

Raport de Activitate - 2021 - anexă citări

1 Citări apărute în 2020 și neconținute în Raportul pe 2020

1. A. Arvanitoyeorgos, Y. Sakane, M. Statha, Invariant Einstein metrics on $SU(n)$ and complex Stiefel manifolds, **Tohoku Math. J.** **72** (2020), pag. 161 – 210.
Citează: F. Belgun, V. Cortés, A. Haupt, D. Lindemann *Left-invariant Einstein metrics on $S^3 \times S^3$* , **J. Geom. Phys.** **128** (2018), pag. 128 – 139.
2. A. Jaikin-Zapirain, An explicit construction of the universal division ring of fractions of $E\langle\langle x_1, \dots, x_d \rangle\rangle$, **J. Comb. Algebra** **4** (2020), pag. 369 – 395
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
3. J. Grant, O. Iyama, Higher preprojective algebras, Koszul algebras, and superpotentials, **Compos. Math.** **156** (2020), pag. 2588 – 2627
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
4. J. Grant, O. Iyama, Higher preprojective algebras, Koszul algebras, and superpotentials, **Compos. Math.** **156** (2020), pag. 2588 – 2627
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
5. X. Wu, Graded w -Noetherian modules over graded rings, **Bull. Korean Math. Soc.** **57** (2020), pag. 1319 – 1334
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
6. Ş. Papadima, A. Suciu, *Rank two topological and infinitesimal embedded jump loci of quasi-projective manifolds* **J. Inst. Math. Jussieu** **19** (2020), no. 2, 451–485.
Citează: D. Măcinic, Ş. Papadima, C. R. Popescu, A. Suciu *Flat connections and resonance varieties: From rank one to higher ranks*, **Trans. Amer. Math. Soc.** **369**, 2 (2017), pag. 1309 – 1343.
7. J. Wang, X. Zhao, *On generalized configuration space and its homotopy groups* **J. Knot Th. Ramif.** **29** (2020), 2043001, 20 pp.
Citează: B. Berceanu, D. Măcinic, Ş. Papadima, C. R. Popescu, *On the geometry and topology of partial configuration spaces of Riemann surfaces*, **Alg. & Geom. Topology**, **17**, (2017), pag. 1163 – 1188

8. X. Wu, Graded w -Noetherian modules over graded rings, **Bull. Korean Math. Soc.** **57** (2020), pag. 1319 – 1334
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
9. J. Àlvarez-Montaner, A.F. Boix, S. Zarzuela, On some local cohomology spectral sequences, **Int. Math. Res. Not. IMRN** **2020** (2020), pag. 6197 – 6293
Citează: C. Năstăsescu, *Some constructions over graded rings: applications*, **J. Algebra** **120** (1989), pag. 119 – 138
10. M. Longo, K. Martin, Y. Hu, Rationality of Darmon points over genus fields of non-maximal orders, **Ann. Math. Québec** **44**(2020), pag. 173–195
Citeaza: A.A. Popa, *Central values of Rankin L-series over real quadratic fields*. **Comp. Math.** **142** (2006), pag. 811 – 866
11. M. Aka, Continued fractions of arithmetic sequences of quadratics, **Expo. Math.** **38** (2020), pag. 397–406
Citeaza: A.A. Popa, *Central values of Rankin L-series over real quadratic fields*. **Comp. Math.** **142** (2006), pag. 811 – 866
12. Nikolski, N., *Toeplitz Matrices and Operator*, Cambridge Studies in Advanced Mathematics **182** , Cambridge University Press 2020.
Citează: Gr. Arsene, A. Gheondea: Completing matrix contractions, **J. Operator Theory** **7** (1982), pag. 179–189.
13. Meziane, M, Benali, A, Conditions implying normality and hypo-normality of operators in Hilbert space, **J. Science and Arts** **4** (2020), pp. 947–956.
Citează: A. Gheondea: When are the products of normal operators normal?, **Bull. Math. Soc. Roum. Math.** **52** (2009), 129–150.
14. K. Christensen, H. Kulosman, Polarization of neural codes, **Turkish J. Math.** **44** (2020), pag. 1 – 18
Citează: M. Cimpoeaş *Polarization and spreading of monomial ideals*, **Comm. Algebra** **47** (2019), pag. 5492–5508
15. U. Darji, M. Elekes, K. Kalina, V. Kiss, Z. Vidnyánszky, The structure of random homeomorphisms, **Israel J. Math.**, **237** (2020), pag. 75 – 113
Citează: G. Crăciun, P. Horja, M. Prunescu, T. Zamfirescu, *Most homeomorphisms of the circle are semiperiodic*, **Arch. Math.** **64** (1995), pag. 452 – 458
16. H. Hamm, Connectedness of Milnor bres and Stein factorization of compactifiable holomorphic functions, **Pure Appl. Math. Q.** **16** (2020), pag. 1083 – 1098
Citează: C. Joiţa, M. Tibăr: *Bifurcation set of multi-parameter families of complex curves*, **J. Topol.** **11** (2018), pag. 739–751.
17. I. A. Panin, A short proof of a theorem due to O. Gabber, **J. Math. Sci., New York** **249**, (2020), pag. 85-88
Citează: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104** (1986), pag. 85 – 115.

18. B. Cahen, The complex Weyl calculus as a Stratonovich-Weyl correspondence for the real diamond group, **Tsukuba J. Math.** **44** (2020), pag. 121–137
Citează: I. Beltiță, D. Beltiță, *Modulation spaces of symbols for representations of nilpotent Lie groups*, **J. Fourier Anal. Appl.** **17** (2011), pag. 290–310.
19. R. Rao, S. Jose, Two approaches to the Bass-Suslin conjecture, in "Leavitt path algebras and classical K-theory", Eds. A. A. Ambily, **Indian Stat. Inst. Ser.**, Singapore: Springer, (2020), 203–209
Citează: D. Popescu, *General Neron desingularization*, **Nagoya Math. J.**, **100**, (1985), 97–126.
20. A. Koutsoumpelias, M. Wageringel, Moment ideals of local Dirac mixtures, **SIAM J. Appl. Algebra Geom.** **4** (2020), 1–27.
Citeaza: L. Oeding, C. Raicu *Tangential varieties of Segre–Veronese varieties*, **Collect. Math.** **65** (2014) pag. 303–330.
21. A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Alg. Number Th.** **14** (2020) pag. 2533–2569. *Citeaza:* C. Raicu, J. Weyman, *Local cohomology with support in generic determinantal ideals*, **Alg. Number Th.** **8**, (2014) pag. 1231–1257.
22. A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Algebra & Number Theory** **14**, (2020) pag. 2533–2569. *Citeaza:* C. Raicu *Regularity and cohomology of determinantal thickenings*, **Proc. Lond. Math. Soc.** **116** (2018), pag. 248–280.
23. A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Algebra & Number Theory** **14**, no. 9, 2533–2569, 2020. *Citeaza:* C. Raicu, *Characters of equivariant \mathcal{D} -modules on spaces of matrices*, **Compos. Math.** **152**, no. 9, 1935–1965, 2016.
24. M. Fang, K. Lim, K. Tan, *Jantzen filtration of Weyl modules, product of Young symmetrizers and denominator of Young's seminormal basis*. **Represent. Theory** **24** (2020), 551–579.
Citeaza: C. Raicu, *Products of Young symmetrizers and ideals in the generic tensor algebra*. **J. Algebraic Combin.** **39**, no. 2, 247–270, 2014.
25. A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Alg. Number Th.** **14**, (2020) pag. 2533–2569.
Citeaza: C. Raicu, J. Weyman, *Local cohomology with support in ideals of symmetric minors and Pfaffians*, —bf **J. Lond. Math. Soc.** **94**, (2016), pag. 709–725.
26. A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Alg. Number Th.** **14**, (2020), pag. 2533–2569
Citeaza: C. Raicu, J. Weyman, *The syzygies of some thickenings of determinantal varieties*. **Proc. Amer. Math. Soc.** **145** (2017), 49–59.
27. B. Wang, *Lyubeznik numbers of irreducible projective varieties depend on the embedding*. **Proc. Amer. Math. Soc.** **148** (2020), pag. 2091–2096.
Citeaza: A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Alg. Number Th.** **14** (2020), pag. 2533–2569.

28. M. Perlman, *Equivariant \mathcal{D} -modules on $2 \times 2 \times 2$ hypermatrices*. **J. Algebra.** **544**, 391–416, 2020.
Citeaza: A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Algebra & Number Theory** **14**, 2533–2569, 2020.
29. A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Alg. Number Th.** **14**, 2533–2569, 2020.
Citeaza: A. Lőrincz, C. Raicu, J. Weyman, *Equivariant \mathcal{D} -modules on binary cubic forms*, **Comm. Algebra** **47**, 2457–2487, 2019.
30. M. Kemeny, *Projecting syzygies of curves*. **Algebr. Geom.** **7** (2020), no. 5, 561–580.
Citeaza: M. Aprodu, G. Farkas, S. Papadima, C. Raicu, J. Weyman, *Koszul modules and Green's conjecture*, **Invent. Math.** **218**, 657–720, 2019.
31. A. Lőrincz, C. Raicu, *Iterated local cohomology groups and Lyubeznik numbers for determinantal rings*, **Alg. Number Th.** **14**, 2533–2569, 2020.
Citeaza: C. Raicu, *Homological invariants of determinantal thickenings*, **Bull. Math. Soc. Sci. Math. Roumanie (N.S.)** **60**, 425–446, 2017.
32. J. Streets, Pluriclosed Flow and the Geometrization of Complex Surfaces, In: **Progress in Mathematics** **333**, Geometric Analysis in Honor of Gang Tian's 60th Birthday, (2020), pag. 471 – 510
Citează: V. Brinzaescu *Neron-Severi group for nonalgebraic elliptic surfaces II, Non-Kaehlerian case*, **Manuscripta Math.** **84** (1994), pag. 415 – 420
33. N. Gan, X. Zhou, The structure of vector bundles on non-primary Hopf manifolds, **Chin. Ann. Math., Series B**, **41** (2020), pag. 929 – 938
Citează: V. Brinzaescu *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lect. Notes in Math.** **1624** (1996), Springer
34. V. Apostolov, D. Calderbank, P. Gauduchon, E. Legendre, Levi-Kähler reduction of CR structures, products of spheres, and toric geometry, **Math Res. Lett.** **27** (2020), pag. 1565 – 1629
Citează: L. David *Weyl connections and curvature properties of CR manifolds*, **Ann. Global Anal. Geom.** **26** (2004), pag. 59 – 72
35. D. Cohen, M. J. Falk, R. Randell, Discriminantal bundles, arrangement groups, and sub-direct products of free groups, **Eur. J. Math.** **6** (2020), pag. 751–789.
Citeaza: E. Artal-Bartolo, D. Matei, J.I.Cogolludo-Agustin, *Arrangements of hypersurfaces and Bestvina-Brady groups*, **Groups Geom. Dyn.**, **9** (2015), 103–131.
36. A. I. Suciu, Cohomology jump loci of 3-manifolds, **Manuscripta Math.** (2020).
Citeaza: D. Matei, A. I. Suciu, *Cohomology rings and nilpotent quotients of real and complex arrangements*, **Adv. Stud. Pure Math.**, **27**, pag. 185–215, Tokyo, 2000.
37. A. I. Suciu, Cohomology jump loci of 3-manifolds, **Manuscripta Math.** (2020).
Citeaza: D. Matei, A. I. Suciu, *Hall invariants, homology of subgroups, and characteristic varieties*, **Int. Math. Res. Not.** (2002), pag. 465–503.

38. D. Angella, M. Parton, V. Vuletescu, Rigidity of Oeljeklaus-Toma manifolds, **Ann. Inst. Fourier** **70** (2020), pag. 2409–2423
Citează: A. Otiman, M. Toma, *Hodge decomposition for Cousin groups and Oeljeklaus-Toma manifolds*, **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) **XXII** (2021), pag. 485-503
39. L. Maxim, Notes on vanishing cycles and applications, **J. Aust. Math. Soc.** **109** (2020), 371 – 415
Citeaza: L. Maxim, J. Rodriguez, B. Wang, *Defect of Euclidean distance degree*, **Adv. in Appl. Math.** **121** (2020), 102101, 22 pp.
40. P. Donato, R. Fulgencio, Some properties of an elliptic periodic problem with an interfacial resistance, **J. Appl. Math. Mech. (ZAMM)**, **100** (2020), pag. –
Citeaza: H.I. Ene , D. Poliševki *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53** (2002), pag. 1052–1059
41. L. Maxim, Notes on vanishing cycles and applications, **J. Aust. Math. Soc.** **109** (2020), 371 – 415
Citeaza: 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.
42. L. Maxim, Notes on vanishing cycles and applications, **J. Aust. Math. Soc.** **109** (2020), 371 – 415
Citeaza: L. Maxim, J. Rodriguez, B. Wang, *Euclidean distance degree of the multiview variety*, **SIAM J. Appl. Algebra Geom.** **4** (2020), pag. 28 – 48.
43. L. Maxim, Notes on vanishing cycles and applications, **J. Aust. Math. Soc.** **109** (2020), 371 – 415
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Spectral Hirzebruch-Milnor classes of singular hypersurfaces*, **Math. Ann.** **377** (2020), pag. 281 – 315.
44. 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
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Spectral Hirzebruch-Milnor classes of singular hypersurfaces*, **Math. Ann.** **377** (2020), pag. 281 – 315.
45. A. Dimca, G. Sticlaru, Computing Milnor fiber monodromy for some projective hypersurfaces, **Contemp. Math.**, **742** (2020), pag. 31 – 52
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Spectral Hirzebruch-Milnor classes of singular hypersurfaces*, **Math. Ann.** **377** (2020), pag. 281 – 315.
46. L. Maxim, J. Rodriguez, B. Wang, Botong, Euclidean distance degree of the multiview variety, **SIAM J. Appl. Algebra Geom.** **4** (2020), 28 – 48
Citeaza: L. Maxim, *Intersection homology & perverse sheaves. with applications to singularities*, **Graduate Texts in Mathematics**, **281** (2019), Springer, Cham.
47. M. Banagl, Gysin restriction of topological and Hodge-theoretic characteristic classes for singular spaces, **New York J. Math.** **26** (2020), 1273 – 1337

Citeaza: L. Maxim, J. Schürmann, *Characteristic classes of mixed Hodge modules and applications, Schubert varieties, equivariant cohomology and characteristic classes* – **IMPANGA 15**, EMS Ser. Congr. Rep., Eur. Math. Soc., Zürich (2018), pag. 159 – 202

48. K. DeSplinter, S.L. Devadoss, J. Readyhough, B. Wimberly, Unfolding Cubes: Nets, Packings, Partitions, Chords, **Electron. J. Combin.** **27** (2020), Article Number P4.41
Citeaza: J. Itoh, J. O'Rourke, C. Vîlcu *Star unfolding convex polyhedra via quasigeodesic loops*, **Discrete Comput. Geom.** **44** (2010), pag. 35 – 54
49. K. Matsubara, C. Nara, Continuous Flattening of Multi-layered Pyramids with Rigid Radial Edges, **J. Inf. Proc.** **28** (2020), 834 – 840
Citeaza: J. Itoh, C. Nara, C. Vîlcu, *Continuous flattening of convex polyhedra*, în A. Márquez et al. (Eds.), *Comput. Geom.*, Springer LNCS **7579** (2012), pag. 85 – 97
50. J. Itoh, C. Vîlcu, L. Yuan, T. Zamfirescu, Locating diametral points, **Results Math.** **75** (2020), Article number: 68
Citeaza: J. Itoh, C. Vîlcu *Criteria for farthest points on convex surfaces*, **Math. Nachr.** **282** (2009), pag. 1537 – 1547
51. B. Liu, X. Wang, Linear Quadratic Nash Differential Games of Stochastic Singular Systems with Markovian Jumps, **Acta Math. Vietnam.**, **45**, (2020), pag. 651 – 660
Citează: V. Drăgan, T. Morozan, A. M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, Springer (2006), pag. 442.
52. W. Wang, C. Han, X. Wang, Optimal Estimation for Continuous-Time Stochastic systems with Delayed measurements and Multiplicative noise **IEEE 16th International Conference on Control and Automation, Singapore**, (2020), Accession Number: 20237125
Citează: V. Dragan, T. Morozan, A. M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, Springer (2006), pag. 442.
53. A.R. Zani, S. Surono, Solving Stochastic Linear Quadratic Games in Discrete Time with Two Players Using Exact Line-Double Newton Method, **International Conference on Decision Aid Sciences and Applications (DASA)**, Bahrein, (2020), Accession Number: 20364387
Citeaza: V. Dragan, T. Morozan, A. M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
54. A.V. Borisov, \mathcal{L}_1 Optimal Filtering of Markov Jump Processes. I. Exact Solution and Numerical Implementation Schemes, **Autom. Remote Control**, **81** (2020), pag. 1945 – 1982
Citeaza: V. Drăgan, T. Morozan, A. M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
55. M.A. Rami, Static Output-feedback Stabilization Of Markovian Jump Systems With Uncertain Probability Rates, **Ann. Acad. Rom. Sci. Ser. Math. Appl.**, **12(1-2)**, (2020), pag. 564 – 580
Citeaza: 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**, **49**, (2004), pag. 665 – 675.
56. G. Yin, Z. Wen, Two-time-scale Regime-switching Stochastic Kolmogorov Systems With Wideband Noises, **Ann. Acad. Rom. Sci. Ser. Math. Appl.** **12**, (2020), pag. 62 – 86
Citeaza: 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.
57. H. Mukaidani, S. Ramasamy, H. Xu, W. Zhuang, Robust Incentive Stackelberg Strategy for Markov Jump Delay Stochastic Systems via Static Output Feedback, **IFAC-Papers OnLine**, **53**(2), (2020), pag. 6709 – 6714
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**, (2020), pag. 701 – 706.
58. H. Ma, Y. Cui, Y. Wang, H_∞ Control of Discrete-Time Stochastic Systems With Borel-Measurable Markov Jumps, **IEEE Access**, **8**, (2020), 49812 – 49822
Citează: V. Drăgan, T. Morozan, *An H_2 -Type Norm of a Discrete-Time Linear Stochastic System with Periodic Coefficients Simultaneously Affected by an Infinite Markov Chain and Multiplicative White Noise Perturbations*, **Stoch. Anal. Appl.** **32**, (2014), pag. 776 – 801.
59. H. Mukaidani, S. Ramasamy, H. Xu, W. Zhuang, Robust Incentive Stackelberg Strategy for Markov Jump Delay Stochastic Systems via Static Output Feedback, **IFAC-Papers OnLine**, **53**(2), (2020), pag. 6709 – 6714
Citează: H. Mukaidani, T. Shima, M. Unno, H. Xu, V. Drăgan, *Team-optimal incentive Stackelberg strategies for Markov jump linear stochastic systems with H_∞ constraint*, **IFAC-PapersOnLine**, **50**(1), (2017), pag. 3780 – 3785.
60. A.V. Borisov, \mathcal{L}_1 Optimal Filtering of Markov Jump Processes. I. Exact Solution and Numerical Implementation Schemes, **Aut. Remote Control** **81**, (2020), pag. 1945 – 1982
Citeaza: V. Drăgan, S. Aberkane, *H_2 optimal filtering for continuous-time periodic linear stochastic systems with state-dependent noise*, **Systems Control Lett.** **66**, (2014), pag. 35 – 42.
61. W. Wang, C. Han, X. Wang, Optimal H_2 filtering for measurement-delay systems with multiplicative noise and sampled data, **IEEE 16th International Conference on Control and Automation (ICCA)**, (2020), pag. 1446 – 1451
Citeaza: V. Drăgan, S. Aberkane, *H_2 optimal filtering for continuous-time periodic linear stochastic systems with state-dependent noise*, **Systems Control Lett.** **66**, (2014), pag. 35 – 42.
62. W. Wang, C. Han, X. Wang, Optimal Estimation for Continuous-Time Stochastic systems with Delayed measurements and Multiplicative noise, **IEEE 16th International Conference on Control and Automation (ICCA)**, (2020), pag. 961 – 966. *Citeaza:*

- V. Drăgan, S. Aberkane, *H_2 optimal filtering for continuous-time periodic linear stochastic systems with state-dependent noise*, **Systems Control Lett.** **66**, (2014), pag. 35 – 42.
63. M.A. Rami, Static Output-feedback Stabilization Of Markovian Jump Systems With Uncertain Probability Rates, **Ann. Acad. Rom. Sci. Ser. Math. Appl.**, **12(1-2)**, (2020), pag. 564 – 580
Citează: V. Drăgan, T. Morozan, *Systems of matrix rational differential equations arising in connection with linear stochastic systems with Markovian jumping*, **J. Diff. Eq.**, **194** (2003) pag. 1 – 38.
64. M.A. Rami, Static Output-feedback Stabilization Of Markovian Jump Systems With Uncertain Probability Rates, **Ann. Acad. Rom. Sci. Ser. Math. Appl.**, **12(1-2)**, (2020), pag. 564 – 580
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.
65. W. Wang, C. Han, X. Wang, Optimal H_2 filtering for measurement-delay systems with multiplicative noise and sampled data, **2020 IEEE 16th International on Control and Automation (ICCA)**, (2020), Accession Number: 20237129
Citeaza: V. Dragan, 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**, (2015), pag. 5985 – 6010.
66. W. Wang, C. Han, X. Wang, Optimal H_2 filtering for measurement-delay systems with multiplicative noise and sampled data, **2020 IEEE 16th International on Control and Automation (ICCA)**, (2020), Accession Number: 20237129
Citează: V. Dragan, A.M. Stoica, *Optimal H_2 filtering for a class of linear stochastic systems with sampling*, **Automatica**, **48**, (2012), pag. 2494 – 2501.
67. P. Gao, L. Zhao, *Mean values of cubic and quartic Dirichlet characters*, **Funct. Approx. Comment. Math.** **63** (2020), pag. 227–245,
Citează: A. Diaconu, *Mean square values of Hecke L -series formed with r -th order characters*, **Invent. Math.** **157** (2004), pag. 635–684.
68. C. Ma, Z. Li, W.Q. Wu, Y. Zhang, Iterative algorithms with the latest update for Riccati matrix equations in Itô Markov jump systems, **Science China Technological Sciences**, **63**, (2020), pag. 1577 – 1584
Citează: V. Dragan, 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.
69. W. Wang, C. Han, X. Wang, Optimal H_2 filtering for measurement-delay systems with multiplicative noise and sampled data, **2020 IEEE 16th International on Control and Automation (ICCA)**, (2020), Accession Number: 20237129
Citează: V. Dragan, S. Aberkane, I.L. Popa, *Optimal filtering for a class of linear Itô stochastic systems: The dichotomic case*, **Automatica**, **90**, (2018), pag. 47 – 53.

70. H. Mukaidani, S. Ramasamy, H. Xu, W. Zhuang, Robust Stackelberg games via static output feedback strategy for uncertain stochastic systems with state delay, **IFAC-PapersOnLine**, **53(2)**, (2020), pag. 7154 – 7159
Citeaza: H. Mukaidani, H. Xu, V. Dragan, *Robust Pareto suboptimal strategy for uncertain Markov jump linear stochastic systems with multiple decision makers*, **2018 Annual American Control Conference (ACC)**, Milwaukee, WI, (2018), pag. 6628 – 6633.
71. A.Borzi, Modelling with Ordinary Differential Equations: A Comprehensive Approach, CRC Press, Chapman and Hall Book, (2020), 382 pages
Citează: T. Damm, V. Dragan, G. Freiling, *Coupled Riccati differential equations arising in connection with Nash differential games*, **IFAC Proceedings Volumes**, **41(2)**, (2008), pag. 3946 – 3951.
72. W. Sun, J. Wang, H. Zhang, X. Hou, The Model of How Languages will Develop, **J. Physics: Conf. Series**, **1670**, **2020 3rd International Conference on Applied Mathematics, Modeling and Simulation, Shanghai, China**, (2020), 012049
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 Fractals**, **137** (2020), 109877.
73. Y. Chai, J. Luo, N. Han, J. Xie, Linear quadratic differential game approach for attitude takeover control of failed spacecraft, **Acta Astronautica**, **175**, (2020), pag. 142 – 154
Citează: V. Dragan, T. Damm, G. Freiling, *Lyapunov iterations for coupled Riccati differential equations arising in connection with Nash differential games*, **Math. Reports**, **9**, (2007), pag. 35 – 46.
74. J. Itoh, C. Vîlcu, L. Yuan, T. Zamfirescu, Locating diametral points, **Res Math.** **75** (2020), Article number: 68
Citeaza: C. Vîlcu *On two conjectures of Steinhaus*, **Geom. Dedicata** **79** (2000), pag. 267 – 275
75. J. Itoh, C. Vîlcu, T. Zamfirescu, With respect to whom are you critical?, **Adv. Math.** **369** (2020), 107187
Citeaza: I. Bárány, J. Itoh, C. Vîlcu, T. Zamfirescu *Every point is critical*, **Adv. Math.** **235** (2013), pag. 390 – 397
76. J. Itoh, C. Vîlcu, T. Zamfirescu, With respect to whom are you critical?, **Adv. Math.** **369** (2020), 107187
Citeaza: C. Vîlcu *Properties of the farthest point mapping on convex surfaces*, **Rev. Roumaine Math. Pures Appl.** **51** (2006), pag. 125 – 134
77. J. Itoh, C. Vîlcu, T. Zamfirescu, With respect to whom are you critical?, **Adv. Math.** **369** (2020), 107187
Citeaza: C. Vilcu *Common maxima of distance functions on orientable Alexandrov surfaces*, **J. Math. Soc. Japan** **60** (2008), pag. 51 – 64
78. J. Itoh, C. Vîlcu, T. Zamfirescu, With respect to whom are you critical?, **Adv. Math.** **369** (2020), 107187
Citeaza: C. Vîlcu, T. Zamfirescu *Multiple farthest points on Alexandrov surfaces*, **Adv. Geometry** **7** (2007), pag. 83 – 100

79. J. Itoh, J. Rouyer, C. Vilcu, Some inequalities for tetrahedra, **Beitr. Algebra Geometrie** **62** (2021), pag. 705 – 715
Citeaza: J. Rouyer, C. Vilcu *Sets of tetrahedra, defined by maxima of distance functions*, **Anal. Științ. Univ. “Ovidius” Constanța** **20** (2012), pag. 197 – 212
80. J. Itoh, J. Rouyer, C. Vilcu, Some inequalities for tetrahedra, **Beiträge zur Algebra und Geometrie** **62** (2021), pag. 705 – 715
Citeaza: C. Vilcu, T. Zamfirescu *Symmetry and the farthest point mapping on convex surfaces*, **Adv. Geometry** **6** (2006), pag. 345 – 353
81. J. Itoh, J. Rouyer, C. Vilcu, Some inequalities for tetrahedra, **Beiträge zur Algebra und Geometrie** **62** (2021), pag. 705 – 715
Citeaza: C. Vilcu, T. Zamfirescu *Multiple farthest points on Alexandrov surfaces*, **Adv. Geometry** **7** (2007), pag. 83 – 100
82. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: J. Itoh, J. Rouyer, C. Vilcu *Moderate smoothness of Alexandrov surfaces*, **Int. J. Math.** **26** (2015), Shoshichi Kobayashi Memorial Volume, Issue 1
83. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: J. Rouyer, C. Vilcu *The connected components of the space of Alexandrov surfaces*, în D. Ibadula and W. Veys (editori), *Bridgind Algebra, Geometry and Topology*, **Springer Proc. in Math. & Stat.** **96** (2014), pag. 249 – 254
84. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: J. Rouyer, C. Vilcu *Simple closed geodesics on most Alexandrov surfaces*, **Adv. Math.** **278** (2015), pag. 103 – 120
85. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: J. Rouyer, C. Vilcu *Farthest points on flat surfaces*, **J. Geom.** **109** (2018), Article number: 44
86. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: C. Vilcu *Properties of the farthest point mapping on convex surfaces*, **Rev. Roumaine Math. Pures Appl.** **51** (2006), pag. 125 – 134
87. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: C. Vilcu *Common maxima of distance functions on orientable Alexandrov surfaces*, **J. Math. Soc. Japan** **60** (2008), pag. 51 - 64
88. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: C. Vilcu, T. Zamfirescu *Symmetry and the farthest point mapping on convex surfaces*, **Adv. Geometry** **6** (2006), pag. 345 – 353

89. J. Rouyer, C. Vilcu, Farthest points on most Alexandrov surfaces, **Adv. Geometry** **20** (2020), pag. 139 – 148
Citeaza: C. Vilcu, T. Zamfirescu *Multiple farthest points on Alexandrov surfaces*, **Adv. Geometry** **7** (2007), pag. 83 – 100
90. D. Bath, Bernstein-Sato varieties and annihilation of powers, **Trans. Amer. Math. Soc.** **373** (2020), pag. 8543 – 8582
Citeaza: Y. Liu, L. Maxim, *Characteristic varieties of hypersurface complements*, **Adv. Math.** **306** (2017), pag. 451 – 493.
91. M. Agustín Vicente, J. Fernández de Bobadilla, Intersection space constructible complexes, **Doc. Math.** **25** (2020), pag. 1653 – 1725
Citează: L. Maxim, *Intersection spaces, perverse sheaves and string theory*, **J. Singul.** **15** (2016), pag. 118 – 125
92. D. Wrazidlo, On the rational homotopy type of intersection spaces, **J. Singul.** **20** (2020), pag. 251 – 273
Citează: L. Maxim, *Intersection spaces, perverse sheaves and string theory*, **J. Singul.** **15** (2016), pag. 118 – 125
93. M. Banagl, Gysin restriction of topological and Hodge-theoretic characteristic classes for singular spaces, **New York J. Math.** **26** (2020), 1273 – 1337
Citeaza: L. Maxim, J. Schürmann, *Characteristic classes of singular toric varieties*, **Comm. Pure Appl. Math.** **68** (2015), pag. 2177 – 2236.
94. M. Agustín Vicente, J. Fernández de Bobadilla, Intersection space constructible complexes, **Doc. Math.** **25** (2020), pag. 1653 – 1725
Citeaza: M. Banagl, N. Budur, L. Maxim, *Intersection spaces, perverse sheaves and type IIB string theory*, **Adv. Theor. Math. Phys.** **18** (2014), pag. 363 – 399.
95. L. Maxim, Notes on vanishing cycles and applications, **J. Aust. Math. Soc.** **109** (2020), 371 – 415
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Hirzebruch-Milnor classes of complete intersections*, **Adv. Math.** **241** (2013), pag. 220 – 245.
96. R. Callejas-Bedregal, M. Morgado, J. Seade, On the Chern classes of singular complete intersections, **J. Topol.** **13** (2020), 159 – 174
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Hirzebruch-Milnor classes of complete intersections*, **Adv. Math.** **241** (2013), pag. 220 – 245.
97. M. Agustín Vicente, J. Fernández de Bobadilla, Intersection space constructible complexes, **Doc. Math.** **25** (2020), pag. 1653 – 1725
Citeaza: M. Banagl, L. Maxim, *Deformation of singularities and the homology of intersection spaces*, **J. Topol. Anal.** **4** (2012), pag. 413 – 448.
98. M. Banagl, Gysin restriction of topological and Hodge-theoretic characteristic classes for singular spaces, **New York J. Math.** **26** (2020), 1273 – 1337
Citeaza: 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.

99. J. Meseguer: Variants in the Infinitary Unification Wonderland. *In: Escobar S., Marti-Oliet N. (eds) Rewriting Logic and Its Applications. WRLA 2020. L. N. C. S. 12328* (2020) pag. 75–95.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
100. D.D. Tran, D.D. Bui, P. Gupta, K. Ogata: Lemma Weakening for State Machine Invariant Proofs. **2020 27th Asia-Pacific Software Engineering Conference (APSEC)** (2020) pag. 21–30.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
101. D. Găină, M. Nakamura, K. Ogata, K. Futatsugi: Stability of termination and sufficient-completeness under pushouts via amalgamation, **Theor. Computer Sc.** 848 (2020) pag. 82–105.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
102. M. Nakamura, S. Higashi, K. Sakakibara, K. Ogata: Formal verification of Fischer's real-time mutual exclusion protocol by the OTS/CafeOBJ method, **2020 59th Annual Conference of the Society of Instrument and Control Engineers of Japan (SICE)** (2020) pag. 1210–1215.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
103. A. Riesco, K. Ogata: CiMPG+F: A Proof Generator and Fixer-Upper for CafeOBJ Specifications, **Theoretical Aspects of Computing – ICTAC 2020 – Lecture Notes in Computer Science 12545** (2020) pag. 64–82.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
104. R. Mokhtari: Validation of UML Class Diagram and OCL pre-and post-conditions using OTS/CafeOBJ proof scores, **2020 4th International Symposium on Informatics and its Applications (ISIA)** (2020), pag.1–4.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
105. D. Găină, M. Nakamura, K. Ogata, K. Futatsugi: Stability of termination and sufficient-completeness under pushouts via amalgamation, **Theoretical Computer Science 848** (2020) pag. 82–105.
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.

106. D. Găină, M. Nakamura, K. Ogata, K. Futatsugi: Stability of termination and sufficient-completeness under pushouts via amalgamation, **Theoretical Computer Science** **848** (2020) pag. 82–105.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
107. M. Agustín Vicente, J. Fernández de Bobadilla, Intersection space constructible complexes, **Doc. Math.** **25** (2020), pag. 1653 – 1725
Citeaza: M. Banagl, L. Maxim, *Intersection spaces and hypersurface singularities*, **J. Singul.** **5** (2012), pag. 48 – 56.
108. M. Banagl, Gysin restriction of topological and Hodge-theoretic characteristic classes for singular spaces, **New York J. Math.** **26** (2020), 1273 – 1337
Citeaza: A. Libgober, L. Maxim, *Hodge polynomials of singular hypersurfaces*, **Michigan Math. J.** **60** (2011), pag. 661 – 673.
109. M. Banagl, Gysin restriction of topological and Hodge-theoretic characteristic classes for singular spaces, **New York J. Math.** **26** (2020), 1273 – 1337
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Symmetric products of mixed Hodge modules*, **J. Math. Pures Appl.** (9) **96** (2011), pag. 462 – 483.
110. M. Banagl, Gysin restriction of topological and Hodge-theoretic characteristic classes for singular spaces, **New York J. Math.** **26** (2020), 1273 – 1337
Citeaza: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, *Characteristic classes of complex hypersurfaces*, **Adv. Math.** **225** (2010), pag. 2616 – 2647.
111. L. Maxim, Notes on vanishing cycles and applications, **J. Aust. Math. Soc.** **109** (2020), 371 – 415
Citeaza: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, *Characteristic classes of complex hypersurfaces*, **Adv. Math.** **225** (2010), pag. 2616 – 2647.
112. M. Banagl, Gysin restriction of topological and Hodge-theoretic characteristic classes for singular spaces, **New York J. Math.** **26** (2020), 1273 – 1337
Citeaza: S. Cappell, L. Maxim, J. Shaneson, *Hodge genera of algebraic varieties. I.*, **Comm. Pure Appl. Math.** **61** (2008), pag. 422 – 449.
113. Zhang, Y., Liu, Y., Zhu, B. and Xue, B., 2020, December. WeChat Forensics Method of Android Smart Phone Based on Improved NBC. In **2020 5th International Conference on Mechanical, Control and Computer Engineering (ICMCCE)** (pp. 810-814). IEEE.
Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Naive bayes with correlation factor for text classification problem*, **2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)** (2019), pag. 1051–1056
114. de Souza, L.F.S. and Gonçalves, A.L., 2020. A Utilização De Classificadores De Texto Na Mineração De Ideias Agregando Critérios De Especialistas. **International Journal of Knowledge Engineering and Management**, 9(23), pp.24-24.
Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Naive bayes with correlation factor for text classification problem*, **2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)** (2019), pag. 1051–1056

115. Jiang, L., Yuan, P., Zhang, Q. and Liu, Q., 2020. A Study of the Naive Bayes Classification Based on the Laplacian Matrix. *IAENG International Journal of Computer Science*, 47(4).
Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Naive bayes with correlation factor for text classification problem*, **2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)** (2019), pag. 1051–1056
116. Ma, S., Zhang, Z., Li, H., Xu, J., Zhang, H., Zhang, S. and Li, S., 2020, August. Design of DBN based Demodulator in Underwater Wireless Optical Communications. In 2020 IEEE/CIC International Conference on Communications in China (ICCC Workshops) (pp. 179-184). IEEE.
Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Naive bayes with correlation factor for text classification problem*, **2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)** (2019), pag. 1051–1056
117. Baudoin, F., Gordina, M. and Mariano, P., 2020, February. Gradient bounds for Kolmogorov type diffusions. *Ann. Inst. H. Poincaré, Prob. Stat.* (56, pp. 612-636).
Citează: Pascu, M.N. and Popescu, *Couplings of Brownian motions of deterministic distance in model spaces of constant curvature*, **J. Theor. Prob.**, **31**, (2018), pag. 2005–2031
118. Baudoin, F., Gordina, M. and Mariano, P., 2020, February. Gradient bounds for Kolmogorov type diffusions. In *Annales de l’Institut Henri Poincaré, Probabilités et Statistiques* (Vol. 56, No. 1, pp. 612-636). Institut Henri Poincaré.
Citează: Pascu, M.N. and Popescu, *Shy and fixed-distance couplings of Brownian motions on manifolds*, **Stoc. Proc. Appl.**, **126** (2016), pag. pp.628–650
119. Bonnefont, M. and Juillet, N., 2020, February. Couplings in L^p distance of two Brownian motions and their Lévy area. *Ann. Inst. H. Poincaré, Prob. Stat.* (56, 543-565).
Citează: Pascu, M.N. and Popescu, *Shy and fixed-distance couplings of Brownian motions on manifolds*, **Stoc. Proc. Appl.**, **126** (2016), pag. pp.628–650
120. Li, S., Li, X.D. and Xie, Y.X., 2020. On the law of large numbers for the empirical measure process of generalized Dyson Brownian motion. *J. Stat. Physics*, 181(4), pp.1277-1305.
Citează: Ledoux, M. and Popescu, I., *Mass transportation proofs of free functional inequalities, and free Poincaré inequalities*, **J. Funct. Anal.**, **257** (2009), pp.1175–1221
121. Hauser, R.A. and Matzinger, H., 2020. Microscopic path structure of optimally aligned random sequences. *Bernoulli*, 26, pp.1-30.
Citează: Hauser, R., Matzinger, H. and Popescu, I., *An upper bound on the convergence rate of a second functional in optimal sequence alignment*, **Bernoulli**, **24** (2018), pp.971–992
122. S. Ahmadikhamisi, F. Golfier, C. Oltean, E. Lefevre1 and S. A. Bahrani, Impact of surfactant addition on non-Newtonian fluid behavior during viscous fingering in Hele-Shaw cell, **Phys. Fluids** **32** (2020), 012103
Citează: P. Daripa, G. Paşa, *On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media*, **Transp. Porous Media** **75** (2008), pag. 1–16

123. Peng Lv, Y. Liu, Yunbao Zhang, Yanyue Li & Huan Xia, Experimental research on novel oil displacement and profile control system for heterogeneous reservoir, **J. Petr. Expl. Prod. Tech.** **10**(2020), pag. 481–485
Citeaza: P. Daripa and G.Paşa, *An optimal viscosity profile in enhanced oil recovery by polymer*, **Int. J. of Eng. Sci.** **42** (2004), pag. 2029-2039
124. F. Iacob On the geometric quantization of the ro-vibrational motion of homonuclear diatomic molecules, **Phys. Lett. A** **384** (35) (2020), Article 126888
Citează: I. Chiose *The Kähler rank of compact complex manifolds*, **J. Geom. Anal.** **26** (2016), pag. 603 – 615
125. Wenbo Gong, WeiChang, Min Sunc, Effects of pore characteristics on water-oil two-phase displacement in non-homogeneous pore structures: A pore-scale lattice Boltzmann model considering various fluid density ratios, **Int. J. of Engineering Science** **154** (2020), pag. 1033-1043
Citeaza: P. Daripa, G.Paşa, *An optimal viscosity profile in enhanced oil recovery by polymer*, **Int. J. of Engineering Science** **42** (2004), pag. 2029-2039
126. Pedro H. A. Anjos and Shuwang Li, Weakly nonlinear analysis of the Saffman-Taylor problem in a radially spreading fluid annulus, **Phys. Rev. Fluids** **5** (2020), pag. 054002 – Published 8 May 2020
Citeaza: P. Daripa, G.Paşa, *New bounds for stabilizing Hele-Shaw flows*, **Appl. Math. Lett.** **18** (2005), pag. 1293- 1303
127. D.W. Lu, Y. Ning, D.G. Wang, The Bicrossed Products of H_4 and H_8 , **Czech Math. J.** **70** (2020), pag. 959 – 977
Citează: A.L. Agore, C.G. Bontea, G. Militaru *Classifying bicrossed products of Hopf algebras*, **Algebr. Repr. Th.** **17** (2014), pag. 227 – 264
128. D.W. Lu, Y. Ning, D.G. Wang, The Bicrossed Products of H_4 and H_8 , **Czech Math. J.** **70** (2020), pag. 959 – 977
Citează: A.L. Agore, A. Chirvasitu, B. Ion, G. Militaru *Bicrossed products for finite groups*, **Algebr. Repr. Th.** **12** (2009), pag. 481 – 488
129. D.W. Lu, Y. Ning, D.G. Wang, The Bicrossed Products of H_4 and H_8 , **Czech Math. J.** **70** (2020), pag. 959 – 977
Citează: A.L. Agore *Classifying bicrossed products of two Taft algebras*, **J. Pure Appl. Algebra** **222** (2018), pag. 914 – 930
130. D.W. Lu, Y. Ning, D.G. Wang, The Bicrossed Products of H_4 and H_8 , **Czech Math. J.** **70** (2020), pag. 959 – 977
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
131. F. Belmonte, Canonical quantization of constants of motion, **Rev. Math. Phys.**, **32** (2020), Article Number: 2050030
Citează: Măntoiu, Marius; Purice, Radu *The magnetic Weyl calculus*, **J. Math. Phys.** **45** (2004), pag. 1394 – 1417

132. Cardenas, E; Raikov, G and Tejeda, I, Spectral properties of Landau Hamiltonians with non-local potentials, **Asymptotic Anal.**, **120** (2020), p. 337-371
Citează: Măntoiu, Marius; Purice, Radu *The magnetic Weyl calculus, J. Math. Phys.* **45** (2004), pag. 1394 – 1417
133. Jin, JC; Wang, ZY; (...); Wang, ZY, Study on the transport properties of borophene/phosphorene heterojunctions, **Emerging Materials Research**, **9** (2020), p. 985-990
Citează: Cornean, HD; Duclos, P; (...); Purice, R *Adiabatically switched-on electrical bias and the Landauer-Buttiker formula, J. Math. Phys.* **49**, (2008), Article Number102106
134. Belmonte, F, Canonical quantization of constants of motion, **Rev. Math. Phys.** **32**(2020), Article Number2050030
Citează: Athmouni, N; Măntoiu, M and Purice, R *On the continuity of spectra for families of magnetic pseudodifferential operators, J. Math. Phys.* **51** (2010), Article Number083517.
135. Cancès, E; Cao, LL and Stoltz, G, I, A reduced Hartree-Fock model of slice-like defects in the Fermi sea, **Nonlinearity** **33** (1) (2020), p. 156-195
Citează: Cornean, HD; Duclos, P and Purice, R *Adiabatic Non-Equilibrium Steady States in the Partition Free Approach, Ann. H. Poincaré* **13** (2012), pag.827-856.
136. M. Kato, T. Mano, J. Sekiguchi, Flat structures on the space of isomonodromic deformations, **SIGMA Symmetry Integrability Geom Methods Appl** **16** (2020), 36 pag
Citează: L. David, C. Hertling *Regular F-manifolds: initial conditions and Frobenius metrics, Ann Sc Norm Sup Pisa* **17** (2017), pag. 1121-1152
137. V. Apostolov, D. Calderbank, P. Gauduchon, E. Legendre, Levi-Kähler reduction of CR structures, products of spheres, and toric geometry, **Math Research Letters** **27** (2020), pag. 1565 – 1629
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
138. O. Masahiro, Nef vector bundles on a projective space with first Chern class three, **Rend. Circ. Mat. Palermo** **(2)** **69** (2020), pag. 425 – 458
Citează: C. Anghel, N. Manolache *Globally generated vector bundles on \mathbb{P}^n with $c_1 = 3$, Math. Nachr.* **286** (2013), pag. 1407 – 1423.
139. J. Guo, Quantum sheaf cohomology and duality of flag manifolds, **Comm. Math. Phys.** **374** (2020), pag. 661 – 688
Citează: C. Anghel, *Quantum sheaf cohomology on surfaces of general type I: construction of stable omalous bundles, Act Univ. Apulensis Math. Inform. Special Issue ICTAMI* (2015), pag. 9 – 16.
140. A. Dimca, On the minimal value of global Tjurina numbers for line arrangements, **Eur. J. Math.** **6**, (2020), 817–823,
Citează: A. Dimca, D. Popescu, *Hilbert series and Lefschetz properties of dimension one almost complete intersections, Comm. Alg.*, **44**, (2016), 4467-4482.

