} , **Ann. Mat. Pura Appl.** **201** (2022), pag. 335 – 357.
Citează: C. Bereanu, P. Jebelean, J. Mawhin, *The Dirichlet problem with mean curvature operator in Minkowski space: a variational approach*, **Adv. Nonlinear St.** **14** (2014), pag. 315 – 326.
1019. A Kumar; D Masic; PS Stanimirovic; G Singh; LA Kazakovtsev, Commuting Outer Inverse-Based Solutions to the Yang–Baxter-like Matrix Equation. **Mathematics** **10**, **2738** (2022)
Citează: Nichita, F. *Nonlinear Equations, Quantum Groups and Duality Theorems: A Primer on the Yang–Baxter Equation*, **VDM: Saarbrücken**, Germany (2009).
1020. RR Andrusziewicz; A Smoktunowicz, The Yang–Baxter Matrix Equation for Involutions **Miskolc Math. Notes**, **23** (2022), pp. 61–70
Citează: Nichita, F. *Yang–Baxter equations, computational methods and applications*, **Axioms**, **4**, pp. 423–435 (2015).
1021. I Senturk; EN Bozdan, Geometrical approach on set theoretical solutions of Yang–Baxter equation in Lie algebras, **Malaya J. Mat.** **10** (2022), 237–256
Citează: F. Nichita, D. Parashar, *Spectral–parameter dependent Yang–Baxter operators and Yang–Baxter systems from algebra structures*, **Comm. Algebra**, **34** (2006), 2713–2726.
1022. I Senturk; EN Bozdan, Geometrical approach on set theoretical solutions of Yang–Baxter equation in Lie algebras, **Malaya J. Mat.** **10** (2022), 237–256
Citează: FF Nichita, *Yang–Baxter Equations, Computational Methods and Applications*, **Axioms**, **4** (2015), 423–435.
1023. I Senturk; EN Bozdan, Geometrical approach on set theoretical solutions of Yang–Baxter equation in Lie algebras, **Malaya J. Matematik** **10** (2022), 237–256
Citează: BR Berceanu; FF Nichita; C. Popescu, *Algebra Structures Arising from Yang–Baxter Systems*, **Comm. Algebra**, **41** (2013), 4442–4452.

1024. I Senturk; EN Bozdan, Geometrical approach on set theoretical solutions of Yang–Baxter equation in Lie algebras, **Malaya J. Mat.** **10** (2022), 237–256
Citează: G. Massuyeau; F. Nichita, *Yang–Baxter operators arising from algebra structures and the Alexander polynomial of knots*, **Comm. Algebra**, **33** (2005), 2375–2385.
1025. A Kumar; JR Cardoso; G Singh, Explicit Solutions of the Singular Yang–Baxter–like Matrix Equation and Their Numerical Computation **Mediterr. J. Math.**, **19** (2022) Article number: 85
Citează: F. Nichita, *Nonlinear Equations, Quantum Groups and Duality Theorems: A primer on the Yang–Baxter Equation*, **VDM Verlag, Saarbrücken** (2009).
1026. SV Ludkowski, Splitting Extensions of Nonassociative Algebras and Modules with Metagroup Relations, **Axioms**, **March** (2022)
Citează: F. Nichita, *Unification Theories: New Results and Examples*, **Axioms**, **8** (2019).
1027. CS Calude; G Paun (Eds.), In Memoriam, Solomon Marcus **Axioms** (2022), ISBN 978-3-0365-3476-3
Citează: S. Marcus, F. Nichita, *On Transcendental Numbers: New Results and a Little History*, **Axioms** **7** (2018)
1028. MN Khan; M Ahmed; M Arshad; W Almutiry; R Bantan; M Elgarhy, Double Weak Hopf Quiver and Its Path Coalgebra, **J. Funct. Spaces**, **2022** (2022), Article ID 5421294, 9 pages
Citează: FF Nichita, *Introduction to the Yang–Baxter equation with open problems*, **Axioms** **1** (2012).
1029. M Lafond, Graph Algorithms and Graph Theory–Symmetry Special Issue, **Symmetry**, **14**, **1748** (2022)
Citează: FF Nichita, *On the Johnson–Tzitzeica Theorem, Graph Theory, and Yang–Baxter Equations* **Symmetry** (2021), 13, 2070.
1030. F. Lo Bianco, J.V. Pereira, E. Rousseau, F. Touzet, Rational endomorphisms of codimension one holomorphic foliations, **J. Reine Angew. Math.** **789** (2022), 43–101.
Citează: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
1031. G. Cousin, Gaël, A. Lins Neto, J.V. Pereira, Toward effective Liouvillian integration, **Ann. Sci. Éc. Norm. Supér.** (4) **55** (2022), 185–223.
Citează: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
1032. R. Blasco-García, J. Cogolludo, C. Martínez-Perez, Homology of even Artin kernels, **Algebr. Geom. Topol.** **22** (2022), 349–372.
Citează: E. Artal Bartolo, J. Cogolludo, D. Matei, *Quasi-projectivity, Artin–Tits groups, and pencil maps*, **Contemp. Math.** **538**, pag. 113–136, Amer. Math. Soc., Providence, RI, 2011.
1033. A. I. Suciú, Cohomology jump loci of 3-manifolds, **Manuscripta Math.** 1–2 (2022), pag. 89–123.
Citează: D. Matei, A. I. Suciú, *Cohomology rings and nilpotent quotients of real and complex arrangements*, **Adv. Stud. Pure Math.**, **27**, pag. 185–215, Tokyo, 2000.
1034. A. I. Suciú, Cohomology jump loci of 3-manifolds, **Manuscripta Math.** 1–2 (2022), pag. 89–123.
Citează: D. Matei, A. I. Suciú, *Hall invariants, homology of subgroups, and characteristic varieties*, **Int. Math. Res. Not. IMRN** (2002), pag. 465–503.

1035. A. Basmajian, R. Valli, Combinatorial growth in the modular group, **Groups Geom. Dyn.** **16** (2022), pag. 683 – 703
Citează: F. P. Boca, V. Paşol, A. Popa, A. Zaharescu *Pair correlation of angles between reciprocal geodesics on the modular surface*, **Algebra Number Theory** **8** (2014), pag. 999 – 1035
1036. I. Cho, P. Jorgensen, An Index for Graphs and Graph Groupoids, **Axioms** **11** (2022), pag. 1 – 22
Citează: F. Rădulescu, *Random matrices, amalgamated free products and subfactors of the von Neumann algebra of a free group, of noninteger index*, **Invent. Math.**, **115** (1994), pag. 347 – 389
1037. S. Popa, S. Vaes W -Rigidity Paradigms for Embeddings of Factors, **Comm. Math. Phys.** **395**(2022), pag. 907 – 961
Citează: F. Rădulescu, *Random matrices, amalgamated free products and subfactors of the von Neumann algebra of a free group, of noninteger index*, **Invent. Math.**, **115** (1994), pag. 347 – 389
1038. I. Cho , Group Dynamical Systems on C^* -Algebras Generated by Countable Infinitely Many Semicircular Elements, **Methods of Mathematical Modelling and Computation for Complex Systems**, **Springer** (2022), pag. 159 – 205
Citează: F. Rădulescu, *Random matrices, amalgamated free products and subfactors of the von Neumann algebra of a free group, of noninteger index*, **Invent. Math.**, **115** (1994), pag. 347 – 389