141. U. Kohlenbach, Quantitative analysis of a Halpern-type Proximal Point Algorithm for accretive operators in Banach spaces, **J. Non. Convex Anal.** **21** (2020), pag. 2125–2138.
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Comm. Contemp. Math.** **23** (2021), 19550093 [63 pag.].
142. U. Kohlenbach, Quantitative analysis of a Halpern-type Proximal Point Algorithm for accretive operators in Banach spaces, **J. Non. Convex Anal.** **21** (2020), pag. 2125–2138.
Citează: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553–577.
143. B. Dinis, P. Pinto, Metastability of the multi-parameters proximal point algorithm, **Port. Math.** **77** (2020), pag. 345–381.
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Comm. Contemp. Math.** **23** (2021), 19550093 [63 pag.].
144. B. Dinis, P. Pinto, Metastability of the multi-parameters proximal point algorithm, **Port. Math.** **77** (2020), pag. 345–381.
Citează: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553–577.
145. B. Dinis, P. Pinto, Metastability of the multi-parameters proximal point algorithm, **Port. Math.** **77** (2020), pag. 345–381.
Citează: L. Leuştean, A. Sipoş, *An application of proof mining to the proximal point algorithm in CAT(0) spaces*, in: A. Bellow, C. Calude, T. Zamfirescu (eds.), **Mathematics Almost Everywhere. In Memory of Solomon Marcus** (2018), World Sci. Publ., 2018, pag. 153–168.
146. Y. Bowen, A note on fraction decompositions of integers, **Amer. Math. Monthly** **127** (2020), no. 10, pag. 928 – 932
Citează: F. Ambro, M. Barcau *On representations by Egyptian fractions*, **Rev. Roumaine Math. Pures Appl.** **60** (2015), no. 3, pag. 331 – 336
147. Hashizume, K.; Hu, Z.-Y., On minimal model theory for log abundant lc pairs. **J. Reine Angew. Math.** 767 (2020), 109 – 159
Citează: Ambro F.; Kollar, J., *Minimal models of semi-log-canonical pairs*. **Moduli of K-stable varieties**, Springer INdAM Ser. **31** (2019), Springer Cham, 1 – 13
148. Jiang, C., Boundedness of Q-Fano varieties with degrees and alpha-invariants bounded from below. **Ann. Sci. Éc. Norm. Supér.** (4) 53 (2020), no. 5, 1235 – 1248
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not.** **14** (2016), pag. 4418 – 4448
149. Filipazzi, S., On a generalized canonical bundle formula and generalized adjunction. **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) 21 (2020), 1187 – 1221
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403

150. Tanaka, H., Pathologies on Mori fibre spaces in positive characteristic. **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) 20 (2020), 1113 – 1134
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403
151. Filipazzi, S., On a generalized canonical bundle formula and generalized adjunction. **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) 21 (2020), 1187 – 1221
Citează: Ambro F., *Shokurov's Boundary Property*, **J. Differential Geom.** **67** (2004), 229 – 255
152. Fujino, O.; Liu, H., On the log canonical ring of projective plt pairs with the Kodaira dimension two. **Ann. Inst. Fourier (Grenoble)** 70 (2020), 1775 – 1789
Citează: Ambro F., *Shokurov's Boundary Property*, **J. Differential Geom.** **67** (2004), 229 – 255
153. Liu, H., On the log canonical ring with Kodaira dimension two. **Internat. J. Math.** 31 (2020), 2050121, 9 pp
Citează: Ambro F., *Shokurov's Boundary Property*, **J. Differential Geom.** **67** (2004), 229 – 255
154. Aguirre, A.; Soshnikov, A. B., Note On Pair-dependent Linear Statistics With A Slowly Increasing Variance, **Theoretical Math. Phys.** **205** (2020), pag. 1682-1691
Citează: Killip, R; Nenciu, I, *Matrix models for circular ensembles*, **Int. Math. Res. Not.** (2004), pag. 2701–2665.
155. Fujino, O.; Liu, H., Fujita-type freeness for quasilog canonical curves and surfaces. **Kyoto J. Math.** 60 (2020), 1453 – 1467
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **240** (2003), 214 – 233
156. Canton, E., Berkovich log discrepancies in positive characteristic. **Pure Appl. Math. Q.** **16** (2020), 1465 – 153
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **6** (1999), 573 – 580
157. Filipazzi, S., On a generalized canonical bundle formula and generalized adjunction. **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) 21 (2020), 1187 – 1221
Citează: Ambro F., *The Adjunction Conjecture and its applications*, **PhD Thesis, The Johns Hopkins University (1999)**
158. Cao, Y.; Jiang, C., Remarks on Kawamata's effective non-vanishing conjecture for manifolds with trivial first Chern classes. **Math. Z.** 296(2020), 615 – 637
Citează: Ambro F., *Ladders on Fano varieties*, **J. Math. Sci. (New York)** **94** (1999), pag. 1126 – 1135
159. A. Höring, R. Śmiech, Anticanonical system of Fano fivefolds. **Math. Nachr.** 293 (2020), 115 – 119
Citează: F. Ambro, *Ladders on Fano varieties*, **J. Math. Sci. (New York)** **94** (1999), pag. 1126 – 1135

160. S. Novakovic, Ulrich bundles on some twisted flags, **Rocky Mt. J. Math.** **50** (2020), pag. 671 – 676
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
161. Lu, X., Hou, Y., Tie, Y. et al. Crack nucleation and propagation simulation in brittle two-phase perforated/particulate composites by a phase field model, **Acta Mech. Sin.** **36** (2020), pag. 493 – 512
Citează: M. Buliga, *Energy minimizing brittle crack propagation*, **J. of Elasticity** **52** (1999), pag. 201 – 238
162. J. Schmidt, T. Janda, A. Zemanová, J. Zeman, M. Šejnoha, Newmark algorithm for dynamic analysis with Maxwell chain model, **Acta Polyt.** **60** (2020), pag. 502 – 511
Citează: M. Buliga, *Hamiltonian inclusions with convex dissipation with a view towards applications*, **Math. Appl.** **1** (2009), pag. 228–251
163. A. Suciu, Cohomology jump loci of 3-manifolds, **Manuscripta Math.** (2020)
Citează: A. Măcinic, §. Papadima, R. Popescu, A. Suciu *Flat Connections And Resonance Varieties: From Rank One To Higher Ranks*, **Trans. Amer. Math. Soc.**, **369** (2017), pag. 1309 – 1343
164. A. Suciu, Cohomology jump loci of 3-manifolds, **Manuscripta Math.** (2020)
Citează: A. Măcinic *Cohomology rings and formality properties of nilpotent groups*, **J. Pure Appl. Algebra** **214** (2010), pag. 1818 – 1826
165. J. Wang, XZ. Zhao, On generalized configuration space and its homotopy groups, **J. Knot Th. Ramif.** **29** (2020)
Citează: B. Berceanu, A. Măcinic, §. Papadima, R. Popescu, *On the geometry and topology of partial configuration spaces of Riemann surfaces*, **Alg. Geom Topol.**, **17** (2017), pag. 1163 – 1188
166. A. Dimca, G. Sticlaru, Computing Milnor fiber monodromy for some projective hypersurfaces, **Conference on Panorama on Singular Varieties celebrating the 70th birthday of Le Dung Trang 2020 — Panorama Of Singularities** **742** (2020), pag. 31 – 52
Citează: A. Măcinic, §. Papadima, R. Popescu, *Modular Equalities For Complex Reflection Arrangements*, **Doc. Math.** **22** (2017), pag. 135 – 150
167. Y. Omar, A. M. Shahin, E. Ahmed, A. M. K. Tarabia, H. A. A. El-Saka, On the quaternion projective space, **J. Taibah Univ. Sci.** **14** (2020), pag. 1538 – 1543,
Citează: G. Bădițoiu *Classification of pseudo-Riemannian submersions with totally geodesic fibres from pseudo-hyperbolic spaces*, **Proc. London Math. Soc.** **105** (2012), pag. 1315 – 1338
168. O. Castelnau, K. Derrien, S Ritterbex, P. Carrez, P. Cordier, H. Moulinec, Multiscale modeling of the effective viscoplastic behavior of Mg₂SiO₄ wadsleyite: bridging atomic and polycrystal scales, **C. R. Mécanique** **348** (2020), pag. 827–846
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

169. C. N. Tomé, R. A. Lebensohn, Polycrystal thermo-elasticity revisited: theory and applications, **C. R. Mécanique** **348**, (2020), pag. 877–891
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
170. M. Abdullah Al Mahbub, X. He, N. J. Nasu, C. Qiu, Y. Wang, H. Zhenga, A Coupled multiphysics model and a decoupled stabilized finite element method for the closed-loop geothermal system, **SIAM J. Sci. Comput.** **42** (2020), pag. B951–B982
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115** (2010), pag. 195–227
171. J. Li, A. Tamazyan, A. Zaharescu, Ducci iterates and similar ordering of visible points in convex regions, **Int. J. Number Theory** **16** (2020), pag. 1–28.
Citează: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Comm. Math. Phys.** **213** (2000), pag. 433–470.
172. K. Liu, X. Meng, Visible lattice points along curves, **The Ramanujan Journal** (2020), 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.
173. A. Haynes, J. Marklof, Higher dimensional Steinhaus and Slater problems via homogeneous dynamics, **Ann. Sci. Éc. Norm. Supér. (4)** **53** (2020), pag. 537–557.
Citează: C. Cobeli, G. Groza, M. Vâjâitu, A. Zaharescu, Generalization of a theorem of Steinhaus, **Colloq. Math.** **92** (2002), pag. 257–266.
174. A. Jarauta, V. Zingan, P. Minev and M. Secanell, A Compressible Fluid Flow Model Coupling Channel and Porous Media Flows and Its Application to Fuel Cell Materials, **Transport in Porous Media** **134** (2020), pag. 351–386
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115** (2010), pag. 195–227
175. B. Kalyanaraman, M. H. Meylan, B. Lamichhane, Coupled Brinkman and Kozeny-Carman model for railway ballast washout using the finite element method , **J. Royal Soc. New Zealand** **51** (2020), pag. 375–388
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115** (2010), pag. 195–227
176. T. Fonseca, On coefficients of Poincaré series and single-valued periods of modular forms., **Res. Math. Sci.** **7** (2020), Paper No. 33, 38 pp
Citează: V. Paşol, A. Popa *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), pag. 713–743
177. A. Popa, D. Zagier, An elementary proof of the Eichler-Selberg trace formula, **J. Reine Angew. Math.** **762** (2020), 105–122
Citează: V. Paşol, A. Popa *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107** (2013), pag. 713–743

178. D. Bernardi, B. Perrin-Riou, Symboles modulaires et produit de Petersson, **J. Théor. Nombres Bordeaux** **32** (2020), 795–859
Citează: V. Pașol, A. Popa *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107** (2013), pag. 713–743
179. S. Tsuyumine, Petersson scalar products and L-functions arising from modular forms, **Ramanujan J.** **52** (2020), 1–40
Citează: V. Pașol, A. Popa *On the Petersson scalar product of arbitrary modular forms*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 753–760
180. Y. Mizuno, Petersson norms of Eisenstein series and Kohnen-Zagier’s formula, **J. Théor. Nombres Bordeaux** **32** (2020), 665–684
Citează: V. Pașol, A. Popa *On the Petersson scalar product of arbitrary modular forms*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 753–760
181. J. Schleischitz, Diophantine approximation in prescribed degree, **Mosc. Math. J.** **18** (2018), pag. 491–516
Citează: N. C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte *Irreducibility criteria for sums of two relatively prime polynomials*, **Intern. J. Number Theory** **9** (2013), pag. 1529–1539
182. 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. Hun.** **81** (2020), pag. 234–238
Citează: M. Cipu *Explicit formula for the solution of simultaneous Pell equations $x^2 - (a^2 - 1)y^2 = 1$, $y^2 - bz^2 = 1$* , **Proc. Amer. Math. Soc.** **146** (2018), pag. 983–992
183. D. Kim, On a quadratic Waring’s problem with congruence conditions, **Acta Arith.** **194** (2020), pag. 73 – 97
Citează: C. N. Beli, W. K. Chan, M. I. Icaza, J. Liu, On a Waring’s problem for integral quadratic and Hermitian forms, **Trans. Amer. Math. Soc.** **371** (2019), 5505–5527.
184. A.S. Rapinchuk, I.A. Rapinchuk, Linear algebraic groups with good reduction, **Res. Math. Sci.** **7** (2020), Paper No. 28, 65 p.
Citează: C.N. Beli, P. Gille, T-Y Lee, Examples of algebraic groups of type G_2 having the same maximal tori, **Proc. Steklov Inst. Math.**, **292** (2016), pag. 10 – 19.
185. X. G. Guan, On the common solutions of Pell equations $x^2 - (c^2 - 1)y^2 = y^2 - 2p_1p_2p_3z^2 = 1$, **Acta Math. Sinica (Chinese Series)** **63** (2020), pag. 157–170
Citează: M. Cipu *Explicit formula for the solution of simultaneous Pell equations $x^2 - (a^2 - 1)y^2 = 1$, $y^2 - bz^2 = 1$* , **Proc. Amer. Math. Soc.** **146** (2018), pag. 983–992
186. Y. Fujita, M. Le, Uniqueness of solutions to simultaneous Pell equations, **Bull. Malays. Math. Sci. Soc.** **44** (2020), pag. 213–246
Citează: M. Cipu, Y. Fujita *Bounds for Diophantine quintuples*, **Glas. Math. Ser. III** **50** (2015), pag. 25–34
187. M. Jardim, D. D. Silva, Instanton sheaves and representations of quivers, **Proc. Edinb. Math. Soc., II Ser.** **63** (2020), pag. 984–1004
Citează: M. Jardim, M. Maican, A. Tikhomirov, *Moduli spaces of rank 2 instanton sheaves on the projective space*, **Pacific J. Math.** **291** (2017), pag. 399–424

188. D. Zhou, J. Ding, All Solutions of the Yang–Baxter–Like Matrix Equation for Nilpotent Matrices of Index Two, **Complexity**, vol. 2020, Article ID 2585602, 7 pages, 2020.
Citează: Nichita F.F., *Nonlinear Equations, Quantum Groups and Duality Theorems: A Primer on the Yang-Baxter Equation*, VDM Verlag, Saarbrücken, Germany, 2009.
189. P.W. Prasetyo, C.Y. Melati, Konstruksi Brace Dua Sisi Dengan Menggunakan Ring Jacobson, **Limits: Journal of Mathematics and Its Applications**, 2020
Citează: Nichita F.F., *Introduction to the Yang-Baxter Equation with Open Problems, Axioms*, vol. 1(1) pp. 33–37.
190. A. A. Henni, On the fixed locus of framed instanton sheaves on \mathbb{P}^3 , **Pacific J. Math.** **308** (2020), pag. 41–72
Citează: M. Jardim, M. Maican, A. Tikhomirov, *Moduli spaces of rank 2 instanton sheaves on the projective space*, **Pacific J. Math.** **291** (2017), pag. 399–424
191. J. Choi, M. van Garrel, S. Katz, N. Takahashi, Local BPS invariants: Enumerative aspects and wall-crossing, **Int. Math. Res. Notices** **17** (2020), pag. 5450–5475
Citează: M. Maican, *A duality result for moduli spaces of semistable sheaves supported on projective curves*, **Rend. Seminario Mat. Univ. Padova** **123** (2010), pag. 55–68
192. S. Popa, D. Shlyakhtenko, Representing interpolated free group factors as group factors, **Groups Geom. Dyn.** **14** (2020), pag. 837–855
Citeaza: 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
193. R. Balan, D. Dutkay, D. Han, D. Larson, F. Luef, A Duality Principle for Groups II: Multi-frames Meet Super-Frames, **J. Fourier Anal. Appl.**, **26**
Citeaza: 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.
194. I. Cho, Palle E. T. Jorgensen, Certain *-homomorphisms of C^* -algebras and sequences of semicircular elements: A Banach space view, **Illinois J. Math.** **64**(4): 519–567 (December 2020)
Citeaza: 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.
195. S. Popa, D. Shlyakhtenko, Representing interpolated free group factors as group factors, **Groups Geom. Dyn.** **14** (2020) pag. 837–855
Citeaza: F. Rădulescu, *The Fundamental Group of the Von Neumann Algebra of a Free Group with Infinitely Many Generators is $R_+ \{0\}$* , **J. Amer. Math. Soc.**, **5** (1992), pp. 517–532.
196. Y. Isono, On Fundamental Groups Of Tensor Product II₁III₁ Factors , **J. Inst. Math. Jussieu**, **19** (2020), pp. 1121 - 1139
Citeaza: F. Rădulescu, *The Fundamental Group of the Von Neumann Algebra of a Free Group with Infinitely Many Generators is $R_+ \{0\}$* , **J. Amer. Math. Soc.**, **5** (1992), pp. 517–532.

197. R. Balan, D. Dutkay, D. Han, D. Larson, F. Luef, A Duality Principle for Groups II: Multi-frames Meet Super-Frames, **J. Fourier Anal. Appl.**, **26:83**
Citeaza: F. Rădulescu, *The Fundamental Group of the Von Neumann Algebra of a Free Group with Infinitely Many Generators is $R_+\{0\}$* , **J. Amer. Math. Soc.**, **5** (1992), pp. 517-532.
198. M De Chiffre, L Glebsky, A Lubotzky, Stability, cohomology vanishing, and nonapproximable groups, **Forum Math., Sigma**, **8** 2020,
Citeaza: F. Rădulescu, *The von Neumann algebra of the non-residually finite Baumslag group $\langle a, b | ab^3a^{-1} = b^2 \rangle$ embeds into R^ω* , **Hot topics in operator theory, Theta Ser. Adv. Math., vol. 9, Theta, Bucharest,** (2008), pag. 173- 185
199. S. Eilers, T. Shulman, A. Sørensen, C^* -stability of discrete groups, **Adv. Math. Volume 373** 2020, *Citeaza:* F. Rădulescu, *The von Neumann algebra of the non-residually finite Baumslag group $\langle a, b | ab^3a^{-1} = b^2 \rangle$ embeds into R^ω* , **Hot topics in operator theory, Theta Ser. Adv. Math., vol. 9, Theta, Bucharest,** (2008), pag. 173- 185
200. Z. Pagel, W. Zhong, R. Parker et al., Symmetric Bloch oscillations of matter waves, **Phys. Rev. A** **102** (2020), Article Number: 053312
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.
201. De Nittis, Giuseppe; Lein, Max, Erratum: "Exponentially localized Wannier functions in periodic zero flux magnetic fields" [J. Math. Phys. 52, 112103 (2011)], **J. Math. Phys.** **61** (2020), Article Number: 119901
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.
202. Alexandradinata, A.; Holler, J.; Wang, Chong; et al, Crystallographic splitting theorem for band representations and fragile topological photonic crystals, **Phys. Rev. B** **102** (2020), Article Number: 115117
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.
203. Gesztesy, Fritz; Nichols, Roger, On Absence Of Threshold Resonances For Schrödinger And Dirac Operators, **Discrete Cont. Dynamical Syst.-Ser. S** **13** (2020), pag. 3427–3460
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **Rev. Math. Phys.**, **13** (2001) , pag. 717–754.
204. Strohmaier, Alexander; Waters, Alden, Geometric and obstacle scattering at low energy, **Comm. Partial Diff. Eq.** **45** (2020), pag. 1451–1511
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **Rev. Math. Phys.**, **13** (2001) , pag. 717–754.
205. Joye, Alain; Merkli, Marco; Spehner, Dominique, Adiabatic Transitions in a Two-Level System Coupled to a Free Boson Reservoir, **Ann. H. Poincaré** **21** (2020), pag. 3157–3199
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **Rev. Math. Phys.**, **13** (2001) , pag. 717–754.

206. Hannuksela, Otto A.; Ng, Kenny C. Y.; Li, Tjonne G. F., Extreme dark matter tests with extreme mass ratio inspirals, **Phys. Rev. D** **102** (2020), Article Number: 103022
Citează: Nenciu, G., *Adiabatic Theorem Of Quantum-mechanics*, **J. Phys. A-Math. Gen.** **13** (1980), pag. L15–L18.
207. Silberstein, Navot; Behrends, Jan; Goldstein, Moshe; et al, Berry connection induced anomalous wave-packet dynamics in non-Hermitian systems, **Phys. Rev. B** **102** (2020), Article Number: 245147
Citează: G. Nenciu , G. Rasche, *On the adiabatic theorem for non self-adjoint operators*, **J. Phys. A-Math. Gen.** **L 25** (1992), pag.5741–5751.
208. Cheniti, S.; Koussa, W.; Medjber, A.; et al., Adiabatic theorem and generalized geometrical phase in the case of pseudo-Hermitian systems, **J. Phys. A-Math. Th.** **53** (2020), Article Number: 405302
Citează: G. Nenciu , G. Rasche, *On the adiabatic theorem for non self-adjoint operators*, **J. Phys. A-Math. Gen.** **25** (1992), pag.5741–5751.
209. Yin, Peiran; Luo, Xiaohui; Zhang, Liang; et al., Chiral State Conversion in a Levitated Micromechanical Oscillator withIn SituControl of Parameter Loops*, **Chin. Phys. Lett.** **37** (2020), Article Number: 100301
Citează: G. Nenciu , G. Rasche, *On the adiabatic theorem for non self-adjoint operators*, **J. Phys. A-Math. Gen.** **25** (1992), pag.5741–5751.
210. Ito, Hiroshi T., Eigenvalues and resonances of Dirac operators with dilation analytic potentials diverging at infinity, **Hokkaido Math. J.** **49** (2020), pag. 247-296
Citează: D.R. Grigore, G. Nenciu , R. Purice, *On the nonrelativistic limit of the Dirac Hamiltonian*, **Ann. Inst. H. Poincaré-Phys. Theor.** **51** (1981), pag. 231-263.
211. A. Riesco, K. Ogata, CiMPG+F: A Proof Generator and Fixer-Upper for CafeOBJ Specifications, **Theoretical Aspects of Computing – ICTAC, 17th International Colloquium** (2020), pag. 64 – 82
Citează: D. Găină, I. Tuțu, A. Riesco: *Specification and Verification of Invariant Properties of Transition Systems*, **25th Asia-Pacific Software Engineering Conference** (2018), pag. 99 – 108
212. S. Israwi, Higher Order Dissipative-Dispersive System and Application, **J. Partial Diff. Eq.** **33** (2020), 1–16
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation*, **J. Nonlinear Math. Phys.** **14** (2007), 303–312.
213. L. Wei, Q. Zeng, Persistent Decay of Solutions to the k-abc Equation in Weighted L^p Spaces, **J. Dyn. Diff. Eq.** **32** (2020), 219–232
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation*, **J. Nonlinear Math. Phys.** **14** (2007), 303–312.
214. L. Guerini, H. Peters, Random local complex dynamics, **Ergodic Th. Dynamical Systems**, **40** (2020), pag. 2156–2182
Citează: M. Lyubich, R. Radu, R. Tanase, *Hedgehogs in higher dimensions and their applications*, **Astérisque** **416** (2020), pag. 213–251

215. L. Guerini, H. Peters, Random local complex dynamics, **Ergodic Th. Dynamical Systems**, **40** (2020), pag. 2156–2182
Citează: T. Firsova, M. Lyubich, R. Radu, R. Tanase, *Hedgehogs for neutral dissipative germs of holomorphic diffeomorphisms of $(\mathbb{C}^2, 0)$* , **Astérisque** **416** (2020), pag. 193–211
216. R. Dujardin, *A closing lemma for polynomial automorphisms of \mathbb{C}^2* , **Astérisque** **415**, 2020, p. 35–43
Citează: T. Firsova, M. Lyubich, R. Radu, R. Tanase, *Hedgehogs for neutral dissipative germs of holomorphic diffeomorphisms of $(\mathbb{C}^2, 0)$* , **Astérisque** **416** (2020), pag. 193–211
217. R. Dujardin, *A closing lemma for polynomial automorphisms of \mathbb{C}^2* , **Astérisque** **415**, 2020, p. 35–43
Citează: M. Lyubich, R. Radu, R. Tanase, *Hedgehogs in higher dimensions and their applications*, **Astérisque** **416** (2020), pag. 213–251
218. Câmara, M. Cristina; Kliś-Garlicka, Kamila; Łanucha, Bartosz; Ptak, Marek, Compressions of multiplication operators and their characterizations. **Results Math.** **75** (2020), Paper no 157, 23pp
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.
219. O'Loughlin, Ryan, Nearly invariant subspaces with applications to truncated Toeplitz operators. **Complex Anal. Oper. Theory** **14** (2020), Paper no 86, 24pp
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.
220. Câmara, M. Cristina; Kliś-Garlicka, Kamila; Łanucha, Bartosz; Ptak, Marek, Conjugations in ' $L^2(\mathcal{H})$ ', **Int. Eq. Operator Th.** **92** (2020), Paper no 48, 25pp.
Citează: Chevrot, Nicolas; Fricain, Emmanuel; Timotin, Dan, *The characteristic function of a complex symmetric contraction*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2877–2886.
221. Barik, Sibaprasad; Das, B. Krishna; Sarkar, Jaydeb, Isometric dilations and von Neumann inequality for finite rank commuting contractions, **Bull. Sci. Math.** (2020), 102915, 25pp
Citează: Ball, J. A.; Li, W. S.; Timotin, D.; Trent, T. T., *A commutant lifting theorem on the polydisc*, **Indiana Univ. Math. J.** **48** (1999), pag. 653–675.
222. Chattopadhyay, Arup; Das, Soma; Pradhan, Chandan, Almost invariant subspaces of the shift operator on vector-valued Hardy spaces. **Int. Eq. Operator Th.** **92** (2020), Paper No 52, 15pp
Citează: Benhida, Chafiq; Timotin, Dan, *Finite rank perturbations of contractions*, **Int. Eq. Operator Th.** **36** (2000), pag. 253–268.
223. Li, Yufei; Yang, Yixin; Lu, Yufeng, The reducibility of truncated Toeplitz operators, **Complex Anal. Oper. Theory** **14** (2020), Paper 60, 18 pag.
Citează: Chalendar, Isabelle; Fricain, Emmanuel; Timotin, Dan, *A survey of some recent results on truncated Toeplitz operators*, **Contemp. Math.**, **679** (2016), pag. 59–77.

224. Partington, Jonathan R.; Pott, Sandra; Zawiski, Radosław, Laplace-Carleson embeddings on model spaces and boundedness of truncated Hankel and Toeplitz operators **Int. Eq. Operator Th.** **92** (2020), Paper No 37, 15 pag.
Citează: Chalendar, Isabelle; Fricain, Emmanuel; Timotin, Dan, *A survey of some recent results on truncated Toeplitz operators*, **Contemp. Math.**, **679** (2016), pag. 59–77.
225. Jabbari, Ali, Positive type and positive definite functions on matrix valued group algebras. **Results Math.** **75** (2020), Paper No 149, 25 pag.
Citează: Bakonyi, M.; Timotin, D., *Extensions of positive definite functions on free groups*, **J. Funct. Anal.** **246** (2007), pag. 31–49.
226. Tarscsay, Zsigmond; Titkos, Tamás, Operators on anti-dual pairs: self-adjoint extensions and the strong Parrott theorem. **Canad. Math. Bull.** **63** (2020), pag. 813–824
Citează: Timotin, Dan, *A note on Parrott's strong theorem*, **J. Math. Anal. Appl.** **171** (1992), pag. 288–293.
227. Câmara, M. Cristina; Kliś-Garlicka, Kamila; Lanucha, Bartosz; Ptak, Marek, Invertibility, Fredholmness and kernels of dual truncated Toeplitz operators.. **Banach J. Math. Anal.** **14** (2020), 1558–1580
Citează: Bercovici, Hari; Timotin, Dan, *Truncated Toeplitz operators and complex symmetries*, **Proc. Amer. Math. Soc.** **146** (2018), pag. 261–266.

2 Citări apărute în 2021

1. L. Toth, On the number of k -compositions n satisfying certain coprimality conditions, **Acta Math. Hungar.** **164**, no. 1 (2021), pag. 135–156
Citează: M. Cimpoeaş, F. Nicolae *On the restricted partition function*, **Ramanujan J.** **47**, no. 3 (2018), pag. 565–588
2. T. Hibi, K. Kimura, K. Matsuda, A. Tsuchiya, Regularity and a -invariant of Cameron-Walker graphs, **J. Algebra** **584** (2021), pag. 215–242
Citează: M. Cimpoeaş *On the Stanley depth of the path ideal of a cycle graph*, **Rom. J. Math. Comput. Sci.** **6** (2016), pag. 116–120
3. W. Heinzer, C. Rotthaus, S. Wiegand, Integral Domains Inside Noetherian Power Series Rings: Constructions and Examples, **Math. Surveys Monogr.** **259** (2021), Amer. Math. Soc., Providence, Rhode Island
Citează: C. Ionescu *More properties of almost Cohen-Macaulay rings*, **J. Commut. Algebra** **7** (2015), pag. 363 – 372
4. R. Moghimipor, On the Cohen-Macaulayness of Bracket Powers of Generalized Mixed Product Ideals, **Acta Math. Vietnam.** **46** (2021),
Citează: C. Ionescu, G. Rinaldo *Some algebraic invariants related to mixed product ideals*, **Arch. Math.** **91** (2008), pag. 20 – 30
5. Z. Iqbal, M. Ishaq, MA. Binyamin, Depth and Stanley depth of the edge ideals of the strong product of some graphs, **Hacet. J. Math. Stat** **50** (2021), pag. 92-109
Citează: M. Cimpoeaş *Several inequalities regarding Stanley depth*, **Romanian J. Math. Computer Science** **2** (2012), pag. 28–40

6. Z. Iqbal, M. Ishaq, MA. Binyamin, Depth and Stanley depth of the edge ideals of the strong product of some graphs, **Hacet. J. Math. Stat.** **50** (2021), pag. 92-109
Citează: M. Cimpoeaş *Stanley depth of squarefree Veronese ideals* **An. St. Univ. Ovidius Constanta**, **21** (2013), pag. 67–71
7. Z. Iqbal, M. Ishaq, MA. Binyamin, Depth and Stanley depth of the edge ideals of the strong product of some graphs, **Hacet. J. Math. Stat.** **50** (2021), pag. 92-109
Citează: M. Cimpoeaş *On the Stanley depth of edge ideals of line and cyclic graphs* **Romanian J. Math. Computer Science**, **5** (2015), pag. 70–75
8. Kota Yoshioka, aCM bundles on a general abelian surface, **Arch. Math.** **116** (2021), pag. 529 – 539
Citează: Chindea F. *ACM line bundles on elliptic ruled surfaces*, **Manuscripta Math.** **161** (2020), pag. 213 – 222
9. Kenta Watanabe, The characterization of aCM line bundles on quintic hypersurfaces in P3, **Abh. Math. Sem. Univ. Hamburg** (2021)
Citează: Chindea F. *ACM line bundles on elliptic ruled surfaces*, **Manuscripta Math.** **161** (2020), pag. 213 – 222
10. B. Grechuk, Landscape of 21st Century Mathematics, Selected Advances, 2001–2020, **Springer Nature** (2021)
Citează: M. Prunescu *The exponential diophantine problem for \mathbb{Q} is undecidable*, **J. Symbolic Logic**, **85** (2020), pag. 671 – 672.
11. R. J. Lipton, Hilbert’s Tenth Again, **Gödel’s Lost Letter and P=NP**, Blog <https://rjlipton.wpc.comstaging.com/2021/03/13/hilberts-tenth-again/> (2021)
Citează: M. Prunescu *The exponential diophantine problem for \mathbb{Q} is undecidable*, **J. Symbolic Logic**, **85** (2020), pag. 671 – 672
12. R. J. Lipton, Hilbert’s Tenth Problem on Rationals, **Gödel’s Lost Letter and P=NP**, Blog <https://rjlipton.wpc.comstaging.com/2021/05/19/hilbert-tenth-on-rationals/> (2021)
Citează: M. Prunescu *The exponential diophantine problem for \mathbb{Q} is undecidable*, **J. Symbolic Logic**, **85** (2020), pag. 671 – 672
13. B. Femić, Turaev bicategories and generalized Yetter-Drinfel’d modules in 2-categories, **Israel J. Math.** **241** (2021), pag. 395 – 432
Citează: F. Panaite, M. D. Staic *Generalized (anti) Yetter-Drinfeld modules as components of a braided T-category*, **Israel J. Math.** **158** (2007), pag. 348 – 365
14. T. Ma, H. Zheng, L. Dong, and J Chen, Lazy 2-cocycle and Radford (m,n)-biproduct, **J. Algebra Appl.** **20** (2021), no. 7, Paper No. 2150120, 33 pp
Citează: F. Panaite, M. D. Staic, and F. Van Oystaeyen *On some classes of lazy cocycles and categorical structures*, **J. Pure Appl. Algebra** **209** (2007), pag. 687 – 701
15. S. Carolus, J. Laubacher, and M. D. Staic, A simplicial construction for noncommutative settings, **Homology Homotopy Appl.** **23** (2021), pag. 49 – 60
Citează: M. D. Staic *Secondary Hochschild cohomology*, **Algebr. Represent. Theory** **19** (2016), pag. 47 – 56

16. S. Carolus, J. Laubacher, and M. D. Staic, A simplicial construction for noncommutative settings, **Homology Homotopy Appl.** **23** (2021), pag. 49 – 60
Citează: B. R. Corrigan-Salter, and M. D. Staic *Higher-order and secondary Hochschild cohomology*, **C. R. Math. Acad. Sci. Paris** **354** (2016), pag. 1049 – 1054
17. S. Carolus, J. Laubacher, and M. D. Staic, A simplicial construction for noncommutative settings, **Homology Homotopy Appl.** **23** (2021), pag. 49 – 60
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
18. M. F. Ribeiro, A. A. Santo do Espírito; F. P. P. Reis, Milnor-Hamm fibration for mixed maps, **Bull. Braz. Math. Soc. (N.S.)** **52** (2021), pag. 739–766
Citează: C. Joita, M. Tibăr: *Images of analytic map germs and singular fibrations*, **Eur. J. Math.** **6** (2020), pag. 888–904.
19. P. Robert, G. Vignoud, Averaging Principles for Markovian Models of Plasticity, **J. Statist. Phys.** **183** (2021), <https://doi.org/10.1007/s10955-021-02785-3>
Citează: L. Beznea, I. Cîmpean, M. Röckner, *A new approach to the existence of invariant measures for Markovian semigroups*, **Ann. Inst. H. Poincaré, Prob. Stat.** **55** (2019), pag. 977–1000.
20. Tarcsay, Z and Titkos, T, Operators on anti-dual pairs: Generalized Krein-von Neumann extension, **Math. Nachr.**, Aug 2021 (Early Access),
<https://doi.org/10.1002/mana.201800431>
Citează: Gr. Arsene and A. Gheondea: Completing matrix contractions, **J. Oper. Theory** **7** (1982), pag. 179–189.
21. Arlinskii, YM and Hassi, S, Representations of closed quadratic forms associated with Stieltjes and inverse Stieltjes holomorphic families of linear relations, **Meth. Funct. Anal. Topol.** **27** (2021), pag. 103–129.
Citează: Gr. Arsene and A. Gheondea: Completing matrix contractions, **J. Oper. Theory** **7** (1982), pag. 179–189.
22. Fischbacher, C, Dissipative operators with closable imaginary part, **Opuscula Math.** **41** (2021), pag. 381–391.
Citează: Gr. Arsene and A. Gheondea: Completing matrix contractions, **J. Oper. Theory** **7** (1982), pag. 179–189.
23. Lie, SH and Jeong, H, Randomness for quantum channels: Genericity of catalysis and quantum advantage of uniformness, **Phys. Rev. Res.** **3** (2021), 013218.
Citează: A. Arias, A. Gheondea, and S. Gudder, Fixed points of quantum operations, **J. Math. Phys.** **43** (2002), pag. 5872–5881.
24. Carbone, R and Girotti, F, Absorption in Invariant Domains for Semigroups of Quantum Channels, **Ann.s H. Poincaré** **22** (2021), pp.2497–2530.
Citează: A. Arias, A. Gheondea, and S. Gudder, Fixed points of quantum operations, **J. Math. Phys.** **43** (2002), pag. 5872–5881.
25. Alpay, D; Cerejeiras, P and Kahler, U, Krein Reproducing Kernel Modules in Clifford Analysis, **J. Anal. Math.** **143** (2021), pag. 253–288.

Citează: A. Gheondea: Reproducing kernel Krein spaces, in **Oper. Theory**, pp. 311–343, Springer Verlag, Berlin 2015.

26. Gil, JJ and Jose, IS, Universal Synthesizer of Mueller Matrices Based on the Symmetry Properties of the Enpolarizing Ellipsoid, **Symmetry-Basel** **13** (2021).
Citează: T. Tudor, A. Gheondea: Pauli algebraic forms for normal and non-normal operators, **J. Optical Soc. Amer., Ser. A** **24** (2007), pag. 204–210.
27. Guesba, M, Some generalizations of A-numerical radius inequalities for semi-Hilbert space operators, *Boll. U. M. I.* **14** (2021), pag. 681–692.
Citează: P. Cojuhari, A. Gheondea: On lifting of operators to Hilbert spaces induced by positive selfadjoint operators, **J. Math. Anal. Appl.** **304** (2005), pag. 584–598.
28. Ghatak, A and Pamula, SK, A Radon-Nikodym theorem for local completely positive invariant multilinear maps, **Linear and Multilinear Algebra** (2021) (Early access)
Citează: A. Gheondea, A.S. Kavruk: Absolute continuity of operator valued completely positive maps on C^* -algebras, **J. Math. Phys.** **50** (2009), 022102, 29 pag.
29. Ghatak, A, Pamula, SK, A Radon-Nikodym theorem for local completely positive invariant multilinear maps, **Linear and Multilinear Algebra** (2021) (Early access)
Citează: A. Gheondea, Operator models for Hilbert locally C^* -modules, **Operators and Matrices** **11** (2017), no. 3, pag. 639–667.
30. Bhat, BVR; Ghatak, A and Pamula, SK, Stinespring's theorem for unbounded operator valued local completely positive maps and its applications, **Indag. Math. — New Series** **32** (2021), pag. 547–578.
Citează: A. Gheondea, Operator models for Hilbert locally C^* -modules, **Operators and Matrices** **11** (2017), no. 3, pag. 639–667.
31. Joița, M., Unbounded local completely positive maps of local order zero, **Positivity** **25** (2021), pag. 1215–1227.
Citează: A. Gheondea, Operator models for Hilbert locally C^* -modules, **Operators and Matrices** **11** (2017), pag. 639–667.
32. Farenick, D; Huntinghawk, F; Plosker, S, Complete order equivalence of spin unitaries, **Linear Alg. Appl.** **610** (2021) pag. 1–28.
Citează: C.-Gr. Ambrozie, A. Gheondea, An interpolation problem for completely positive maps on matrix algebras: solvability and parametrization, **Linear Mult. Algebra** **63** (2015), pag. 826–851.
33. S. Bezuglyi, P. E. T. Jorgensen, Harmonic analysis invariants for infinite graphs via operators and algorithms **J. Fourier Anal. Appl.** **24** (2021),
Citează: L. Beznea, S. Vlăduțiu, *Markov processes on the Lipschitz boundary for the Neumann and Robin problems*, **J. Math. Anal. Appl.** **455** (2017), pag. 292–311.
34. Y. Kozitsky, A. Tanaś, Evolution of an infinite fission-death system in the continuum, **J. Math. Anal. Appl.** **501** (2021), 125222
Citează: L. Beznea, O. Lupașcu, *Measure-valued discrete branching Markov processes*, **Trans. Amer. Math. Soc.** **368** (2016), pag. 5153–5176.

35. T. Klimsiak, Quasi-regular Dirichlet forms and the obstacle problem for elliptic equations with measure data, **Studia Math.** **258** (2021), pag 121–156
Citează: L. Beznea, N. Boboc, *Potential Theory and Right Processes.* (Mathematics and Its Applications, vol. **572**), Kluwer Academic Publishers/Springer 2004, 376 p.
36. A. BenAmor, R. Moussa, Decomposition formulae for Dirichlet forms and their corollaries, **Mediterr. J. Math.** **18:17** (2021)
Citează: L. Beznea, N. Boboc, M. Röckner, *Quasi-regular Dirichlet forms and L^p -resolvents on measurable spaces*, **Potential Anal.** **25** (2006), pag. 269–282.
37. A. BenAmor, R. Moussa, Decomposition formulae for Dirichlet forms and their corollaries, **Mediterr. J. Math.** **18:17** (2021)
Citează: L. Beznea, I. Cîmpean, M. Röckner, *Irreducible recurrence, ergodicity, and extremality of invariant measures for resolvents*, **Stochastic Process. Appl.** **128** (2018), pag. 1405–1437.
38. Z. Vondracek, *A probabilistic approach to a non-local quadratic form and its connection to the Neumann boundary condition problem*, **Math. Nachr.** **294** (2021), pag. 177–194
Citează: L. Beznea, S. Vlădoiu, *Markov processes on the Lipschitz boundary for the Neumann and Robin problems*, **J. Math. Anal. Appl.** **455** (2017), pag. 292–311.
39. Wang, Yunpeng; Yang, Jizhen, Modulo p^2 congruences involving generalized harmonic numbers, **Bull. Malays. Math. Sci. Soc.** **44** (2021), pag. 1799 – 1812
Citează: Alkan, E., Sneed, J., Văjăitu, M., Zaharescu, A. *Wolstenholme matrices*, **Math. Rep.** **58** (2006), pag. 1 – 8
40. Prasad, Devendra, Irreducibility of integer-valued polynomials I, **Comm. Algebra** **44** (2021), pag. 948 – 955
Citează: M. Văjăitu *An inequality involving the degree of an algebraic set*, **Rev. Roumaine Math. Pures Appl.** **43(3-4)** (1998), pag. 451 – 455
41. D. Prasad, Irreducibility of integer-valued polynomials I, **Comm. Algebra** **44** (2021), pag. 948 – 955
Citează: M. Văjăitu, A. Zaharescu *A finiteness theorem for a class of exponential congruences*, **Proc. Amer. Math. Soc.**, **127** (1999), pag. 2225 – 2232
42. D. Prasad, A generalization of Selfridge’s question, **Integers** **21**, Paper No. A66, **21** (2021), pag. 1 – 11
Citează: M. Văjăitu, A. Zaharescu *A finiteness theorem for a class of exponential congruences*, **Proc. Amer. Math. Soc.**, **127(8)** (1999), pag. 2225 – 2232
43. V. Alexandru, M. Văjăitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: S. Achimescu, V. Alexandru, N. Popescu, M. Văjăitu, A. Zaharescu *The behavior of rigid analytic functions around orbits of elements of C_p* , **Rend. Sem. Mat. Univ. Padova** **118** (2007), pag. 197 – 216
44. V. Alexandru, M. Văjăitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: V. Alexandru, N. Popescu, M. Văjăitu, A. Zaharescu *On the zeros of Krasner Analytic Functions*, **Algebr Represent Theor** **16** (2013), pag. 895 – 904

45. V. Alexandru, M. Vâjâitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: V. Alexandru, C. C. Nițu, M. Vâjâitu and A. Zaharescu *On the norm of Krasner analytic functions with applications to transcendence results*, **J. Pure Appl. Algebra** **219** (2015), pag. 4607 – 4618
46. V. Alexandru, M. Vâjâitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: V. Alexandru, M. Vâjâitu, A. Zaharescu *On p-adic analytic continuation with applications to generating elements*, **Proc. Edinburgh Math. Soc.** **59** (2016), pag. 1 – 10
47. V. Alexandru, M. Vâjâitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: A. Popescu, N. Popescu, M. Vâjâitu, A. Zaharescu *Chains of metric invariants over a local field*, **Acta Arith.** **103** (2002), pag. 27 – 40
48. V. Alexandru, M. Vâjâitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: N. Popescu, M. Vâjâitu, A. Zaharescu *On the existence of trace for elements of C_p* , **Algebr. Represent. Theory** **9** (2006), pag. 47 – 66
49. V. Alexandru, M. Vâjâitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: M. Vâjâitu *Integral representations and the behavior of Krasner analytic functions around singular points*, **Algebr. Represent. Theory** **16** (2013), pag. 1611 – 1620
50. V. Alexandru, M. Vâjâitu, A. Zaharescu, On the zeros and singularities of p-adic trace functions, **Comm. Algebra** **49** (2021), pag. 967 – 978
Citează: M. Vâjâitu, A. Zaharescu *Trace functions and Galois invariant p-adic measures*, **Publ. Mat.** **50** (2006), pag. 43 – 55
51. M. Vâjâitu, On Lebesgue decomposition of p -adic distributions. With an appendix by Victor Alexandru, **Publ. Math. Debrecen** **98** (2021), pag. 115 – 127
Citează: V. Alexandru, C. C. Nițu, M. Vâjâitu, A. Zaharescu *On the norm of Krasner analytic functions with applications to transcendence results*, **J. Pure Appl. Algebra** **219** (2015), pag. 4607 – 4618
52. M. Vâjâitu, On Lebesgue decomposition of p -adic distributions. With an appendix by Victor Alexandru, **Publ. Math. Debrecen** **98** (2021), pag. 115 – 127
Citează: V. Alexandru, M. Vâjâitu, A. Zaharescu *On the zeros and singularities of p-adic trace functions*, **Comm. Algebra** **49** (2020), pag. 967 – 978
53. M. Vâjâitu, On Lebesgue decomposition of p -adic distributions. With an appendix by Victor Alexandru, **Publ. Math. Debrecen** **98** (2021), pag. 115 – 127
Citează: M. Vâjâitu *On the C_p -Banach algebra of the r -Lipschitz functions*, **Bull. Mat. Soc. Sci. Math. Roumanie** **55** (2010), pag. 293 – 301

54. A. Adhikari, M. Lemm, H.T. Yau, Global eigenvalue distribution of matrices defined by the skew-shift, **Anal. PDE** **14** (2021), pag. 1153 – 1198
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
55. C. Aistleitner, S. Baker, On the pair correlations of powers of real numbers, **Israel J. Math.** **242** (2021), pag. 243 – 268
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
56. G. Peruginelli, D. Spirito, Extending valuations to the field of rational functions using pseudo-monotone sequences, **J. Algebra** **586** (2021), pag. 756 – 786
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
57. G. Peruginelli, D. Spirito, Extending valuations to the field of rational functions using pseudo-monotone sequences, **J. Algebra** **586** (2021), pag. 756 – 786
Citează: V. Alexandru, N. Popescu, A. Zaharescu *All valuations on $K(X)$* , **J. Math. Kyoto Univ.** **30** (1990), pag. 281 – 296
58. A. Jakhar, N. Sangwan, Key polynomials and distinguished pairs, **Comm. Algebra** **49** (2021), pag. 2952 – 2960
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
59. A. Jakhar, N. Sangwan, Key polynomials and distinguished pairs, **Comm. Algebra** **49** (2021), pag. 2952 – 2960
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
60. A. Jakhar, N. Sangwan, Key polynomials and distinguished pairs, **Comm. Algebra** **49** (2021), pag. 2952 – 2960
Citează: N. Popescu, A. Zaharescu *On the structure of the irreducible polynomials over local fields*, **J. Number Theory** **52** (1995), pag. 98 – 118
61. W. Mahboub, A. Mansour, M. Spivakovsky, On common extensions of valued fields, **J. Algebra** **584** (2021), pag. 1 – 18
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
62. W. Mahboub, A. Mansour, M. Spivakovsky, On common extensions of valued fields, **J. Algebra** **584** (2021), pag. 1 – 18
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

63. A. Bengus-Lasnier, Minimal pairs, truncations and diskoids, **J. Algebra** **579** (2021), pag. 388 – 427
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
64. A. Bengus-Lasnier, Minimal pairs, truncations and diskoids, **J. Algebra** **579** (2021), pag. 388 – 427
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
65. A. Bengus-Lasnier, Minimal pairs, truncations and diskoids, **J. Algebra** **579** (2021), pag. 388 – 427
Citează: V. Alexandru, N. Popescu, A. Zaharescu *All valuations on $K(X)$* , **J. Math. Kyoto Univ.** **30** (1990), pag. 281 – 296
66. M. de Moraes, J. Novacoski, Limit key polynomials as p-polynomials, **J. Algebra** **579** (2021), pag. 152 – 173
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
67. J. Maynard, Simultaneous small fractional parts of polynomials, **Geom. Funct. Anal.** **31** (2021), pag. 150 – 179
Citează: A. Zaharescu *Small values of $n^2\alpha \pmod{1}$* , **Invent. Math.** **121** (1995), pag. 379 – 388
68. A. Krishna, J. Park, De Rham-Witt sheaves via algebraic cycles, **Compos. Math.** **157** (2021), pag. 2089 – 2132
Citează: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104** (1986), pag. 85 – 115.
69. S. P. Dutta, Local cohomology of module of differentials of integral extensions, **J. Algebra** **582** (2021), pag. 136 – 156
Citează: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104** (1986), pag. 85 – 115.
70. S. Molcho, M. Temkin, Logarithmically regular morphisms, **Math. Ann.** **379** (2021), pag. 325–346
Citează: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104** (1986), pag. 85 – 115.
71. D. Clausen, A. Mathew, M. Morrow, K-theory and topological cyclic homology of henselian pairs, **J. Amer. Math. Soc.** **34**, (2021), pag. 411-473
Citează: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104** (1986), pag. 85 – 115.
72. D. Clausen, A. Mathew, M. Morrow, K-theory and topological cyclic homology of henselian pairs, **J. Amer. Math. Soc.** **34**, (2021), pag. 411-473

- Citează:* D. Popescu, *General Neron desingularization*, **Nagoya Math. J.**, **100**, (1985), 97–126.
73. D. Kubrak, R. Travkin, Resolutions With Conical Slices and Descent for the Brauer Group Classes of Certain Central Reductions of Differential Operators in Characteristic p, **Intern. Math. Res. Notices**, **19**(2021), pag. 14629–14719,
Citează: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104** (1986), pag. 85 – 115.
74. D. Kubrak, R. Travkin, Resolutions With Conical Slices and Descent for the Brauer Group Classes of Certain Central Reductions of Differential Operators in Characteristic p, **Intern. Math. Res. Notices**, **19**(2021), pag. 14629–14719,
Citează: D. Popescu, *General Neron desingularization*, **Nagoya Math. J.**, **100**, (1985), 97–126.
75. R. Ile, Deformation theory of Cohen-Macaulay approximation, **J. Algebra** **568** (2021), pag. 437-466
Citează: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104** (1986), pag. 85 – 115.
76. S. Bandari, J. Jafari, Minimal depth of monomial ideals via associated radical ideals, **Arch. Math.** **117** (2021), pag. 495–507
Citează: J. Herzog, D. Popescu, *Finite filtrations of modules and shellable multicomplexes*, **Manuscripta Math.**, **121**, (2006), pag. 385–410.
77. G.-M. Greuel, G. Pfister, Semicontinuity of singularity invariants in families of formal power series. in ” Singularities and their interaction with geometry and low dimensional topology”, Eds. Fernández de Bobadilla, Javier et al., Basel: Birkhäuser/Springer. **Trends Math.**, (2021), 207–245
Citează: H. Kurke, T. Mostowski, G. Pfister, D. Popescu, M. Roczen, *Die Approximationseigenschaft lokaler Ringe*, **Lect. Notes in Math.** **634**,(1978), Springer, Berlin.
78. R. Ile, Deformation theory of Cohen-Macaulay approximation. **J. Algebra** **568**, (2021), 437–466
Citează: D. Popescu, Letter to the Editor, General Neron desingularization and approximation, **Nagoya Math. J.**,**118**,(1990), 45–53.
79. S. Bandari, J. Jafari, Minimal depth of monomial ideals via associated radical ideals, **Arch. Math.** **117** (2021), pag. 495–507
Citează: J. Herzog, D. Popescu, M. Vlăduț, *Stanley depth and size of a monomial ideal*, **Proc. Amer. Math. Soc.**, **140**, (2012), 493–504
80. A. N.Bahlekeh, A note on balanced big Cohen-Macaulay modules, **J. Algebr. Syst.** **8**, (2021), 201-207
Citează: J. Herzog, D. Popescu, *Thom-Sebastiani problems for maximal Cohen-Macaulay modules*, **Math.Ann.**, **309**,(1997),677–700.
81. A. N.Bahlekeh. F. S. Fotouhi, The first Brauer-Thrall conjecture over one-dimensional local rings, **J. Algebra Appl.** **20**, Article ID 2150091, (2021), 14 p.
Citează: J. Herzog, D. Popescu, *Thom-Sebastiani problems for maximal Cohen-Macaulay modules*, **Math.Ann.**, **309**,(1997),677–700.

82. A. S. Dugas, G. J. Leuschke, Some extensions of theorems of Knörrer and Herzog-Popescu, **J. Algebra** **571**, (2021), pag. 94–120.
Citează: J. Herzog, D. Popescu, *Thom-Sebastiani problems for maximal Cohen-Macaulay modules*, **Math. Ann.**, **309**, (1997), 677–700.
83. G Caviglia, A De Stefani, A Cayley–Bacharach theorem for points in P^n , **Bull. London Math.** **53**, (2021), pag. 1185–1195
Citează: J. Herzog, D. Popescu, Hibert functions and generic forms, **Compositio Math.** **113**, (1998), pag. 1–22.
84. A. Pavlov, Betti tables of MCM modules over the cone of a plane cubic, **Math. Z.** **297**, (2021), 223–254
Citează: R. Laza, G. Pfister, D. Popescu, *Maximal Cohen-Macaulay modules over the cone of an elliptic curve*, **J. Algebra**, **253**, (2002), pag. 209–236.
85. A. S. Dugas, G. J. Leuschke, Some extensions of theorems of Knörrer and Herzog-Popescu, **J. Algebra** **571**, (2021), pag. 94–120.
Citează: L. O’Carroll, D. Popescu, *On a Theorem of Knörrer concerning Cohen-Macaulay modules*, **J. Pure Appl. Algebra**, **152**, (2000), 293–302.
86. A. Belotto da Silva, O. Curmi, G. Rond, A proof of A. Gabrielov’s rank theorem, **J. Éc. Polytech., Math.** **8**, (2021), 1329–1396.
Citează: F. J. Castro-Jiménez, D. Popescu, G. Rond, Linear nested Artin approximation for algebraic power series, **Manuscripta Math.** **158**, (2019), 55–73.
87. D. Tarun; K. Narasimha, On mod \mathfrak{p} congruences for Drinfeld modular forms of level \mathfrak{pm} , **J. Number Th.** **228** (2021), pag. 253 – 275
Citează: A. Scott; M. Barcau *Congruences for modular forms of weights two and four*, **J. Number Th.** **126** (2007), pag. 193 – 199
88. D. Tarun; K. Narasimha, On mod \mathfrak{p} congruences for Drinfeld modular forms of level \mathfrak{pm} , **J. Number Th.** **228** (2021), pag. 253 – 275
Citează: M. Barcau; V. Paşol *Mod p congruences for cusp forms of weight four for $\Gamma_0(pN)$* , **Int. J. Number Th.** **7** (2011), pag. 341 – 350
89. A. V. Bolsinov, S. Rosemann, Local description of Bochner-flat (pseudo)-Kähler metrics, **Comm Anal Geom** **29 (3)** (2021), pag. 525 – 577
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
90. D. Peralta-Salas, R. Slobodeanu, Energy minimizing Beltrami fields on Sasaki 3-manifolds, **Int. Math. Res. Notices** **9** (2021), pag. 6656 – 6690
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
91. V. Apostolov, R. H. Auvray, L. M. Sektnan, Extremal Kähler Poincaré type metrics on toric varieties , **J. Geom. Analysis** **31** (2021), pag. 1223 – 1290
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

92. M. Boucetta, M. Wadia Mansouri, Left invariant generalized complex and Kähler structures on simply connected 4-dimensional Lie groups: classification and invariant cohomology, **J. Algebra** **576** (2021), p. 27-94
Citează: D. V. Alekseevsky, L. David *Invariant generalized complex structures on Lie groups*, **Proc. London Math. Soc.** **105** (2012), pag. 703 – 729
93. E. Gasparim, F. Valencia, C. Varea, Invariant generalized complex geometry on maximal flag manifolds and their moduli, **J. Geom. Physics** **163** (2021), 104108, 21 pag.
Citează: D. V. Alekseevsky, L. David *Invariant generalized complex structures on Lie groups*, **Proc. London Math. Soc.** **105** (2012), pag. 703 – 729
94. A. V. Bolsinov, S. Rosemann, Local description of Bochner-flat (pseudo)-Kähler metrics, **Comm. Anal. Geom.** **29** (2021), pag. 525 – 577
Citează: L. David *The Bochner-flat cone of a CR manifold*, **Compos. Math.** **144** (2008), pag. 747 – 773
95. Kuno, Yusuke; Massuyeau, Gwenael, Generalized Dehn twists on surfaces and homology cylinders, **Algebr. Geom. Topol.** **21** (2021), pag. 697 – 754
Citează: Cheptea, Dorin; Habiro, Kazuo; Massuyeau, Gwenael, *A functorial LMO invariant for Lagrangian cobordisms*, **Geom. Topol.** **12** (2008), pag. 1091 – 1170
96. A. Fino, F. Paradiso, Generalized Kähler almost abelian Lie groups, **Ann Mat Pura Appl (4)** **200** (2021), pag. 1781-1812
Citează: D. V. Alekseevsky, L. David *A note about invariant SKT-structures and generalized Kähler structures on flag manifolds*, **Proc. Edinburgh Math. Soc.** **55** (2012), pag. 543 – 549
97. Y. Liu, L. Maxim, B. Wang, Topology of subvarieties of complex semi-abelian varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), pag. 11169 – 11208
Citează: Y. Liu, L. Maxim, B. Wang, *Perverse sheaves on semi-abelian varieties*, **Selecta Math. (N.S.)** **27** (2021), Paper No. 30, 40 pp
98. J. Koncki, Motivic Chern classes of configuration spaces, **Fund. Math.** **254** (2021), pag. 155 – 180
Citează: L. Maxim, J. Schürmann, *Plethysm and cohomology representations of external and symmetric products*, **Adv. Math.** **375** (2020), 107373, 54 pp.
99. Y. Liu, L. Maxim, B. Wang, Topology of subvarieties of complex semi-abelian varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), pag. 11169 – 11208
Citează: Y. Liu, L. Maxim, B. Wang, *Generic vanishing for semi-abelian varieties and integral Alexander modules*, **Math. Z.** **293** (2019), pag. 629 – 645.
100. Y. Liu, L. Maxim, B. Wang, Topology of subvarieties of complex semi-abelian varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), pag. 11169 – 11208
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

101. E. Elduque, L. Maxim, Higher-order degrees of affine plane curve complements, **Indiana Univ. Math. J.** **70** (2021), pag. 179 – 211
Citează: L. Maxim, K. Wong, *Twisted Alexander invariants of complex hypersurface complements*, **Proc. Roy. Soc. Edinburgh Sect. A** **148** (2018), pag. 1049 – 1073
102. Y. Liu, L. Maxim, B. Wang, Topology of subvarieties of complex semi-abelian varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), pag. 11169 – 11208
Citeaza: Y. Liu, L. Maxim, B. Wang, *Mellin transformation, propagation, and abelian duality spaces*, **Adv. Math.** **335** (2018), pag. 231 – 260.
103. J. Koncki, Motivic Chern classes of configuration spaces, **Fund. Math.** **254** (2021), pag. 155 – 180
Citeaza: L. Maxim, J. Schürmann, *Equivariant characteristic classes of external and symmetric products of varieties*, **Geom. Topol.** **22** (2018), pag. 471 – 515.
104. J. Koncki, Motivic Chern classes of configuration spaces, **Fund. Math.** **254** (2021), pag. 155 – 180
Citeaza: 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.
105. Y. Liu, L. Maxim, B. Wang, Topology of subvarieties of complex semi-abelian varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), pag. 11169 – 11208
Citează: S. Friedl, L. Maxim, *Twisted Novikov homology of complex hypersurface complements*, **Math. Nachr.** **290** (2017), pag. 604 – 612
106. K. Rychlewicz, The positivity of local equivariant Hirzebruch class for toric varieties, **Bull. Lond. Math. Soc.** **53** (2021), pag. 560 – 574
Citeaza: L. Maxim, J. Schürmann, *Characteristic classes of singular toric varieties*, **Comm. Pure Appl. Math.** **68** (2015), pag. 2177 – 2236.
107. M. Beck, P. Gunnells, E. Materov, Weighted lattice point sums in lattice polytopes, unifying Dehn-Sommerville and Ehrhart-Macdonald, **Discrete Comput. Geom.** **65** (2021), pag. 365 – 384
Citeaza: L. Maxim, J. Schürmann, *Characteristic classes of singular toric varieties*, **Comm. Pure Appl. Math.** **68** (2015), pag. 2177 – 2236.
108. Y. Liu, L. Maxim, B. Wang, Topology of subvarieties of complex semi-abelian varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), pag. 11169 – 11208
Citează: L. Maxim, *L^2 -Betti numbers of hypersurface complements*, **Int. Math. Res. Not. IMRN** **2014** (2014), pag. 4665 – 4678
109. J. Koncki, Motivic Chern classes of configuration spaces, **Fund. Math.** **254** (2021), pag. 155 – 180
Citeaza: 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.
110. E. Elduque, L. Maxim, Higher-order degrees of affine plane curve complements, **Indiana Univ. Math. J.** **70** (2021), pag. 179 – 211

- Citeaza:* C. Leidy, L. Maxim, *Obstructions on fundamental groups of plane curve complements*, **Contemp. Math.**, **459** (2008), 117 – 130.
111. M. Agustin Vicente, K. Langlois, Decomposition theorem and torus actions of complexity one, **Eur. J. Math.** **7** (2021), pag. 163 – 204
Citeaza: S. Cappell, L. Maxim, J. Shaneson, *Hodge genera of algebraic varieties. I.*, **Comm. Pure Appl. Math.** **61** (2008), pag. 422 – 449.
112. K. Chung, Y. Yoon, Intersection cohomology of pure sheaf spaces using Kirwan’s desingularization, **J. Geom. Phys.** **160** (2021), Paper No. 103992, 14 pp.
Citeaza: S. Cappell, L. Maxim, J. Shaneson, *Hodge genera of algebraic varieties. I.*, **Comm. Pure Appl. Math.** **61** (2008), pag. 422 – 449.
113. E. Elduque, L. Maxim, Higher-order degrees of affine plane curve complements, **Indiana Univ. Math. J.** **70** (2021), pag. 179 – 211
Citeaza: C. Leidy, L. Maxim, *Higher-order Alexander invariants of plane algebraic curves*, **Int. Math. Res. Not.** **2006** (2006), Art. ID 12976, 23 pp.
114. Y. Liu, L. Maxim, B. Wang, Topology of subvarieties of complex semi-abelian varieties, **Int. Math. Res. Not. IMRN** **2021** (2021), pag. 11169 – 11208
Citeaza: L. Maxim, *Intersection homology and Alexander modules of hypersurface complements*, **Comm. Math. Helv.** **81** (2006), pag. 123 – 155.
115. M.S. Verbitsky, V. Vuletescu, L. Ornea, Classification of non-Kaehler surfaces and locally conformally Kaehler geometry, **Russian Math. Surveys** **76** (2021) (2)
Citează: V. Brînzănescu *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lect. Notes in Math. Vol. 1624** (1996), Springer
116. M.S. Verbitsky, V. Vuletescu, L. Ornea, Classification of non-Kaehler surfaces and locally conformally Kaehler geometry, **Russian Math. Surveys** **76** (2021) (2)
Citează: V. Brînzănescu *Neron-Severi group for nonalgebraic elliptic surfaces II, Non-Kaehlerian case*, **Manuscripta Math.** **84** (1994), pag. 415 – 420
117. M.S. Verbitsky, V. Vuletescu, L. Ornea, Classification of non-Kaehler surfaces and locally conformally Kaehler geometry, **Russian Math. Surveys** **76** (2021)
Citează: V. Brînzănescu, P. Flondor *Holomorphic 2-vector bundles on nonalgebraic 2-tori*, **J. Reine Angew. Math.**, **363** (1985), pag. 47 – 58
118. M.S. Verbitsky, V. Vuletescu, L. Ornea, Classification of non-Kaehler surfaces and locally conformally Kaehler geometry, **Russian Math. Surveys** **76** (2021) (2)
Citează: V. Brînzănescu, P. Flondor *Quadratic intersection form and 2-vector bundles on nonalgebraic surfaces*, **Proc. Conf. Alg. Geom. Berlin 1985**, **Band 92** (1986), Teubner
119. A. Dobrogowska, K. Wojcechowicz, Linear Bundle of Lie Algebras Applied to the Classification of Real Lie Algebras, **Symmetry** **13**, (2021), pag. 1455 –
Citează: A. Bloch, V. Brînzănescu, A. Iserles, J. Marsden, T. Ratiu *A class of integrable flows on the space of symmetric matrices*, **Commun. Math. Phys.** **290** (2009), pag. 399 – 435

120. S. Misra, N. Ray, On ampleness of vector bundles, **C. R. Math.** **359** (2021), (6), pag. 763 – 772
Citează: V. Brinzaescu *Algebraic 2-vector bundles on ruled surfaces*, **Ann. Univ. Ferrara - Sez. VII - Sc. Mat., vol. XXXVII** (1991), pag. 55 – 64
121. S-Y. Kim, D. Zaitsev, Triangular resolutions and effectiveness for holomorphic subelliptic multipliers, **Adv. Math.** **387** (2021), 107803
Citează: V. Brinzaescu, A. Nicoară *On the relationship between D'Angelo q-type and Catlin q-type*, **J. Geom. Anal.** **25** (2015), pag. 1701 – 1719
122. Oren Becker, Jonathan Mosheiff, Abelian Groups Are Polynomially Stable, **Int. Math. Res. Not. IMRN** (2021), 2021, Pages 15574-15632
Citează: L. Păunescu *Almost commuting permutations are near commuting permutations*, **J. Funct. Anal.** **269** 2015, Pages 745-757
123. Scott Atkinson, Srivatsav Kunawalkam Elayavalli, On Ultraproduct Embeddings and Amenability for Tracial von Neumann Algebras, **Int. Math. Res. Not. IMRN** (2021), Volume 2021, Pages 2882-2918
Citează: L. Păunescu *Almost commuting permutations are near commuting permutations*, **J. Funct. Anal.** **269** 2015, Pages 745-757
124. Gabor Elek, Lukasz Grabowski, Almost commuting matrices with respect to the rank metric, **Groups Geom. Dyn.** (2021), DOI 10.4171/GGD/623
Citează: L. Păunescu *Almost commuting permutations are near commuting permutations*, **J. Funct. Anal.** **269** 2015, Pages 745-757
125. A. Ioana, On sofic approximations of $\mathbb{F}_2 \times \mathbb{F}_2$, **Ergodic Th. Dynamical Syst.** (2021), DOI 10.1017/etds.2021.29
Citează: L. Păunescu *Almost commuting permutations are near commuting permutations*, **J. Funct. Anal.** **269** 2015, Pages 745-757
126. Gabor Elek, Lukasz Grabowski, Almost commuting matrices with respect to the rank metric, **Groups Geom. Dyn.** (2021), DOI 10.4171/GGD/623
Citează: L. Păunescu *Linear sofic groups and algebras*, **Trans. Amer. Math. Soc.** 369 2285-2310
127. M Junge, TT Scheckter, F Sukochev, A noncommutative generalisation of a problem of Steinhaus, **J. Funct. Anal.** **280** (2021)
Citează: L. Păunescu *Product between ultrafilters and applications to Connes' embedding problem*, **J. Operator Th.** **68** (2012), pp. 165-172
128. C. Gin, P. Daripa, Time-dependent injection strategies for multilayer Hele-Shaw and porous media flows, **Phys. Rev. Fluids** **6** (2021), pag. 033901 – Published 5 March 2021
Citează: P. Daripa, G Paşa, *A simple derivation of an upper bound in the presence of a viscosity gradient in three-layer Hele-Shaw flows*, **J. Stat. Mech.: Theory and Experiment** **2006** (2006), P01014 - Published 30 January 2006
129. Craig Gin and Prabir Daripa, Stability results on radial porous media and Hele-Shaw flows with variable viscosity between two moving interfaces, **IMA J. Applied Math.**

- 86** (2021), pag. 294–319
Citeaza: P. Daripa, G Paşa, *A simple derivation of an upper bound in the presence of a viscosity gradient in three-layer Hele-Shaw flows*, **J. Stat. Mech.: Theory and Experiment** **2006** (2006), P01014 - Published 30 January 2006
130. Jie Liu, Hong-ying Liu, Jing Guo, Min-Jiao Li, Lei Li & Sun Tengfei, Experimental Research on a Cyclone Air Flotation Separator for Polymer-Containing Wastewater, **Chem. Techn. Fuels Oils** **57**(2021), pag. 705–712
Citeaza: P. Daripa, G.Paşa, *An optimal viscosity profile in enhanced oil recovery by polymer*, **Int. J. Eng. Science** **42** (2004), pag. 2029-2039
131. C. Gin, P. Daripa, Time-dependent injection strategies for multilayer Hele-Shaw and porous media flows, **Phys. Rev. Fluids** **6** (2021), pag. 033901 – Published 5 March 2021
Citeaza: P. Daripa, G.Paşa, *An optimal viscosity profile in enhanced oil recovery by polymer*, **Int. J. Eng. Science** **42** (2004), pag. 2029-2039
132. S. Raza, I. D.Gates, Effect of cellulose nanocrystal nanofluid on displacement of oil in a Hele-Shaw cell, **J. Petr. Sc. Eng.** **196** (2021), pag. 108068-10879
Citeaza: P. Daripa, G.Paşa, *New bounds for stabilizing Hele-Shaw flows*, **Appl. Math. Lett.** **18** (2005), pag. 1293-1303.
133. L. Mejia, M. Mejia, C. Xie, Y. Du, A. Sultan, K. Mohanty, M. T.Balhoff, Viscous Fingering of Irreducible Water During Favorable Viscosity Two-Phase Displacements, **Adv. Water Res.** **153** (2021), pag. 103943-193956
Citeaza: P. Daripa, G. Paşa, *On capillary slowdown of viscous fingering in immiscible displacement in porous media*, **Transport in Porous Media** **75**(2008), pag. 1–16
134. A. Ghosh, V. A. Kozlov, S. A. Nazarov, Modified Reynolds Equation for Steady Flow Through a Curved Pipe, **J. Math. Fluid Mech.** **23** (2021), Article number: 29
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **ZAMM-Zeit. Angew. Math. Mechanik** **88** (2008), pag. 793 – 807
135. F. J. Suarez-Grau, Mathematical modeling of micropolar fluid flows through a thin porous medium, **J. Eng. Math.** **126** (2021), Article number: 7
Citează: D. Dupuy, G. P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **ZAMM-Zeit. Angew. Math. Mechanik** **88** (2008), pag. 793 – 807
136. S. G. Pyatkov, On evolutionary inverse problems for mathematical models of heat and mass transfer, **Bull. South Ural State Univ. Series – Math. Modelling Progr. Computer Software** **14** (2021), pag. 5 – 25
Citează: A. Capatina, R. Stavre *A control problem in biconvective flow*, **J. Math. Kyoto Univ.** **37** (1997), pag. 585 – 595
137. M. Bukal, B. Muha, Rigorous derivation of a linear sixth-order thin-film equation as a reduced model for thin fluid-thin structure interaction problems, **Appl. Math. Opt.** **84** (2021), pag. 2245 – 2288

- Citeaza:* G. P. Panasenko, R. Stavre *Viscous Fluid-Thin Elastic Plate Interaction: Asymptotic Analysis with Respect to the Rigidity and Density of the Plate*, **Appl. Math. Opt.** **81** (2020), pag. 141 – 191
138. M. Bukal, B. Muha, Rigorous derivation of a linear sixth-order thin-film equation as a reduced model for thin fluid-thin structure interaction problems, **Appl. Math. Opt.** **84** (2021), pag. 2245 – 2288
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
139. F.J. Suarez-Grau, Analysis of the roughness regimes for micropolar fluids via homogenization, **Bull. Malaysian Math. Sc. Soc.** **44** (2021), pag. 1613 – 1652
Citează: D. Dupuy, G.P. Panasenko, R. Stavre *Asymptotic solution for a micropolar flow in a curvilinear channel*, **ZAMM-Zeit. Angew. Math. Mechanik** **88** (2008), pag. 793 – 807
140. M. Bukal, B. Muha, *A Review on Rigorous Derivation of Reduced Models for Fluid–Structure Interaction Systems*, **Waves in Flows**, editori: T. Bodnár, G. P. Galdi, Š. Nečasová, Birkhäuser (2021), pag. 203 – 237
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
141. M. Bukal, B. Muha, *A Review on Rigorous Derivation of Reduced Models for Fluid–Structure Interaction Systems*, **Waves in Flows**, editori: T. Bodnár, G. P. Galdi, Š. Nečasová, Birkhäuser (2021), pag. 203 – 237 ISBN: 9783030681432, 3030681432
Citează: G.P. Panasenko, R. Stavre *Asymptotic analysis of a viscous fluid-thin plate interaction: Periodic flow*, **Math. Models Meth. Appl. Sc.s** **24** (2014), pag. 1781 – 1822
142. J. Orlik, M. Krier, D. Neusius, K. Pietsch, O. Sivak, K. Steiner, *Recent Efforts in Modeling and Simulation of Textiles*, **Textiles** **1** (2021), pag. 322 – 336
Citează: J. Orlik, G.P. 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
143. L. Leuştean, P. Pinto, Quantitative results on a Halpern-type proximal point algorithm, **Comput. Opt. Appl.** **79** (2021), pag. 101–125.
Citează: U. Kohlenbach, A. Sipoş, *The finitary content of sunny nonexpansive retractions*, **Comm. Contemp. Math.** **23** (2021), 19550093 [63 pag.].
144. L. Leuştean, P. Pinto, Quantitative results on a Halpern-type proximal point algorithm, **Comput. Opt. Appl.** **79** (2021), pag. 101–125.
Citează: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553–577.
145. L. Leuştean, P. Pinto, Quantitative results on a Halpern-type proximal point algorithm, **Comput. Opt. Appl.** **79** (2021), pag. 101–125.
Citează: L. Leuştean, A. Sipoş, *An application of proof mining to the proximal point algorithm in CAT(0) spaces*, in: A. Bellow, C. Calude, T. Zamfirescu (eds.), **Mathematics**

Almost Everywhere. In Memory of Solomon Marcus (2018), World Sci. Publ., 2018, pag. 153–168.

146. L. Leuştean, P. Pinto, Quantitative results on a Halpern-type proximal point algorithm, **Comput. Opt. Appl.** **79** (2021), pag. 101–125.
Citează: L. Leuştean, A. Sipoş, *Effective strong convergence of the proximal point algorithm in CAT(0) spaces*, **J. Nonlinear Var. Anal.** **2** (2018), pag. 219–228.
147. P. Pinto, A rate of metastability for the Halpern type Proximal Point Algorithm, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 320–343.
Citează: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553–577.
148. P. Pinto, A rate of metastability for the Halpern type Proximal Point Algorithm, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 320–343.
Citează: L. Leuştean, A. Sipoş, *An application of proof mining to the proximal point algorithm in CAT(0) spaces*, in: A. Bellow, C. Calude, T. Zamfirescu (eds.), **Mathematics Almost Everywhere. In Memory of Solomon Marcus** (2018), World Sci. Publ., 2018, pag. 153–168.
149. P. Pinto, A rate of metastability for the Halpern type Proximal Point Algorithm, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 320–343.
Citează: L. Leuştean, A. Sipoş, *Effective strong convergence of the proximal point algorithm in CAT(0) spaces*, **J. Nonlinear Var. Anal.** **2** (2018), pag. 219–228.
150. D. Hernest, T. Trifonov, Modal Functional (“Dialectica”) Interpretation, **Logical Meth. Computer Sci.** **17** (2021), pag. 3:1–3:29.
Citează: A. Sipoş, *Rates of metastability for iterations on the unit interval*, **J. Math. Anal. Appl.** **502** (2021), 125235 [11 pag.].
151. T. Cochrane, M.J. Mossinghoff, C. Pinner, C.J. Richardson, A generalization of the Goresky-Klapper conjecture, Part II, **Exp. Math.** **30** (2021), pag. 209 – 220
Citează: E. Alkan, F. Stan, A. Zaharescu, *Lehmer k-tuples*, **Proc. Amer. Math. Soc.** **134** (2006), no. 10, pag. 2807 – 2815
152. A. Schopieray, Norm, trace, and formal codegrees of fusion categories, **J. Algebra** **568** (2021), pag. 362 – 385
Citează: F. Stan, A. Zaharescu *Siegel’s trace problem and character values of finite groups*, **J. Reine Angew. Math.** **637** (2009), pag. 217 – 234
153. O. Esen, S. Sutlu, Matched pair analysis of the Vlasov plasma, **J. Geom. Mechanics** **13** (2021), pag. 209 – 246
Citează: A.L Agore, G. Militaru *Extending structures for Lie algebras*, **Monatsh. Math.** **174** (2014), pag. 169 – 193
154. R.X. Zhang, Representations of omega-Lie algebras and tailed derivations of Lie algebras, **Int. J. Algebra Comp.** **31** (2021), pag. 325 – 339
Citează: A.L Agore, G. Militaru *Extending structures for Lie algebras*, **Monatsh. Math.** **174** (2014), pag. 169 – 193

155. Y. Bi, H. Fan, Higher nonabelian omni-Lie algebroids, **J. Geom. Phys.** **167** (2021), 104277
Citează: A.L Agore, G. Militaru *Unified products for Leibniz algebras. Applications,* **Linear Algebra Appl.** **439** (2021), pag. 609 – 2633
156. Y.Y. Hong, Classifying complements for conformal algebras, **Comm. Algebra** **49** (2021), pag. 3369 – 3379
Citează: A.L Agore, G. Militaru *Unified products for Leibniz algebras. Applications,* **Linear Algebra Appl.** **439** (2021), pag. 609 – 2633
157. Y.Y. Hong, L.M. Yuan, Unified products of Leibniz conformal algebras, **Comm. Algebra** **49** (2021), pag. 2074 – 2090
Citează: A.L Agore, G. Militaru *Unified products for Leibniz algebras. Applications,* **Linear Algebra Appl.** **439** (2021), pag. 609 – 2633
158. Y.Y. Hong, Classifying complements for conformal algebras, **Comm. Algebra** **49** (2021), pag. 3369 – 3379
Citează: A.L. Agore, G. Militaru *Classifying complements for Hopf algebras and Lie algebras,* **J. Algebra** **391** (2013), pag. 193 – 208
159. E.K. Cetinalp, E.G. Karpuz, Crossed product of infinite groups and complete rewriting systems, **Turk. J. Math.** **45** (2021), pag. 410 – 422
Citează: A.L. Agore, G. Militaru *Crossed product of groups. Applications,* **Arab. J. Sci. Eng.** **(33)** (2008), pag. 1–18.
160. E.K. Cetinalp, E.G. Karpuz, Crossed product of infinite groups and complete rewriting systems, **Turk. J. Math.** **45** (2021), pag. 410 – 422
Citează: A.L. Agore, D. Fratila *Crossed product of cyclic groups,* **Czech. Math. J.** **(60)** (2010), pag. 889–901.
161. F. Ates, A.S. Cevik, E.G. Karpuz, On the geometry of the crossed product of groups, **Bull. Korean Math. Soc.** **58** (2021), pag. 1301 – 1314
Citează: A.L. Agore, G. Militaru *Crossed product of groups. Applications,* **Arab. J. Sci. Eng.** **(33)** (2008), pag. 1–18.
162. F. Ates, A.S. Cevik, E.G. Karpuz, On the geometry of the crossed product of groups, **Bull. Korean Math. Soc.** **58** (2021), pag. 1301 – 1314
Citează: A.L. Agore, D. Fratila *Crossed product of cyclic groups,* **Czech. Math. J.** **(60)** (2010), pag. 889–901.
163. U. So, Green's relations on ternary semihypergroups and crossed hyperproduct of hypergroup, **Asian-European J. Math.** **14** (2021), pag. 2150119
Citează: A.L. Agore, G. Militaru *Crossed product of groups. Applications,* **Arab. J. Sci. Eng.** **(33)** (2008), pag. 1–18.
164. U. So, Green's relations on ternary semihypergroups and crossed hyperproduct of hypergroup, **Asian-Eur. J. Math.** **14** (2021), pag. 2150119
Citează: A.L. Agore, D. Fratila *Crossed product of cyclic groups,* **Czechoslovak Math. J.** **(60)** (2010), pag. 889–901.

165. F. Ates, A. Emin, Some new results on the orthodox, strongly π -inverse and π -regularity of some monoids, **Bull. Int. Math. Virtual Inst.** **11** (2021), pag. 463 – 472
Citează: A.L. Agore, G. Militaru *Crossed product of groups. Applications*, **Arab. J. Sci. Eng.** **(33)** (2008), pag. 1–18.
166. F. Ates, A. Emin, Some new results on the orthodox, strongly π -inverse and π -regularity of some monoids, **Bull. Int. Math. Virtual Inst.** **11** (2021), pag. 463 – 472
Citează: A.L. Agore, D. Frățilă *Crossed product of cyclic groups*, **Czechoslovak Math. J.** **(60)** (2010), pag. 889–901.
167. K. Emir, The Moore complex of a simplicial cocommutative Hopf algebra , **Theory Appl. Cat.** **37** (2021), pag. 189 – 226
Citează: A.L. Agore *Limits of coalgebras, bialgebras and Hopf algebras* **Proc. Amer. Math. Soc.** **139** (2011), pag. 855–863.
168. K. Emir, The Moore complex of a simplicial cocommutative Hopf algebra , **Theory Appl. Cat.** **37** (2021), pag. 189 – 226
Citează: A.L. Agore, G. Militaru *Galois Groups and Group Actions on Lie Algebras*, **J. Lie Theory** **28** (2018), pag. 1165–1188.
169. R. Lal, V. Kakkar, Classifying gyrotransversals in groups, **Asian-Eur. J. Math.** **14** (2021), pag. 2150182
Citează: A.L. Agore, G. Militaru *Classifying complements for groups. Applications*, **Ann. Inst. Fourier** **65** (2015), pag. 1349–1365.
170. C.E. Haliya, G.D. Houndedji, Hom-Jacobi-Jordan and Hom-antiassociative algebras with symmetric invariant nondegenerate bilinear forms, **Quasigroups Related Syst.** **29** (2021), pag. 61 – 88
Citează: A.L. Agore, G. Militaru *On a type of commutative algebras*, **Linear Algebra Appl.** **485** (2015), pag. 222-249.
171. A. Baklouti, S Benayadi, Symplectic Jacobi-Jordan algebras, **Linear Multilinear Algebra** **69** (2021), pag. 1557 – 1578
Citează: A.L. Agore, G. Militaru *On a type of commutative algebras*, **Linear Algebra Appl.** **485** (2015), pag. 222-249.
172. A. Baklouti, S Benayadi, Symplectic Jacobi-Jordan algebras, **Linear Multilinear Algebra** **69** (2021), pag. 1557 – 1578
Citează: A.L. Agore *Classifying complements for associative algebras*, **Linear Algebra Appl.** **446** (2014), pag. 345-355.
173. Y.Y. Hong, Classifying complements for conformal algebras, **Comm. Algebra** **49** (2021), pag. 3369 – 3379
Citează: A.L. Agore *Classifying complements for associative algebras*, **Linear Algebra Appl.** **446** (2014), pag. 345-355.
174. V. Gubarev, Unital decompositions of the matrix algebra of order three, **Comm. Algebra** **49** (2021), pag. 4980 – 5005
Citează: A.L. Agore *Classifying complements for associative algebras*, **Linear Algebra Appl.** **446** (2014), pag. 345-355.

175. V. Gubarev, Unital decompositions of the matrix algebra of order three, **Comm. Algebra** **49** (2021), pag. 4980 – 5005
Citează: A.L. Agore *The maximal dimension of unital subalgebras of the matrix algebra*, **Forum Math.** **29** (2017), pag. 1–5.
176. V. Gubarev, Rota-Baxter operators on unital algebras, **Mosc. Math. J.** **21** (2021), pag. 325 – 364
Citează: A.L. Agore *The maximal dimension of unital subalgebras of the matrix algebra*, **Forum Math.** **29** (2017), pag. 1–5.
177. Blum, H.; Liu, Y., The normalized volume of a singularity is lower semicontinuous. **J. Eur. Math. Soc.** **23** (2021), no. 4, 1225 – 1256
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not.** **14** (2016), pag. 4418 – 4448
178. Birkar, C., Singularities of linear systems and boundedness of Fano varieties. **Ann. Math.** **193** (2021), 347 – 405
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not. IMRN** **14** (2016), pag. 4418 – 4448
179. Liu, Y.; Zhuang, Z., Birational superrigidity and K-stability of singular Fano complete intersections. **Int. Math. Res. Not. IMRN** (2021), no. 1, 384 – 403
Citează: Ambro F., *Variation of Log Canonical Thresholds in Linear Systems*, **Int. Math. Res. Not. IMRN** **14** (2016), pag. 4418 – 4448
180. Liu, J.; Xiao, L., An optimal gap of minimal log discrepancies of threefold non-canonical singularities. **J. Pure Appl. Algebra** **225** (2021), no. 9, 106674, 23 pp.
Citează: Ambro F., *The set of toric minimal log discrepancies*, **Cent. Eur. J. Math.** **4 (3)** (2006), 358 – 370
181. Birkar, C., Generalised pairs in birational geometry. **EMS Surv. Math. Sci.** **8** (2021), no. 1-2, 5 – 24
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403
182. Yoshikawa, S., Structure of Fano fibrations of varieties admitting an int-amplified endomorphism. **Adv. Math.** **391** (2021), Paper No. 107964, 32 pp
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403
183. Moraga, J., Fano-type surfaces with large cyclic automorphisms. **Forum Math. Sigma** **9** (2021), Paper No. e54, 27 pp
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403
184. Di Cerbo, G.; Svaldi, R., Birational boundedness of low-dimensional elliptic Calabi-Yau varieties with a section. **Compos. Math.** **157** (2021), 1766 – 1806
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403

185. Cascini, P.; Spicer, C., MMP for co-rank one foliations on threefolds. **Invent. Math.** **225** (2021), 603 – 690
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403
186. Greb, D.; Kebekus, S.; Peternell, T., Projectively flat klt varieties. **J. Éc. Polytech. Math.** **8** (2021), 1005 – 1036
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403
187. Druel, S., Codimension 1 foliations with numerically trivial canonical class on singular spaces. **Duke Math. J.** **170** (2021), 95 – 203
Citează: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Compos. Math.** **141** (2005), 385 – 403
188. Di Cerbo, G.; Svaldi, R., Birational boundedness of low-dimensional elliptic Calabi-Yau varieties with a section. **Compos. Math.** **157** (2021), no. 8, 1766 – 1806
Citează: Ambro F., *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), 229 – 255
189. Chen, H.-K., Threefolds of Kodaira dimension one. **Ann. Sc. Norm. Super. Pisa Cl. Sci. (5)** **22** (2021), 745 – 776
Citează: Ambro F., *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), 229 – 255
190. Cascini, P.; Spicer, C., MMP for co-rank one foliations on threefolds. **Invent. Math.** **225** (2021), 603 – 690
Citează: Ambro F., *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), 229 – 255
191. Nakamura, Y., Dual complex of log Fano pairs and its application to Witt vector cohomology. **Int. Math. Res. Not.** (2021), no. 13, 9802 – 9833
Citează: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **240** (2003), 214 – 233
192. Chen, G.; Han, J., Boundedness of (epsilon,n)-complements for surfaces. **Adv. Math.** **383** (2021), Paper No. 107703, 40 pp.
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **6 (5-6)** (1999), 573 – 580
193. Blum, H., On divisors computing mld's and lct's. **Bull. Korean Math. Soc.** **58** (2021), no. 1, 113 – 132
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **6** (1999), 573 – 580
194. Mallory, D., Minimal log discrepancies of determinantal varieties via jet schemes. **J. Pure Appl. Algebra** **225** (2021), no. 2, Paper No. 106497, 24 pp
Citează: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **6** (1999), 573 – 580

195. M. Kemeny, Universal secant bundles and syzygies of canonical curves, **Invent. Math.** **223** (2021), pag. 995 – 1026
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lecture Series 62** (2010), Amer. Math. Soc., Providence RI
196. M. Kemeny, Universal secant bundles and syzygies of canonical curves, **Invent. Math.** **223** (2021), pag. 995 – 1026
Citează: M. Aprodu, G. Farkas, *Green's conjecture for curves on arbitrary K3 surfaces*, **Compos. Math.** **147** (2011), pag. 839 – 851
197. M. Kemeny, Universal secant bundles and syzygies of canonical curves, **Invent. Math.** **223** (2021), pag. 995 – 1026
Citează: M. Aprodu, G. Farkas, S. Papadima, C. Raicu, J. Weyman, *Koszul modules and Green's conjecture*. **Invent. Math.** **218** (2019), pag. 657 – 720
198. A. Lemmens, On syzygies of Segre embeddings of $P^1 \times P^1$, **Comm. Algebra** **49** (2021) pag. 1235 – 1254
Citează: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **Univ. Lecture Series 62** (2010), Amer. Math. Soc., Providence RI
199. M. Galeotti, Birational geometry of moduli of curves with an S_3 -cover, **Adv. Math.** **389** (2021) pag. 107898
Citează: M. Aprodu, G. Farkas, *Koszul cohomology and applications to moduli*, **Clay Math. Proc., AMS**, **14**, (2011) pag. 25 – 50
200. F. Liu, B. Osserman, M. Teixidor i Bigas, N. Zhang, Limit linear series and ranks of multiplication maps, **Trans. Amer. Math. Soc.** **374** (2021), pag. 367 – 405
Citează: M. Aprodu, G. Farkas, *Koszul cohomology and applications to moduli*, **Clay Math. Proc., AMS**, **14**, (2011) pag. 25 – 50
201. E. Cotterill, A. Gonzalo, N. Zhang, The Strong Maximal Rank conjecture and higher rank Brill–Noether theory, **J. London Math. Soc.** **104** (2021) pag. 169 – 205
Citează: M. Aprodu, G. Farkas, *Koszul cohomology and applications to moduli*, **Clay Math. Proc., AMS**, **14**, (2011) pag. 25 – 50
202. M. Hoff, A. Knutsen, Brill-Noether general K3 surfaces with the maximal number of elliptic pencils of minimal degree, **Geom. Dedicata** **213** (2021), pag. 1 – 20
Citează: M. Aprodu, G. Farkas, A. Ortega, *Restricted Lazarsfeld–Mukai bundles and canonical curves* **Advanced Studies in Pure Mathematics (Math. Soc. Japan)** **69, Development of Moduli Theory, volume on the occasion of Mukai's 60th birthday** (2016) pag. 303 – 322
203. M. Hoff, A. Knutsen, Brill-Noether general K3 surfaces with the maximal number of elliptic pencils of minimal degree, **Geom. Dedicata** **213** (2021), pag. 1 – 20
Citează: M. Aprodu, *Lazarsfeld–Mukai bundles and applications*, in: **Commutative Algebra** (Springer, New York, 2013), pag. 1 – 23
204. H. Cobo, H. Mourtada, Jet schemes of quasi-ordinary singularities, **Nagoya Math. J.** **242** (2021), pag. 77 – 164
Citează: M. Aprodu, D. Naie, *Enriques diagrams and log-canonical thresholds of curves on smooth surfaces*, **Geom. Dedicata** **146** (2010), pag. 43 – 66

205. A. J. Parameswaran, P. Narayanan, Ulrich line bundles on double planes, **J. Algebra** **583** (2021), pag. 187 – 208
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
206. A. J. Parameswaran, P. Narayanan, Ulrich line bundles on double planes, **J. Algebra** **583** (2021), pag. 187 – 208
Citează: M. Aprodu, L. Costa, R. M. Miró-Roig, *Ulrich bundles on ruled surfaces* **J. Pure Appl. Algebra** **222** (2018), pag. 131 – 138
207. A. J. Parameswaran, P. Narayanan, Ulrich line bundles on double planes, **J. Algebra** **583** (2021), pag. 187 – 208
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
208. L. Costa, R. M. Miró-Roig, J. Pons-Llopis, Ulrich Bundles, **De Gruyter Studies in Mathematics** **77** (2021) ISBN 978-3-11-064540-8
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
209. L. Costa, R. M. Miró-Roig, J. Pons-Llopis, Ulrich Bundles, **De Gruyter Studies in Mathematics** **77** (2021) ISBN 978-3-11-064540-8
Citează: M. Aprodu, L. Costa, R. M. Miró-Roig, *Ulrich bundles on ruled surfaces* **J. Pure Appl. Algebra** **222** (2018), pag. 131 – 138
210. L. Costa, R. M. Miró-Roig, J. Pons-Llopis, Ulrich Bundles, **De Gruyter Studies in Mathematics** **77** (2021) ISBN 978-3-11-064540-8
Citează: M. Aprodu, *Lazarsfeld–Mukai bundles and applications*, in: **Commutative Algebra** (Springer, New York, 2013), pag. 1 – 23
211. L. Costa, R. M. Miró-Roig, J. Pons-Llopis, Ulrich Bundles, **De Gruyter Studies in Mathematics** **77** (2021) ISBN 978-3-11-064540-8
Citează: M. Aprodu, G. Casnati, L. Costa, R. M. Miró-Roig, M. Teixidor, *Theta divisors and Ulrich bundles on Geometrically ruled surfaces*, **Ann. Matematica Pura Appl.** **199** (2020), pag. 199 – 216.
212. L. Costa, R. M. Miró-Roig, J. Pons-Llopis, Ulrich Bundles, **De Gruyter Studies in Mathematics** **77** (2021) ISBN 978-3-11-064540-8
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
213. V. Antonelli, Characterization of Ulrich bundles on Hirzebruch surfaces, **Rev. Matemática Compl.** **34**, (2021) pag. 43 – 74
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
214. V. Antonelli, Characterization of Ulrich bundles on Hirzebruch surfaces, **Rev. Matemática Compl.** **34**, (2021) pag. 43 – 74
Citează: M. Aprodu, L. Costa, R. M. Miró-Roig, *Ulrich bundles on ruled surfaces* **J. Pure Appl. Algebra** **222** (2018), pag. 131 – 138

215. V. Antonelli, Characterization of Ulrich bundles on Hirzebruch surfaces, **Rev. Matemática Compl.** **34**, (2021) pag. 43 – 74
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
216. M. L. Fania, M. Lelli-Chiesa, J. Pons-Llopis, Ulrich Bundles on Three-Dimensional Scrolls, **Int. Math. Res. Not.** **17** (2021), pag. 13478 – 13507
Citează: M. Aprodu, L. Costa, R. M. Miró-Roig, *Ulrich bundles on ruled surfaces* **J. Pure Appl. Algebra** **222** (2018), pag. 131 – 138
217. A. F. Lopez, On the existence of Ulrich vector bundles on some irregular surfaces **Proc. Amer. Math. Soc.** **149** (2021), pag 13 – 26
Citează: M. Aprodu, L. Costa, R. M. Miró-Roig, *Ulrich bundles on ruled surfaces* **J. Pure Appl. Algebra** **222** (2018), pag. 131 – 138
218. A. F. Lopez, On the existence of Ulrich vector bundles on some irregular surfaces **Proc. Amer. Math. Soc.** **149** (2021), pag 13 – 26
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
219. Ch. Corbier, Q-Information Geometry of Systems, In: Nielsen F., Barbaresco F. (eds) **Geometric Science of Information. GSI 2021. Lecture Notes in Computer Science, vol 12829**. Springer, Cham (2021), pag. 137-144
Citează: M. A. Aprodu, M. Aprodu, *Holomorphic vector bundles on Kaehler manifolds and totally geodesic foliations on Euclidean open domains*, **Diff. Geom. Appl.** **39** (2015), pag. 10 – 19
220. Pandey, Vaibhav. *Cohomological dimension of ideals defining Veronese subrings*. **Proc. Amer. Math. Soc.** **149** (2021), 1387–1393.
Citează: Raicu, Claudiu. *Characters of equivariant \mathcal{D} -modules on Veronese cones*, **Trans. Amer. Math. Soc.** **369**, 2087–2108, 2017.
221. Hartshorne, Robin; Polini, Claudia. *Simple \mathcal{D} -module components of local cohomology modules*. **J. Algebra** **571** (2021), 232–257.
Citează: Raicu, Claudiu. *Characters of equivariant \mathcal{D} -modules on Veronese cones*, **Trans. Amer. Math. Soc.** **369**, (2017) 2087–2106.
222. Güntürkün, Sema. *Boij-Söderberg decompositions of lexicographic ideals*. **J. Commut. Algebra** **13** (2021), 209–234.
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**, 189–206, 2015.
223. Lőrincz, András C. *Minimal free resolutions of ideals of minors associated to pairs of matrices*. **Proc. Amer. Math. Soc.** **149** (2021), 1857–1873.
Citează: Brown, Michael K.; Huang, Hang; Laudone, Robert P.; Perlman, Michael; Raicu, Claudiu; Sam, Steven V.; Santos, João. *Computing Schur complexes*, **J. Softw. Algebra Geom.** **9**, 111–119, 2019.

224. Oeding, Luke; Raicu, Claudiu; Sam, Steven V. *On the (non-)vanishing of syzygies of Segre embeddings.* **Algebr. Geom.** **6** (2019), 571–591.
Citeaza: Lemmens, Alexander. *On syzygies of Segre embeddings of $\mathbb{P}^1 \times \mathbb{P}^1$.* **Comm. Algebra** **49** (2021), 1235–1254.
225. B. Amaziane, M. Jurak, L. Pankratov, A. Piatnitski, Homogenization of nonisothermal immiscible incompressible two-phase flow in double porosity media, **Nonlinear Analysis: Real World Applications** **61** (2021), pag. –
Citeaza: H.I. Ene , D. Poliševki *Model of diffusion in partially fissured media,* **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052–1059
226. J.I. Díaz, D. Gómez-Castro, T. A. Shaposhnikova - Nonlinear Reaction-Diffusion Processes for Nanocomposites: Anomalous Improved Homogenization, (2021), 179 pages
Citeaza: F. Bentalha, I. Gruais and D. Poliševki - *Diffusion in a highly rarefied binary structure of general periodic shape,* **Appl. Anal.** **87** (2008), pag. 635–655
227. E. Kosari, K. Vafai, Synthesis of Flow and Thermal Transport in Porous Media as Applied to Biological Applications, **J. Heat Transfer** **143(6)** (2021), pag. 100 – 112
Citeaza: H.I. Ene , D. Poliševki, *Thermal Flow in Porous Media,* **Springer** (1987), 208 pages
228. V. Guerriero, S. Mazzoli, Theory of Effective Stress in Soil and Rock and Implications for Fracturing Processes: A Review, **Geosciences** **11** (2021), pag. 119 – 154
Citeaza: H.I. Ene , D. Poliševki, *Thermal Flow in Porous Media,* **Springer** (1987), 208 pages
229. S. Konica, T. Sain, A reaction-driven evolving network theory coupled with phase-field fracture to model polymer oxidative aging, **J. Mech. Phys. Solids** **150** (2021), 104347, ISSN 0022-5096
Citează: M. Buliga, *Energy minimizing brittle crack propagation,* **J. Elasticity** **52** (1999), pag. 201 – 238
230. N. Moës; N. Chevaugeon. Lipschitz regularization for softening material models: the Lip-field approach. **C. R. Mécanique** **349** (2021), pag. 415 – 434
Citează: M. Buliga, *Energy minimizing brittle crack propagation,* **J. Elasticity** **52** (1999), pag. 201 – 238
231. J. Ulloa, R. Alessi, J. Wambacq, G. Degrande, S. François, On the variational modeling of non-associative plasticity, **Inter. J. Solids Struct.,217–218** (2021), pag. 272 – 296
Citează: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws,* **J. Convex Anal.,** **15** (2008), pag. 87–104
232. Lightfield, C. Logics for algorithmic chemistries, **Found. Chem.** **23** (2021), pag. 225 – 237
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)

233. Lance R. Williams, Increased Complexity and Fitness of Artificial Cells that Reproduce Using Spatially Distributed Asynchronous Parallel Processes, **Proc. ALIFE 2021: The 2021 Conference on Artificial Life** (2021), A. Online. (pp. 72). *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)
234. X. Cao, A. Oueslati, N. Shirafkan, F. Bamer, B. Markert, G. de Saxcé, A non-incremental numerical method for dynamic elastoplastic problems by the symplectic Brezis–Ekeland–Nayroles principle, **Comp. Meth. Appl.Mech. Eng.** . **384** (2021), 113908
Citează: M. Buliga, G. de Saxcé, *A symplectic Brezis-Ekeland-Nayroles principle*, **Math. Mecha. Solids** **22** (2017), pag. 1288–1302
235. Xiaodan Cao, Abdelbacet Oueslati, Géry de Saxcé, A non-incremental approach for elastoplastic plates basing on the Brezis-Ekeland-Nayroles principle, **Appl. Math. Modelling**, **99** (2021), pag 359 – 379
Citează: M. Buliga, G. de Saxcé, *A symplectic Brezis-Ekeland-Nayroles principle*, **Math. Mech. Solids** **22** (2017), pag. 1288–1302
236. Vladimir Salnikov, Aziz Hamdouni and Daria Loziienko, Generalized and graded geometry for mechanics: a comprehensive introduction, **Math. Mech. Complex Syst.**, **9** (2021), pag 59 – 75
Citează: M. Buliga, G. de Saxcé, *A symplectic Brezis-Ekeland-Nayroles principle*, **Math. Mech. Solids** **22** (2017), pag. 1288–1302
237. Cao X., Oueslati A., Nguyen A.D., Stoffel M., Market B., de Saxcé G. Numerical Method for Quasi-static and Dynamic Elastoplastic Problems by Symplectic Brezis-Ekeland-Nayroles Non-incremental Principle. In: Pisano A., Spiliopoulos K., Weichert D. (eds) **Direct Methods. Lecture Notes in Applied and Computational Mechanics**, vol **95**. Springer, Cham. (2021)
Citează: M. Buliga, G. de Saxcé, *A symplectic Brezis-Ekeland-Nayroles principle*, **Math. Mecha. Solids** **22** (2017), pag. 1288–1302
238. J. Ulloa, R. Alessi, J. Wambacq, G. Degrande, S. François, On the variational modeling of non-associative plasticity, **Int. J. Solids Str.**, **217–218** (2021), pag. 272 – 296
Citează: M. Buliga, G. de Saxcé, C. Vallée, *A variational formulation for constitutive laws described by bipotentials*, **Math. Mech. Solids** **18** (2013), pag. 78–90
239. X. Cao, A. Oueslati, N. Shirafkan, F. Bamer, B. Markert, G. de Saxcé, A non-incremental numerical method for dynamic elastoplastic problems by the symplectic Brezis–Ekeland–Nayroles principle, **Comp. Meth. Applied Mech. Eng.** **384** (2021), 113908
Citează: M. Buliga, *Hamiltonian inclusions with convex dissipation with a view towards applications*, **Math. Appl.** **1** (2009), pag. 228–251
240. N. Moës; Nicolas Chevaugeon. Lipschitz regularization for softening material models: the Lip-field approach. **C. R. Mécanique**, **349** (2021), pag. 415 – 434
Citează: M. Buliga, *Hamiltonian inclusions with convex dissipation with a view towards applications*, **Math. Appl.** **1** (2009), pag. 228–251

241. F. Caucci, M. Lahoz, Stability of syzygy bundles on abelian varieties, **Bull. London Math. Soc.** **53** (2021), pag. 1030 – 1036
Citează: I. Coandă, *On the stability of syzygy bundles*, **International J. Math.** **22** (2011), pag. 515 – 534
242. D. Erman, Steven V Sam, A. Snowden, Strength and Hartshorne’s conjecture in high degree, **Math. Z.** **297** (2021), pag. 1467 – 1471
Citează: I. Coandă, *A simple proof of Tyurin’s Babylonian tower theorem*, **Comm. Algebra** **40** (2012), pag. 4668 – 4672
243. Baldare, A; Come, R; (...); Nistor, V, Fredholm conditions for invariant operators: Finite abelian groups and boundary value problems, **J. Operator Theory** **85** (2021), pag. 229-256
Citează: Măntoiu, M and Purice, R *The magnetic Weyl calculus*, **J. Math. Physics** **45** (2004), pag. 1394-1417.
244. Ignat, R and Jerrard, RL, Renormalized Energy Between Vortices in Some Ginzburg-Landau Models on 2-Dimensional Riemannian Manifolds, **Arch. Rat. Mech. Anal.** **239** (2021), pag. 1577-1666
Citează: de Monvel Berthier AB, Georgescu V, Purice R, *A boundary-value problem related to the Ginsburg-Landau model*, **Commun. Math.Physics** **142**(1991), pag. 1-23.
245. Baldare, A; Come, R; (...); Nistor, V, Fredholm conditions for invariant operators: Finite abelian groups and boundary value problems, **J. Operator Theory** **85** (2021), pag. 229-256
Citează: Măntoiu, M; Purice, R and Richard, S, *Spectral and propagation results for magnetic Schrodinger operators; A C^* -algebraic framework*, **J. Funct. Anal.** **150** (2007), pag. 42-67.
246. Baldare, Ding, YH; Dong, XJ and Guo, Q, Nonrelativistic limit and some properties of solutions for nonlinear Dirac equations, **Calc. Var. Partial Diff. Equ.** **60** (2021), Article Number. 144
Citează: Grigore, DR; Nenciu, Gh; Purice, R, *On the non-relativistic limit of the Dirac Hamiltonian*, **Ann. Inst. H.Poincaré - Phys. Th.** **51** (1989), pag. 231-263.
247. Barseghyan, D and Exner, P, Magnetic field influence on the discrete spectrum of locally deformed weaky wires, **Rep. Math. Physics** **88** (2021), pag. 47-57
Citează: Măntoiu, M and Purice, R, *Some propagation properties of the Iwatsuka model*, **Commun. Math. Physics** **188** (1997), pag. 691-708.
248. Ben-Artzi, M and Umeda, T, Spectral theory of first-order systems: From crystals to Dirac operators, **Rev. Math. Physics** **33** (2021), Article Number: 2150014
Citează: de Monvel Berthier AB, Manda, D and Purice, R, *Limiting absorption principle for the Dirac operator*, **Ann. Inst. H. Poincaré - Phys. Th.** **58** (1993), pag. 413-431.
249. Grochenig, K, New Function Spaces Associated to Representations of Nilpotent Lie Groups and Generalized Time-Frequency Analysis, **J. Lie Th.** **31** (2021), p. 659-680.
Citează: Măntoiu, M and Purice, R, *The modulation mapping for magnetic symbols and operators*, **Proc. Amer. Math. Soc.** **138** (2010), pag. 2839-2852.

250. Adachi, T; Itakura, K; (...); Skibsted, E, New methods in spectral theory of N-body Schrodinger operators, **Rev. Math. Phys.** **33** (2021), Article Number: 2150015.
Citează: de Monvel Berthier AB, Manda, D and Purice, R, *The commutator method for form-relatively compact perturbations*, **Lett. Math. Phys.****22** (1991), pag. 211-223.
251. Golovaty, D; Novack, M and Sternberg, P A one-dimensional variational problem for cholesteric liquid crystals with disparate elastic constants, **J. Diff. Eq.** **286** , pp.785-820
Citează: Majumdar, Apala, and Arghir Zarnescu. “*Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond.*” **Arch' Rat. Mech. Anal.** **196.1** (2010): 227-280.
252. Canevari, G and Orlandi, G Topological Singular Set of Vector-Valued Maps, II: Gamma-convergence for Ginzburg-Landau type functionals, **Arch. Rat. Mech. Anal.** **241** (2) , pp.1065-1135
Citează: Majumdar, Apala, and Arghir 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.
253. Wang, W; Zhang, L and Zhang, PW Modelling and Computation of Liquid Crystals **Acta Numer.** **30**, pp.765-851
Citează: Majumdar, Apala, and Arghir Zarnescu. “*Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond.*” **Arch. Rat. Mech. Anal.** **196.1** (2010): 227-280.
254. Maity, RR; Majumdar, A and Nataraj, N Discontinuous Galerkin finite element methods for the Landau-de Gennes minimization problem of liquid crystals **IMA J. Numer. Anal.** **41** (2) , pp.1130-1163
Citează: Majumdar, Apala, and Arghir Zarnescu. “*Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond.*” **Arch. Rat. Mech. Anal.** **196.1** (2010): 227-280.
255. Ding, SJ; Huang, JR and Lin, JY Unique continuation for stationary and dynamical Q-tensor system of nematic liquid crystals in dimension three **J. Diff. Eq.** **275** , pp.447-472
Citează: Majumdar, Apala, and Arghir Zarnescu. “*Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond.*” **Arch. Rat. Mech. Anal.** **196.1** (2010): 227-280.
256. Golovaty, D; Novack, M and Sternberg, P A novel Landau-de Gennes model with quartic elastic terms **Europ. J. Appl. Math.** **32** (1) , pp.177-198
Citează: Majumdar, Apala, and Arghir Zarnescu. “*Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond.*” **Arch. Rat. Mech. Anal.** **196.1** (2010): 227-280.
257. Liu, YN; Lu, XY and Xu, X Regularity of a Gradient Flow Generated by the Anisotropic Landau-de Gennes Energy with a Singular Potential **SIAM J. Math. Anal.** **53** (3) , pp.3338-3365
Citează: Majumdar, Apala, and Arghir Zarnescu. “*Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond.*” **Arch. Rat. Mech. Anal.** **196.1** (2010): 227-280.

258. Maity, RR; Majumdar, A and Nataraj, N Error Analysis of Nitsche's and Discontinuous Galerkin Methods of a Reduced Landau-de Gennes Problem **Comp. Meth. in App. Math.** **21** (1) , pp.179-209
Citează: M.Apala, A.Zarnescu. “*Landau-De Gennes theory of nematic liquid crystals: the Oseen-Frank limit and beyond.*” **Arch. Rat. Mech. Anal.** **196**.1 (2010): 227-280.
259. H. Kasuya, Remarks on Dolbeault cohomology of Oeljeklaus-Toma manifolds and Hodge theory, **Proc. Amer. Math. Soc.** **149** (2021), pag. 3129-3137
Citează: N. Istrati, A. Otiman, *De Rham and twisted cohomology of Oeljeklaus-Toma manifolds*, **Ann. Inst. Fourier**, **69** (2020), pag. 2037-2066
260. A. Dubickas, Units in Number Fields Satisfying a Multiplicative Relation with Application to Oeljeklaus-Toma Manifolds, **Results in Mathematics** **76**(2) (2021)
Citează: N. Istrati, A. Otiman, *De Rham and twisted cohomology of Oeljeklaus-Toma manifolds*, **Ann. Inst. Fourier**, **69** (5) (2020), pag. 2037-2066
261. O. Preda, M. Stanciu, Coverings of locally conformally Kähler complex spaces, **Math. Z.** **298** (2021), pp. 639-651
Citează: A. Otiman, *Morse-Novikov cohomology of locally conformally Kähler surfaces*, **Math. Z.**, **289** (2018), pag. 605-628
262. O. Esen, M. De León, C. Sardón, M. Zajsc, Hamilton-Jacobi formalism on locally conformally symplectic manifolds **J. Math. Phys.** **62**(3) (2021)
Citează: A. Otiman, M. Stanciu *Darboux-Weinstein theorem for locally conformally symplectic manifolds*, **J. Geom. Phys.**, **111** (2017), pag. 1-5.
263. O. Esen, M. De León, C. Sardón, M. Zajsc, The Globalization Problem of the Hamilton–DeDonder–Weyl Equations on a Local k-Symplectic Framework, **Mediter. J. Math.** **18** (2021)
Citează: A. Otiman, M. Stanciu *Darboux-Weinstein theorem for locally conformally symplectic manifolds*, **J. Geom. Phys.**, **111** (2017), pag. 1-5.
264. H. Kasuya, Remarks on Dolbeault cohomology of Oeljeklaus-Toma manifolds and Hodge theory, **Proc. Amer. Math. Soc.** **149** (2021), pag. 3129-3137
Citează: A. Otiman, M. Toma, *Hodge decomposition for Cousin groups and Oeljeklaus-Toma manifolds*, **Ann. Sc. Norm. Super. Pisa Cl. Sci. (5)** **Vol. XXII** (2021), pag. 485-503
265. J. Itoh, C. Nara, Continuous flattening of the 2-dimensional skeleton of a regular 24-cell, **J' Geometry** **112** (2021), Article number: 13
Citează: J. Itoh, C. Nara, C. Vilcu *Continuous flattening of convex polyhedra*, în A. Márquez et al. (Eds.), *Comput. Geometry*, **Springer Lecture Notes in Computer Science** **7579** (2012), pag. 85 – 97
266. P. Baird, E. Ghandour, Biconformal equivalence between 3-dimensional Ricci solitons. **Tohoku Math. J. Second Series** **73** (2021) 289 – 316
Citează: P. Baird, R. Pantilie *Harmonic morphisms on heaven spaces*, **Bull. London Math. Soc.** **41** (2009), pag. 198 – 204

267. L.F. Hernandez-Moguel, R. Herrera, Generalized almost even-Clifford manifolds and their twistor spaces, **Complex Manifolds** **8** (2021), pag. 96 – 124
Citează: R. Pantilie, *Generalized quaternionic manifolds*, **Ann. Mat. Pura Appl.** (4) **193** (2014), pag. 633 – 641
268. G. Deschamps, Twistor space of a generalized quaternionic manifold, **Proc. Indian Acad. Sci. Math. Sci.** **131** (2021), Paper No. 1, 20 pp
Citează: R. Pantilie, *Generalized quaternionic manifolds*, **Ann. Mat. Pura Appl.** (4) **193** (2014), pag. 633 – 641
269. Madani, F; Moroianu, A and Pilca, M, LcK structures with holomorphic Lee vector field on Vaisman-type manifolds, **Geom. Ded.** **213** (2021), pag. 251–266
Citează: Moroianu, A; Moroianu, S and Ornea, L *Locally conformally Kahler manifolds with holomorphic Lee field*, **Diff. Geom. Appl.** **60** (2018), pag. 33–38
270. Madani, F; Moroianu, A and Pilca, M, LcK structures with holomorphic Lee vector field on Vaisman-type manifolds, **Geom. Dedicata** **213** (2021), pag. 251–266
Citează: Gauduchon, P; Moroianu, A and Ornea, L *Compact homogeneous lcK manifolds are Vaisman*, **Math. Ann.** **361** (2015), pag. 1043–1048
271. Madani, F; Moroianu, A and Pilca, M, LcK structures with holomorphic Lee vector field on Vaisman-type manifolds, **Geom. Dedicata** **213** (2021), pag. 251–266
Citează: Ornea, L and Verbitsky, M *Locally conformal Kahler manifolds with potential*, **Math. Ann.** **348** (2010), pag. 25–33
272. Madani, F; Moroianu, A and Pilca, M, LcK structures with holomorphic Lee vector field on Vaisman-type manifolds, **Geom. Dedicata** **213** (2021), pag. 251–266
Citează: Ornea, L and Verbitsky, M *Einstein-Weyl structures on complex manifolds and conformal version of Monge-Ampere equation*, **Bull. Math. Soc. Sci. Math. Roumanie** **51** (2008), pag. 339–353
273. Tong, F, A new positivity condition for the curvature of Hermitian manifolds, **Mathematische Zeitschrift** **298** (2021), pag. 1175–1185
Citează: Ornea, L and Verbitsky, M *Hopf surfaces in locally conformally Kahler manifolds with potential*, **Geom. Dedicata** **207** (2020), pag. 219–226
274. Tong, F, A new positivity condition for the curvature of Hermitian manifolds, **Math. Z.** **298** (2021), pag. 1175–1185
Citează: Ornea, L and Verbitsky, M *LCK rank of locally conformally Kahler manifolds with potential*, **J. Geom. Physics** **107** (2016), pag. 92–98.
275. Tong, F, A new positivity condition for the curvature of Hermitian manifolds, **Math. Z.** **298** (2021), pag. 1175–1185
Citează: Ornea, L and Verbitsky, M *Locally conformal Kahler manifolds with potential*, **Mathematische Annalen** **348** (2010), pag. 25–33
276. Tong, F, A new positivity condition for the curvature of Hermitian manifolds, **Math. Z.** **298** (2021), pag. 1175–1185
Citează: Ornea, L and Verbitsky, M *Structure theorem for compact Vaisman manifolds*, **Math. Res. Letters** **10** (2003), pag. 799–805

277. Tong, F, A new positivity condition for the curvature of Hermitian manifolds, **Math. Z.** **298** (2021), pag. 1175–1185
Citează: Gauduchon, P and Ornea, L *Locally conformally Kahler metrics on Hopf surfaces*, **Ann. Inst. Fourier** **48** (1998), pag. 1107–1127
278. Chen, YM; Sjamaar, R and Yang, XD, The convexity package for Hamiltonian actions on conformal symplectic manifolds, **Math. Z.** **298** (2021), pag. 1143–1173
Citează: Ornea, L.; Verbitsky, M. and Vuletescu, V *Classification of non-Kahler surfaces and locally conformally Kahler geometry*, **Russian Math. Surveys (Uspekhi Mat. Nauk)** **76**(2021), pag. 71–102
279. Boydon, KBM and Piccinni, P, Clifford systems, Clifford structures, and their canonical differential forms, **Abh. Math. Seminar Univ. Hamburg** **91** (2021), pag. 111–115
Citează: Ornea, L and Piccinni, P *Locally conformal Kahler structures in quaternionic geometry*, **Trans. Amer. Math. Soc.** **349** (1997), pag. 641–655
280. Abedi, E and Ilmakchi, M, Submanifolds of a Conformal Sasakian Manifold, **Bol. Soc. Par. Matematica** **39** (2021), pag. 23–34
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math Volume: 155**, Birkhäuser (1998)
281. Cortes, V and Hasegawa, K, The quaternionic/hypercomplex-correspondence, **Osaka J. Math.** **58** (2021), pag. 213–238
Citează: Ornea, L and Piccinni, P *Locally conformal Kahler structures in quaternionic geometry*, **Trans. Amer. Math. Soc.** **349** (1997), pag. 641–655
282. Calamai, S, Positive projectively flat manifolds are locally conformally flat-Kahler Hopf manifolds, **Pure and Applied Math. Quarterly** **17** (2021), pag. 1139–1154
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math Volume: 155**, Birkhäuser (1998)
283. Aydin, SG and Tastan, HM, Conformal-twisted product semi-slant submanifolds in globally conformal Kaehler manifolds, **Hacettepe J. Math. Stat.** **50** (2021), pag. 1028–1046
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math 155**, Birkhäuser (1998)
284. Correa, M; Ferreira, AM and Verbitsky, M, Classification of holomorphic Pfaff systems on Hopf manifolds, **Eur. J. Math.** **7** (2021), pag. 729–740
Citează: Ornea, L., Verbitsky, M *Embedding of LCK Manifolds with Potential into Hopf Manifolds Using Riesz-Schauder Theorem*, **Complex and symplectic Geom., Contemp. Math.** **21** (2017) 137–148
285. Correa, M; Ferreira, AM and Verbitsky, M, Classification of holomorphic Pfaff systems on Hopf manifolds, **Eur. J. Math.** **7** (2021), pag. 729–740
Citează: Ornea, L and Verbitsky, M *Locally conformal Kahler manifolds with potential*, **Math. Ann.****348** (2010), pag. 25–33
286. Moroianu A, Pilca M, Closed 1-Forms and Twisted Cohomology, **J. Geom. Analysis** **31** (2021), pag. 8334–8346

- Citează:* Ornea, L and Verbitsky, M *Morse-Novikov cohomology of locally conformally Kahler manifolds*, **J. Geom. Physics** **59** (2009), pag. 295–305
287. Cappelletti-Montano, B; De Nicola, A; (...); Yudin, I, Almost formality of quasi-Sasakian and Vaisman manifolds with applications to nilmanifolds, **Israel J. Math.** **241** (2021), pag. 37–87
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math** **Birkhäuser** (1998)
288. Cappelletti-Montano, B; De Nicola, A; (...); Yudin, I, Almost formality of quasi-Sasakian and Vaisman manifolds with applications to nilmanifolds, **Israel J. Math.** **241** (2021), pag. 37–87
Citează: Ornea, L and Piccinni, P *Locally conformal Kähler structures in quaternionic geometry*, **Trans. Amer. Math. Soc.** **349** (1997), pag. 641–655
289. Barletta, E; Dragomir, S and Esposito, F, On the Canonical Foliation of an Indefinite Locally Conformal Kahler Manifold with a Parallel Lee Form, **Mathematics** **9** (2021)
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math** **Birkhäuser** (1998)
290. Chen, BY, Recent Developments in Wintgen Inequality and Wintgen Ideal Submanifolds, **International Electronic J. Geom.** **14** (2021), pag. 6–45
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math** **155**, **Birkhäuser** (1998)
291. Istrati, N; Otiman, A and Pontecorvo, M, On a Class of Kato Manifolds, **IMRN** **7** (2021), pag. 5366–5412
Citează: L. Ornea, M. Verbitsky, V. Vuletescu, *Blow-ups of Locally Conformally Kähler Manifolds*, **IMRN** **12** (2013), pag. 2809–2821.
292. Istrati, N; Otiman, A and Pontecorvo, M, On a Class of Kato Manifolds, **IMRN** **7** (2021), pag. 5366–5412
Citează: L. Ornea, M. Verbitsky, *A Report on Locally Conformally Kähler Manifolds*, **Contemp. Math.** **542** (2011), pag. 135–150.
293. Edwards, G, The Chern-Ricci flow on primary Hopf surfaces, **Math. Z.** **299** (2021), pag. 1689–1702.
Citează: P. Gauduchon, L. Ornea, *Locally conformally Kähler metrics on Hopf surfaces*, **Ann. Inst. Fourier** **48** (1998), pag. 1107–1127
294. Sawai, H, On the structure theorem for Vaisman solvmanifolds, **J. Geom. Physics** **163** (2021)
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math** **155**, **Birkhäuser** (1998)
295. Dubickas, A, Units in Number Fields Satisfying a Multiplicative Relation with Application to Oeljeklaus-Toma Manifolds, **Results in Math.** **76** (2021)
Citează: L. Ornea, M. Verbitsky, V. Vuletescu, *Flat affine subvarieties in Oeljeklaus-Toma manifolds*, **Math. Z.** **292** (2019), pag. 839–847.

296. Dubickas, A, Units in Number Fields Satisfying a Multiplicative Relation with Application to Oeljeklaus-Toma Manifolds, **Results in Math.** **76** (2021)
Citează: L. Ornea, M. Verbitski, *Oeljeklaus-Toma manifolds admitting no complex subvarieties*, **Math. Res. Letters** **18** (2011), pag. 747–754.
297. Chen, BY and Blaga, AM, Geometric Inequalities for Warped Products in Riemannian Manifolds, **Mathematics** **9(9)** (2021)
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math** **155**, **Birkhäuser** (1998)
298. Peralta-Salas, D and Slobodeanu, R, Energy Minimizing Beltrami Fields on Sasakian 3-Manifolds, **IMRN** **9** (2021), pag. 6656–6690
Citează: P. Gauduchon, L. Ornea, *Locally conformally Kähler metrics on Hopf surfaces*, **Ann. Inst. Fourier** **48** (1998), pag. 1107–1127
299. Chen, YF, Lower bounds for the eigenvalue estimates of the submanifold Dirac operator, **Mathematische Zeitschrift (Early Access)** (2021)
Citează: A. Moroianu, L. Ornea, *Eigenvalue estimates for the Dirac operator and harmonic 1-forms of constant length*, **CRAS** **338** (2004), pag. 561–564.
300. Yang, JM, Locally Conformal Kahler and Hermitian Yang-Mills Metrics, **Chinese Annals of Mathematics Series B**, **42** (2021), pag. 511–518
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math** **155**, **Birkhäuser** (1998)
301. Paradiso, F, Locally conformally balanced metrics on almost abelian Lie algebras, **Complex manifolds** **8** (2021), pag. 196–207
Citează: L. Ornea, *Locally conformally Kähler manifolds. A selection of results*, **Lecture Notes of Seminario Interdisciplinare di Matematica Vol. 4** (2005), pag. 121–152
302. Paradiso, F, Locally conformally balanced metrics on almost abelian Lie algebras, **Complex manifolds** **8** (2021), pag. 196–207
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math** **155**, **Birkhäuser** (1998)
303. Xia, W, Deformations of Dolbeault cohomology classes for Lie algebra with complex structures, **Annals Global Analysis Geom.** **60** (2021), pag. 709–734
Citează: L. Ornea, M. Verbitsky: *Twisted Dolbeault cohomology of nilpotent Lie algebras*, **Transformation groups** (2020) <https://doi.org/10.1007/s00031-020-09601-4>
304. Placini, G, Sasakian immersions of Sasaki-Ricci solitons into Sasakian space forms, **J. Geom. Physics** **166** (2021)
Citează: L. Ornea, M. Verbitsky *Embeddings of compact Sasakian manifolds*, **Math. Res. letters** **14** (2007), pag. 703–710.
305. Boyer, CP and Tonnesen-Friedman, CW, Sasakian geometry on sphere bundles, **Diff. Geom. Appl.** **77** (2021)
Citează: C. Boyer, K. Galicki, L. Ornea, *Constructions in Sasakian geometry*, **Math. Z.** **257** (2007), pag. 907–924.

306. Li, HJ; Qiu, CH; Zhong, GZ, On conformal complex Finsler metrics, **Science Chiana Mathematics (Early Access)** (2021)
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math 155**, Birkhäuser (1998)
307. Dal Jung, S and Richardson, K, Basic Dolbeault cohomology and Weitzenbock formulas on transversely Kahler foliations, **J. Topology and Analysis 13** (2021) pag: 673–698
Citează: A. Moroianu, L. Ornea, *Eigenvalue estimates for the Dirac operator and harmonic 1-forms of constant length*, **CRAS 338** (2004), pag. 561–564.
308. Shahid, MH; Aslam, M and Uddin, S, Some geometric obstructions to warped product immersions in locally conformal Kaehler space forms, **Intern. J. of Geom. Methods in Modern Physics 18** (2021)
Citează: Kamishima, Y and Ornea, L, *Geometric flow on compact locally conformally Kahler manifolds*, **Tohoku J. Math. 57** (2005), pag. 201–221.
309. Shahid, MH; Aslam, M and Uddin, S, Some geometric obstructions to warped product immersions in locally conformal Kaehler space forms, **Intern. J. of Geom. Methods in Modern Physics 18** (2021)
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math 155**, Birkhäuser (1998)
310. Alghamdi, F; Chen, BY and Uddin, S, Geometry of Pointwise Semi-slant Warped Products in Locally Conformal Kaehler Manifolds, **Results in Math. 77** (2021)
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math 155**, Birkhäuser (1998)
311. Haojie Chen, Lingling Chen & Xiaolan Nie, Chern-Ricci curvatures, holomorphic sectional curvature and Hermitian metrics, **Science China Mathematics 64** (2021) pag: 763–780
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math 155**, Birkhäuser (1998)
312. Ntokozo Sibonelo Khuzwayo, and Fortuné Massamba, Some Properties of Curvature Tensors and Foliations of Locally Conformal Almost Kähler Manifolds, **Intern. J. Math. & Math. Sciences** (2021) Article ID 6673918 <https://doi.org/10.1155/2021/6673918>
Citează: Dragomir, S.; Ornea, L., *Locally conformal Kähler geometry*, **Progress in Math 155**, Birkhäuser (1998)
313. Chin-Yu Hsiao, Xiaoshan Li, & George Marinescu, Equivariant Kodaira Embedding for CR Manifolds with Circle Action, **Michigan Math. J. 70** (2021) pag: 55–113
Citează: L. Ornea, M. Verbitsky *Sasakian structures on CR-manifolds*, **Geom. Dedicata 125** (2007), pag. 159–173.
314. Amann, M, Bounds on Sectional Curvature and Interactions with Topology, **Jahresbericht der Deutschen Mathematiker-Vereinigung, 123** (2021) pag: 27–55
Citează: L. Ornea, M. Pilca *Remarks on the product of harmonic forms*, **Pac. J. Math. 250** (2011), pag.353–363.

315. Biswas, I and Mahan, MJ, One-relator Sasakian groups, **Colloquium mathematicum** (May 2021, Early access)
Citează: L. Ornea, M. Verbitsky *Sasakian structures on CR-manifolds*, **Geom. Dedicata** **125** (2007), pag. 159–173.
316. Z.C. Chen, J.Y. Cai, L. C. Meng, Non-Negative Integer Matrix Representations of a \mathbb{Z}_+ -ring, **Journal of Mathematical Study** **54** (2021), pag. 357–370
Citează: S. Burciu, *On the Grothendieck rings of generalized Drinfeld doubles*, **J. Algebra** **486** (2017), pag. 14 – 35
317. H. Janabi, L. Hethely, H. Erzsebet, TI subgroups and depth 3 subgroups in simple Suzuki groups, **J. Group Theory** **24** (2021), pag. 601 – 617
Citează: S. Burciu, L. Kadison, B. Külshammer *On subgroup depth*, **Int. Electron. J. Algebra** **9** (2011), pag. 133 – 166
318. Tekin Karadağ, Gerstenhaber bracket on Hopf algebra and Hochschild cohomologies, **J. Pure Applied Alg.** **33** (2021), pag. 100 – 101
Citează: S. Burciu, S. Witherspoon *Hochschild cohomology of smash products and rank one Hopf algebras*, **Biblioteca de la Revista Matematica Iberoamericana Actas del “XVI Coloquio Latinoamericano de Algebra”** (2005), pag. 153 – 170
319. Q. Xin, T. Cao, The Quantum Symmetry in Nombalanced Hopf Spin Models Determined by a Normal Coideal Subalgebra, **J. Math.** (2021),
Citează: S. Burciu, *Kernels of representations and coideal subalgebras of Hopf algebras*, **Glasgow Math. J.** **54** (2012), pag. 107 – 119
320. Tahani Al-Mutairi, Mohammed Mosa Al-shomrani, An Application of Finite Groups to Hopf algebras, **J. Eur. Pure and Applied Math.** **14** (2021), pag. 816 – 828
Citează: S. Burciu, *Normal coideal subalgebras of semisimple Hopf algebras*, **Journal of Physics: Conference Series, Algebra, Geometry, and Mathematical Physics**, **346** (2010), pag. 25 – 31
321. G. Malara, P. Pokora, H. Tutaj-Gasinska, On 3-syzygy and unexpected plane curves, **GEOMETRIA DEDICATA** **214** (1) (2021), pag. 49 – 63
Citează: A. Dimca, D. Ibadula, A. Macinic, *Freeness for 13 lines arrangements is combinatorial*, **Discrete Mathematics Volume: 342, Issue: 8** (2019), pag. 2445–2453
322. M. Barakat, R. Behrends, C. Jefferson, L. Kuhne, M. Leuner, ON THE GENERATION OF RANK 3 SIMPLE MATROIDS WITH AN APPLICATION TO TERAO’S FREENESS CONJECTURE, **SIAM JOURNAL ON DISCRETE MATHEMATICS** **35** (2) (2021), pag. 1201 – 1223
Citează: A. Dimca, D. Ibadula, A. Macinic, *Freeness for 13 lines arrangements is combinatorial*, **Discrete Mathematics Volume: 342, Issue: 8** (2019), pag. 2445–2453
323. T. Abe, A. Dimca, G. Sticlaru, Addition-deletion results for the minimal degree of logarithmic derivations of hyperplane arrangements and maximal Tjurina line arrangements, **JOURNAL OF ALGEBRAIC COMBINATORICS** **54** (3) (2021), pag. 739 – 766
Citează: A. Dimca, D. Ibadula, A. Macinic, *Freeness for 13 lines arrangements is combinatorial*, **Discrete Mathematics Volume: 342, Issue: 8** (2019), pag. 2445–2453

324. B. Berceanu, M. Yameen, Strong and shifted stability for the cohomology of configuration spaces, **BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE** **64 (2)** (2021), pag. 159 – 191
Citează: B. Berceanu, A. Macinic, S. Papadima, R. Popescu, *On the geometry and topology of partial configuration spaces of Riemann surfaces*, **ALGEBRAIC AND GEOMETRIC TOPOLOGY**, Volume **17**, Issue **2** (2017), pag. 1163 – 1188
325. Kang, H and Ruan, SG, Approximation of random diffusion by nonlocal diffusion in age-structured models, **ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK** Jun 2021, **72** (3)
Citează: Ignat, Liviu I.; Rossi, Julio D., *A nonlocal convection-diffusion equation*, **Journal of functional analysis** Volume: **251** Issue: 2 Pages: 399-437 (2007)
326. Davoli, E; Scarpa, L and Trussardi, L, Local asymptotics for nonlocal convective Cahn-Hilliard equations with W-1,(1) kernel and singular potential, **JOURNAL OF DIFFERENTIAL EQUATIONS** Jul 15 2021, Volume 289, pp.35-58
Citează: Ignat, Liviu I.; Rossi, Julio D., *A nonlocal convection-diffusion equation*, **Journal of functional analysis** Volume: **251** Issue: 2 Pages: 399-437 (2007)
327. Borrelli, W; Carbone, R and Tentarelli, On the nonlinear Dirac equation on noncompact metric graphs, **J. DIFF. EQUATIONS**, Mar 25 2021, **278** , pp.326-357
Citează: Grecu, A and Ignat, LI *The Schrödinger equation on a star-shaped graph under general coupling conditions* **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL** Jan 18 2019, **52** (3)
328. Y. Gündüzalp, Neutral slant submersions in paracomplex geometry, **Afrika Matematika** **32** (2021), pag. 1095 - 1110
Citează: G. Bădițoiu, S. Ianuș *Semi-Riemannian submersions from real and complex pseudo-hyperbolic spaces*, **Differential Geom. Appl.** **16** (2002), pag. 79 - 94
329. F. Baudoin, G. Cho, The subelliptic heat kernel of the octonionic anti-de Sitter fibration, **Symmetry, Integrability and Geometry: Methods and Applications** **17** (2021), 014, 9 pages
Citează: G. Bădițoiu, S. Ianuș *Semi-Riemannian submersions from real and complex pseudo-hyperbolic spaces*, **Differential Geom. Appl.** **16** (2002), pag. 79 - 94
330. A Allahem, An error estimate of a nonmatching grids method for a biharmonic equation, **Applied Sciences** **23** (2021), 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
331. H. Calandra, S. Gratton, E. Ricciotti, X. Vasseur, On high-order multilevel optimization strategies , **SIAM Journal on Optimization** **31** (2021), pag. 307–330
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
332. J. Park, Pseudo-linear Convergence of an Additive Schwarz Method for Dual Total Variation Minimization, **Electronic Transactions on Numerical Analysis** **54** (2021), pag. 176–197

- 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
333. J. Park, Accelerated Additive Schwarz Methods for Convex Optimization with Adaptive Restart, **J. Sc. Comput.** **89** (2021), Article number: 58
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
334. R. Zhang and S. Li, Parallel multiplicative Schwarz preconditioner for solving nonselfadjoint elliptic problems, **International J. Comput. Math.** **98** (2021), pag. 1438–1456
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
335. S. Das and P. P. Castañeda, Statistics of the stress, strain-rate and spin fields in viscoplastic polycrystals, **Int. J. Sol. Struc.**, **217–218** (2021), pag. 193–214
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
336. S. Das and P. P. Castañeda, Field statistics in linearized elastic and viscous composites and polycrystals, **International Journal of Solids and Structures** **224** (2021), pag. 111030
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
337. J. Park, Accelerated Additive Schwarz Methods for Convex Optimization with Adaptive Restart, **J. Sc. Comput.** **89** (2021), Article number: 58
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.
338. M. Braack, K. Nafa and S. Taylor, Equal-order finite element approximation for mantle melt transport, **J. Appl. Math. Comput.** **65** (2021), pag. 273–293
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
339. L. Cao, Y. He, J. Li, Md. Al Mahbub, Decoupled modified characteristic finite element method with different subdomain time steps for nonstationary dual-porosity–Navier–Stokes model, **Appl. Numerical Math.** **166** (2021), pag. 238–271
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
340. M. Ersoy, O. Lakkis, P. Townsend, A Saint-Venant Model for Overland Flows with Precipitation and Recharge, **Math. Comput. Appl.** **26**, **1**, **2021** (2021), pag. 1–27
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227

341. T.-T.-P. Hoang and H. Lee, A global-in-time domain decomposition method for the coupled nonlinear Stokes and Darcy flows, **Journal of Scientific Computing** **87** (2021), article 22
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
342. J. Hou, W. Yan, D. Hu, Z. He, Robin-Robin domain decomposition methods for the dual-porosity-conduit system, **Adv. Comput. Math.** **47** (2021), article 7
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
343. W. Li, J. Fang, Y. Qin, P. Huang, Rotational pressure-correction method for the Stokes/Darcy model based on the modular grad-div stabilization, **Appl. Numer. Math.** **160** (2021), pag. 451–465
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
344. J. Li, R. Li, X. Zhao, Z. Chen, A second-order fractional time-stepping method for a coupled Stokes/Darcy system, **J. Comput. and Appl. Math.** **390** (2021), article 113329
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
345. Y. Qin, Y. Hou, W. Pei, J. Li, A variable time-stepping algorithm for the unsteady Stokes/Darcy model, **J. Comput. Appl. Math.** **394** (2021), article 113521
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
346. Y. Sun, W. Sun, H. Zheng, Domain decomposition method for the fully- mixed Stokes-Darcy coupled problem, **Computer Methods in Applied Mechanics and Engineering**, **374** (2021), article 113578
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
347. X. Wang, H. Wu, Global Weak Solutions to the Navier-Stokes-Darcy- Boussi- nesq System for Thermal Convection in Coupled Free and Porous Media Flows, **Adv. Diff. Eq.** **26**, **1/2** (2021), pag. 1–44
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
348. D. Yang, Y. He, L. Cao, On the solution of the coupled steady-state dual- porosity-Navier-Stokes fluid flow model with the Beavers-Joseph-Saffman interface condition, **J. Math. Anal. Appl.** **505** (2021), article 125577
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
349. L. Zhang, M. Cai, M. Mu, Decoupling PDE computation with intrinsic or inertial Robin interface condition, **Electronic Research Archive** **29** (2021), pag. 2007–2028
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227

350. B. Zhao, M. Zhang, C. Liang, Global Well-Posedness for Navier-Stokes-Darcy Equations with the Free Interface, **Int. J. Numerical Anal. Model.** **18**, (2021), pag. 569–619
Citează: L. Badea, M. Discacciati, A. Quarteroni *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.** **115**, **2** (2010), pag. 195–227
351. H. Calandra, S. Gratton, E. Riccietti, X. Vasseur, On high-order multi-level optimization strategies, **SIAM Journal on Optimization** **31**, **1** (2021), pag. 307–330
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
352. J. Park, Pseudo-linear Convergence of an Additive Schwarz Method for Dual Total Variation Minimization, **Electronic Transactions on Numerical Analysis** **54** (2021), pag. 176–197
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
353. J. Park, Accelerated Additive Schwarz Methods for Convex Optimization with Adaptive Restart, **J. Sc. Comput.** **89** (2021), Article number: 58
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
354. E.S. Palamarchuk, Optimal Superexponential Stabilization of Solutions of Linear Stochastic Differential Equations, **Automation and Remote Control**, **82**, (2021), pag. 449 – 459
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
355. T. Hou, Y. Liu, F. Deng, Stability for discrete-time uncertain systems with infinite Markov jump and time-delay, **Science China Info. Sci.**, **64**, (2021), 152202
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
356. B. Gashi, H. Hua, Optimal regulators for a class of nonlinear stochastic systems, **Int. J. Control**, 27 Sept. (2021)
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
357. M.G. Todorov, F.O. dos Santos, C.C.G/ Rodrigues, Homogenized first-moment analysis of two-time-scale positive Markov jump linear systems, **J. Franklin Inst.**, (2021)
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.
358. A.M. de Oliveira, O.L. do Valle Costa, Control of continuous-time Markov jump linear systems with partial information, **Modern Trends in Controlled Stochastic Processes: Emergence, Complexity and Computation**, **41**, (2021), pag. 87 – 107
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer** (2006), pag. 442.

359. X.K. Liu, J.J. Zhuang, Y. Li, H_∞ Filtering for Markovian Jump Linear Systems with Uncertain Transition Probabilities, **Int. J. Control., Aut. Syst.**, **19**, (2021), pag. 2500 – 2510
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, Springer (2006), pag. 442.
360. T. Zhang, F. Deng, W. Zhang, Robust H_∞ filtering for nonlinear discrete-time stochastic systems, **Automatica**, **123**, (2021), 109343
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, Springer (2006), pag. 442.
361. T. Zhang, F. Deng, W. Zhang, B.S. Chen, Fault detection filtering for Ito-type affine nonlinear stochastic systems, **Asian J. Control**, **23(2)**, (2021), pag. 620 – 635
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, Springer (2006), pag. 442.
362. W. Wang, C. Han, Optimal H2 filtering for sampled-data systems with measurement delays and packet dropouts, **IET Signal Processing**, **15(3)**, (2021), pag. 182 –194,
Citează: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, Springer (2006), pag. 442.
363. P.C.Y. Weng, F.K.H. Phoa, Perturbation analysis and condition numbers of rational Riccati equations, **Ann. Math. Sci. Appl.**, **6**, (2021), pag. 25 – 49
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
364. E.Ma, Detectability of Discrete-Time Mean-Field Linear Stochastic Systems with Periodic Coefficients, **Proceedings of 2021 Chinese Intelligent Systems Conference**, (2022), pag. 31 – 39 (first online on 06 October 2021)
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
365. C. Peng, W. Zhang, L. Ma, Infinite horizon multiobjective optimal control of stochastic cooperative linear-quadratic dynamic difference games, **Journal of the Franklin Institute**, **358(16)**, (2021), pag. 8288 – 8307,
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
366. J. Xu, W. Wang, H. Zhang, Stabilization of Discrete-Time Multiplicative-Noise System under Decentralized Controllers, **IEEE Transactions on Automatic Control**, DOI: **10.1109/TAC.2021.3121208**, (2021), 19 Oct. 2021
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
367. A.R.C. Serafini, L. Delforno, J.M. Palma, F.H. Behrens, C.Morais, Robust Static Output-Feedback Control for MJLS with Non-Homogeneous Markov Chains: A Comparative Study Considering a Wireless Sensor Network with Time-varying PER, **Sensors**, **21**, (2021), 6420,
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.

368. X.K. Liu, J.J. Zhuang, Y. Li, H_∞ Filtering for Markovian Jump Linear Systems with Uncertain Transition Probabilities, **International J. Control, Aut. Systems**, **19**, (2021), pag. 2500 – 2510
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
369. T. Zhang, F. Deng, W. Zhang, Robust H_∞ filtering for nonlinear discrete-time stochastic systems, **Automatica**, **123**, (2021), 109343
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
370. B. Wu, Y. Zhao, Dissipative Control for Fuzzy Singular Markov Jump Systems With State-Dependent Noise and Asynchronous Modes, **IEEE Access**, **9**, (2021), pag. 25691 – 25702,
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
371. 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
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
372. M. Wang, Q. Meng, Y. Shen, H_2/H_∞ Control for Stochastic Jump-Diffusion Systems with Markovian Switching, **Journal of Systems Science and Complexity**, **34**, (2021), pag. 924 – 954,
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
373. Y. Zhao, T. Zhang, W. Zhang, Asynchronous H_∞ control for uncertain singular stochastic Markov jump systems with multiplicative noise based on hidden Markov mode, **J. Franklin Inst.**, **357**, (2020), pag. 5226 – 5247
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, Springer (2010), pag. 336.
374. J. Tian, X. Zhao, An Iterative Algorithm for the Optimal Control of Ito Stochastic Systems with Markovian Jump **36th Youth Academic Annual Conference of Chinese Association of Automation (YAC)**, **29- 30 May, 2021, Nanchang, China**, (2021), DOI: 10.1109/YAC53711.2021.9486614
Citeaza: V Dragan, 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.
375. M. Wang, Q. Meng, Y. Shen, H_2/H_∞ Control for Stochastic Jump-Diffusion Systems with Markovian Switching, **Journal of Systems Science and Complexity**, **34**, (2021), pag. 924 – 954
Stability and robust stabilization to linear stochastic systems described by differential equations with Markovian jumping and multiplicative white noise, **Stoc. Anal. Appl.**, **20**, (2002), pag. 33 – 92.

376. W. Liu, Y. Wang, H_∞ Control of Markovian Jump Linear Singularly Perturbed Systems, **Circuits, Systems, and Signal Processing**, **40**, (2021), pag. 4230 – 4245
Citeaza: P. Shi, V. Dragan, *Asymptotic H_∞ control of singularly perturbed systems with parametric uncertainties*, **IEEE Transactions on Automatic Control**, **44**,**9**, (1999), pag. 1738 – 1742.
377. Y. Xu, Z.G. Wu, J. Sun, Security-Based Passivity Analysis of Markov Jump Systems via Asynchronous Triggering Control, **IEEE Transactions on Cybernetics**, (2021), doi: 10.1109/TCYB.2021.3090398
Citeaza: S Aberkane, V Dragan, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, **48** (2012), pag. 3151–3156.
378. Y. Shen, Z.G. Wu, D. Meng, Nonsynchronous Model Reduction for Uncertain 2-D Markov Jump Systems, **IEEE Transactions on Cybernetics**, (2021), DOI: 10.1109/TCYB.2021.3069784
Citeaza: S Aberkane, V Dragan, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica** **48**, (2012), pag. 3151–3156.
379. 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**, (2021), doi.org/10.1016/j.fss.2021.04.005
Citeaza: S Aberkane, V Dragan, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, **48** (2012), pag. 3151–3156.
380. L. Jin, Y. Liu, Y. Yin, K.L. Teo, F. Liu, Design of probabilistic $l_2 - l_\infty$ filter for uncertain Markov jump systems with partial information of the transition probabilities, **Journal of Industrial and Management Optimization**, (2021), doi: 10.3934/jimo.2021070
Citeaza: S Aberkane, V Dragan, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, **48** (2012), pag. 3151–3156.
381. E. Gershon, U. Shaked, Retarded State-multiplicative Stochastic Systems - Robust Vertex-dependent H_∞ and H_2 Filtering, **Int. J. Control**, (2021),
Citează: V. Dragan, A. Halanay, A. Stoica, *The γ -attenuation problem for discrete-time time-varying stochastic systems with multiplicative noise*, **Proceedings of the 37th IEEE Conference on Decision and Control (Cat. No.98CH36171)**,**1**, (1998), pag. 796 – 797.
382. E. Gershon, Robust Static-output Feedback Control of Stochastic Linear Switched Systems with Dwell Time, **IFAC-PapersOnLine**, **54**(**9**), (2021), pag. 653 – 658
Citează: V. Dragan, A. Halanay, A. Stoica, *The γ -attenuation problem for discrete-time time-varying stochastic systems with multiplicative noise*, **Proceedings of the 37th IEEE Conference on Decision and Control (Cat. No.98CH36171)**,**1**, (1998), pag. 796 – 797.
383. X. Liu, C. Yang, L. Zhou, J. Fu, W.Dai, Suboptimal reduced control of unknown nonlinear singularly perturbed systems via reinforcement learning **Int. J. Robust Nonlinear**

- Control**, **31**, (2021), pag.6625 – 6645
Citeaza: V Dragan, H Mukaidani, P Shi, *The linear quadratic regulator problem for a class of controlled systems modeled by singularly perturbed Ito differential equations*, **SIAM J. Control Optimization**, **50**, (2012), pag. 448 – 470.
384. Y. Li, Q. Song, F. Wu, G. Yin, Solving A Class of Mean-Field LQG Problems, **IEEE Transactions on Automatic Control**, (2021), DOI: 10.1109/TAC.2021.3073204
Citeaza: V Dragan, 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, nr.1, (2012), pag. 448 – 470.
385. M. Gerwien, R. Voßwinkel, H. Richter, Algebraic Stability Analysis of Particle Swarm Optimization Using Stochastic Lyapunov Functions and Quantifier Elimination, **SN Computer Science**, **2**, **58**, (2021), doi.org/10.1007/s42979-021-00447-5
Citează: V. Dragan, T. Morozan, *Mean square exponential stability for some stochastic linear discrete time systems* **Eur. J. Control**, **12**, (2006), pag. 373 – 395.
386. H. Mukaidani, H. Xu, W. Zhuang, Robust static output feedback Nash strategy for uncertain Markov jump linear stochastic systems, **IET Control Theory and Applications**, (2021), DOI: 10.1049/cth2.12143 *Citează:* H. Mukaidani, H. Xu, V. Dragan, *Static output-feedback incentive Stackelberg game for discrete-time Markov jump linear stochastic systems with external disturbance* **IEEE control systems letters**, **2**(4), (2020), pag. 701 – 706.
387. J. Guzman, F.R. López, V.Estrada-Manzo, G.Valencia-Palomo, Actuator fault estimation based on a proportional-integral observer with nonquadratic Lyapunov functions, **Journal of Systems Science**, **52**, (2021), doi.org/10.1080/00207721.2021.1873451
Citează: S Chitraganti, S Aberkane, C Aubrun, G.V.Palomo, V.Dragan, *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.
388. 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
Citeaza: A.M. Stoica, V. Dragan, I. Yaesh, *Kalman—Type Filtering for Stochastic Systems with State—Dependent Noise and Markovian Jumps*, **IFAC Proceedings Volumes**, **42**, (2009), pag. 1375 – 1380.
389. T.N. Kureneva, A.V. Tsyganov, Yu V. Tsyganova, N. A. Volkova, Square-root filtering for discrete-time systems with multiplicative and additive noises, **Journal of Physics Conf. Ser.** **1745 012114**, (2021)
Citeaza: A.M. Stoica, V. Dragan, I. Yaesh, *Kalman—Type Filtering for Stochastic Systems with State—Dependent Noise and Markovian Jumps*, **IFAC Proceedings Volumes**, **42** (2009), pag. 1375 – 1380.
390. C. Rodríguez-Carreon, M. Jiménez-Lizárraga, C. E. Villarreal, I. Quiroz-Vázquez, Minimax incentive strategy for leader–follower games under uncertain dynamics, **Journal of Systems Science**, (2021),

Citează: H. Mukaidani, H. Xu, T. Shima, V. Dragan, *A Stochastic Multiple-Leader-Follower Incentive Stackelberg Strategy for Markov Jump Linear Systems*, **IEEE Control Systems Letters**, **1** (2017), pag. 250 – 255.

391. T. Hou, Y. Liu, F. Deng, Stability for discrete-time uncertain systems with infinite Markov jump and time-delay, **Science China Information Sciences**, **64**, **152202**, (2021), doi.org/10.1007/s11432-019-2897-9
Citează: V. Dragan, T. Morozan, *An H_2 -Type Norm of a Discrete-Time Linear Stochastic System with Periodic Coefficients Simultaneously Affected by an Infinite Markov Chain and Multiplicative White Noise Perturbations*, **Stoch. Anal. Appl.**, **32**, (2014), pag. 776 – 801.
392. Y. Jiang, K. Zhang, J. Wu, C. Zhang, W. Xue, T. Chai, F.L. Lewis, H_∞ -Based Minimal Energy Adaptive Control With Preset Convergence Rate, ... **IEEE Transactions on Cybernetics**, (2021), doi: 10.1109/TCYB.2021.3061894.
Citează: V. Dragan, I. Ivanov, *A numerical procedure to compute the stabilising solution of game theoretic Riccati equations of stochastic control*, **Int. J. Control.**, **84**, (2011), pag. 783 – 800.
393. M. Wang, Q. Meng, Y. Shen, H_2/H_∞ Control for Stochastic Jump-Diffusion Systems with Markovian Switching, **Journal of Systems Science and Complexity**, **34**, (2021), pag. 924 – 954
Citează: V. Dragan, T. Morozan, *Systems of matrix rational differential equations arising in connection with linear stochastic systems with Markovian jumping*, **Journal of differential equations**, **194**(1), (2003) pag. 1 – 38.
394. H. Mukaidani, H. Xu, W. Zhuang, Robust static output feedback Nash strategy for uncertain Markov jump linear stochastic systems, **IET Control Theory and Applications**, (2021), DOI: 10.1049/cth2.12143
Citează: H. Mukaidani, H. Xu, T. Yamamoto, V. Dragan, *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.
395. J.C. Cortés, A. Navarro-Quiles, J.V. Romero, M.D. Rosello, Solving fully randomized higher-order linear control differential equations: Application to study the dynamics of an oscillator, **Computational Mathematical Methods**, (2021), doi.org/10.1002/cmm4.1163
Citează: V. Dragan, S. Aberkane, I.L. Popa, *Optimal H_2 filtering for periodic linear stochastic systems with multiplicative white noise perturbations and sampled measurements*, **J. Franklin Inst.**, **352**, (2015), pag. 5985 – 6010.
396. W. Wang, C. Han, Optimal H_2 filtering for sampled-data systems with measurement delays and packet dropouts, **IET Signal Processing**, **15**(3), (2021), pag. 182 – 194
Citează: V. Dragan, S. Aberkane, I.L. Popa, *Optimal H_2 filtering for periodic linear stochastic systems with multiplicative white noise perturbations and sampled measurements*, **J. Franklin Inst.**, **352**, (2015), pag. 5985 – 6010.
397. 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, **J. Comput. Appl. Math.**, **113389**, (2021), 113389
Citeaza: V. Dragan, S. Aberkane, I.L. Popa, *Optimal H₂ filtering for periodic linear stochastic systems with multiplicative white noise perturbations and sampled measurements*, **J. Franklin Inst.**, **352**, (2015), pag. 5985 – 6010.
398. R. Song, B. Wang, Q. Zhu, Delay-dependent stability of nonlinear hybrid neutral stochastic differential equations with multiple delays, **Int. J. Robust and Nonlinear Control**, **31**, (2021), pag. 250 – 267
Citează: V. Dragan, H. Mukaidani, *Exponential stability in mean square of a singularly perturbed linear stochastic system with state-multiplicative white-noise perturbations and Markovian switching*, **IET Control Theory and Applications**, **10(9)**, (2016), pag. 1040 – 1051.
399. M.P. Banu, R. Jothilakshmi, Forward and backward difference equations in digital signal processing, **Journal of Physics: Conference Series**, **1964**, (2021), 022022, special issue Advances in Computational Mathematical Sciences
Citeaza: S. Aberkane, V. Dragan, *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.
400. W. Wang, C. Han, Distributed fusion estimation for sensor networks with Markov-based nonuniform samplings and multiplicative noise, ... **36th Youth Academic Annual Conference of Chinese Association of Automation (YAC)**, (2021), pag. 794 – 799
Citează: V. Dragan, A.M. Stoica, *Optimal H₂ filtering for a class of linear stochastic systems with sampling*, **Automatica**, **48(10)**, (2012), pag. 2494 – 2501.
401. W. Wang, C. Han, Optimal H₂ filtering for sampled-data systems with measurement delays and packet dropouts, **IET Signal Processing**, **15(3)**, (2021), pag. 182 – 194
Citează: V. Dragan, A.M. Stoica, *Optimal H₂ filtering for a class of linear stochastic systems with sampling*, **Automatica**, **48(10)**, (2012), pag. 2494 – 2501.
402. S. Gao, Y. Guo, Z. Cao, H. Feng, Periodic solutions for feedback control coupled systems on networks, **Applicable Analysis**, (2021), DOI: 10.1080/00036811.2021.1921745
Citează: V. Dragan, S. Aberkane, I.G. Ivanov, *On computing the stabilizing solution of a class of discrete-time periodic Riccati equations*, **International Journal of Robust and Nonlinear Control**, **25(7)**, (2015), pag. 1066 – 1093.
403. H. Xiong, J. Huang, S. Zhang, Y. Wang, Iterative Method for Positive Definite Solution of a Class of Nonlinear Matrix Equation, **Journal of Physics , Conference series**, **1903**, (2021), 012024
Citează: V. Dragan, S. Aberkane, I.G. Ivanov, *On computing the stabilizing solution of a class of discrete-time periodic Riccati equations*, **International Journal of Robust and Nonlinear Control**, **25(7)**, (2015), pag. 1066 – 1093.
404. C. Han, H. Li, H. Zhang, M. Fu, Optimal Control and Stabilization for Discrete-Time Markov Jump Linear Systems with Input Delay, **SIAM Journal on Control and Optimization**, **59(5)**, (2021), doi.org/10.1137/19M1303484
Citeaza: V. Dragan, 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.
405. C. Zhang, F. Li, Non-zero sum differential game for stochastic Markovian jump systems with partially unknown transition probabilities, **Journal of the Franklin Institute**, **358(15)**, (2021), pag. 7528 – 7558
Citeaza: V. Dragan, 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.
406. U. Sadana, P.V. Reddy, T. Başar, G. Zaccour, Sampled-Data Nash Equilibria in Differential Games with Impulse Controls, **Journal of Optimization Theory and Appl**, **190**, (2021), 999–1022, doi.org/10.1007/s10957-021-01920-0,
Citează: V. Dragan, I.G.Ivanov, I.L.Popă, *Stochastic linear quadratic differential games in a state feedback setting with sampled measurements*, **Systems and Control Letters**, **134**, (2019), 104563.
407. W. Wang, C. Han, Optimal H_2 filtering for sampled-data systems with measurement delays and packet dropouts, **IET Signal Processing**, **15(3)**, (2021), pag. 182 – 194
Citează: V. Dragan, I.G.Ivanov, I.L.Popă, *Stochastic linear quadratic differential games in a state feedback setting with sampled measurements*, **Systems and Control Letters**, **134**, (2019), 104563.
408. Y. Zhan, D. Wei, Nonstationary Filtering for Markov Jumping Systems with Fading Channel and Multiplicative Noises, **Journal of Applied Mathematics and Physics**, **9(4)**, (2021), doi:10.4236/jamp.2021.94037
Citează: V. Dragan, S. Aberkane, I.L. Popă, *Optimal filtering for a class of linear Itô stochastic systems: The dichotomic case*, **Automatica**, **90**, (2018), pag. 47 – 53.
409. H. Mukaidani, H. Xu, W. Zhuang, Robust static output feedback Nash strategy for uncertain Markov jump linear stochastic systems, **IET Control Theory and Applications**, (2021), DOI: 10.1049/cth2.12143
Citeaza: H. Mukaidani, H. Xu, V. Dragan, *Robust Pareto suboptimal strategy for uncertain Markov jump linear stochastic systems with multiple decision makers*, **2018 Annual American Control Conference (ACC)**, Milwaukee, WI, (2018), pag. 6628 – 6633.
410. H. Mukaidani, H. Xu, Infinite Horizon Stackelberg Games with a Large Follower Population for Stochastic LPV Systems, **IEEE Control Systems Letters**, **6**, (2021), pag. 1034-1039
Citează: H. Mukaidani, M. Unno, H. Xu, V. Dragan, *Gain-scheduled Nash games with H_∞ constraint for stochastic LPV systems*, **IFAC-PapersOnLine**, **50(1)**, (2017)m pag. 1478 – 1483.
411. H. Mukaidani, H. Xu, Robust SOF Stackelberg game for stochastic LPV systems, **Science China Information Sciences**, **64**, (2021), 200202, doi.org/10.1007/s11432-021-3302-5
Citează: H. Mukaidani, M. Unno, H. Xu, V. Dragan, *Gain-scheduled Nash games with*

- H_∞ constraint for stochastic LPV systems, **IFAC-PapersOnLine**, **50**(1), (2017)m pag. 1478 – 1483.
412. H. Mukaidani, H. Xu, W. Zhuang, Robust static output feedback Nash strategy for uncertain Markov jump linear stochastic systems, **IET Control Theory and Applications**, (2021), DOI: 10.1049/cth2.12143
Citează: H. Mukaidani, M. Unno, H. Xu, V. Dragan, *Nash strategies of Markov jump stochastic systems applied to weakly-coupled large-scale systems*, **IFAC Proceedings Volumes**, **44**(1), (2011), pag 5884 – 5889.
413. J.S. Kricheli, A. Sadon, S. Arogeti, S. Regev, G. Weiss, Composition of Dynamic Control Objectives Based on Differential Games **29th Mediterranean Conference on Control and Automation (MED)**, (2021), DOI: 10.1109/MED51440.2021.9480269
Citează: T. Damm, V. Dragan, G. Freiling, *Coupled Riccati differential equations arising in connection with Nash differential games*, **IFAC Proceedings Volumes**, **41**(2), (2008), pag. 3946 – 3951.
414. Y. Liu, T. Hou, Infinite horizon LQ Nash Games for SDEs with infinite jumps. **Asian Journal of Control**, **23**(5), (2021), pag. 2431 – 2443
Citează: V. Dragan, 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.
415. J. Xu, W. Wang, H. Zhang, Stabilization of Discrete-Time Multiplicative-Noise System under Decentralized Controllers, **IEEE Transactions on Automatic Control**, (2021), doi: 10.1109/TAC.2021.3121208
Citează: H. Mukaidani, H. Xu, V. Dragan, *Decentralized H_2 Control for Multi-Channel Stochastic Systems*, **IEEE Transactions on Automatic Control**, **60**(4), (2014), pag. 1080 – 1086.
416. H. Ma, Detectability of Discrete-Time Mean-Field Linear Stochastic Systems with Periodic Coefficients, **Proceedings of 2021 Chinese Intelligent Systems Conference**, **805**, 2022 Part of the Lecture Notes in Electrical Engineering book series, doi.org/10.1007/978-981-16-6320-8-4
Citează: V. Dragan, S. Aberkane, *Exact detectability and exact observability of discrete-time linear stochastic systems with periodic coefficients*, **Automatica**, **112**, (2020), 108660.
417. Babei, Angelica; Rolen, Larry; Wagner, Ian The Riemann hypothesis for period polynomials of Hilbert modular forms, **J. Number Theory** **218** (2021), pag. 44–61
Citează: V. Pașol, A. Popa *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107**/4 (2013), pag. 713–743
418. Nordentoft, Asbjørn Christian, On the distribution of periods of holomorphic cusp forms and zeroes of period polynomials, **Int. Math. Res. Not. IMRN** (2021), no. 3, 1980–2006
Citează: V. Pașol, A. Popa *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107**/4 (2013), pag. 713–743

419. Lecouturier, Emmanuel, Mixed modular symbols and the generalized cuspidal 1-motive, **Trans. Amer. Math. Soc.** **374** (2021), no. 4, 2823–2872
Citează: V. Paşol, A. Popa *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), pag. 713–743
420. Lecouturier, Emmanuel, Mixed modular symbols and the generalized cuspidal 1-motive, **Trans. Amer. Math. Soc.** **374** (2021), no. 4, 2823–2872
Citează: V. Paşol, A. Popa *On the Petersson scalar product of arbitrary modular forms*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 753–760
421. Dalal, Tarun; Kumar, Narasimha, On mod \mathfrak{p} congruences for Drinfeld modular forms of level $\mathfrak{p}\mathfrak{m}$, **J. Number Theory** **228** (2021), 253–275
Citează: M. Barcau, V. Paşol, *mod p congruences for cusp forms of weight four for $\Gamma_0(pN)$* , **Int. J. Number Theory** **7** (2011), no. 2, 341–350.
422. Kajiura, Hiroshige, Fukaya categories of two-tori revisited, **J. Geom. Phys.** **160** (2021), Paper No. 103965, 18 pp.
Citează: Pasol, V.; Polishchuk, A., *Universal triple Massey products on elliptic curves and Hecke's indefinite theta series*, **Mosc. Math. J.** **5** (2005), no. 2, 443–461.
423. C. Davis, J.H. Park, A. Ray, Linear Independence of cables in the knot concordance group, **Trans. Amer. Math. Soc.** **376** (2021)(6), pag. 4449–4479
Citează: N.C. Bonciocat, *Schönemann-Eisenstein-Dumas-type irreducibility conditions that use arbitrarily many prime numbers*, **Comm. Alg.** **43** (2015) (8), pag. 3102–3122
424. S. Gupta, $D(-1)$ tuples in imaginary quadratic fields, **Acta Math. Hungarica** **164** (2021), pag. 556–569
Citează: N.C. Bonciocat, M. Cipu, M. Mignotte, *On $D(-1)$ -quadruples*, **Publ. Mat.** **56** (2012), pag. 279–304
425. J. Gutierrez, J.J. Urroz, On some classes of irreducible polynomials, **J. Symb. Comput.** **105** (2021)(July-August), pag. 64–70
Citează: N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, *Some Pólya-Type Irreducibility criteria for multivariate polynomials*, **Comm. Alg.** **40** (2012)(10), pag. 3733–3744
426. A. Dujella, Number Theory, **Školska knjiga** (2021), 636 pag.
Citează: N.C. Bonciocat, M. Cipu, M. Mignotte, *There is no Diophantine $D(-1)$ - quadruple*, **J. London Math. Soc.**, DOI 10.1112/jlms.12507
427. A. Dujella, M. Kazalicki, V. Petričević, $D(n)$ - quintuples with square elements, **Rev. Real Acad. Ciencias Exact., Fis. Nat.. Serie A. Matemáticas** **115** (2021), article number 172
Citează: N.C. Bonciocat, M. Cipu, M. Mignotte, *There is no Diophantine $D(-1)$ - quadruple*, **J. London Math. Soc.**, DOI 10.1112/jlms.12507
428. S. Gupta, $D(-1)$ tuples in imaginary quadratic fields, **Acta Math. Hungarica** **164** (2021), pag. 556–569
Citează: N.C. Bonciocat, M. Cipu, M. Mignotte, *There is no Diophantine $D(-1)$ - quadruple*, **J. London Math. Soc.**, DOI 10.1112/jlms.12507

429. N. Adžaga, A. Filipin, Y. Fujita, The extension of the $D(-k)$ -pair $\{k, k+1\}$ to a quadruple, **Periodica Math. Hungarica** (2021), <https://doi.org/10.1007/s10998-021-00424-8>
Citează: N.C. Bonciocat, M. Cipu, M. Mignotte, *There is no Diophantine $D(-1)$ - quadruple*, **J. London Math. Soc.**, DOI 10.1112/jlms.12507
430. Y. Fujita, The number of irregular Diophantine quadruples for a fixed Diophantine pair or triple, in **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. 788**, Amer. Math. Soc., Providence, RI, (2021), pag. 105–117
Citează: M. Cipu, A. Filipin, Y. Fujita *An infinite two-parameter family of Diophantine triples*, **Bull. Malay. Math. Soc.** **43** (2020), pag. 481–498
431. Y. Fujita, The number of irregular Diophantine quadruples for a fixed Diophantine pair or triple, in **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. 788**, Amer. Math. Soc., Providence, RI, (2021), pag. 105–117
Citează: M. Cipu, A. Dujella, Y. Fujita *Diophantine triples with largest two elements in common*, **Period. Math. Hung.** **82** (2021), pag. 56–68
432. M. Bliznac Trebješanin, Extension of a Diophantine triple with the property $D(4)$, **Acta Math. Hung.** **163** (2021), pag. 213–246
Citează: M. Cipu, Y. Fujita, T. Miyazaki *On the number of extensions of a Diophantine triple*, **Internat. J. Number Theory** **14** (2018), pag. 899–917
433. N. Adžaga, A. Filipin, A. Jurasić, The extensibility of the Diophantine triple $(2, b, c)$,, **An. St. Univ. Ovidius Constanța** **29** (2021), pag. 5–24
Citează: M. Cipu, Y. Fujita, T. Miyazaki *On the number of extensions of a Diophantine triple*, **Internat. J. Number Th.** **14** (2018), pag. 899–917
434. A. Filipin, A. Jurasić, Diophantine quadruples in $\mathbb{Z}[i][X]$, **Period. Math. Hung.** **82** (2021), pag. 198–212
Citează: M. Cipu, Y. Fujita, T. Miyazaki *On the number of extensions of a Diophantine triple*, **Internat. J. Number Th.** **14** (2018), pag. 899–917
435. A. Dujella, **Number Theory** (Školska kniga, d. d., Zagreb, 2021)
Citează: M. Cipu, Y. Fujita, T. Miyazaki *On the number of extensions of a Diophantine triple*, **Internat. J. Number Theory** **14** (2018), pag. 899–917
436. K. N. Adéji, B. He, Á. Pintér, A. Togbé, On the Diophantine pair $\{a, 3a\}$, **J. Number Theory** **227** (2021), pag. 330–351
Citează: M. Cipu, Y. Fujita, T. Miyazaki *On the number of extensions of a Diophantine triple*, **Internat. J. Number Theory** **14** (2018), pag. 899–917
437. Y. Fujita, The number of irregular Diophantine quadruples for a fixed Diophantine pair or triple, in **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. 788**, Amer. Math. Soc., Providence, RI, (2021), pag. 105–117

Citează: M. Cipu, Y. Fujita, T. Miyazaki *On the number of extensions of a Diophantine triple*, **Internat. J. Number Theory** **14** (2018), pag. 899–917

438. 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 *Explicit formula for the solution of simultaneous Pell equations $x^2 - (a^2 - 1)y^2 = 1$, $y^2 - bz^2 = 1$* , **Proc. Amer. Math. Soc.** **146** (2018), pag. 983–992
439. 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 *Explicit formula for the solution of simultaneous Pell equations $x^2 - (a^2 - 1)y^2 = 1$, $y^2 - bz^2 = 1$* , **Proc. Amer. Math. Soc.** **146** (2018), pag. 983–992
440. K. N. Adéji, B. He, Á. Pintér, A. Togbé, On the Diophantine pair $\{a, 3a\}$, **J. Number Theory** **227** (2021), pag. 330–351
 Citează: M. Cipu, Y. Fujita, M. Mignotte *Two-parameter families of uniquely extendable Diophantine triples*, **Science in China, Mathematics** **61** (2018), pag. 421–438
441. Y. Fujita, The number of irregular Diophantine quadruples for a fixed Diophantine pair or triple, in **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.** **788**, Amer. Math. Soc., Providence, RI, (2021), pag. 105–117
 Citează: M. Cipu, Y. Fujita, M. Mignotte *Two-parameter families of uniquely extendable Diophantine triples*, **Science in China, Mathematics** **61** (2018), pag. 421–438
442. N. Adžaga, A. Filipin, A. Jurasić, The extensibility of the Diophantine triple $(2, b, c)$, **An. Șt. Univ. Ovidius Constanța** **29** (2021), pag. 5–24
 Citează: M. Cipu, A. Filipin, Y. Fujita *Bounds for Diophantine quintuples II*, **Publ. Math. Debrecen** **88** (2016), pag. 59–78
443. Y. Fujita, The number of irregular Diophantine quadruples for a fixed Diophantine pair or triple, in **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.** **788**, Amer. Math. Soc., Providence, RI, (2021), pag. 105–117
 Citează: M. Cipu, A. Filipin, Y. Fujita *Bounds for Diophantine quintuples II*, **Publ. Math. Debrecen** **88** (2016), pag. 59–78
444. M. Bliznac Trebješanin, Extension of a Diophantine triple with the property $D(4)$, **Acta Math. Hung.** **163** (2021), pag. 100 – 101
 Citează: M. Cipu, Y. Fujita *Bounds for Diophantine quintuples*, **Glas. Math. Ser. III** **50** (2015), pag. 25–34
445. L. H. Gallardo, On the prime factors of $\Phi_P(M)$, **Integers** **21** (2021), #A70, 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** **22** (2014), pag. 73–84

446. J. Gutierrez, J. J. Urroz, On some classes of irreducible polynomials, **J. Symb. Comput.** **105** (2021), pag. 64–70
Citează: N. C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte *Some Pólya-type irreducibility criteria for multivariate polynomials*, **Comm. Alg.** **40** (2012), pag. 3733–3744
447. Y. Fujita, The number of irregular Diophantine quadruples for a fixed Diophantine pair or triple, in **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.** **788**, Amer. Math. Soc., Providence, RI, (2021), pag. 105–117
Citează: M. Cipu *Further remarks on Diophantine quintuples*, **Acta Arith.** **168** (2015), pag. 201–219
448. K. Chung, Sheaf theoretic compactifications of the space of rational quartic plane curves, **Taiwanese J. Math.** **25** (2021), pag. 463–476
Citează: J. Choi, K. Chung, M. Maican, *Moduli of sheaves supported on quartic space curves*, **Michigan Math. J.** **65** (2016), pag. 637–671
449. Guillaume Dubach, Yuval Peled, On words of non-Hermitian random matrices, **49(4)** (2021), pag. 1886–1916
Citeaza: Florin Rădulescu, *Combinatorial aspects of Connes's embedding conjecture and asymptotic distribution of traces of products of unitaries*, Theta Series Advances in Mathematics, Operator Theory 20, pp 197–205.
450. J. Brude, R. Sasyk, Metric approximations of unrestricted wreath products when the acting group is amenable, **Comm. Alg.** 2021 *Citeaza:* Florin Rădulescu, *The von Neumann algebra of the non-residually finite Baumslag group $\langle a, b | ab^3a^{-1} = b^2 \rangle$ embeds into R^ω* , Hot topics in operator theory, Theta Ser. Adv. Math., vol. 9, Theta, Bucharest, (2008), pag. 173. – 185
451. Y. Jiang, Maximal von Neumann subalgebras arising from maximal subgroups, **Science China Mathematics** volume **64**, pages 2295–2312 (2021) *Citeaza:* Florin Rădulescu, *The Fundamental Group of the Von Neumann Algebra of a Free Group with Infinitely Many Generators is $R_+\{0\}$* , J. Amer. Math. Soc., 1992, 5, pp. 517–532.
452. Y. Jiang, Maximal von Neumann subalgebras arising from maximal subgroups, **Science China Mathematics** volume **64**, pages 2295–2312 (2021) *Citeaza:* Florin 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.
453. S. Popa, On Ergodic Embeddings of Factors, **Communications in Mathematical Physics** volume **384**, pages 971–996 (2021) *Citeaza:* Florin 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.
454. M. Caspers, M. Klisse, N. Larsen, Graph product Khintchine inequalities and Hecke C*-algebras: Haagerup inequalities, (non)simplicity, nuclearity and exactness, **J. Funct. Anal.** **280**, Issue 1, *Citeaza:* Florin 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.

455. JL Romero, JT van Velthoven, The density theorem for discrete series representations restricted to lattices, *Expos. Math.*, 2021 *Citeaza:* Florin Rădulescu, The Γ -equivariant form of the Berezin quantization of the upper half plane **Mem. Amer. Math. Soc.**, **133** (630) (1998), p. viii+70
456. M. Heida, S. Neukmann and M. Varga, Stochastic homogenization of λ -convex gradient flows, **Discrete and Continuous Dynamical Systems Series S** **14** (2021), pag. 427 – 453
Citeaza: 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
457. O. Zabeti, AM-Spaces from a Locally Solid Vector Lattice Point of View with Applications, **Bull. Iranian Math. Soc.** **47** (2021), pag. 1559-1569
Citeaza: V. Timofte, *Generalized Dini theorems for nets of functions on arbitrary sets*, **Positivity** **20** (2016), pag. 171 – 185
458. S. Sanders, Nets and reverse mathematics A pilot study, **Computability-The Journal of the Association CIE** **10** (2021), pag. 31-62
Citeaza: V. Timofte, *Generalized Dini theorems for nets of functions on arbitrary sets*, **Positivity** **20** (2016), pag. 171 – 185
459. X. Liu, Y. Liu, Y. Chen, H. V. Poor, AM-Spaces from a Locally Solid Vector Lattice Point of View with Applications, **IEEE Journal on Selected Areas in Communications** **39** (2021), pag. 1057-1071
Citează: V. Timofte, A. Timofte, L.A. Khan *StoneWeierstrass and extension theorems in the nonlocally convex case*, **J. Math. Anal. Appl.** **462** (2018), pag. 1536–1554
460. Ammar, M, Polyhomogeneities of metrics compatible with a Lie structure at infinity along the Ricci flow, **Ann. Inst. H. Poincare - Analyse non Lineaire** **38** (2021), pag. 1795-1840
Citează: R. Lauter, S. Moroianu, *Fredholm theory for degenerate pseudodifferential operators on manifolds with fibered boundaries*, **Comm. Partial. Diff. Eq** **26** (2001), pag. 233 – 283.
461. A. Baldare, R. Come, M. Lesch, V. Nistor, Fredholm conditions for invariant operators: finite abelian groups and boundary value problems, **J. Operator Theory** **85** (2021), pag. 229 – 256
Citează: R. Lauter, S. Moroianu, *Fredholm theory for degenerate pseudodifferential operators on manifolds with fibered boundaries*, **Comm. Partial. Diff. Eq** **26** (2001), pag. 233 – 283.
462. A. Baldare, R. Come, M. Lesch, V. Nistor, Fredholm conditions and index for restrictions of invariant pseudodifferential operators to isotypical components, **Muenster J. Math.** **14** (2021), pag. 403–443
Citează: R. Lauter, S. Moroianu, *Fredholm theory for degenerate pseudodifferential operators on manifolds with fibered boundaries*, **Comm. Partial. Diff. Eq** **26** (2001), pag. 233 – 283.

463. N. Ginoux, G. Habib, I. Kath, Skew Killing spinors in four dimensions, **Ann. Global Analysis Geom.** **59** (2021), pag. 501 – 535
Citează: B. Ammann, A. Moroianu, S. Moroianu, *The Cauchy Problems for Einstein Metrics and Parallel Spinors*, **Comm. Math. Phys** **320** (2013), pag. 173-198.
464. N.V. Dang, B. Zhang, Renormalization of Feynman amplitudes on manifolds by spectral zeta regularization and blow-ups, **J. European Math. Soc** **23** (2021), pag. 503 – 556
Citează: C. Bar, S. Moroianu, *Heat kernel asymptotics for roots of generalized Laplacians*, **Int. J. Math.** **14** (2003), pag. 397 – 412.
465. T. Ichikawa, Chern-Simons Invariant and Deligne-Riemann-Roch isomorphism, **Trans. Amer. Math. Soc** **374** (2021), pag. 2987 – 3005
Citează: C. Guillarmou, S. Moroianu, *Chern-Simons line bundle on Teichmüller space*, **Geometry & Topology** **18** (2014), pag. 327 – 377.
466. N. Ginoux, G. Habib, U. Semmelmann, An Obata-type characterization of doubly-warped product Kahler manifolds, **Muenster J. Math.** **14** (2021), pag. 295 – 321
Citează: A. Moroianu, S. Moroianu, *The Dirac Operator on Generalized Taub-NUT Spaces*, **Comm. Math. Phys.** **305** (2011), pag. 641 – 656.
467. P.P. Pandey, Non-divisibility of class numbers and prime values of polynomials, **Mathematika** **67** (2021), pag. 369–578
Citează: A.A. Popa, D. Zagier, *A combinatorial refinement of the Kronecker-Hurwitz class number relation*, **Proc. Amer. Math. Soc.** **145/3** (2017), pag. 1003-1008,
468. Cheng, Yao. Special value formula for the twisted triple product L-function and an application to the restricted L2-norm problem, **Forum Mathematicum** **33** (2021), pag. 59-108
Citează: A.A. Popa, *Whittaker newforms for archimedean representations of $GL(2)$* , **J. Number Th.** **128** (2008), pag. 1637 – 1645
469. A. Babei, L. Rolen, I. Wagner, The Riemann hypothesis for period polynomials of Hilbert modular forms, **J. Number Th.** **218** (2021), pag. 44 – 61
Citează: V. Pasol, A.A. Popa, *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), pag. 713 – 743
470. A.C. Nordentoft, On the Distribution of Periods of Holomorphic Cusp Forms and Zeroes of Period Polynomials **IMRN** **2021/3** (2021), pag. 1980–2006
Citeaza: V. Pasol, A.A. Popa, *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), pag. 713 – 743
471. E. Lecouturier, Mixed modular symbols and the generalized cuspidal 1-motive, **Trans. Amer. Math. Soc.** **374** (2021), pag. 2823-2872
Citeaza: V. Pasol, A.A. Popa, *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), pag. 713 – 743
472. A. Ash, D. Yasaki, Steinberg homology, modular forms, and real quadratic fields, **J. Number Th.** **224** (2021), pag. 323–367
Citeaza: A.A. Popa, *Central values of Rankin L-series over real quadratic fields*. **Comp. Math.** **142** (2006), pag. 811 – 866

473. A. Bera, A. Chanda, L.K. Dey, J. Ali, Iterative approximation of fixed points of a general class of non-expansive mappings in hyperbolic metric spaces, **J. Appl. Math. Comput.** (2021), <https://doi.org/10.1007/s12190-021-01592-z>
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
474. R.A. Borzooei, N. Akhlaghinia, M.A. Kologani, X.L. Xin, The category of EQ-algebras, **Bull. Sect. Logic** (2021), <https://doi.org/10.18778/0138-0680.2021.01>
Citeaza: G. Georgescu, L. Leuştean, *Some classes of pseudo-BL-algebras*, **J. Australian Math. Soc.** **73** (2002), pag. 127 – 153
475. R.A. Borzooei, G.R. Rezaei, M.A. Kologani, Falling shadow theory with applications in hoops, **Bull. Sect. Logic** (2021), <https://doi.org/10.18778/0138-0680.2021.03>
Citeaza: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **J. Multiple-Valued Logic Soft Computing** **11** (2005), pag. 153 – 184
476. R.A. Borzooei, G.R. Rezaei, M.A. Kologani, Y.B. Jun, Soju Filters in Hoop Algebras, **Bulletin of the Section of Logic** **50** (2021), pag. 97 – 123
Citeaza: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **J. Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
477. P. Chaipunya, F. Kohsaka, P. Kumam, Monotone Vector Fields and Generation of Non-expansive Semigroups in Complete CAT(0) Spaces, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 989 – 1018
Citeaza: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Trans. Amer. Math. Soc.** **366** (2014), pag. 4299 – 4322
478. P. Chuadchawna, A. Farajzadeh, A. Kaewcharoen, Convergence theorems for total asymptotically nonexpansive single-valued and quasi nonexpansive multi-valued mappings in hyperbolic spaces, **J. Appl. Anal.** **27** (2021), pag. 129 – 142
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in CAT(0)-spaces*, **J. Math. Anal. Appl.** **325** (2007), pag. 386 – 399
479. P. Chuadchawna, A. Farajzadeh, A. Kaewcharoen, Convergence theorems for total asymptotically nonexpansive single-valued and quasi nonexpansive multi-valued mappings in hyperbolic spaces, **Journal of Applied Analysis** **27** (2021), pag. 129 – 142
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
480. L.C. Ciungu, Monadic classes of quantum B-algebras, **Soft Computing** **25** (2021), pag. 1 – 14
Citeaza: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **J. Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
481. L.C. Ciungu, Derivation operators on generalized algebras of BCK logic, **Fuzzy Sets and Systems** **407** (2021), pag. 175 – 191
Citeaza: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **J. Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184

482. L.C. Ciungu, Results in L -algebras, **Algebra universalis** **82** (2021),
Citeaza: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **J.Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
483. B. Dinis, P. Pinto, On the convergence of algorithms with Tikhonov regularization terms, **Opt. Lett.** **15** (2021), pag. 1263 – 1276
Citeaza: L. Leuştean, P. Pinto, *Quantitative results on Halpern type proximal point algorithms*, **Comput. Opt. Appl.** **79** (2021), pag. 101 – 125
484. B. Dinis, P. Pinto, On the convergence of algorithms with Tikhonov regularization terms, **Optimization Letters** **15** (2021), pag. 1263 – 1276
Citeaza: F. Ferreira, L. Leuştean, P. Pinto, *On the removal of weak compactness arguments in proof mining*, **Adv. Math.** **354** (2019), 106728, 55p.
485. A.A. Eldred, S.J. Jayashree, Strong and Δ -convergence of Ishikawa iterates of mixed type nonexpansive mappings in hyperbolic spaces, **The Journal of Analysis** (2021), <https://doi.org/10.1007/s41478-021-00314-9>
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in CAT(0)-spaces*, **J. Math. Anal. Appl.** **325** (2007), pag. 386 – 399
486. A.A. Eldred, S.J. Jayashree, Strong and Δ -convergence of Ishikawa iterates of mixed type nonexpansive mappings in hyperbolic spaces, **The Journal of Analysis** (2021), <https://doi.org/10.1007/s41478-021-00314-9>
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
487. A. Evangelidis, D. Parker, Quantitative verification of Kalman filters, **Formal Aspects of Computing** **33** (2021), pag. 669 – 693
Citeaza: G. Roşu, R.P. Venkatesan, J. Whittle, L. Leuştean, *Certifying optimality of state estimation programs*, **CAV 2003**, Lecture Notes in Computer Science 2725 (2003), pag. 301 – 314
488. F. Ferreira, The abstract type of the real numbers, **Arch. Math. Logic** **60** (2021), pag. 1005 – 1017
Citeaza: F. Ferreira, L. Leuştean, P. Pinto, *On the removal of weak compactness arguments in proof mining*, **Adv. Math.** **354** (2019), 106728, 55p.
489. G. Georgescu, Flat topology on the spectra of quantales, **Fuzzy Sets and Systems** **406** (2021), pag. 22 – 41
Citeaza: L. Leuştean, *Representations of many-valued algebras*, PhD Thesis, Universitatea din Bucureşti, 2004
490. G. Georgescu, Reticulation of a quantale, pure elements and new transfer properties, **Fuzzy Sets and Systems** (2021),
Citeaza: L. Leuştean, *Representations of many-valued algebras*, PhD Thesis, Universitatea din Bucureşti, 2004
491. G. Georgescu, Flat topology on the spectra of quantales, **Fuzzy Sets and Systems** **406** (2021), pag. 22 – 41
Citeaza: G. Georgescu, L. Leuştean, C. Mureşan, *Maximal residuated lattices with lifting boolean center*, **Algebra universalis volume** **63** (2010), pag. 83 – 99

492. C. Izuchukwu, G.C. Ugwunnadi, O.T. Mewomo, Iterative algorithm for a family of generalized strictly pseudononspreading mappings in CAT(0) spaces, **Bol. Soc.Matem. Mexicana** **27** (2021), 15, <https://doi.org/10.1007/s40590-021-00340-4>
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
493. A.R. Khan, H. Fukhar-ud-din, D.M. Oyetunbi, Kirk type iteration process and convex feasibility problem in CAT(0) space, **Afrika Matematika** **32** (2021), pag. 543 – 554
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
494. S. Khatoon, I. Uddin, M. Basarir, A modified proximal point algorithm for a nearly asymptotically quasi-nonexpansive mapping with an application, **Computational and Applied Mathematics** **40** (2021), article number 250
Citeaza: 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
495. U. Kohlenbach, Proof-theoretic uniform boundedness and bounded collection principles and countable Heine–Borel compactness, **Arch. Mathe. Logic** **60** (2021), pag. 995–1003
Citeaza: U. Kohlenbach, L. Leuştean, *Mann iterates of directionally nonexpansive mappings in hyperbolic spaces*, **Abstract and Applied Analysis** **2003** (2003), pag. 449 – 477
496. U. Kohlenbach, Proof-theoretic uniform boundedness and bounded collection principles and countable Heine–Borel compactness, **Arch. Math. Logic** **60** (2021), pag. 995–1003
Citeaza: F. Ferreira, L. Leuştean, P. Pinto, *On the removal of weak compactness arguments in proof mining*, **Adv. Math.** **354** (2019), 106728, 55p.
497. U. Kohlenbach, Quantitative results on the Proximal Point Algorithm in uniformly convex Banach spaces, **J. Convex Anal.** **28** (2021), pag. 11 – 18
Citeaza: U. Kohlenbach, L. Leuştean, A. Nicolae, *Quantitative results on Fejér monotone sequences*, **Communications in Contemporary Mathematics** **20** (2018), 1750015
498. U. Kohlenbach, Quantitative results on the Proximal Point Algorithm in uniformly convex Banach spaces, **J. Convex Anal.** **28** (2021), pag. 11 – 18
Citeaza: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553 – 577
499. U. Kohlenbach, On the proximal point algorithm and its Halpern-type variant for generalized monotone operators in Hilbert space, **Opt. Lett.** (2021),
<https://doi.org/10.1007/s11590-021-01738-9>
Citeaza: U. Kohlenbach, L. Leuştean, A. Nicolae, *Quantitative results on Fejér monotone sequences*, **Communications in Contemporary Mathematics** **20** (2018), 1750015
500. U. Kohlenbach, G. López-Acedo, A. Nicolae, A uniform betweenness property in metric spaces and its role in the quantitative analysis of the “Lion-Man” game, **Pacific J. Math.** **310** (2021), pag. 181 – 212
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209

501. U. Kohlenbach, A. Sipoş, The finitary content of sunny nonexpansive retractions, **Comm. Contemp. Math.** **23** (2021), 1950093
Citeaza: U. Kohlenbach, L. Leuştean, *Effective metastability of Halpern iterates in CAT(0) spaces*, **Adv. Math.** **231** (2012), pag. 2526–2556
502. U. Kohlenbach, A. Sipoş, The finitary content of sunny nonexpansive retractions, **Commun. Contemp. Math.** **23** (2021), 1950093
Citeaza: U. Kohlenbach, L. Leuştean, *On the computational content of convergence proofs via Banach limits*, **Phil. Trans. Royal Soc.. Series A. Math., Phys. Eng. Sciences** **370** (2012), pag. 3449 – 3463
503. U. Kohlenbach, A. Sipoş, The finitary content of sunny nonexpansive retractions, **Commun. Contemp. Math.** **23** (2021), 1950093
Citeaza: F. Ferreira, L. Leuştean, P. Pinto, *On the removal of weak compactness arguments in proof mining*, **Adv. Math.** **354** (2019), 106728, 55p.
504. U. Kohlenbach, A. Sipoş, The finitary content of sunny nonexpansive retractions, **Commun. Contemp. Math.** **23** (2021), 1950093
Citeaza: L. Leuştean, A. Nicolae, *Effective results on nonlinear ergodic averages in CAT(κ) spaces*, **Ergodic Th. Dynamical Syst.** **36** (2016), pag. 2580 – 2601
505. F. Lieder, On the convergence rate of the Halpern-iteration, **Optimization Letters** **15** (2021), pag. 405 – 418
Citeaza: U. Kohlenbach, L. Leuştean, *Effective metastability of Halpern iterates in CAT(0) spaces*, **Adv. Math.** **231** (2012), pag. 2526–2556
506. F. Lieder, On the convergence rate of the Halpern-iteration, **Optimization Letters** **15** (2021), pag. 405 – 418
Citeaza: L. Leuştean, *Rates of asymptotic regularity for Halpern iterations of nonexpansive mappings*, **J. Univ. Computer Sci.** **13** (2007), pag. 1680 – 1691
507. O.K. Oyewole, K.O. Aremu, O.T. Mewomo, A multi step inertial algorithm for approximating a common solution of split generalized mixed equilibrium and minimization problems, **Ric. Mat.** (2021), <https://doi.org/10.1007/s11587-021-00624-x>
Citeaza: D. Ariza-Ruiz, L. Leuştean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Trans. Amer. Math. Soc.** **366** (2014), pag. 4299 – 4322
508. D.M. Oyetunbi, A.R. Khan, Approximating common endpoints of multivalued generalized nonexpansive mappings in hyperbolic spaces, **Applied Math. Computation** **321** (2021), 125699
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
509. A. Paad, Tense Operators on BL-algebras and its Applications, **Bull. Section of Logic** (2021), <https://doi.org/10.18778/0138-0680.2021.11>
Citeaza: G. Georgescu, L. Leuştean, *Some classes of pseudo-BL-algebras*, **J. Australian Math. Soc.** **73** (2002), pag. 127 – 153
510. P. Pinto, A Rate of Metastability for the Halpern Type Proximal Point Algorithm, **Numerical Functional Analysis and Optimization** **42** (2021), pag. 320 – 343

Citeaza: L. Leuştean, A. Nicolae, A. Sipoş, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553 – 577

511. P. Pinto, A Rate of Metastability for the Halpern Type Proximal Point Algorithm, **Numerical Functional Analysis and Optimization** **42** (2021), pag. 320 – 343
Citeaza: U. Kohlenbach, L. Leuştean, *Effective metastability of Halpern iterates in CAT(0) spaces*, **Adv. Math.** **231** (2012), pag. 2526–2556
512. P. Pinto, A Rate of Metastability for the Halpern Type Proximal Point Algorithm, **Numerical Functional Analysis and Optimization** **42** (2021), pag. 320 – 343
Citeaza: L. Leuştean, A. Sipoş, *An application of proof mining to the proximal point algorithm in CAT(0) spaces*, **Mathematics Almost Everywhere. In Memory of Solomon Marcus**, editori: A. Bellow, C. Calude, T. Zamfirescu, World Scientific (2018), pag. 153 – 168, ISBN: 978-981-3237-30-8
513. P. Pinto, A Rate of Metastability for the Halpern Type Proximal Point Algorithm, **Numerical Functional Analysis and Optimization** **42** (2021), pag. 320 – 343
Citeaza: U. Kohlenbach, L. Leuştean, A. Nicolae, *Quantitative results on Fejér monotone sequences*, **Communications in Contemporary Mathematics** **20** (2018), 1750015
514. P. Pinto, A Rate of Metastability for the Halpern Type Proximal Point Algorithm, **Numerical Functional Analysis and Optimization** **42** (2021), pag. 320 – 343
Citeaza: F. Ferreira, L. Leuştean, P. Pinto, *On the removal of weak compactness arguments in proof mining*, **Adv. Math.** **354** (2019), 106728, 55p.
515. P. Pinto, A Rate of Metastability for the Halpern Type Proximal Point Algorithm, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 320 – 343
Citeaza: L. Leuştean, A. Sipoş, *Effective strong convergence of the proximal point algorithm in CAT(0) spaces*, **J. Nonlinear Var. Anal.** **2** (2018), pag. 219 – 228
516. N. Pischke, U. Kohlenbach, Quantitative analysis of a subgradient-type method for equilibrium problems, **Numer. Alg.s** (2021), <https://doi.org/10.1007/s11075-021-01184-9>
Citeaza: U. Kohlenbach, L. Leuştean, A. Nicolae, *Quantitative results on Fejér monotone sequences*, **Commun. Contemp. Math.** **20** (2018), 1750015
517. D. Poças, J. Zucker, Tracking computability of GPAC-generable functions, **J. Logic Comp.** **31** (2021), pag. 326 – 346
Citeaza: U. Kohlenbach, L. Leuştean, *Asymptotically nonexpansive mappings in uniformly convex hyperbolic spaces*, **J. Eur. Math. Soc.** **12** (2010), pag. 71 – 92
518. S. Rasouli, Rickart residuated lattices, **Soft Computing** **25** (2021), pag. 13823 – 13840
Citeaza: L. Leuştean, *Representations of many-valued algebras*, PhD Thesis, Universitatea din Bucureşti, 2004
519. S. Rasouli, A. Dehghani, The hull-kernel topology on prime filters in residuated lattices, **Soft Computing** **25** (2021), pag. 10519 – 10541
Citeaza: L. Leuştean, *The prime and maximal spectra and the reticulation of BL-algebras*, **Central Eur. J. Math.** **1** (2003), pag. 382 – 397

520. D.R. Sahu, A. Kumar, S.M. Kang, Proximal point algorithms based on S -iterative technique for nearly asymptotically quasi-nonexpansive mappings and applications, **Numer. Alg.** **86** (2021), pag. 1561 – 1590
Citeaza: D. Ariza-Ruiz, L. Leuștean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Trans. Amer. Math. Soc.** **366** (2014), pag. 4299 – 4322
521. A. Sipoș, A quantitative multiparameter ergodic theorem, **Pacific J. Math.** **314** (2021), pag. 209 – 218
Citeaza: F. Ferreira, L. Leuștean, P. Pinto, *On the removal of weak compactness arguments in proof mining*, **Adv. Math.** **354** (2019), 106728, 55p.
522. A. Sipoș, A quantitative multiparameter ergodic theorem, **Pacific J. Math.** **314** (2021), pag. 209 – 218
Citeaza: U. Kohlenbach, L. Leuștean, *A quantitative Mean Ergodic Theorem for uniformly convex Banach spaces*, **Ergodic Th. Dynamical Systems** **29** (2009), pag. 1907 – 1915
523. A. Sipoș, A quantitative multiparameter ergodic theorem, **Pacific J. Math.** **314** (2021), pag. 209 – 218
Citeaza: U. Kohlenbach, L. Leuștean, *Effective metastability of Halpern iterates in CAT(0) spaces*, **Adv. Math.** **231** (2012), pag. 2526–2556
524. A. Sipoș, A quantitative multiparameter ergodic theorem, **Pacific J. Math.** **314** (2021), pag. 209 – 218
Citeaza: U. Kohlenbach, L. Leuștean, *On the computational content of convergence proofs via Banach limits*, **Phil. Trans. Royal Soc., Series A. Mathematical, Physical and Engineering Sciences** **370** (2012), pag. 3449 – 3463
525. A. Sipoș, A quantitative multiparameter ergodic theorem, **Pacific J. Math.** **314** (2021), pag. 209 – 218
Citeaza: L. Leuștean, A. Nicolae, *Effective results on compositions of nonexpansive mappings*, **J. Math. Anal. Appl.** **410** (2014), pag. 902 – 907
526. A. Sipoș, Revisiting jointly firmly nonexpansive families of mappings, **Optimization** (2021)
Citeaza: D. Ariza-Ruiz, L. Leuștean, G. López-Acedo, *Firmly nonexpansive mappings in classes of geodesic spaces*, **Trans. Amer. Math. Soc.** **366** (2014), pag. 4299 – 4322
527. A. Sipoș, Revisiting jointly firmly nonexpansive families of mappings, **Optimization** (2021)
Citeaza: L. Leuștean, A. Nicolae, A. Sipoș, *An abstract proximal point algorithm*, **J. Global Opt.** **72** (2018), pag. 553 – 577
528. A. Sipoș, Construction of Fixed Points of Asymptotically Nonexpansive Mappings in Uniformly Convex Hyperbolic Spaces, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 696 – 711
Citeaza: L. Leuștean, *A quadratic rate of asymptotic regularity in CAT(0)-spaces*, **J. Math. Anal. Appl.** **325** (2007), pag. 386 – 399
529. A. Sipoș, Construction of Fixed Points of Asymptotically Nonexpansive Mappings in Uniformly Convex Hyperbolic Spaces, **Numer. Funct. Anal. Opt.** **42** (2021), pag.

696 – 711

Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W-hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209

530. A. Sipoş, Construction of Fixed Points of Asymptotically Nonexpansive Mappings in Uniformly Convex Hyperbolic Spaces, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 696 – 711
Citeaza: L. Leuştean, *An application of proof mining to nonlinear iterations*, **Ann. Pure Appl. Logic** **165** (2014), pag. 1484 – 1500
531. A. Sipoş, Construction of Fixed Points of Asymptotically Nonexpansive Mappings in Uniformly Convex Hyperbolic Spaces, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 696 – 711
Citeaza: U. Kohlenbach, L. Leuştean, *Asymptotically nonexpansive mappings in uniformly convex hyperbolic spaces*, **J. Eur. Math. Soc.** **12** (2010), pag. 71 – 92
532. A. Sipoş, Construction of Fixed Points of Asymptotically Nonexpansive Mappings in Uniformly Convex Hyperbolic Spaces, **Numer. Funct. Anal. Opt.** **42** (2021), pag. 696 – 711
Citeaza: U. Kohlenbach, L. Leuştean, *A quantitative Mean Ergodic Theorem for uniformly convex Banach spaces*, **Ergodic Th. Dynamical Systems** **29** (2009), pag. 1907 – 1915
533. T. Thianwan, Mixed Type Algorithms for Asymptotically Nonexpansive Mappings in Hyperbolic Spaces, **Eur. J. Pure Appl. Math.** **14** (2021), pag. 650 – 665
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in CAT(0)-spaces*, **J. Math. Anal. Appl.** **325** (2007), pag. 386 – 399
534. S. Tomar, An effective approach for solving a class of nonlinear singular boundary value problems arising in different physical phenomena, **Int. J. Comp. Math.** **98** (2021), pag. 2060 – 2077
Citeaza: L. Leuştean, A. Nicolae, *Effective results on compositions of nonexpansive mappings*, **J. Math. Anal. Appl.** **410** (2014), pag. 902 – 907
535. D. Yambangwai, T. Thianwan, Δ -Convergence and Strong Convergence for Asymptotically Nonexpansive Mappings on a CAT(0) Space, **Thai J. Math.** **19** (2021), pag. 813 – 826
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in CAT(0)-spaces*, **J. Math. Anal. Appl.** **325** (2007), pag. 386 – 399
536. A. Warren, Fluctuation bounds for ergodic averages of amenable groups, **Bull. London Math. Soc.** (2021), <https://doi.org/10.1112/blms.12544>
Citeaza: U. Kohlenbach, L. Leuştean, *A quantitative Mean Ergodic Theorem for uniformly convex Banach spaces*, **Ergodic Th. Dynamical Systems** **29** (2009), pag. 1907 – 1915
537. X. Zhang, J. Yang, The spectra and reticulation of EQ-algebras, **Soft Computing** **25** (2021), pag. 8085 – 8093
Citeaza: L. Leuştean, *Representations of many-valued algebras*, PhD Thesis, Universitatea din Bucureşti, 2004

538. X. Zhang, J. Yang, The spectra and reticulation of EQ-algebras, **Soft Computing** **25** (2021), pag. 8085 – 8093
Citeaza: L. Leuştean, *The prime and maximal spectra and the reticulation of BL-algebras*, **Central Eur. J. Math.** **1** (2003), pag. 382 – 397
539. M.N. Aung, Y. Phy, C.M. Do, K. Ogata: A Divide and Conquer Approach to Eventual Model Checking, **Mathematics** **9(4)**, (2021)
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
540. D. D. Tran, D. D. Bui, K. Ogata: Simulation-Based Invariant Verification Technique for the OTS/CafeOBJ Method, **IEEE Access**, **(9)** (2021), pag. 93847–93870.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
541. K. Futatsugi: Advances of Proof Scores in CafeOBJ, **2021 International Symposium on Theoretical Aspects of Software Engineering (TASE)** (2021) pag. 3–12.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
542. 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.
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.
543. A. Blumensath: Algebraic Language Theory for Eilenberg–Moore Algebras, **Log. Meth. Comp. Sci.** **17** (2021)
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
544. 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.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
545. A. Popescu, D. Traytel: Distilling the Requirements of Gödel’s Incompleteness Theorems with a Proof Assistant, **J. Autom Reasoning** **65** (2021) pag. 1027–1070.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
546. D.A.J. Gomez Ramirez: (Initial) Global Taxonomy of the Most Fundamental Cognitive (Metamathematical) Mechanisms Used in Mathematical Creation/Invention. In: *Artificial Mathematical Intelligence* Springer (2021) pag. 165–198.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).

547. D.A.J. Gomez Ramirez: Conceptual Blending in Mathematical Creation/Invention. In: *Artificial Mathematical Intelligence*. Springer (2021) pag. 109–131.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
548. S. Buro, R.L. Crole, I. Mastroeni: On Multi-language Abstraction. In: Pichardie D., Sighireanu M. (eds) **Static Analysis. SAS 2020. Lecture Notes in Computer Science 12389.** (2021) Springer, Cham. pag. 310–332.
Citează: J.A. Goguen, R. Diaconescu: An Oxford survey of order sorted algebra, **Math. Struct. Comput. Sci.** **4(3)** (1994) pag. 363–392.
549. R. Rubio, N. Martí-Oliet, I. Pita, A. Verdejo: Strategies, model checking and branching-time properties in Maude, **J. Log. Alg. Meth. Progr.** **123** (2021)
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theor. Comp. Sci.** **285**, (2002) pag. 289–318.
550. K. Futatsugi: Advances of Proof Scores in CafeOBJ, **2021 International Symposium on Theoretical Aspects of Software Engineering (TASE)** (2021) pag. 3–12.
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theor. Comp. Sci.** **285**, (2002) pag. 289–318.
551. C. Reynolds: Formalizing the Institution for Event-B in the Coq Proof Assistant. In: Raschke A., Méry D. (eds) **Rigorous State-Based Methods. ABZ 2021. Lecture Notes in Computer Science 12709.** (2021) pag. 162–166.
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.
552. T. Rosenberger, S. Bensalem, A. Knapp, M. Roggenbach: Institution-Based Encoding and Verification of Simple UML State Machines in CASL/SPASS. In: Roggenbach M. (eds) **Recent Trends in Algebraic Development Techniques. WADT 2020. Lecture Notes in Computer Science 12669** (2021) Springer, Cham, pag. 120–141.
Citeaza: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science 26(5)** (2016), pag. 745 – 788
553. M. Jain, L. Gomes, A. Madeira, L. S. Barbosa: Towards a specification theory for fuzzy modal logic, **2021 International Symposium on Theoretical Aspects of Software Engineering (TASE)** (2021) pag. 175–182.
Citeaza: R. Diaconescu: *Institutional semantics for many-valued logics*, **Fuzzy Sets and Systems 218** (2013) pag. 32–52.
554. 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.
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.
555. M. Schorlemmer, E. Plaza: A uniform model of computational conceptual blending, **Cognitive Systems Research 65** (2021) pag. 118–137

- Citează:* R. Diaconescu: *3/2-Institutions: an institution theory for conceptual blending*, **ArXiv:1708.09675 [math.LO]** (2017).
556. 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.
Citează: R. Diaconescu: *Functorial semantics of first-order views*, **Theoretical Computer Science** **656** (2016) pag. 46–59.
557. L. Demey: Aristotelian diagrams for semantic and syntactic consequence, **Synthese** **198** (2021) pag. 187–207.
Citează: R. Diaconescu: *The Algebra of Opposition (and universal logic interpretations)*, in **A. Koslow and A. Buchsbaum editors, The Road to Universal Logic** (2015) Springer Basel, pag. 127–143.
558. 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.
Citează: R. Diaconescu: *Generic partiality for 3/2-Institutions*, **arXiv:1711.04666 [math.LO]** (2017).
559. Cornean, Horia D.; Helffer, Bernard; Purice, Radu, SPECTRAL ANALYSIS NEAR A DIRAC TYPE CROSSING IN A WEAK NON-CONSTANT MAGNETIC FIELD, **TRANS. AMER. MATH. SOC.** **374** (2021), 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.
560. Stubbs, Kevin D.; Watson, Alexander B.; Lu, Jianfeng, Iterated projected position algorithm for constructing exponentially localized generalized Wannier functions for periodic and nonperiodic insulators in two dimensions and higher, **PHYSICAL REVIEW B** **103** (2021), Article Number: 075125
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.
561. Alexandradinata, A.; Nelson, Aleksandra; Soluyanov, Alexey A., Teleportation of Berry curvature on the surface of a Hopf insulator, **PHYSICAL REVIEW B** **103** (2021), Article Number: 045107
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.
562. Cornean, Horia D.; Monaco, Domenico; Moscolari, Massimo, Beyond Diophantine Wannier diagrams: Gap labelling for Bloch-Landau Hamiltonians, **JEMS** **23** (2021), pag. 3679–3705
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.
563. Richard, S.; Tiedra de Aldecoa, R.; Zhang, L., Scattering Operator and Wave Operators for 2D Schrodinger Operators with Threshold Obstructions, **COMPLEX ANALYSIS**

AND OPERATOR THEORY **15** (2021), Article Number: 106

Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REV. MATH. PHYS.**, **13** (2001) , pag. 717–754.

564. Gao, Xiaofen; Wang, Jialu; Zhang, Junyong; et al., Uniform resolvent estimates for Schrodinger operators in Aharonov-Bohm magnetic fields, **J. DIFF. EQ.** **292** (2021), pag. 70–89
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REV. MATH. PHYS.**, **13** (2001) , pag. 717–754.
565. Erdogan, M. Burak; Green, William R., On the one dimensional Dirac equation with potential, **J. MATH. PURÉS APPL.** **151**, (2021), pag. 132–170
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REV.MATH. PHYS.**, **13** (2001) , pag. 717–754.
566. Ito, Kenichi; Jensen, Arne, Hypergeometric Expression for the Resolvent of the Discrete Laplacian in Low Dimensions, **INTEGRAL EQUATIONS AND OPERATOR THEORY** **93** (2021), Article Number: 32
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , pag. 717–754.
567. Goldberg, Michael; Green, William R., ON THE L-p BOUNDEDNESS OF THE WAVE OPERATORS FOR FOURTH ORDER SCHRODINGER OPERATORS, **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** **374** (2021), pag. 4075–4092
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , pag. 717–754.
568. Feng, Hongliang, Dispersive estimates for inhomogeneous fourth-order Schrodinger operator in 3D with zero energy obstructions, **NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS** **207** (2021), Article Number: 112269
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , pag. 717–754.
569. Yajima, Kenji, L-p-Boundedness of Wave Operators for 2D Schrodinger Operators with Point Interactions, **ANNALES HENRI POINCARÉ** **22** (2021), pag. 2065–2101
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , pag. 717–754.
570. Erdogan, M. Burak; Green, William R.; Toprak, Ebru, On the fourth order Schrodinger equation in three dimensions: Dispersive estimates and zero energy resonances, **JOURNAL OF DIFFERENTIAL EQUATIONS** **271** (2021), pag. 152–185
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , pag. 717–754.
571. Hasler, David; Siebert, Oliver, Thermal Ionization for Short-Range Potentials, **JOURNAL OF STATISTICAL PHYSICS** **182** (2021), Article Number: 17
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , pag. 717–754.

572. Erdogan, M. Burak; Goldberg, Michael; Green, William R., The massless Dirac equation in two dimensions: zero-energy obstructions and dispersive estimates, **JOURNAL OF SPECTRAL THEORY** **11** (2021), pag. 935–979
Citează: A. Jensen, G. Nenciu *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , pag. 717–754.
573. Fermanian-Kammerer, Clotilde; Lasser, Caroline; Robert, Didier, Propagation of Wave Packets for Systems Presenting Codimension One Crossings, **COMM. MATH. PHYS.** **385** (2021), pag. 1695–1739
Citează: G. Nenciu, *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMM. MATH. PHYS.** **152** (1993), pag. 479–496.
574. Bachmann, Sven; De Roeck, Wojciech; Fraas, Martin; et al., Exactness of Linear Response in the Quantum Hall Effect, **ANN. H. POINCARÉ** **22** (2021), pag. 1113–1132 *Citează:* G. Nenciu, *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMM. MATH. PHYS.** **152** (1993), pag. 479–496.
575. Marcelli, Giovanna; Panati, Gianluca; Teufel, Stefan, A New Approach to Transport Coefficients in the Quantum Spin Hall Effect, **ANN. H. POINCARÉ** **22** (2021), pag. 1069–1111
Citează: G. Nenciu, *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMM. MATH. PHYS.** **152** (1993), pag. 479–496.
576. Fermanian-Kammerer, Clotilde; Joye, Alain, A nonlinear quantum adiabatic approximation, **NONLINEARITY** **33** (2021), pag. 4715–4751
Citează: G. Nenciu, *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume:** **152** (1993), pag. 479–496.
577. Sathe, Pratik; Harper, Fenner; Roy, Rahul, Compactly supported Wannier functions and strictly local projectors, **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL** **54** (2021), Article Number: 335302
Citează: G. Nenciu , *EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume:** **91** (1983), pag. 81–85.
578. Stubbs, Kevin D.; Watson, Alexander B.; Lu, Jianfeng, Iterated projected position algorithm for constructing exponentially localized generalized Wannier functions for periodic and nonperiodic insulators in two dimensions and higher, **PHYSICAL REVIEW B** **103** (2021), Article Number: 075125
Citează: G. Nenciu , *EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume:** **91** (1983), pag. 81–85.
579. Fermanian-Kammerer, Clotilde; Lasser, Caroline; Robert, Didier, Propagation of Wave Packets for Systems Presenting Codimension One Crossings, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **385** (2021), pag. 1695–1739
Citează: Nenciu, G., *ADIABATIC THEOREM OF QUANTUM-MECHANICS*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL Volume:** **13** (1980), pag. L15–L18.

580. Watanabe, Takuya; Zerzeri, Maher, Landau-Zener formula in a "non-adiabatic" regime for avoided crossings, **ANALYSIS AND MATHEMATICAL PHYSICS** **11** (2021), Article Number: 82
Citează: Nenciu, G., *ADIABATIC THEOREM OF QUANTUM-MECHANICS, JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL* **13** (1980), pag. L15–L18.
581. Duca, Alessandro; Joly, Romain, Schrodinger Equation in Moving Domains, **ANNALES HENRI POINCARÉ** **22** (2021), pag. 2029–2063
Citează: Nenciu, G., *ADIABATIC THEOREM OF QUANTUM-MECHANICS, JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL* **13** (1980), pag. L15–L18.
582. Roychowdhury, Agniva; Deffner, Sebastian, Time-Rescaling of Dirac Dynamics: Shortcuts to Adiabaticity in Ion Traps and Weyl Semimetals, **ENTROPY** **23** (2021), Article Number: 81
Citează: Nenciu, G., *ADIABATIC THEOREM OF QUANTUM-MECHANICS, JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL* **13** (1980), pag. L15–L18.
583. Yang, Chen; Sun, Huaqing, Essential spectra of singular Hamiltonian differential operators of arbitrary order under a class of perturbations, **STUDIES IN APPLIED MATHEMATICS** **147** (2021), pag. 209–229
Citează: Nenciu, G., *Self-adjointness and invariance of the essential spectrum for Dirac operators defined as quadratic forms.*, **Comm. Math. Phys.** **48** (1976), pag. 235–247.
584. Esteban, Maria J.; Lewin, Mathieu; Sere, Eric, Dirac-Coulomb operators with general charge distribution II. The lowest eigenvalue, **PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY** **123** (2021), pag. 345–383
Citează: Nenciu, G., *Self-adjointness and invariance of the essential spectrum for Dirac operators defined as quadratic forms.*, **Comm. Math. Phys.** **48** (1976), pag. 235–247.
585. He, C.; Jones, R. R., Directional population control beyond the exceptional point in a non-Hermitian system, **PHYSICAL REVIEW A** **104** (2021), Article Number: 013111
Citează: G. Nenciu , G. Rasche, *On the adiabatic theorem for non self-adjoint operators*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL** **25** (1992), pag.5741–5751.
586. Geng, Linlin; Zhang, Weixuan; Zhang, Xiangdong; et al., Topological mode switching in modulated structures with dynamic encircling of an exceptional point, **PROCEEDINGS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING SCIENCES** **477** (2021), Article Number: 20200766
Citează: G. Nenciu , G. Rasche, *On the adiabatic theorem for non self-adjoint operators*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL** **25** (1992), pag.5741–5751.
587. Cornean, Horia D.; Helffer, Bernard; Purice, Radu, SPECTRAL ANALYSIS NEAR A DIRAC TYPE CROSSING IN A WEAK NON-CONSTANT MAGNETIC FIELD, **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** **374**

- (2021), pag. 7041–7104
Citează: G. Nenciu , *On asymptotic theory for quantum mechanics: Almost invariant subspaces and magnetic perturbation theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **43** (2002), pag. 307–336.
588. Henheik, Joscha; Teufel, Stefan, Justifying Kubo's formula for gapped systems at zero temperature: A brief review and some new results, **REVIEWS IN MATHEMATICAL PHYSICS** **33** (2021), Article Number: 2060004
Citează: G. Nenciu , *On asymptotic theory for quantum mechanics: Almost invariant subspaces and magnetic perturbation theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **43** (2002), pag. 307–336.
589. Monaco, Domenico; Moscolari, Massimo, Streda formula for charge and spin currents, **REVIEWS IN MATHEMATICAL PHYSICS** **33** (2021), Article Number: 2060003
Citează: G. Nenciu , *On asymptotic theory for quantum mechanics: Almost invariant subspaces and magnetic perturbation theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **43** (2002), pag. 307–336.
590. Cornean, Horia D.; Monaco, Domenico; Moscolari, Massimo, Beyond Diophantine Wannier diagrams: Gap labelling for Bloch-Landau Hamiltonians, **JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY** **23** (2021), pag. 3679-3705
Citează: G. Nenciu , *On asymptotic theory for quantum mechanics: Almost invariant subspaces and magnetic perturbation theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **43** (2002), pag. 307–336.
591. Marcelli, Giovanna; Panati, Gianluca; Teufel, Stefan, A New Approach to Transport Coefficients in the Quantum Spin Hall Effect, **ANNALES HENRI POINCARÉ** **22** (2021), pag. 1069-1111
Citează: G. Nenciu , *On asymptotic theory for quantum mechanics: Almost invariant subspaces and magnetic perturbation theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **43** (2002), pag. 307–336.
592. Roychowdhury, Agniva; Deffner, Sebastian, Time-Rescaling of Dirac Dynamics: Shortcuts to Adiabaticity in Ion Traps and Weyl Semimetals, **ENTROPY** **23** (2021), Article Number: 81
Citează: NENCIU, G *ADIABATIC THEOREM AND SPECTRAL CONCENTRATION .1. ARBITRARY ORDER SPECTRAL CONCENTRATION FOR THE STARK-EFFECT IN ATOMIC PHYSICS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **82** (1981), pag. 121-135.
593. Ehrlich, Tilmann; Schaller, Gernot, Broadband frequency filters with quantum dot chains, **PHYSICAL REVIEW B** **104** (2021), Article Number: 045424
Citează: Nenciu, Gheorghe *Independent electron model for open quantum systems: Landauer-Buttiker formula and strict positivity of the entropy production*, **JOURNAL OF MATHEMATICAL PHYSICS** **48** (2007), Article Number: 033302.
594. Henheik, Joscha; Teufel, Stefan, Justifying Kubo's formula for gapped systems at zero temperature: A brief review and some new results, **REVIEWS IN MATHEMATICAL PHYSICS** **33** (2021), Article Number: 2060004

- Citează: Cornean, HD; Nenciu, G , *On eigenfunction decay for two dimensional magnetic Schrödinger operators* , COMMUNICATIONS IN MATHEMATICAL PHYSICS
Volume: 192 (1998), pag. 671–685.
595. Monaco, Domenico; Moscolari, Massimo, Streda formula for charge and spin currents, REVIEWS IN MATHEMATICAL PHYSICS 33 (2021), Article Number: 2060003
Citează: Cornean, HD; Nenciu, G , *On eigenfunction decay for two dimensional magnetic Schrödinger operators* , COMMUNICATIONS IN MATHEMATICAL PHYSICS
Volume: 192 (1998), pag. 671–685.
596. Cornean, Horia D.; Monaco, Domenico; Moscolari, Massimo, Beyond Diophantine Wannier diagrams: Gap labelling for Bloch-Landau Hamiltonians, JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY 23 (2021), pag. 3679–3705
Citează: Cornean, HD; Nenciu, G , *On eigenfunction decay for two dimensional magnetic Schrödinger operators* , COMMUNICATIONS IN MATHEMATICAL PHYSICS 192 (1998), pag. 671–685.
597. Bony, Jean-Francois; Michel, Laurent; Ramond, Thierry, Applications of Resonance Theory Without Analyticity Assumption, ANNALES HENRI POINCARÉ 22 (2021), pag. 3641-3697
Citează: Jensen, A; Nenciu, G , *The Fermi Golden Rule and its form at thresholds in odd dimensions*, COMMUNICATIONS IN MATHEMATICAL PHYSICS 261 (2006), pag. 693–727.
598. Ding, Yanheng; Dong, Xiaojing; Guo, Qi, Nonrelativistic limit and some properties of solutions for nonlinear Dirac equations, CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS 60 Article Number: 144
Citează: D.R. Grigore, G. Nenciu , R. Purice, *On the nonrelativistic limit of the Dirac Hamiltonian*, ANNALES DE L INSTITUT HENRI POINCARÉ-PHYSIQUE THEORIQUE 51 (1981), pag. 231–263.
599. Stubbs, Kevin D.; Watson, Alexander B.; Lu, Jianfeng, Iterated projected position algorithm for constructing exponentially localized generalized Wannier functions for periodic and nonperiodic insulators in two dimensions and higher, PHYSICAL REVIEW B 103 (2021), Article Number: 075125
Citează: Nenciu A., Nenciu G., *Dynamics of Bloch electrons in external electric fields. 2. The existence of Stark-Wannier ladder resonances*, JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 15 (1982), pag. 3313–3328.
600. Stubbs, Kevin D.; Watson, Alexander B.; Lu, Jianfeng, Iterated projected position algorithm for constructing exponentially localized generalized Wannier functions for periodic and nonperiodic insulators in two dimensions and higher, PHYSICAL REVIEW B 103 (2021), Article Number: 075125
Citează: Nenciu A., Nenciu G., *Existence of exponentially localised Wannier functions for nonperiodic systems*, PHYSICAL REVIEW B 47 (1993), pag. 10112–10115 .
601. Cornean, Horia D.; Monaco, Domenico; Moscolari, Massimo, Beyond Diophantine Wannier diagrams: Gap labelling for Bloch-Landau Hamiltonians, JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY 23 (2021), 3679–3705

- Citează: Nenciu G., *Stability of gaps under variations of magnetic field*, LETTERS IN MATHEMATICAL PHYSICS 11 (1986), pag. 127–132 .
602. Roychowdhury, Agniva; Deffner, Sebastian, Time-Rescaling of Dirac Dynamics: Shortcuts to Adiabaticity in Ion Traps and Weyl Semimetals, ENTROPY 23 (2021), Article Number: 81
Citează: Nenciu G., On the adiabatic limit for Dirac particles in external fields, COMMUNICATIONS IN MATHEMATICAL PHYSICS 76 (1980), pag. 117–128 .
603. Bambusi, Dario; Grebert, Benoit; Maspero, Alberto; et al., Growth of Sobolev norms for abstract linear Schrödinger equations, JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY 23 (2021), pag. 557–583
Citează: Nenciu, G, Adiabatic theory: stability of systems with increasing gaps , ANNALES DE L INSTITUT HENRI POINCARÉ-PHYSIQUE THÉORIQUE Volume: 67 (1997), Pages: 411–424.
604. Haldane, F. D. M., Gauge-invariant perturbation expansion in powers of electric charge for the density-of-states of a network model for charged-particle motion in a uniform background magnetic flux density, JOURNAL OF MATHEMATICAL PHYSICS 62 (2021), Article Number: 071901
Citează: Cornean H. D., Nenciu, G, The Faraday effect revisited: Thermodynamic limit , JOURNAL OF FUNCTIONAL ANALYSIS 257 (2009), Pages: 2024–2066.
605. Monaco, Domenico; Moscolari, Massimo, Streda formula for charge and spin currents, REVIEWS IN MATHEMATICAL PHYSICS 33 (2021), Article Number: 2060003
Citează: Cornean H. D., Nenciu, G, The Faraday effect revisited: Thermodynamic limit , JOURNAL OF FUNCTIONAL ANALYSIS 257 (2009), Pages: 2024–2066.
606. Cornean, Horia D.; Monaco, Domenico; Moscolari, Massimo, Beyond Diophantine Wannier diagrams: Gap labelling for Bloch-Landau Hamiltonians, JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY 23 (2021), pag. 3679–3705
Citează: Cornean H. D., Nenciu, G, The Faraday effect revisited: Thermodynamic limit , JOURNAL OF FUNCTIONAL ANALYSIS 257 (2009), pag. 2024–2066.
607. Robinson, Derek W., The weighted Hardy constant, JOURNAL OF FUNCTIONAL ANALYSIS 281 (2021), Article Number: 109143
Citează: Nenciu Gheorghe, Nenciu Irina, On Confining Potentials and Essential Self-Adjointness for Schrödinger Operators on Bounded Domains in R-n, ANNALES HENRI POINCARÉ 10 (2009), pag. 377–394.
608. Robinson, Derek W., The weighted Hardy inequality and self-adjointness of symmetric diffusion operators, JOURNAL OF FUNCTIONAL ANALYSIS 281 (2021), Article Number: 109067
Citează: Nenciu Gheorghe, Nenciu Irina, On Confining Potentials and Essential Self-Adjointness for Schrödinger Operators on Bounded Domains in R-n, ANNALES HENRI POINCARÉ 10 (2009), pag. 377–394.
609. Adami, Riccardo; Boscain, Ugo; Franceschi, Valentina; et al., Point interactions for 3D sub-Laplacians, ANNALES DE L INSTITUT HENRI POINCARÉ-ANALYSE NON LINÉAIRE 54 (2021), pag. 1095–1113

- Citează:* Nenciu Gheorghe, Nenciu Irina, *On Confining Potentials and Essential Self-Adjointness for Schrodinger Operators on Bounded Domains in R-n*, **ANNALES HENRI POINCARÉ** **10** (2009), pag 377–394.
610. Gallone, Matteo; Michelangeli, Alessandro, Quantum particle across Grushin singularity , **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL** **54** (2021), Article Number: 215201
Citează: Nenciu Gheorghe, Nenciu Irina, *On Confining Potentials and Essential Self-Adjointness for Schrodinger Operators on Bounded Domains in R-n*, **ANNALES HENRI POINCARÉ** **10** (2009), pag. 377–394.
611. Cornean, Horia D.; Helffer, Bernard; Purice, Radu, SPECTRAL ANALYSIS NEAR A DIRAC TYPE CROSSING IN A WEAK NON-CONSTANT MAGNETIC FIELD, **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** **374** (2021), pag. 7041-7104
Citează: Cornean, Horia D.; Herbst, Ira; Nenciu, Gheorghe , *On the Construction of Composite Wannier Functions*, **ANNALES HENRI POINCARÉ** Volume: **17** , (2016), pag. 3361-3398.
612. Stubbs, Kevin D.; Watson, Alexander B.; Lu, Jianfeng, Iterated projected position algorithm for constructing exponentially localized generalized Wannier functions for periodic and nonperiodic insulators in two dimensions and higher, **PHYSICAL REVIEW B** **103** (2021) Article Number: 075125
Citează: Cornean, Horia D.; Herbst, Ira; Nenciu, Gheorghe , *On the Construction of Composite Wannier Functions*, **ANNALES HENRI POINCARÉ** Volume: **17** , (2016), pag. 3361–3398.
613. Cornean, Horia D.; Helffer, Bernard; Purice, Radu, SPECTRAL ANALYSIS NEAR A DIRAC TYPE CROSSING IN A WEAK NON-CONSTANT MAGNETIC FIELD, **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** **374** (2021), pag. 7041-7104
Citează: Cornean, HD; Nenciu, G; Pedersen, TG , *The Faraday effect revisited: General theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **47** , (2006), Article Number: 013511.
614. Henheik, Joscha; Teufel, Stefan, Justifying Kubo's formula for gapped systems at zero temperature: A brief review and some new results, **REVIEWS IN MATHEMATICAL PHYSICS** **33** (2021), Article Number: 2060004
Citează: Cornean, HD; Nenciu, G; Pedersen, TG , *The Faraday effect revisited: General theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **47** , (2006), Article Number: 013511.
615. Monaco, Domenico; Moscolari, Massimo, Streda formula for charge and spin currents, **REVIEWS IN MATHEMATICAL PHYSICS** **33** (2021), Article Number: 2060003
Citează: Cornean, HD; Nenciu, G; Pedersen, TG , *The Faraday effect revisited: General theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **47** , (2006), Article Number: 013511.
616. Cornean, Horia D.; Monaco, Domenico; Moscolari, Massimo, Beyond Diophantine Wannier diagrams: Gap labelling for Bloch-Landau Hamiltonians, **JOURNAL OF THE**

EUROPEAN MATHEMATICAL SOCIETY **23** (2021), pag. 3679-3705

Citează: Cornean, HD; Nenciu, G; Pedersen, TG , *The Faraday effect revisited: General theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **47** , (2006), Article Number: 013511.

617. Esteban, Maria J.; Lewin, Mathieu; Sere, Eric, Dirac-Coulomb operators with general charge distribution II. The lowest eigenvalue, **PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY** **123** (2021), pag. 345-383
Citează: Nenciu G., *DISTINGUISHED SELF-ADJOINT EXTENSION FOR DIRAC OPERATOR WITH POTENTIAL DOMINATED BY MULTICENTER COULOMB POTENTIALS*, **HELVETICA PHYSICA ACTA** **50** , (1977), pag. 1–3.
618. Cornean, Horia D.; Helffer, Bernard; Purice, Radu, SPECTRAL ANALYSIS NEAR A DIRAC TYPE CROSSING IN A WEAK NON-CONSTANT MAGNETIC FIELD, **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** **374** (2021), pag. 7041-7104
Citează: Cornean, HD; Nenciu, G, *Two dimensional magnetic Schrödinger operators: Width of mini bands in the tight binding*, **ANNALES HENRI POINCARE** **1** , (2000), pag. 203–222.
619. Robinson, Derek W., The weighted Hardy inequality and self-adjointness of symmetric diffusion operators, **JOURNAL OF FUNCTIONAL ANALYSIS** **281** (2021), Article Number: 109067
Citează: Nenciu, Gheorghe; Nenciu, Irina, *Drift-diffusion equations on domains in R^d : Essential self-adjointness and stochastic completeness*, **JOURNAL OF FUNCTIONAL ANALYSIS** **273**, (2017), pag. 2619–2654.
620. Haldane, F. D. M., Gauge-invariant perturbation expansion in powers of electric charge for the density-of-states of a network model for charged-particle motion in a uniform background magnetic flux density, **JOURNAL OF MATHEMATICAL PHYSICS** **62**, (2021), Article Number: 071901
Citează: Cornean, Horia D.; Nenciu, Gheorghe, *Faraday effect revisited: sum rules and convergence issues*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL** **43**, (2010), Article Number: 474012 .
621. F. Rohrer, On certain properties and invariants of graded rings and modules, **Vietnam J. Math.** **49** (2021), pag. 1257 – 1273
Citează: C. Menini, C. Năstăsescu, *When are induction and coinduction functors isomorphic?*, **Bull. Belg. Math. Soc. Simon Stevin** **1** (1994), pag. 521 – 558
622. F. Rohrer, On certain properties and invariants of graded rings and modules, **Vietnam J. Math.** **49** (2021), pag. 1257 – 1273
Citează: C. Năstăsescu, *Some constructions over graded rings: applications*, **J. Algebra** **120** (1989), pag. 119 – 138
623. J. Cala, P. Lundström, H. Pinedo, Object-unital groupoid graded rings, crossed products and separability, **Comm. Algebra** **49** (2021), pag. 1676 – 1696
Citeaza: C. Năstăsescu, M. van den Bergh, F. Van Oystaeyen, *Separable functors applied to graded rings*, **J. Algebra** **123** (1989), pag. 397–413

624. S.E. Toksoy, Purely Rickart and dual purely Rickart objects in Grothendieck categories, **Mediterr. J. Math.** **18** (2021), 216
Citează: S. Dăscălescu, C. Năstăsescu, A. Tudorache, L. Dăuș, *Relative regular objects in categories*, **Appl. Categor. Struct.** **14** (2006), pag. 567 – 577
625. M. Balodi, A. Banerjee, S. Ray, Entwined modules over linear categories and Galois extensions, **Israel J. Math.** **241** (2021), pag. 623 – 692
Citează: C. Năstăsescu, M. van den Bergh, F. Van Oystaeyen, *Separable functors applied to graded rings*, **J. Algebra** **123** (1989), pag. 397–413
626. Y. Li, H. Yao, Localization and colocalization in tilting torsion theory for coalgebras, **Czech. Math. J.** **71** (2021), pag. 663 – 688
Citează: J. Gómez-Torrecillas, C. Năstăsescu, B. Torrecillas, *Localization in coalgebras: Applications to finiteness conditions*, **J. Algebra Appl.** **2** (2007), pag. 233 – 243
627. Y. Li, H. Yao, Localization and colocalization in tilting torsion theory for coalgebras, **Czech. Math. J.** **71** (2021), pag. 663 – 688
Citează: C. Năstăsescu, B. Torrecillas, *Torsion theories for coalgebras*, **J. Pure Appl. Algebra** **97** (1994), pag. 203 – 220
628. Y. Li, H. Yao, Localization and colocalization in tilting torsion theory for coalgebras, **Czech. Math. J.** **71** (2021), pag. 663 – 688
Citează: C. Năstăsescu, B. Torrecillas, *Colocalization on Grothendieck categories with applications to coalgebras*, **J. Algebra** **185** (1996), pag. 108 – 124
629. K. Iusenko, J.W. MacQuarrie, S. Quirino, A functorial approach to Gabriel k-quiver constructions for coalgebras and pseudocompact algebras, **Bull Braz Math Soc, New Series** **52** (2021), pag. 697 – 719
Citează: C. Năstăsescu, B. Torrecillas, Y. Zhang, *Hereditary coalgebras*, **Comm. Algebra** **24** (1996), pag. 1521 – 1528
630. T. Alraaqad, H. Saber, R. Abu-Dawwas, Intersection graphs of graded ideals of graded rings, **AIMS Math.** **6** (2021), pag. 10355 – 10368
Citează: C. Năstăsescu, F. Van Oystaeyen, *On strongly graded rings and crossed products*, **Comm. Algebra** **10** (1982), pag. 2085 – 2106
631. E. Ilić-Georgijević, On the Jacobson radical of a groupoid graded ring, **J. Algebra** **573** (2021), pag. 561 – 575
Citează: T. Albu, C. Năstăsescu, *Infinite group-graded rings, rings of endomorphisms, and localization*, **J. Pure Appl. Algebra** **59** (1989), pag. 125 – 150
632. E. Ilić-Georgijević, On the Jacobson radical of a groupoid graded ring, **J. Algebra** **573** (2021), pag. 561 – 575
Citează: C. Menini, C. Năstăsescu, *Gr-simple modules and gr-Jacobson radical. Applications (I)*, **Bull. Math. Soc. Sci. Math. Roumanie** **34** (1990), pag. 25 – 36
633. V. Kala, P. Yatsyna, Lifting problem for universal quadratic forms, **Adv. Math.** **377** (2020), Article ID 107497, 25 p.
Citează: C. N. Beli, W. K. Chan, M. I. Icaza, J. Liu, On a Waring's problem for integral quadratic and Hermitian forms, **Trans. Amer. Math. Soc.** **371** (2019), 5505-5527.

634. W.K. Chan, M.I. Icaza, Hermite reduction and a Waring's problem for integral quadratic forms over number fields, **Trans. Amer. Math. Soc.** **374**, No. 4 (2021), pag. 2967 – 2985
Citează: C. N. Beli, W. K. Chan, M. I. Icaza, J. Liu, On a Waring's problem for integral quadratic and Hermitian forms, **Trans. Amer. Math. Soc.** **371** (2019), 5505-5527.
635. D. Länström, A characterization of graded von Neumann regular rings with applications to Leavitt path algebras, **J. Algebra** **567** (2021), pag. 91 – 113
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
636. S. Aljohani, K. Radler, K.M. Rangaswamy, A.K. Srivastava, Variations of primeness and factorization of ideals in Leavitt path algebras, **Comm. Algebra** **49** (2021), pag. 2729 – 2757
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
637. K. falah Al-Zoubi, R. Alkhalaif, On graded quasi-primary submodules of graded modules over graded commutative rings, **Bol. Soc. Parana. Mat.** (3) **39** (2021), pag. 57 – 64
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
638. Q. Wu, R. Zhu, Nakayama automorphisms and modular derivations in filtered deformations, **J. Algebra** **572** (2021), pag. 381 – 421
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
639. K. Al-Zoubi, On the graded Primal Avoidance Theorem, **Iran. J. Math. Sci. Inform.** **16** (2021), pag. 117 – 124
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
640. N. Grieve, C. Ingalls, On the Kodaira dimension of maximal orders, **Adv. Math.** **392** (2021), 108013
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
641. K.M. Rangaswamy, On graded primitive Leavitt path algebras, **J. Algebra Appl.** **20** (2021), Nr. 9, 2150173
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
642. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -2-absorbing and graded weakly J_{gr} -2-absorbing submodules of graded modules over graded commutative rings, **Int. J. Math. Comput. Sci.** **16** (2021), pag. 1169 – 1178
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
643. F. Rohrer, On certain properties and invariants of graded rings and modules, **Vietnam J. Math.** **49** (2021), pag. 1257 – 1273

- Citează:* C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
644. J. Cala, P. Lundström, H. Pinedo, Object-unital groupoid graded rings, crossed products and separability, **Comm. Algebra** **49** (2021), pag. 1676 – 1696
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
645. S.A. Balde, M.B.F.B. Maaouia, A.O. Chbih, Localization of Hopfian and Cohopfian objects in the categories of $A - Mod$, $AGr(A - Mod)$ and $COMP(AGr(A - Mod))$, **Eur. J. Pure Appl. Math.** **14** (2021), pag. 404 – 422
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
646. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -classical prime submodules, **Algebr. Struct. Appl.** **8** (2021), pag. 195 – 201
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
647. D. Rogalski, Stably Noetherian algebras of polynomial growth, **Algebr. Represent. Theory** **24** (2021), pag. 519 – 540
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
648. P. Ghiasvand, F. Farzalipour, Generalizations of graded second submodules, **Acta Univ. Sapientiae Math.** **13** (2021), pag. 164 – 181
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
649. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -classical 2-absorbing submodules of graded modules over graded commutative rings, **Demonstr. Math.** **54** (2021), pag. 162 – 167
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
650. K. falah Al-Zhoubi, R. Alkhalfaf, On graded quasi-primary submodules of graded modules over graded commutative rings, **Bol. Soc. Parana. Mat.** **39** (2021), pag. 57 – 64
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
651. K. Al-Zoubi, On the graded Primal Avoidance Theorem, **Iran. J. Math. Sci. Inform.** **16** (2021), pag. 117 – 124
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
652. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -2-absorbing and graded weakly J_{gr} -2-absorbing submodules of graded modules over graded commutative rings, **Int. J. Math. Comput. Sci.** **16** (2021), pag. 1169 – 1178
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)

653. F. Rohrer, On certain properties and invariants of graded rings and modules, **Vietnam J. Math.** **49** (2021), pag. 1257 – 1273
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
654. J. Cala, P. Lundström, H. Pinedo, Object-unital groupoid graded rings, crossed products and separability, **Comm. Algebra** **49** (2021), pag. 1676 – 1696
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
655. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -classical prime submodules, **Algebr. Struct. Appl.** **8** (2021), pag. 195 – 201
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
656. P. Ghiasvand, F. Farzalipour, Generalizations of graded second submodules, **Acta Univ. Sapientiae Math.** **13** (2021), pag. 164 – 181
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
657. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -classical 2-absorbing submodules of graded modules over graded commutative rings, **Demonstr. Math.** **54** (2021), pag. 162 – 167
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
658. L. Rigal, P. Zadunaisky, Quantum toric degeneration of quantum flag and Schubert varieties, **Transform. Groups** **26** (2021), pag. 1113 – 1143
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
659. R. Abu-Dawwas, E. Yıldız, Ü. Tekir, S. Koç, On graded 1-absorbing prime ideals, **São Paulo J. Math. Sci.** **15** (2021), pag. 450 – 462
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
660. D. Rumynin, J. Taylor, Real representations of C_2 -graded groups: The antilinear theory, **Linear Algebra Appl.** **610** (2021), pag. 135 – 168
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
661. M. Bataineh, R. Abu-Dawwas, On graded 2-prime ideals, **Mathematics** **9** (2021), 493
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
662. R. Abu-Dawwas, Graded semiprime multiplication modules, **Bol. Soc. Paraná. Mat.** **39** (2021), pag. 27 – 35
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)

663. R. Abu-Dawwas, Zariski topology on the spectrum of graded pseudo prime submodules, **Bol. Soc. Parana. Mat.** **39** (2021), pag. 17 – 26
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
664. L. Vaš, Graded cancellation properties of graded rings and graded unit-regular Leavitt path algebras, **Algebr. Represent. Theor.** **24** (2021), pag. 625 – 649
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
665. E. Ilić-Georgijević, On the Jacobson radical of a groupoid graded ring, **J. Algebra** **573** (2021), pag. 561 – 575
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
666. G. Yang, Ringel duals of affine quasi-hereditary algebras, **J. Algebra** **588** (2021), pag. 425 – 439
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
667. A.S. Alshehry, M. Bataineh, R. Abu-Dawwas, Graded ϕ -2-absorbing and graded ϕ -2-absorbing primary submodules, **Mathematics** **9** (2021), 1083
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
668. T. Alraqad, H. Saber, R. Abu-Dawwas, Intersection graphs of graded ideals of graded rings, **AIMS Math.** **6** (2021), pag. 10355 – 10368
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
669. S. Duplij, Graded medial n -ary algebras and polyadic tensor categories, **Symmetry** **13** (2021), 1038
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
670. A.S. Alshehry, R. Abu-Dawwas, Graded weakly prime ideals of non-commutative rings, **Comm. Algebra** **49** (2021), pag. 4712 – 4723
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
671. M. Bataineh, R. Abu-Dawwas, Graded I -second submodules, **Demonstr. Math.** **54** (2021), pag. 1 – 8
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
672. S. Pan, Stable equivalences of Morita type for Φ -Beilinson-Green algebras, **Math. Nachr.** **294** (2021), pag. 977 – 996
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)

673. Y. Bahturin, S. Montgomery, Group gradings and actions of pointed Hopf algebras, **J. Algebra Appl.** **20** (2021), 2140011
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
674. R. Abu-Dawwas, M. Refai, Graded uniformly *pr*-ideals, **Bull. Korean Math. Soc.** **58** (2021), pag. 195 – 204
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
675. J. Alev, F. Dumas, Homogeneous localizations of some quantum enveloping superalgebras, **J. Algebra Appl.** **20** (2021), 214005
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
676. D. Bogdanic, Gradings on quaternion blocks with three simple modules, **Bull. Int. Math. Virtual Inst.** **11** (2021), pag. 319 – 325
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
677. D. Bogdanic, Gradings on quaternion blocks with two simple modules, **Bull. Int. Math. Virtual Inst.** **11** (2021), pag. 255 – 260
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
678. R. Abu-Dawwas, A.S. Alshehry, On dual Zariski topology over graded comultiplication modules, **Commun. Korean Math. Soc.** **36** (2021), pag. 11 – 18
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
679. M.M.S. Alves, E. Batista, F. Castro, G. Quadros, J. Vercruyse, Partial corepresentations of Hopf algebras, **J. Algebra** **577** (2021), pag. 74 – 135
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)
680. D. Bulacu, B. Torrecillas, On Frobenius and separable Galois cowreaths, **Math. Z.** **297** (2021), pag. 25 – 27
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)
681. S.E. Toksoy, Purely Rickart and dual purely Rickart objects in Grothendieck categories, **Mediterr. J. Math.** **18** (2021), 216
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)
682. D. Bulacu, B. Torrecillas, Galois and cleft monoidal cowreaths. Applications, **Mem. Amer. Math. Soc.** **270** (2021), Nr. 1322, pag. 1 – 137

Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)

683. M. Balodi, A. Banerjee, S. Ray, Entwined modules over linear categories and Galois extensions, **Israel J. Math.** **241** (2021), pag. 623 – 692
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
684. Y. Li, H. Yao, Localization and colocalization in tilting torsion theory for coalgebras, **Czech. Math. J.** **71** (2021), pag. 663 – 688
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
685. R. Kinser, A. Oswald, Hopf algebras of some quantum groups on path algebras, **J. Algebra** **587** (2021), pag. 85 – 117
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
686. X. Wei, L. Jiang, Q. Xin, The field algebra in Hopf spin models determined by a Hopf $*$ -subalgebra and its symmetric structure, **Acta Math. Sci.** **41** (2021), pag. 907 – 924
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
687. P. Cartier, F. Patras, Hopf Algebras and Groups. În: Classical Hopf Algebras and Their Applications, Algebra and Applications Vol. **29** (2021), Springer, Cham, pag. 41 – 70
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
688. M.A. Farinati, Hopfological algebra for infinite dimensional Hopf algebras, **Algebr. Represent. Theory** **24** (2021), pag. 1325 – 1357
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
689. G. Singh, Bialgebra structures on table algebras, **Linear Multilinear Algebra** **69** (2021), pag. 2288 – 2318
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)
690. K. Iusenko, J.W. MacQuarrie, S. Quirino, A functorial approach to Gabriel k-quiver constructions for coalgebras and pseudocompact algebras, **Bull. Braz. Math. Soc., New Series** **52** (2021), pag. 697 – 719
Citează: S. Dăscălescu, C. Năstăsescu, Ș. Raianu, *Hopf Algebras. An Introduction*,

Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York (2001)

691. W. Schützer, A.G. de Oliveira, On some H -Galois objects and their polynomial H -identities, **Arch. Math.** **116** (2021), pag. 7 – 18
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)
692. H. Zheng, Y. Chen, L. Zhang, The structure theorem of Hom-Hopf bimodules and its applications, **Int. Electron. J. Algebra** **30** (2021), pag. 78 – 98
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)
693. K. falah Al-Zoubi, R. Alkhafaf, On graded quasi-primary submodules of graded modules over graded commutative rings, **Bol. Soc. Parana. Mat.** **(3) 39** (2021), pag. 57 – 64
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
694. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -2-absorbing and graded weakly J_{gr} -2-absorbing submodules of graded modules over graded commutative rings, **Int. J. Math. Comput. Sci.** **16** (2021), pag. 1169 – 1178
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
695. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -classical prime submodules, **Algebr. Struct. Appl.** **8** (2021), pag. 195 – 201
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
696. K. Al-Zoubi, S. Alghueiri, On graded J_{gr} -classical 2-absorbing submodules of graded modules over graded commutative rings, **Demonstr. Math.** **54** (2021), pag. 162 – 167
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
697. H. Minamoto, K. Yamaura, The Happel functor and homologically well-graded Iwanaga-Gorenstein algebras, **J. Algebra** **565** (2021), pag. 441 – 488
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)
698. A. I. Suciu, Sigma-invariants and tropical varieties, **Math. Ann.** **380** (2021), pag. 1427–1463.
Citeaza: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
699. L. Rigal, P. Zadunaisky, Quantum toric degeneration of quantum flag and Schubert varieties, **Transform. Groups** **26** (2021), pag. 1113 – 1143
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer-Verlag, Berlin (1979)

700. G. Picavet, M. Picavet-L'Hermitte, FCP Δ -extensions of rings, **Arab. J. Math.** **10** (2021), pag. 211 – 238
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, Reidel Publishing Company, Dordrecht-Boston-Lancaster-Tokyo (1987)
701. G. Picavet, M. Picavet-L'Hermitte, The Loewy series of an FCP (distributive) ring extension, **Int. Electron. J. Algebra** **29** (2021), pag. 15 – 49
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, Reidel Publishing Company, Dordrecht-Boston-Lancaster-Tokyo (1987)
702. P. Jara, An extension of S -artinian rings and modules to a hereditary torsion theory setting, **Comm. Algebra** **49** (2021), pag. 1583 – 1599
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)
703. A. Austad, Spectral Invariance of *-Representations of Twisted Convolution Algebras with Applications in Gabor Analysis, **J. Fourier Anal. Appl.** **27** (2021), art. no.56
Citează: I. Beltiță, D. Beltiță, *Inverse-closed algebras of integral operators on locally compact groups*, **Ann. H. Poincaré** **16** (2015), pag. 1283-01306.
704. B. Dali, R. Khalfi, On Kirillov's lemma and the Benson–Ratcliff invariant, **J. Math. Phys.** **62** (2021), pag. 051703.
Citează: I. Beltiță, D. Beltiță, *On Kirillov's lemma for nilpotent Lie algebras*, **J. Algebra** **427** (2015), pag. 85–103.
705. K. Gröchenig, New function spaces associated to representations of nilpotent Lie groups and generalized time-frequency analysis, **J. Lie Theory** **31** (2021), no. 3, pag. 659–680
Citează: I. Beltiță, D. Beltiță, *Modulation spaces of symbols for representations of nilpotent Lie groups*, **J. Fourier Analysis Appl.** **17** (2011), no. 2, 290–319.
706. K. Gröchenig, New function spaces associated to representations of nilpotent Lie groups and generalized time-frequency analysis, **J. Lie Theory** **31** (2021), no. 3, pag. 659–680
Citează: I. Beltiță, D. Beltiță, *Algebras of symbols associated with the Weyl calculus for Lie group representations*, **Monatsh. Math.** **167** (2012), no. 1, 13–33.
707. K. Gröchenig, New function spaces associated to representations of nilpotent Lie groups and generalized time-frequency analysis, **J. Lie Theory** **31** (2021), no. 3, pag. 659–680
Citează: I. Beltiță, D. Beltiță, *Boundedness for Weyl-Pedersen calculus on flat coadjoint orbits*, **Int. Math. Res. Not. IMRN** **2015** (2015), no. 3, 787–816.
708. T. Bottazzi, A. Varela, Geodesic neighborhoods in unitary orbits of self-adjoint operators of $\mathcal{K} + \mathbb{C}$, **Differential Geom. Appl.** **77** (2021), Paper No. 101778, 16 pp.
Citează: D. Beltiță, *Smooth homogeneous structures in operator theory*, Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics, **137** (2006).
709. T. Bhattacharyya, B.K. Das, H. Sau, Toeplitz operators on the symmetrized bidisc, **Int. Math. Res. Not. IMRN** **2021** (2021), no. 11, 8492–8520
Citează: D. Beltiță, B. Prunaru, *Amenability, completely bounded projections, dynamical systems and smooth orbits*, **Integral Eq. Oper. Th.** **57** (2007), no. 1, 1–17.

710. F. Weber, R. Zacher, The entropy method under curvature-dimension conditions in the spirit of Bakry-Émery in the discrete setting of Markov chains, **J. Funct. Anal.** **281** (5) (2021), pag. 1 – 60
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
711. J.J. Wee, K. Xia, Forman persistent Ricci curvature (FPRC)-based machine learning models for protein-ligand binding affinity prediction, **Brief. Bioinform.** **22** (6) (2021), pag. 1 – 38
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
712. C.I. Meroño, The double dispersion operator in backscattering: Holder estimates and optimal Sobolev estimates for radial potentials, **Rev. Mat. Iberoamericana** **37** (2021, pag. 1175–1205.
Citează: I. Beltită, A. Melin, *Local Smoothing for the Backscattering Transform*, **Comm. Partial Diff. Eq.** **34** (2009), pap..233–256.
713. C.I. Meroño, The double dispersion operator in backscattering: Holder estimates and optimal Sobolev estimates for radial potentials, **Rev. Mat. Iberoamericana** **37** (2021, pag. 1175–1205.
Citează: I. Beltită, A. Melin, *The quadratic contribution to the backscattering transform in the rotation invariant case* **Inverse Problems and Imaging** **4** (2010), pag. 599–618
714. Oğul Esen, Manuel de León, Cristina Sardón, Marcin Zajac, *The globalization problem of the Hamilton-DeDonder-Weyl equations on a local k-symplectic framework*, **Mediterr. J. Math.** **18**, **26** (2021)
Citează: Darboux-Weinstein theorem for locally conformally symplectic manifolds, **J. Geom. Physics** **111** (2017), pag. 1 – 5.
715. Oğul Esen, Manuel de León, Cristina Sardón, Marcin Zajac, *The globalization problem of the Hamilton-DeDonder-Weyl equations on a local k-symplectic framework*, **Mediterr. J. Math.** **18**, **26** (2021)
Citează: Locally conformally symplectic reduction, **Ann. Global Anal. Geometry** **56**(2) (2019), pag. 245 – 275.
716. Oğul Esen, Manuel de León, Cristina Sardón, Marcin Zajac, *The globalization problem of the Hamilton-DeDonder-Weyl equations on a local k-symplectic framework*, **Mediterr. J. Math.** **18**, **26** (2021)
Citează: Locally conformally symplectic reduction of the cotangent bundle, **arxiv:1905.02798** (2019).
717. Oğul Esen, Manuel de León, Cristina Sardón, Marcin Zajac, *Hamilton-Jacobi formalism on locally conformally symplectic manifolds*, **J. Math. Phys.** **62** (2021)
Citează: Darboux-Weinstein theorem for locally conformally symplectic manifolds, **J. Geom. Phys.** **111** (2017), pag. 1 – 5.
718. Oğul Esen, Manuel de León, Cristina Sardón, Marcin Zajac, *Hamilton-Jacobi formalism on locally conformally symplectic manifolds*, **J. Math. Phys.** **62** (2021)

- Citează: Locally conformally symplectic reduction, Ann. Global Anal. Geom. 56(2) (2019), pag. 245 – 275.*
719. A. Das, Cohomology and deformations of Hom-dendriform algebras and coalgebras, **Colloq. Math.** **163** (2021), pag. 37 – 52
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
720. A. Ben Hassine, L. Chen, C. Sun, Representations and one-parameter formal deformations of BiHom-Novikov superalgebras, **Rocky Mount. J. Math.** **51** (2021), pag. 423 – 438
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 (2021)
721. D. Bulacu, B. Torrecillas, On Frobenius and separable Galois cowreaths, **Math. Z.** **297** (2021), pag. 25 – 57
Citează: F. Panaite, F. Van Oystaeyen, Clifford-type algebras as cleft extensions for some pointed Hopf algebras, Comm. Algebra 28 (2000), pag. 585 – 600
722. A. J. Calderon Martin, Regular Hom-algebras admitting a multiplicative basis, **Georgian Math. J.** **28** (2021), pag. 555 – 565
Citează: A. Makhlouf, F. Panaite, Yetter-Drinfeld modules for Hom-bialgebras, J. Math. Phys. 55 (2014), art. nr. 013501
723. A. J. Calderon Martin, Regular Hom-algebras admitting a multiplicative basis, **Georgian Math. J.** **28** (2021), pag. 555 – 565
Citează: A. Makhlouf, F. Panaite, Twisting operators, twisted tensor products and smash products for Hom-associative algebras, Glasg. Math. J. 58 (2016), pag. 513 – 538
724. A. Das, R. Saha, On equivariant dendriform algebras, **Colloq. Math.** **164** (2021), pag. 283 – 303
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
725. A. Das, Deformations of Loday-type algebras and their morphisms, **J. Pure Appl. Algebra** **225** (2021), art. nr. 106599
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras, SIGMA 11 (2015), 086
726. S. Duplij, Graded medial n-ary algebras and polyadic tensor categories, **Symmetry** **13** (2021), 1038
Citează: J. Lopez, F. Panaite, F. Van Oystaeyen, General twisting of algebras, Adv. Math. 212 (2007), pag. 315 – 337
727. Y. Fan, J. Li, L.-Y. Chen, Complete BiHom-Lie superalgebras and its derivation superalgebras, **Comm. Algebra** **49** (2021), pag. 1925 – 1937
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras, SIGMA 11 (2015), 086

728. L. Foissy, Algebraic structures on typed decorated rooted trees, **SIGMA** **17** (2021), art. nr. 086
Citează: F. Panaite, *Relating the Connes-Kreimer and Grossman-Larson Hopf algebras built on rooted trees*, **Lett. Math. Phys.** **51** (2000), pag. 211 – 219
729. I. Laraiedh, Constructions and T^* -extensions of 3-BiHom-Lie superalgebras, **Adv. Appl. Clifford Algebras** **31** (2021), Art. Nr. 20
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA** **11** (2015), 086
730. L.-L. Liu, S.-H. Wang, Symmetries and the u-condition in weak monoidal Hom-Yetter-Drinfeld categories, **J. Algebra Appl.** **20** (2021), art. nr. 2150194
Citează: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501
731. D. Lu, Y. Ning, D.-G. Wang, The construction of braided T-categories via Yetter-Drinfeld-Long bimodules, **Appl. Categ. Structures** **29** (2021), pag. 1073 – 1087
Citează: F. Panaite, M. D. Staic, *Generalized (anti) Yetter-Drinfeld modules as components of a braided T-category*, **Israel J. Math.** **158** (2007), pag. 349 – 366
732. D. Lu, Y. Ning, D.-G. Wang, The construction of braided T-categories via Yetter-Drinfeld-Long bimodules, **Appl. Categ. Structures** **29** (2021), pag. 1073 – 1087
Citează: F. Panaite, F. Van Oystaeyen, *L-R-smash biproducts, double biproducts and a braided category of Yetter-Drinfeld-Long bimodules*, **Rocky Mountain J. Math.** **40** (2010), pag. 2013 – 2024
733. J. Lu, W. Yu, L. Liu, The Hom-twisted smash product bialgebras, **J. Appl. Anal. Comput.** **11** (2021), pag. 1652 – 1662
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
734. J. Lu, W. Yu, L. Liu, The Hom-twisted smash product bialgebras, **J. Appl. Anal. Comput.** **11** (2021), pag. 1652 – 1662
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *BiHom-Novikov algebras and infinitesimal BiHom-bialgebras*, **J. Algebra** **560** (2020), pag. 1146 – 1172
735. J. Lukierski, Palatial twistors from quantum inhomogeneous conformal symmetries and twistorial DSR algebras, **Symmetry** **13** (2021), 1309
Citează: D. Bulacu, F. Panaite, F. Van Oystaeyen, *Quasi-Hopf algebra actions and smash products*, **Comm. Algebra** **28** (2000), pag. 631 – 651
736. T. Ma, J. Li, T. Yang, Coquasitriangular infinitesimal BiHom-bialgebras and related structures, **Comm. Algebra** **49** (2021), pag. 2423 – 2443
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA** **11** (2015), 086
737. T. Ma, J. Li, T. Yang, Coquasitriangular infinitesimal BiHom-bialgebras and related structures, **Comm. Algebra** **49** (2021), pag. 2423 – 2443

- 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
738. T. Ma, J. Li, T. Yang, Coquasitriangular infinitesimal BiHom-bialgebras and related structures, **Comm. Algebra** **49** (2021), pag. 2423 – 2443
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
739. T. Ma, J. Li, T. Yang, Coquasitriangular infinitesimal BiHom-bialgebras and related structures, **Comm. Algebra** **49** (2021), pag. 2423 – 2443
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
740. T. Ma, J. Li, T. Yang, Coquasitriangular infinitesimal BiHom-bialgebras and related structures, **Comm. Algebra** **49** (2021), pag. 2423 – 2443
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, BiHom-Novikov algebras and infinitesimal BiHom-bialgebras, **J. Algebra** **560** (2020), pag. 1146 – 1172
741. T. Ma, H. Zheng, L. Dong, J. Chen, Lazy 2-cocycle and Radford (m, n) -biproduct, **J. Algebra Appl.** **20** (2021), Art. Nr. 2150120
Citează: J. Cuadra, F. Panaite, Extending lazy 2-cocycles on Hopf algebras and lifting projective representations afforded by them, **J. Algebra** **313** (2007), pag. 695 – 723
742. T. Ma, H. Zheng, L. Dong, J. Chen, Lazy 2-cocycle and Radford (m, n) -biproduct, **J. Algebra Appl.** **20** (2021), Art. Nr. 2150120
Citează: F. Panaite, M. D. Staic, F. Van Oystaeyen, On some classes of lazy cocycles and categorical structures, **J. Pure Appl. Algebra** **209** (2007), pag. 687 – 701
743. T. Ma, H. Zheng, L. Dong, J. Chen, Lazy 2-cocycle and Radford (m, n) -biproduct, **J. Algebra Appl.** **20** (2021), Art. Nr. 2150120
Citează: A. Makhlouf, F. Panaite, Yetter-Drinfeld modules for Hom-bialgebras, **J. Math. Phys.** **55** (2014), art. nr. 013501
744. T. Ma, H. Zheng, L. Dong, J. Chen, Lazy 2-cocycle and Radford (m, n) -biproduct, **J. Algebra Appl.** **20** (2021), Art. Nr. 2150120
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
745. T. Ma, H. Zheng, L. Dong, J. Chen, Lazy 2-cocycle and Radford (m, n) -biproduct, **J. Algebra Appl.** **20** (2021), Art. Nr. 2150120
Citează: A. Makhlouf, F. Panaite, Twisting operators, twisted tensor products and smash products for Hom-associative algebras, **Glasg. Math. J.** **58** (2016), pag. 513 – 538
746. S. Meljanac, A. Pachol, Heisenberg doubles for Snyder-type models, **Symmetry** **13** (2021), 1055
Citează: D. Bulacu, F. Panaite, F. Van Oystaeyen, Quasi-Hopf algebra actions and smash products, **Comm. Algebra** **28** (2000), pag. 631 – 651

747. S. Meljanac, A. Pachol, Heisenberg doubles for Snyder-type models, **Symmetry** **13** (2021), 1055
Citează: F. Panaite, *Doubles of (quasi) Hopf algebras and some examples of quantum groupoids and vertex groups related to them*, **Contemporary Math.** **441** (2007), pag. 91–115
748. Y. Ning, D. Lu, X. Zhang, Drinfel'd double for monoidal Hom-Hopf algebras, **Colloq. Math.** **164** (2021), pag. 251 – 271
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
749. B. Shen, L. Liu, The Maschke-type theorem and Morita context for BiHom-smash products, **Adv. Math. Phys.** vol 2021, Art. Id. 6677332
Citează: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **SIGMA** **11** (2015), 086
750. B. Shen, L. Liu, The Maschke-type theorem and Morita context for BiHom-smash products, **Adv. Math. Phys.** vol 2021, Art. Id. 6677332
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
751. B. Shen, L. Liu, The Maschke-type theorem and Morita context for BiHom-smash products, **Adv. Math. Phys.** vol 2021, Art. Id. 6677332
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
752. B. Shen, L. Liu, The Maschke-type theorem and Morita context for BiHom-smash products, **Adv. Math. Phys.** vol 2021, Art. Id. 6677332
Citează: L. Liu, A. Makhlouf, C. Menini, F. Panaite, *BiHom-Novikov algebras and infinitesimal BiHom-bialgebras*, **J. Algebra** **560** (2020), pag. 1146 – 1172
753. X. Zhang, X. Zhao, W. Wang, Quasi-bimonads and their representations, **J. Pure Appl. Algebra** **225** (2021), art. nr. 106459
Citează: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501
754. X. Zhang, X. Zhao, W. Wang, Quasi-bimonads and their representations, **J. Pure Appl. Algebra** **225** (2021), art. nr. 106459
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
755. H. Zheng, Y. Chen, L. Zhang, The structure theorem of Hom-Hopf bimodules and its applications, **Internat. Electron. J. Algebra** **30** (2021), pag. 78 – 98
Citează: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501

756. H. Zheng, Y. Chen, L. Zhang, The structure theorem of Hom-Hopf bimodules and its applications, **Internat. Electron. J. Algebra** **30** (2021), pag. 78 – 98
Citează: J. Dello, F. Panaite, F. Van Oystaeyen, Y. Zhang, *Structure theorems for bicomodule algebras over quasi-Hopf algebras, weak Hopf algebras and braided Hopf algebras*, **Comm. Algebra** **44** (2016), pag. 4609 – 4636
757. X. Wang, D. G. Wang, X. Zhang, A monoidal structure on the category of relative Hom-Hopf modules, **Colloq. Math.** **165** (2021), pag. 63 – 89
Citează: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), art. nr. 013501
758. A. Cherifi, B.S. Bouazza, M. Al-Ayedi, S.A. Aljunid, C. B. M. Rashidi, Development and Performance Improvement of a New Two-Dimensional Spectral/Spatial Code Using the Pascal Triangle Rule for OCDMA System, **J. Optical Commun.**, **42** (2021), pag. 149–158.
Citează: Cobeli C, Zaharescu, A. Promenade around Pascal triangle - number motives, **Bull Math Soc Sci Math. Roumanie** **104** (2013), pag. 73–98.
759. Xin Zhang, Statistical Regularity of Apollonian Gaskets, **Int. Math. Res. Notices**, **2** (2021), pag. 1055–1095.
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.
760. Xin Zhang, Statistical Regularity of Apollonian Gaskets, **Int. Math. Res. Notices**, **2** (2021), pag. 1055–1095.
Citează: Augustin, V., F. P. Boca, C. Cobeli, and A. Zaharescu, The h -spacing distribution between Farey points, **Math. Proc. Cambridge Philos. Soc.** **131**, no. 1 (2001), pag. 23–38.
761. Byron Heersink, Equidistribution of Farey sequences on horospheres in covers of $SL(n+1)\mathbb{Z} \backslash SL(n+1)\mathbb{R}$ and applications, **Ergodic Th. Dynamical Systems, Volume 41, Issue 2** (2021), pag. 471–493.
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.
762. José L. Fernández, Pablo Fernández, Divisibility properties of random samples of integers. **Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. RACSAM** **115** (2021) Paper No. 26, 35 pp.
Citează: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Comm. Math. Phys.** **213** (2000), pag. 433–470.
763. Oleksiy Klurman, Marc Munsch, Polynomial products modulo primes and applications, **Monatsh. Math.** **191** (2020), pag. 577–593.
Citează: C. Cobeli, M. Vâjâitu, A. Zaharescu, The sequence $n! \pmod p$, **J. Ramanujan Math. Soc.** **15** (2000), pag. 135–154.
764. H. Billhardt, A. Fernández, S. Ossowski, Smart Recommendations for Renting Bikes in Bike-Sharing Systems, **Applied Sciences** (2021), vol. 11, no. 20
Citează: I. Tuțu, C.E. Chirita, 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

765. R.C. Affonso, F. Couffin, P. Leclaire, Modelling of User Behaviour for Static Rebalancing of Bike Sharing System: Transfer of Demand from Bike-Shortage Stations to Neighbouring Stations, **Journal of Advanced Transportation** (2021), vol. 2021
Citează: I. Tuțu, C.E. Chirita, 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
766. I. Leuștean, N. Moangă, T.F. Șerbănuță, Many-sorted hybrid modal languages, **J. Log. Algebraic Methods Progr.** (2021), vol. 120
Citează: D. Găină, I. Tuțu: Birkhoff Completeness for Hybrid-Dynamic First-Order Logic, Automated Reasoning with Analytic Tableaux and Related Methods, 28th International Conference, LNCS 11714 (2019), pag. 277 – 293
767. A. González-Burgueño, P.C. Ölveczky, Formalizing and analyzing security ceremonies with heterogeneous devices in ANP and PDL, **Journal of Logical and Algebraic Methods in Programming** (2021), vol. 122
Citează: J.L. Fiadeiro, I. Tuțu, A. Lopes, D. Pavlovic: Logics for Actor Networks: A case study in constrained hybridization, Dynamic Logic: New Trends and Applications, LNCS 10669 (2017), pag. 98–114
768. M. Stadlbauer, S. Suzuki, and P. Varandas, Thermodynamic Formalism for Random Non-uniformly Expanding Maps, **Comm. Math. Phys.** **385** (2021), pp.369-427,
Citează: E. Mihailescu, M. Urbanski, Random countable iterated function systems with overlaps and applications, Adv. Math. **298** (2016), pag. 726-758.
769. A. Cruz and P. Varandas, Volume lemmas and large deviations for partially hyperbolic endomorphisms, **ERGODIC THEORY AND DYNAMICAL SYSTEMS** **41** (1), (2021), pp.213-240,
Citeaza: E. Mihailescu, M. Urbanski, Entropy Production for a Class of Inverse SRB Measures, J. Stat. Phys. **150** (2013), pp.881-888.
770. A. Cruz and P. Varandas, Volume lemmas and large deviations for partially hyperbolic endomorphisms, **ERGODIC TH.DYNAMICAL SYSTEMS** **41** (2021), pp.213-240,
Citeaza: E. Mihailescu, EQUILIBRIUM MEASURES, PREHISTORIES DISTRIBUTIONS AND FRACTAL DIMENSIONS FOR ENDOMORPHISMS, DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS **32** (2012), pp. 2485-2502.
771. A. Cruz and P. Varandas, Volume lemmas and large deviations for partially hyperbolic endomorphisms, **ERGODIC THEORY AND DYNAMICAL SYSTEMS** **41** (2021), pp.213-240,
Citeaza: E. Mihailescu, Physical Measures for Multivalued Inverse Iterates Near Hyperbolic Repellors, JOURNAL OF STATISTICAL PHYSICS **139**, (2010), 800-819.
772. B. Barany, E. Szvák, On the dimension of self-similar measures with complicated overlaps, **Math. Nachr.** **294** (2021), pp. 657-671,

- Citeaza:* E. Mihailescu, M. Urbanski, *Random countable iterated function systems with overlaps and applications*, **Adv. Math.** **298** (2016), pag. 726-758.
773. M. Cruz-Lopez, F.J Lopez-Hernandez, Bohr-Fourier Series on Solenoids via its Transversal Variation, **J. GEOM. ANAL.** **31** (2021), 11428-11444,
Citeaza: E. Mihailescu, *Unstable directions and fractal dimension for skew products with overlaps in fibers*, **Math. Z.** **269** (2021), 733-750.
774. G. Karolyi, T. Tel, New features of doubly transient chaos: complexity of decay, **J.PHYS.-COMPL.** **2**, (2021),
Citeaza: E. Mihailescu, *Inverse limits and statistical properties for chaotic implicitly defined economic models*, **J. MATH. ANAL. APPL.** **394** (2012), pp.517-528.
775. C. Farsi, L. Huang, A. Kumjian, J. Packer, Cocycles on groupoids arising from \mathbb{N}^k -actions, **Ergodic Th. Dynamical Systems** **41**, (2021), 1-32,
Citeaza: E. Mihailescu, *Higher dimensional expanding maps and toral extensions*, **Proc. Amer. Math. Soc.** **141** (2013), 3467-3475.
776. M. Carpineti, A. Rossoni, A. Senese, D. Maragno, G.A Diolaiuti, A. Vailati, Multifractal analysis of glaciers, **J. PHYS.-COMPL.** **2**, (2021),
Citeaza: E. Mihailescu, B. Stratmann, *Upper Estimates for Stable Dimensions on Fractal Sets with Variable Numbers of Foldings*, **IMRN** (23), 2014, pp.6474-6496.
777. Y. Yang, L. Huang, J. Xiang, H. Bao, H. Li, Generating multi-wing hidden attractors with only stable node-foci via non-autonomous approach, **PHYSICA SCRIPTA** **96**, (12), 2021,
Citeaza: E. Mihailescu, *Inverse limits and statistical properties for chaotic implicitly defined economic models*, **J. MATH. ANAL. APPL.** **394** (2012), pp.517-528.
778. Y. Yang, L. Huang, J. Xiang, H. Bao, H. Li, Generating multi-wing hidden attractors with only stable node-foci via non-autonomous approach, **PHYSICA SCRIPTA** **96**, 2021,
Citeaza: E. Mihailescu, *Local Geometry and Dynamical Behavior on Folded Basic Sets*, **J. STAT. PHYS.** **142** (2011), pp.154-167.
779. E. Mihailescu, M. Urbanski, Smale endomorphisms over graph-directed Markov systems, **Ergodic Th. Dynamical Systems** **41**, (2021), 2508-2541,
Citeaza: E. Mihailescu, *On some coding and mixing properties on folded fractals*, **Monats. Math.** **167** (2012), 241-255.
780. E. Mihailescu, M. Urbanski, Smale endomorphisms over graph-directed Markov systems, **Ergodic Th. Dynamical Systems** **41**, (2021), 2508-2541,
Citeaza: E. Mihailescu, *On a class of stable conditional measures*, **Ergodic Th.Dynamical Systems** **31** (2011), 1499-1515.
781. E. Mihailescu, M. Urbanski, Smale endomorphisms over graph-directed Markov systems, **Ergodic T. Dynamical Systems** **41**, (2021), 2508-2541,
Citeaza: J. E. Fornaess and E. Mihailescu, *Equilibrium measures on saddle sets of holomorphic maps on \mathbb{P}^2* , **MATHE. ANN.** **356** (2013), 1471-1491.

782. E. Mihailescu, M. Urbanski, Smale endomorphisms over graph-directed Markov systems, **Ergodic Th. Dynamical Systems** **41**, (2021), 2508-2541,
Citeaza: E. Mihailescu, *Asymptotic distributions of preimages for endomorphisms*, **Ergodic Th. Dynamical Systems** **31**, (2011), 911-935.
783. E. Mihailescu, M. Urbanski, Smale endomorphisms over graph-directed Markov systems, **Ergodic Th. Dynamical Systems** **41**, (2021), 2508-2541,
Citeaza: E. Mihailescu, *Unstable directions and fractal dimension for skew products with overlaps in fibers*, **Math. Z.** **269** (2011), 733-750.
784. E. Mihailescu, M. Urbanski, Smale endomorphisms over graph-directed Markov systems, **Ergodic Th. Dynamical Systems** **41**, (2021), 2508-2541,
Citeaza: E. Mihailescu and B. Stratmann, *Upper estimates for stable dimensions on fractal sets with variable numbers of foldings*, **I. M. R. N.** **2014**(2014), 6474-6496.
785. E. Mihailescu, M. Urbanski, Smale endomorphisms over graph-directed Markov systems, **Ergodic Th. Dynamical Systems** **41**, (2021), 2508-2541,
Citeaza: E. Mihailescu and M. Urbanski, *Random countable iterated function systems with overlaps and applications*, **Adv. Math.** **298** (2016), 726-758.
786. E. Mihailescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Communications in Contemporary Mathematics**, (2021), 2150041,
Citeaza: E. Mihailescu, *On a class of stable conditional measures*, **Ergodic Th. Dynamical Systems** **31** (2011) 1499-1515.
787. E. Mihailescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Communications in Contemporary Mathematics**, (2021), 2150041,
Citeaza: E. Mihailescu and B. Stratmann, *Upper estimates for stable dimensions on fractal sets with variable numbers of foldings*, **IMRN** **23** (2014) 6474-6496.
788. E. Mihailescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Communications in Contemporary Mathematics**, (2021), 2150041,
Citeaza: E. Mihailescu, *Unstable directions and fractal dimension for skew products with overlaps in fibers*, **Math. Z.** **269** (2011) 733-750.
789. E. Mihailescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Communications in Contemporary Mathematics**, (2021), 2150041,
Citeaza: E. Mihailescu and M. Urbanski, *Relations between stable dimension and the preimage counting function on basic sets with overlaps*, **Bull. London Math. Soc.** **42** (2010) 15-27.
790. E. Mihailescu, Thermodynamic formalism for invariant measures in iterated function systems with overlaps, **Communications in Contemporary Mathematics**, (2021), 2150041,
Citeaza: E. Mihailescu and M. Urbanski, *Overlap functions for measures in conformal iterated function systems*, **J. Stat. Physics** **162** (2016), 43-62.

791. N. Ng: *The sixth moment of the Riemann zeta function and ternary additive divisor sums*, **Discrete Anal.** (2021), pag. Paper No. 6, 60,
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.
792. N. Ng: *The sixth moment of the Riemann zeta function and ternary additive divisor sums*, **Discrete Anal.** (2021), pag. Paper No. 6, 60,
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.
793. 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,
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.
794. 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,
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.
795. G. Chen și X. He, *Lower bound for higher moments of the mixed product of twisted L-functions*, **J. Number Theory** **222** (2021), pag. 233–248,
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.
796. P. Moustrou, C. Riener, H. Verdure, Symmetric ideals, Specht polynomials and solutions to symmetric systems of equations, **J. Symbolic Comput.** **107** (2021), pag. 106 – 121
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: general results*, **J. Math. Anal. Appl.** **284** (2003), pag. 174 – 190.
797. I. Klep, J.E. Pascoe, J, Volcic, Positive univariate trace polynomials, **J. Algebra** **579** (2021), pag. 303 – 317
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: general results*, **J. Math. Anal. Appl.** **284** (2003), pag. 174 – 190.
798. G. Blekherman, C, Riener, Symmetric non-negative forms and sums of squares, **Discrete Comput. Geom.** **65** (2021), 764 – 799
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: general results*, **J. Math. Anal. Appl.** **284** (2003), pag. 174 – 190.
799. S. Basu, C. Riener, Vandermonde varieties, mirrored spaces, and the cohomology of symmetric semi-algebraic sets, **Found. Comput. Math.** (2021), 68 pag.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: general results*, **J. Math. Anal. Appl.** **284** (2003), pag. 174 – 190.
800. V. Timofte, A. Timofte, On algorithms testing positivity of real symmetric polynomials, **J. Inequal. Appl.** (2021), Paper No. 135, 22 pag.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: general results*, **J. Math. Anal. Appl.** **284** (2003), pag. 174 – 190.

801. V. Timofte, A. Timofte, On algorithms testing positivity of real symmetric polynomials, **J. Inequal. Appl.** (2021), Paper No. 135, 22 pag.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part II: lattice general results and positivity criteria for degrees 4 and 5*, **J. Math. Anal. Appl.** **304** (2005), pag. 652 – 667.
802. V. Timofte, A. Timofte, On algorithms testing positivity of real symmetric polynomials, **J. Inequal. Appl.** (2021), Article No. 135, 22 pag.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part III: extremal polynomials of degree 4*, **J. Math. Anal. Appl.** **307** (2005), pag. 565 – 578.
803. A. Kusraev, S. Kutateladze, Geometric characterization of injective Banach lattices, **Mathematica** **9** (2021), Article No. 250, 18 pag.
Citează: V. Timofte, *An isomorphic characterization of L^1 -spaces*, **Indag. Math** **18** (2007), pag. 629 – 640.
804. P. Robert, G. Vignoud. Averaging Principles for Markovian Models of Plasticity, **J Stat Phys** **183** (2021), pag 1572 – 9613
Citează: L. Beznea, I. Cimpean, M. Rockner *A new approach to the existence of invariant measures for Markovian semigroups*, **Ann. Inst. Henri Poincaré Probab. Stat.** **55** (2019), pag. 977 – 1000
805. A. BenAmor, R. Moussa. Decomposition Formulae for Dirichlet Forms and Their Corollaries, **Mediterr. J. Math.** **18** (2021), pag 1660 – 5454
Citează: L. Beznea, I. Cimpean, M. Rockner *Irreducible recurrence, ergodicity, and extremality of invariant measures for resolvents*, **Stoch. Process. Appl.** **128** (2018), pag. 1405 – 1437
806. M.R. Malayeri, S.S. Madani, Regularity of binomial edge ideals of chordal graphs, **Collect. Math.** **72** (2021), pag. 411 – 422
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
807. M.R. Malayeri, S.S. Madani, D. Kiani, A proof for a conjecture on the regularity of binomial edge ideals, **J. Combinatorial The.** **180** (2021), art. 105432
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
808. M.R. Malayeri, S.S. Madani, D. Kiani, Binomial edge ideals of small depth, **J. Algebra** **572** (2021), pag. 231 – 244
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
809. V. Ene, G. Rinaldo, N. Terai, Powers of binomial edge ideals with quadratic Grobner bases, **Nagoya Math. J.** (2021), pag. 1 – 23
Citează: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Math. Nachr.** **288** (2015), pag. 19 – 24
810. M. Nioi, P. E. Napoli, R. Demontis, E. Locci, M. Fossarello, E. d’Aloja, Postmortem Ocular Findings in the Optical Coherence Tomography Era: A Proof of Concept Study

Based on Six Forensic Cases, **Diagnostics** **11** (2021), art. 413

Citează: C. Dagoroiu, A. Zarajanu, R. Scurtu, G. Morosanu, C.P. Tataru, A. Cristina, *Postmortem corneal changes evaluated by fluorescent staining*, **Rom. J. Leg. Med** **22** (2014), pag. 13 – 20

811. D. Flores-Alfonso, C.S. Lopez-Monsalvo, M. Maceda, Thurston Geometries in Three-Dimensional New Massive Gravity, **Phys. Rev. Lett.** **127** (2021), Nr. art. 061102
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
812. F. Paradiso, Locally conformally balanced metrics on almost abelian Lie algebras, **Complex Manifolds** **8** (2021), pag. 196 – 207.
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
813. L. Ornea, M. Verbitsky, Closed orbits of Reeb fields on Sasakian manifolds and elliptic curves on Vaisman manifolds , **Math. Z.** **299** (2021), pag. 2287 – 2296.
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
814. H. Sawai, On a structure theorem for Vaisman solvmanifolds, **J. Geom. Phys.** **136** (2021), Nr. art. 104102
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
815. D. Flores-Alfonso, C.S. Lopez-Monsalvo, M. Maceda, Contact geometry in superconductors and New Massive Gravity, **Phys. Lett.** **815** (2021), Nr. art. 136143
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
816. L. Ornea, M. Verbitsky, V. Vuletescu, Classification of non-Kähler surfaces and locally conformally Kähler geometry, **Rus. Math. Surveys** **76** (2021), pag. 261 – 289.
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
817. A. Fino, F. Paradiso, Generalized Kähler almost abelian Lie groups, **Ann. Mat. Pura Appl.** **200** (2021), pag. 1781 – 1812.
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
818. A. Latorre, L. Ugarte, On the stability of compact pseudo-Kähler and neutral Calabi-Yau manifolds, **J. Math. Pures Appl.** **145** (2021), pag. 240 – 262.
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
819. YM. Chen, R. Sjamaar, XD. Yang, The convexity package for Hamiltonian actions on conformal symplectic manifolds, **Math. Z.** **298** (2021), pag. 1143 – 1173.
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.

820. A. Fino, N. Tardini, Some remarks on Hermitian manifolds satisfying Kähler-like conditions, **Math. Z.** **298** (2021), pag. 49 – 68.
Citează: F. A. Belgun *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40.
821. D. Peralta-Salas, R. Slobodeanu, Energy Minimizing Beltrami Fields on Sasakian 3-Manifolds **Int. Math. Res. Not.** **2021** (2021), pag. 6656-6690.
Citează: F. A. Belgun *Normal CR structures on compact 3-manifolds*, **Math. Z.** **238** (2001), pag. 441 – 460.
822. R. Slobodeanu, Steady Euler Flows on the 3-Sphere and Other Sasakian 3-Manifolds, **Qual. Theory Dyn. Syst.** **20** (2021), Nr. art. 5
Citează: F. A. Belgun *Normal CR structures on compact 3-manifolds*, **Math. Z.** **238** (2001), pag. 441 – 460.
823. G. Dietrich, Contact structures, CR Yamabe invariant, and connected sum, **Trans. Am. Math. Soc.** **374** (2021), pag. 881 – 897.
Citează: F. A. Belgun *Normal CR structures on compact 3-manifolds*, **Math. Z.** **238** (2001), pag. 441 – 460.
824. ZJ. Hu, M. Moruz, L. Vrancken, ZK. Yao, On the nonexistence and rigidity for hypersurfaces of the homogeneous nearly Kähler $S^3 \times S^3$, **Diff. Geom. Appl.** **75** (2021), Nr. art. 101717.
Citează: F. Belgun, A. Moroianu *Nearly Kähler 6-manifolds with reduced holonomy*, **Ann. Glob. Anal. Geom.** **19** (2001), pag. 307 – 319.
825. R. Cleyton, A. Moroianu, U. Semmelmann, Metric connections with parallel skew-symmetric torsion, **Adv. Math.** **378** (2021), Nr. art. 107519.
Citează: F. Belgun, A. Moroianu *Nearly Kähler 6-manifolds with reduced holonomy*, **Ann. Glob. Anal. Geom.** **19** (2001), pag. 307 – 319.
826. T. Jentsch, G. Weingart, **Ann. Glob. Anal. Geom.** **59** (2021), pag. 109 – 156.
Citează: F. Belgun, A. Moroianu *Nearly Kähler 6-manifolds with reduced holonomy*, **Ann. Glob. Anal. Geom.** **19** (2001), pag. 307 – 319.
827. D. Peralta-Salas, R. Slobodeanu, Energy Minimizing Beltrami Fields on Sasakian 3-Manifolds **Int. Math. Res. Not.** **2021** (2021), pag. 6656-6690.
Citează: F. A. Belgun *Normal CR structures on S^3* , **Math. Z.** **244** (2003), pag. 125 – 151.
828. R. Slobodeanu, Steady Euler Flows on the 3-Sphere and Other Sasakian 3-Manifolds, **Qual. Theory Dyn. Syst.** **20** (2021), Nr. art. 5
Citează: F. A. Belgun *Normal CR structures on S^3* , **Math. Z.** **244** (2003), pag. 125 – 151.
829. A. Dikarev, On holonomy of Weyl connections in Lorentzian signature, **Diff. Geom. Appl.** **76** (2021), Nr. art. 101759.
Citează: F. Belgun, A. Moroianu *Weyl-parallel forms, conformal products and Einstein-Weyl manifolds*, **Asian J. Math.** **15** (2011), pag. 499 – 520.

830. A. Dikarev, A. Galaev, Parallel spinors on Lorentzian Weyl spaces, **Monatsh. Math.** **196** (2021), pag. 39 – 58.
Citează: F. Belgun, A. Moroianu *Weyl-parallel forms, conformal products and Einstein-Weyl manifolds*, **Asian J. Math.** **15** (2011), pag. 499 – 520.
831. C. Guidi, A. Maalaoui, V. Martino, Existence Results for the Conformal Dirac Einstein System, **Adv. Nonlin. Stud.** **21** (2021), pag. 107 – 117.
Citează: F. A. Belgun *The Einstein-Dirac equation on Sasakian 3-manifolds*, **J. Geom. Phys.** **37** (2001), pag. 229 – 236.
832. W. Borrelli, A. Maalaoui, Some Properties of Dirac-Einstein Bubbles, **J. Geom. Anal.** **31** (2021), pag. 5766 – 5782.
Citează: F. A. Belgun *The Einstein-Dirac equation on Sasakian 3-manifolds*, **J. Geom. Phys.** **37** (2001), pag. 229 – 236.
833. Y. Homma, T. Tomihisa, Spectra of the Rarita-Schwinger Operator on Some Symmetric Spaces, **J. Lie Theory** **31** (2021), pag. 249 – 264.
Citează: F. Belgun, A. Moroianu, U. Semmelmann *Killing forms on symmetric spaces*, **Diff. Geom. Appl.** **24** (2006), pag. 215 – 222.
834. A. Andrada, IG. Dotti, Killing-Yano 2-forms on 2-step nilpotent Lie groups, **Geom. Dedicata** **212** (2021), pag. 415– 424.
Citează: F. Belgun, A. Moroianu, U. Semmelmann *Killing forms on symmetric spaces*, **Diff. Geom. Appl.** **24** (2006), pag. 215 – 222.
835. A. Fino, F. Salvatore, Closed $SL(3, \mathbb{C})$ -structures on nilmanifolds, **J. Geom. Phys.** **167** (2021), Nr. art. 104289.
Citează: F. Belgun, V. Cortés, M. Freibert, O. Goertsches *On the boundary behavior of left-invariant Hitschin and hypo flows*, **J. London Math. Soc.** **92** (2015), pag. 41 – 62.
836. O. Esen, M. de Leon, C. Sardon, M. Zajsc, Hamilton-Jacobi formalism on locally conformally symplectic manifolds, **J. Math. Phys.** **62** (2021), Nr. art. 033506.
Citează: F. Belgun, O. Goertsches, D. Petrecca *Locally conformally symplectic convexity*, **J. Geom. Phys.** **135** (2019), pag. 235 – 252.
837. YM. Chen, R. Sjamaar, XD. Yang, The convexity package for Hamiltonian actions on conformal symplectic manifolds, **Math. Z.** **298** (2021), pag. 1143 – 1173.
Citează: F. Belgun, O. Goertsches, D. Petrecca *Locally conformally symplectic convexity*, **J. Geom. Phys.** **135** (2019), pag. 235 – 252.
838. I. Chrysikos, Y. Sakane, Homogeneous Einstein metrics on non-Kähler C-spaces, **J. Geom. Phys.** **160** (2021), Nr. art. 103996.
Citează: F. Belgun, V. Cortés, A. Haupt, D. Lindemann *Left-invariant Einstein metrics on $S^3 \times S^3$* , **J. Geom. Phys.** **128** (2018), pag. 128 – 139.
839. W. Krynski, O. Makhmali, The Cayley Cubic and Differential Equations, **J. Geom. Anal.** **31** (2021), pag. 6219 – 6273.
Citează: F. A. Belgun *On the Weyl tensor of a self-dual complex 4-manifold*, **Trans. Am. Math. Soc.** **356** (2004), pag. 853 – 880.

840. J. Chu, X. Wang, L.-J. Wang, Z. Zhang, A flow force reformulation of steady periodic fixed-depth irrotational equatorial flows, **J. Diff. Equ.** **292** (2021), 220–246
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.
841. J. Chu, Y. Yang, A cylindrical coordinates approach to constant vorticity geophysical waves with centripetal forces at arbitrary latitude, **J. Diff. Eq.** **279** (2021), 46–62
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.
842. B. Oblak, Topological bifurcations and reconstruction of travelling waves, **Physics of Fluids** **33** (2021), 027107
Citează: D. Ionescu-Kruse, *Particle trajectories in linearized irrotational shallow water flows*, **J. Nonlinear Math. Phys.** **15** (2008), 13–27.
843. D. Su, H. Gao, Exact solution and instability for geophysical waves in modified equatorial β -plane approximation with and without centripetal forces, **Eur. J. Mechanics-B/Fluids** **87** (2021), 47–60
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the β -plane approximation*, **J. Math. Fluid Mech.** **17** (2015), 699–706.
844. C. I. Martin, Some Explicit Solutions to the Three-Dimensional Nonlinear Water Wave Problem, **J. Math. Fluid Mech.** **23** (2021), 1–8
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the β -plane approximation*, **J. Math. Fluid Mech.** **17** (2015), 699–706.
845. J. Chu, Y. Yang, A cylindrical coordinates approach to constant vorticity geophysical waves with centripetal forces at arbitrary latitude, **J. Diff. Eq.** **279** (2021), 46–62
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.
846. F. Miao, M. Feckan, J. Wang, A new approach to study constant vorticity water flows in the beta-plane approximation with centripetal forces **Dynamics of Partial Differential Equations** **18** (2021), 199–210
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.
847. J. Wang, M. Feckan, Y. Guan, Constant Vorticity Ekman Flows in the beta-Plane Approximation, **J. Math. Fluid Mech.** **23** (2021), Art. No. 85
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.
848. L. Fan, S. Shen, Y. Chen, A cylindrical coordinates approach concerning the Antarctic Circumpolar Current, **Monats. Math.** **196** (2021), 269–279
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.
849. L. Fan , H. Gao, On three-dimensional geophysical capillary-gravity water flows with constant vorticity, **Ann. Mat. Pura Appl.** **200** (2021), 711-720
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.
850. C. I. Martin, Azimuthal equatorial flows in spherical coordinates with discontinuous stratification, **Physics of Fluids** **33** (2021), 026602
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.
851. D. Henry, T. Lyons, Pollard waves with underlying currents. **Proc. Amer. Math. Soc.** **149** (2021), 1175–1188
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.
852. L. Fan , H. Gao, On three-dimensional geophysical capillary-gravity water flows with constant vorticity, **Ann. Mat. Pura Appl.** **200** (2021), 711-720
Citează: D. Ionescu-Kruse, *Exponential profiles producing genuine three-dimensional nonlinear flows relevant for equatorial ocean dynamics*, **J. Diff. Eq.** **268** (2020), 1326–1344.
853. C. I. Martin, Azimuthal equatorial flows in spherical coordinates with discontinuous stratification, **Physics of Fluids** **33** (2021), 026602
Citează: D. Ionescu-Kruse, *Exponential profiles producing genuine three-dimensional nonlinear flows relevant for equatorial ocean dynamics*, **J. Diff. Eq.** **268** (2020), 1326–1344.
854. D. Henry, T. Lyons, Pollard waves with underlying currents. **Proc. Amer. Math. Soc.** **149** (2021), 1175–1188
Citează: D. Ionescu-Kruse, *Exponential profiles producing genuine three-dimensional nonlinear flows relevant for equatorial ocean dynamics*, **J. Diff. Eq.** **268** (2020), 1326–1344.
855. D. Henry, T. Lyons, Pollard waves with underlying currents. **Proc. Amer. Math. Soc.** **149** (2021), 1175–1188
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.
856. J. Chu, X. Wang, L.-J. Wang, Z. Zhang, A flow force reformulation of steady periodic fixed-depth irrotational equatorial flows, **J. Diff. Eq.** **292** (2021), 220–246
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.
857. D. Henry, T. Lyons, Pollard waves with underlying currents. **Proc. Amer. Math. Soc.** **149** (2021), 1175–1188
Citează: D. Ionescu-Kruse, *Instability of Pollard's exact solution for geophysical ocean flows*, **Physics of Fluids** **28** (2016), no.086601.

858. D. Su, H. Gao, Exact solution and instability for geophysical waves in modified equatorial β -plane approximation with and without centripetal forces, **Eur. J. Mechanics-B/Fluids** **87** (2021), 47–60
Citează: D. Ionescu-Kruse, *Instability of equatorially trapped waves in stratified water*, **Ann. Mat. Pura Appl.** **195** (2016), 585–599.
859. D. Su, H. Gao, Exact solution and instability for geophysical waves in modified equatorial β -plane approximation with and without centripetal forces, **Eur. J. Mechanics-B/Fluids** **87** (2021), 47–60
Citează: D. Ionescu-Kruse, *Instability of edge waves along a sloping beach*, **J. Diff. Eq.** **256** (2014), 3999–4012.
860. W. Li, Hessian metric via transport information geometry, **J. Math. Phys.** **62** (2021), 033301
Citează: D. Ionescu-Kruse, *Variational derivation of the Green-Naghdi shallow-water equations*, **J. Nonlinear Math. Phys.** **19** (2012), art. no.: 1240001.
861. J. Chu, Q. Ding, J. Escher, Variational Formulation of Rotational Steady Water Waves in Two-Layer Flows, **J. Math. Fluid Mecha.** **23** (2021), Art. No. 91
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **J. Diff. Eq.** **262** (2017), 4451–4474.
862. L. Roberti, Perturbation Analysis for the Surface Deflection Angle of Ekman-Type Flows with Variable Eddy Viscosity, **J. Math. Fluid Mech.** **23** (2021), Art. No. 57
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **J. Diff. Eq.** **262** (2017), 4451–4474.
863. L. Roberti, The Ekman spiral for piecewise-constant eddy viscosity, **Appl. Anal.** (2021), doi: 10.1080/00036811.2021.1896709
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **J. Diff. Eq.** **262** (2017), 4451–4474.
864. J. Chu, Y. Yang, A cylindrical coordinates approach to constant vorticity geophysical waves with centripetal forces at arbitrary latitude, **J. Diff. Eq.** **279** (2021), 46–62
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **J. Diff. Eq.** **262** (2017), 4451–4474.
865. J. Chu, L. J. Wang, Analyticity of rotational traveling gravity two-layer waves, **Studies in Applied Mathematics** **146** (2021), 605–634
Citează: D. Ionescu-Kruse, C. I. Martin, *Periodic equatorial water flows from a Hamiltonian perspective*, **J. Diff. Eq.** **262** (2017), 4451–4474.
866. D. Su, H. Gao, Exact solution and instability for geophysical waves in modified equatorial β -plane approximation with and without centripetal forces, **Eur. J. Mechanics-B/Fluids** **87** (2021), 47–60
Citează: D. Ionescu-Kruse, *Short-wavelength instabilities of edge waves in stratified water*, **Discrete and Continuous Dynamical Systems** **35** (2015), 2053–2066.
867. D. Henry, T. Lyons, Pollard waves with underlying currents. **Proc. Amer. Math. Soc.** **149** (2021), 1175–1188

- Citează:* D. Ionescu-Kruse, *On Pollard's wave at the equator*, **J. Nonlinear Math. Phys.** **22** (2015) 523–530.
868. D. Su, H. Gao, Exact solution and instability for geophysical waves in modified equatorial β -plane approximation with and without centripetal forces, **Eur. J. Mechanics-B/Fluids** **87** (2021), 47–60
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **J. Diff. Eq.** **264** (2018), 4650–4668.
869. D. Henry, T. Lyons, Pollard waves with underlying currents. **Proc. Amer. Math. Soc.** **149** (2021), 1175–1188
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **J. Diff. Eq.** **264** (2018), 4650–4668.
870. L. Fan, S. Shen, Y. Chen, A cylindrical coordinates approach concerning the Antarctic Circumpolar Current, **Monats. Math.** **196** (2021), 269–279
Citează: D. Ionescu-Kruse, *A three-dimensional autonomous nonlinear dynamical system modelling equatorial ocean flows*, **J. Diff. Eq.** **264** (2018), 4650–4668.
871. J. Wang, M. Feckan, Q. Wen, D. O'Regan, Existence and uniqueness results for modeling jet flow of the antarctic circumpolar current, **Monats. Math.** **194** (2021), 601–621
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.
872. C. I. Martin, Some Explicit Solutions to the Three-Dimensional Nonlinear Water Wave Problem, **J. Math. Fluid Mech.** **23** (2021), Art. No. 33
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the f-plane approximation*, **Nonlinear Anal. - Real World Applications** **24** (2015), 190–195.
873. D. Su, H. Gao, Exact solution and instability for geophysical waves in modified equatorial β -plane approximation with and without centripetal forces, **Eur. J. Mechanics-B/Fluids** **87** (2021), 47–60
Citează: D. Ionescu-Kruse, *An exact solution for geophysical edge waves in the f-plane approximation*, **Nonlinear Anal. - Real World Applications** **24** (2015), 190–195.
874. JR. Wang, WL. Zhang, M. Feckan, Periodic boundary value problem for second-order differential equations from geophysical fluid flows, **Monats. Math.** **195** (2021), 523–540
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.
875. J. Chu, Y. Yang, A cylindrical coordinates approach to constant vorticity geophysical waves with centripetal forces at arbitrary latitude, **J. Diff. Eq.** **279** (2021), 46–62
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.
876. D. Su, H. Gao, Exact solution and instability for geophysical waves in modified equatorial β -plane approximation with and without centripetal forces, **Eur. J. Mechanics-B/Fluids** **87** (2021), 47–60

- 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.
877. C. I. Martin, Some Explicit Solutions to the Three-Dimensional Nonlinear Water Wave Problem, **J. Math. Fluid Mech.** **23** (2021), Art. No. 33
Citează: J. Chu, D. Ionescu-Kruse, Y. Yang, *Exact solution and instability for geophysical waves with centripetal forces at arbitrary latitude*, **J. Math. Fluid Mechanics** **21** (2019), Art. No.: UNSP 19.
878. D. Henry, T. Lyons, Pollard waves with underlying currents. **Proc. Amer. Math. Soc.** **149** (2021), 1175–1188
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.
879. F. Miao, M. Feckan, J. Wang, A new approach to study constant vorticity water flows in the beta-plane approximation with centripetal forces **Dynamics of Partial Differential Equations** **18** (2021), 199–210
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.
880. B. Moon, Persistence property and analyticity for a shallow-water model with the coriolis effect in weighted spaces, **Monats. Math.** **194** (2021), 835–855
Citează: D. Ionescu-Kruse, *Variational derivation of a geophysical Camassa-Holm type shallow water equation*, **Nonlinear Anal.** **156** (2017), 286–294.
881. H. C. Hsu, M. S. Li, Lagrangian motion of fluid particles in gravity–capillary standing waves, **Nonlinear Anal.: Real World Applications** **57** (2021), 103186
Citează: D. Ionescu-Kruse, Small-amplitude capillary-gravity water waves: Exact solutions and particle motion beneath such waves, **Nonlinear Anal.: Real World Applications** **11** (2010), 2989–3000.
882. J. Li, G. Chen, Y. Zhou, Bifurcations and Exact Traveling Wave Solutions of Two Shallow Water Two-Component Systems, **Int. J. Bifurcation and Chaos** **31** (2021), 2150001
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.
883. C. I. Martin, Some Explicit Solutions to the Three-Dimensional Nonlinear Water Wave Problem, **J. Math. Fluid Mech.** **23** (2021), Art. No. 33
Citează: D. Ionescu-Kruse, Exact steady Azimuthal edge waves in rotating fluids, **J. Math. Fluid Mech.** **19** (2017), 501–513.
884. T. Lyons, Variable Eddy Viscosities in the Atmospheric Boundary Layer from Ageostrophic Wind-Speed Profiles, **J. Math. Fluid Mech.** **23** (2021), Art. No. 43.
Citează: D. Ionescu-Kruse: *Analytical Atmospheric Ekman-Type Solutions with Height-Dependent Eddy Viscosities*, **J. Math. Fluid Mech.** **23** (2021), Art. No. 18, pag. 1 – 11.

885. J. Lilly, S. Elipot, A Unifying Perspective on Transfer Function Solutions to the Unsteady Ekman Problem, **Fluids** **6** (2021), Art. No. 85
Citează: D. Ionescu-Kruse: *Analytical Atmospheric Ekman-Type Solutions with Height-Dependent Eddy Viscosities*, **J. Math. Fluid Mech.** **23** (2021), Art. No. 18, pag. 1 – 11.
886. Y. Chen, JQ. Duan, HJ. Gao, Wave-breaking and moderate deviations of the stochastic Camassa-Holm equation with pure jump noise, **Physica D - Nonlinear Phenomena** **424** (2021), Art. No. 132944.
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation*, **J. Nonlinear Math. Phys.** **14** (2007), 303–312.
887. L. Wei, Q. Zeng, Blow-up analysis and spatial asymptotic profiles of solutions to a modified two-component hyperelastic rod system, **Anal. Math. Phys.** **11** (2021), Art. No. 3, 1–15.
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation*, **J. Nonlinear Math. Phys.** **14** (2007), 303–312.
888. Y. Chen, JQ. Duan, HJ. Gao, Global well-posedness of the Stochastic Camassa-Holm Equation, **Comm. Math. Sci.** **19** (2021), 607–627.
Citează: D. Ionescu-Kruse, *Variational derivation of the Camassa-Holm shallow water equation*, **J. Nonlinear Math. Phys.** **14** (2007), 303–312.
889. M. Lyubich, H. Peters, Structure of partially hyperbolic Hénon maps, **J. Eur. Math. Soc.** **23** (2021), pag. 3075–3128
Citează: R. Radu, R. Tanase, *A structure theorem for semi-parabolic Hénon maps*, **Adv. Math.** **350** (2019), pag. 1000–1058
890. D. Gaidashev, R. Radu, M. Yampolsky, Renormalization and Siegel disks for complex Hénon maps, **J. Eur. Math. Soc.** **23** (2021), pag. 1053–1073
Citează: M. Lyubich, R. Radu, R. Tanase, *Hedgehogs in higher dimensions and their applications*, **Astérisque** **416** (2020), pag. 213–251
891. M. Yampolsky, J. Yang, Structural instability of semi-Siegel Hénon maps, **Adv. Math.** **389** (2021), 107900
Citează: D. Gaidashev, R. Radu, M. Yampolsky, *Renormalization and Siegel disks for complex Hénon maps*, **J. Eur. Math. Soc.** **23** (2021), pag. 1053–1073
892. M. Yampolsky, J. Yang, Structural instability of semi-Siegel Hénon maps, **Adv. Math.** **389** (2021), 107900
Citează: R. Radu, R. Tanase, *A structure theorem for semi-parabolic Hénon maps*, **Adv. Math.** **350** (2019), pag. 1000–1058
893. L. Moysis, A. Taher, A. Tutueva, D. Butusov, C. Volos, Discrete Time Chaotic Maps With Application to Random Bit Generation, **Handbook of Research on Modeling, Analysis, and Control of Complex Systems** (2021), IGI Global, pag. 542–582, ISBN-13: 978-1-7998-5788-4
Citează: R. Tanase, *Complex Hénon maps and discrete groups*, **Adv. Math.** **295** (2016), pag. 53–89

894. Carlsson, Marcus; Perfekt, Karl-Mikael, Nehari's theorem for convex domain Hankel and Toeplitz operators in several variables. *Int. Math. Res. Not. IMRN* (2021), 3331–3361.
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.
895. Bu, Qinggang; Chen, Yong; Zhu, Sen, Complex symmetric Toeplitz operators. *Integral Equations Operator Theory* (2021), Paper no 15, 19pp
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.
896. Chen, Yong; Izuchi, Kei Ji; Lee, Young Joo, Ranks of commutators of truncated Toeplitz operators on finite dimensional spaces *Oper. Matrices* **15** (2021), 85–103.
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.
897. Jurasik, Joanna; Lanucha, Bartosz, Matrix representations of asymmetric truncated Toeplitz operators. *Bull. Malays. Math. Sci. Soc.* **44** (2021), 1443–1458.
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.
898. Khan, Rewayat The generalized Crofoot transform., *Oper. Matrices* **15** (2021), 225–237
Citează: Chevrot, Nicolas; Fricain, Emmanuel; Timotin, Dan, *The characteristic function of a complex symmetric contraction*, *Proc. Amer. Math. Soc.* **135** (2007), pag. 2877–2886.
899. Trivedi, Harsh; Veerabathiran, Shankar, Doubly commuting invariant subspaces for representations of product systems of C^* -correspondences. *Ann. Funct. Anal.* **12** (2021), Paper no 47, 32pp
Citează: Ball, J. A.; Li, W. S.; Timotin, D.; Trent, T. T., *A commutant lifting theorem on the polydisc*, *Indiana Univ. Math. J.* **48** (1999), pag. 653–675.
900. Maji, Amit; Sankar, T. R., Doubly commuting mixed invariant subspaces in the polydisc. *Bull. Sci. Math.* **172** (2021), Paper no 103051, 22pp
Citează: Ball, J. A.; Li, W. S.; Timotin, D.; Trent, T. T., *A commutant lifting theorem on the polydisc*, *Indiana Univ. Math. J.* **48** (1999), pag. 653–675.
901. Popescu, Gelu Bergman spaces over noncommutative domains and commutant lifting. *J. Funct. Anal.* **280** (2021), Paper 108943, 89 pag.
Citează: Ambrozie, Călin-Grigore; Timotin, Dan, *On an intertwining lifting theorem for certain reproducing kernel Hilbert spaces*, *Integral Equations Operator Theory* **42** (2002), pag. 373–384.
902. Popescu, Gelu, Representations of C^* -algebras associated with noncommutative polyvarieties. *Integral Equations Operator Theory* **93** (2021), Paper No 12, 51pp

- Citeaza:* Timotin, D., *Regular dilations and models for multicontractions*, **Indiana Univ. Math. J.** **47** (1998), pag. 671–684.
903. Khan, Rewayat The generalized Crofoot transform., **Oper. Matrices** **15** (2021), 225–237
Citeaza: Benhida, Chafiq; Timotin, Dan, *Finite rank perturbations of contractions*, **Integral Equations Operator Theory** **36** (2000), pag. 253–268.
904. Gu, Caixing Characterizations of dual truncated Toeplitz operators. **J. Math. Anal. Appl.** **496** (2021), Paper No 124815, 24pp.
Citează: Chalendar, Isabelle; Timotin, Dan, *Commutation relations for truncated Toeplitz operators*, **Oper. Matrices** **8** (2014), pag. 877–888.
905. Chen, Yong; Izuchi, Kei Ji; Lee, Young Joo, Ranks of commutators of truncated Toeplitz operators on finite dimensional spaces. **Oper. Matrices** **15** (2021), 85–103
Citează: Chalendar, Isabelle; Timotin, Dan, *Commutation relations for truncated Toeplitz operators*, **Oper. Matrices** **8** (2014), pag. 877–888.
906. Chen, Yong; Izuchi, Kei Ji; Lee, Young Joo, Ranks of commutators of truncated Toeplitz operators on finite dimensional spaces. **Oper. Matrices** **15** (2021), 85–103
Citează: Strouse, E.; Timotin, D.; Zarrabi, M., *Unitary equivalence to truncated Toeplitz operators*, **Indiana Univ. Math. J.** **61** (2012), pag. 525–538.
907. Jurasiuk, Joanna; Łanucha, Bartosz, Matrix representations of asymmetric truncated Toeplitz operators. **Bull. Malays. Math. Sci. Soc.** **44** (2021), 1443–1458.
Citează: Chalendar, Isabelle; Fricain, Emmanuel; Timotin, Dan, *A survey of some recent results on truncated Toeplitz operators*, **Contemp. Math.**, **679** (2016), pag. 59–77.
908. Câmara, M. C.; Ross, W. T., The dual of the compressed shift. **Canad. Math. Bull.** **64** (2021), 98–111.
Citează: Chalendar, Isabelle; Fricain, Emmanuel; Timotin, Dan, *A survey of some recent results on truncated Toeplitz operators*, **Contemp. Math.**, **679** (2016), pag. 59–77.
909. Li, Yufei, A class of multiplicity free truncated Toeplitz operators. **J. Math. Anal. Appl.** **504** (2021), Paper No. 125359, 12 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.
910. Bu, Qinggang; Chen, Yong; Zhu, Sen, Complex symmetric Toeplitz operators. **Integral Equations Operator Theory** (2021), Paper no 15, 19pp
Citează: Garcia, Stephan Ramon; Lutz, Bob; Timotin, Dan, *Two remarks about nilpotent operators of order two*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 1749–1756.
911. Khan, Rewayat The generalized Crofoot transform., **Oper. Matrices** **15** (2021), 225–237
Citează: Benhida, Chafiq; Timotin, Dan, *Functional models and finite-dimensional perturbations of the shift*, **Integral Equations Operator Theory** **29** (1997), pag. 187–196.

912. Carlsson, Marcus; Perfekt, Karl-Mikael, Nehari's theorem for convex domain Hankel and Toeplitz operators in several variables. **Int. Math. Res. Not. IMRN** (2021), 3331–3361.
Citează: Bakonyi, Mihály; Timotin, Dan, *On an extension problem for polynomials*, **Bull. London Math. Soc.** **33** (2001), pag. 599–605.
913. Popescu, Gelu, Representations of C^* -algebras associated with noncommutative polyvarieties., **Integral Equations Operator Theory** **93** (2021), Paper No 12, 51pp
Citează: Benhida, Chafiq; Timotin, Dan , *Automorphism invariance properties for certain families of multioperators.*, **Operator theory live, Theta, Bucharest** (2010), pag. 5–15.
914. Popescu, Gelu, Bergman spaces over noncommutative domains and commutant lifting. **J. Funct. Anal.** **280** (2021), Paper No 108943, 89 pag.
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.
915. Luo, Shuaibing; Gu, Caixing; Richter, Stefan, Higher order local Dirichlet integrals and de Branges–Rovnyak spaces. **Adv. Math.** **385** (2021), Paper No 107748, 47 pag.
Citează: Mashreghi, Javad; Timotin, Dan, *Nonextreme de Branges–Rovnyak spaces as models for contractions.*, **Integral Equations Operator Theory** **80** (2014), 137–152.
916. Khan, Rewayat, The generalized Crofoot transform, **Oper. Matrices** **15** (2021), 225–237
Citează: Khan, Rewayat; Timotin, Dan. *Matrix valued truncated Toeplitz operators: basic properties*, **Complex Anal. Oper. Theory** **12** (2018), pag. 997–1014.
917. Popescu, Gelu, Bergman spaces over noncommutative domains and commutant lifting. **J. Funct. Anal.** **280** (2021), Paper 108943, 89 pag.
Citează: Deepak, K. D.; Pradhan, Deepak Kumar; Sarkar, Jaydeb; Timotin, Dan, *Commutant lifting and Nevanlinna-Pick interpolation in several variables*, **Integral Equations Operator Theory** **92** (2020), Paper No 27, 15pp
918. P. Li, On some applications of Gauduchon metrics, **Geom Dedicata** **213** (2021), pag. 473–486
Citează: I. Chiose, R. Răsdeaconu, I. Şuvaina *Balanced metrics on uniruled manifolds*, **Comm. Anal. Geom.** **27** (2019), pag. 329 – 355
919. H. Wang, Cohomology dimension growth for Nakano q -semipositive line bundles, **J. Geom. Anal.** **31** (2021), 4934–4965
Citează: G Marinescu, R. Todor, I. Chiose, *L^2 holomorphic sections of bundles over weakly pseudoconvex coverings*, **Geom. Dedicata** **91** (2002), pag. 23–43
920. H. Wang, Cohomology dimension growth for Nakano q -semipositive line bundles, **J. Geom. Anal.** **31** (2021), 4934–4965
Citează: R. Todor, I. Chiose, G. Marinescu, *Morse inequalities for covering manifolds*, **Nagoya Math. J.** **163** (2001), pag. 145–165

921. H. Wang, The growth of dimension of cohomology of semipositive line bundles on Hermitian manifolds, **Math. Z.** **297** (2021), pag. 339–360
Citează: G Marinescu, R. Todor, I. Chiose, *L^2 holomorphic sections of bundles over weakly pseudoconvex coverings*, **Geom. Dedicata** **91** (2002), pag. 23–43
922. H. Wang, The growth of dimension of cohomology of semipositive line bundles on Hermitian manifolds, **Math. Z.** **297** (2021), pag. 339–360
Citează: R. Todor, I. Chiose, G. Marinescu, *Morse inequalities for covering manifolds*, **Nagoya Math. J.** **163** (2001), pag. 145–165
923. Bose, A., Saha, K. and Sen, P., 2021. Some patterned matrices with independent entries. *Random Matrices: Theory and Applications*, 10(03), p.2150030.
Citează: Popescu, I., *General tridiagonal random matrix models, limiting distributions and fluctuations*, **Probability theory and related fields**, **144** (2009), pp.179-220
924. Breuer, J., Grinshpon, Y. and White, M.J., 2021, June. Spectral fluctuations for Schrödinger operators with a random decaying potential. *Ann. H. Poincaré* (pp. 1-32). Springer International Publishing.
Citează: Popescu, I., *General tridiagonal random matrix models, limiting distributions and fluctuations*, **Probability theory and related fields**, **144** (2009), pp.179-220
925. Bardenet, R. and Hardy, A., 2020. Monte Carlo with determinantal point processes. *The Annals of Applied Probability*, 30(1), pp.368-417.
Citează: Popescu, I., *General tridiagonal random matrix models, limiting distributions and fluctuations*, **Probability theory and related fields**, **144** (2009), pp.179-220
926. Triayudi, A., Sumiati, S., Dwiyatno, S., Karyaningsih, D. and Susilawati, S., 2021. Measure the effectiveness of information systems with the naïve bayes classifier method. *IAES International Journal of Artificial Intelligence*, 10(2), p.414.
Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Naive bayes with correlation factor for text classification problem*, **2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)** (2019), pag. 1051–1056
927. Vaz, M., Yamgekar, V., Sharma, R. and Pawar, A., 2021, March. Talent Evaluator Using Adaptive Testing. In **2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)** (Vol. 1, pp. 444-447). IEEE.
Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Naive bayes with correlation factor for text classification problem*, **2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)** (2019), pag. 1051–1056
928. Azhari, M., Situmorang, Z. and Rosnelly, R., 2021. Perbandingan Akurasi, Recall, dan Presisi Klasifikasi pada Algoritma C4. 5, Random Forest, SVM dan Naive Bayes. *JURNAL MEDIA INFORMATIKA BUDIDARMA*, 5(2), pp.640-651.
Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Naive bayes with correlation factor for text classification problem*, **2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)** (2019), pag. 1051–1056
929. Gouiouez, M., A Fuzzy Near Neighbors Approach for Arabic Text Categorization Based on Web Mining Technique. In **International Conference on Digital Technologies and Applications** (pp. 575-584). Springer, Cham. 2021, January

Citează: Chen, J., Dai, Z., Duan, J., Matzinger, H. and Popescu, I. *Improved Naive Bayes with optimal correlation factor for text classification*, **SN Applied Sciences**, **1(9)**, pp.1-10. (2019)

930. PI Kinnear, The wreath product of semiprime skew braces is semiprime, **Comm. Alg.** (2021)
Citează: Nichita, F. *Introduction to the Yang-Baxter Equation with Open Problems*, **Axioms** (2012), 1, 33-37.
931. Dragomir, S.S. Some Bounds for the Complex Cebyshev Functional of Functions of Bounded Variation, **Symmetry** (2021), 13, 990
Citează: Iordanescu, R.; Nichita, F.F.; Pasarescu, O. *Unification Theories: Means and Generalized Euler Formulas*, **Axioms** (2020), 9, 144.
932. Duplij, S.; Vogl, R. Polyadic Braid Operators and Higher Braiding Gates. **Universe** (2021), 7, 301
Citează: Iantovics, L.B.; Nichita, F.F. *On the Colored and the Set-Theoretical Yang-Baxter Equations*. **Axioms** (2021), 10, 146.
933. Planat, M.; Aschheim, R.; Amaral, M.M.; Fang, F.; Irwin, K. Graph Coverings for Investigating Non Local Structures in Proteins, Music and Poems. **Sci** (2021), 3, 39.
Citează: Nichita, F.F. *Mathematics and Poetry. Unification, Unity, Union*. **Sci** (2020), 2, 84.
934. Simsek, Y. New Families of Special Polynomial Identities Based upon Combinatorial Sums Related to p-Adic Integrals. **Symmetry** (2021), 13, 1484
Citează: Iordanescu, R.; Nichita, F.F.; Pasarescu, O. *Unification Theories: Means and Generalized Euler Formulas*, **Axioms** (2020), 9, 144.
935. T. Oner, T. Katican, A. Saeid, Yang-Baxter equation in median algebras, **Rend. Circ. Mat. Palermo Series 2** (2021), 70, 79–95.
Citează: Nichita, F.F. *On the set-theoretical Yang-Baxter Equation*, **Acta Univ. Apulensis Math. Inf.** (2003), 5, 97-100.
936. T. Oner, T. Katican, A. Saeid, Yang-Baxter equation in median algebras, **Rend. Circ. Mat. Palermo Series 2** (2021), 70, 79–95.
Citează: Nichita, F.F. *Introduction to the Yang-Baxter Equation with open problems*, **Axioms** (2012), 1, 33–37.
937. T. Oner, T. Katican, A. Saeid, Yang-Baxter equation in median algebras, **Rend. Circ. Mat. Palermo Series 2** (2021), 70, 79–95.
Citează: Nichita, F.F. *Yang-Baxter equations. Comput. Methods Appl. Axioms* (2015) 4, 423–435.
938. T. Oner, T. Katican, A. Saeid, Yang-Baxter equation in median algebras, **Rend. Circ. Mat. Palermo Series 2** (2021), 70, 79–95.
Citează: Nichita, F.F. *Hopf algebras, quantum groups and Yang-Baxter equations* (2014), Special Issue.

939. A. Fonda, R. Toader, A dynamical approach to lower and upper solutions for planar systems, **Discrete and Continuous Dynamical Systems** **41** (2021), pag. 3683 – 3708.
Citează: C. Bereanu, J. Mawhin, *Existence and multiplicity results for some nonlinear problems with singular ϕ -Laplacian*, **J. Diff. Eq.** **243** (2007), pag. 538 – 557.
940. S. Biagi, A. Calamai, C. Marcelli, F. Papalini, Boundary value problems associated with singular strongly nonlinear equations with functional terms, **Advanced Nonlinear Studies** **10** (1) (2021), pag. 684 – 706.
Citează: C. Bereanu, J. Mawhin, *Existence and multiplicity results for some nonlinear problems with singular ϕ -Laplacian*, **J. Diff. Eq.** **243** (2007), pag. 538 – 557.
941. S. Biagi, A. Calamai, C. Marcelli, F. Papalini, Boundary value problems associated with singular strongly nonlinear equations with functional terms, **Advanced Nonlinear Studies** **10** (2021), pag. 684 – 706.
Citează: C. Bereanu, P. Jebelean, J. Mawhin, *Periodic solutions of pendulum-like perturbations of singular and bounded ϕ -Laplacian*, **J. Dynam. Diff. Eq.** **22** (2010), pag. 463 – 471.
942. S. Biagi, A. Calamai, C. Marcelli, F. Papalini, Boundary value problems associated with singular strongly nonlinear equations with functional terms, **Advanced Nonlinear Studies** **10** (1) (2021), pag. 684 – 706.
Citează: C. Bereanu, J. Mawhin, *Periodic solutions of nonlinear perturbations of ϕ -Laplacians with possible bounde ϕ* , **Nonlinear Anal. TMA** **68** (2008), pag. 1668 – 1681.
943. S. Sedziszewski, Boundary value problems with singular ϕ -Laplacians, **Bull. Belg. Math. Soc. Simon Stevin** **28** (1) (2021), pag. 21 – 27.
Citează: C. Bereanu, J. Mawhin, *Existence and multiplicity results for some nonlinear problems with singular ϕ -Laplacian*, **J. Diff. Eq.** **243** (2007), pag. 538 – 557.
944. A. Margheri, C. Rebelo, F. Zanolin, Fixed points for planar maps with multiple twists, with applications to nonlinear equations with indefinite weight, **Phil. Trans. R. Soc. A.** **379** (2021), pag.
Citează: C. Bereanu, J. Mawhin, *Existence and multiplicity results for some nonlinear problems with singular ϕ -Laplacian*, **J. Diff. Eq.** **243** (2007), pag. 538 – 557.
945. A. Margheri, C. Rebelo, F. Zanolin, Fixed points for planar maps with multiple twists, with applications to nonlinear equations with indefinite weight, **Phil. Trans. R. Soc. A.** **379** (2021), pag.
Citează: C. Bereanu, P.J. Torres, *Existence of at least two periodic solutions of the forced relativistic pendulum*, **Proc. Am. Math. Soc.** **140** (2012), pag. 2713 – 2719.
946. M. Matyjasik, K. Szymanska-Debowska, Solvability for nonlocal boundary value problems with generalized p -Laplacian on an unbounded domain, **Forum Math.** **33** (2021), pag. 1321 – 1330.
Citează: C. Bereanu, J. Mawhin, *Existence and multiplicity results for some nonlinear problems with singular ϕ -Laplacian*, **J. Diff. Eq.** **243** (2007), pag. 538 – 557.

947. M. Garzon, S. Maro, Motions of a charged particle in the electromagnetic field induced by a non-stationary current, **Physica D: Nonlinear Phenomena** **424** (2021), article 132945.
Citează: D. Arcoya, C. Bereanu, P.J. Torres *Critical point theory for the Lorentz force equation*, **Archive for Rational Mechanics and Analysis** **232** (2019), pag. 1685 – 1724.
948. M. Mihailescu, The spectrum of the mean curvature operator, **Proc. Royal Soc. Edinburgh Section A** **151** (2021), pag. 451 – 463.
Citează: D. Arcoya, C. Bereanu, P.J. Torres *Critical point theory for the Lorentz force equation*, **Arch. Rat. Mech. Anal.** **232** (2019), pag. 1685 – 1724.
949. M. Garzon, S. Maro, Motions of a charged particle in the electromagnetic field induced by a non-stationary current, **Physica D: Nonlinear Phenomena** **424** (2021), article 132945.
Citează: D. Arcoya, C. Bereanu, P.J. Torres *Lusternik-Schnirelman theory for the action integral of the Lorentz force equation*, **Calc. Var. Partial Diff. Eq.** **59** (2020), article 50.
950. Cantero, M. J.; Marcellan, F.; Moral, L.; et al., A CMV connection between orthogonal polynomials on the unit circle and the real line, **J. APPROX. TH.** **266** (2021), Article Number: 105579
Citează: Killip, R; Nenciu, I, *Matrix models for circular ensembles*, **Int. Math. Res. Not.** (2004), pag. 2701–2665.
951. Najnudel, Joseph; Virág, Balint, The bead process for beta ensembles, **PROBABILITY TH. REL. FIELDS** **179** (2021), pag. 589–647
Citează: Killip, R; Nenciu, I, *Matrix models for circular ensembles*, **Int. Math. Res. Not.** (2004), pag. 2701–2665.
952. Gautier, Guillaume; Bardenet, Remi; Valko, Michal, Fast sampling from beta-ensembles, **STATISTICS AND COMPUTING** **31** (2021), Article Number: 7
Citează: Killip, R; Nenciu, I, *Matrix models for circular ensembles*, **Int. Math. Res. Not.** (2004), pag. 2701–2665.
953. Lambert, Gaultier, Mesoscopic central limit theorem for the circular beta-ensembles and applications, **ELECTRONIC J. PROB.** **26** (2021), Article Number: 7
Citează: Killip, R; Nenciu, I, *Matrix models for circular ensembles*, **Int. Math. Res. Not.** (2004), pag. 2701–2665.
954. Eichelsbacher, Peter; Knichel, Lukas, Fine asymptotics for models with Gamma type moments, **RANDOM MATRICES-THEORY AND APPLICATIONS** **10** (2021), Article Number: 2150007
Citează: Killip, R; Nenciu, I, *Matrix models for circular ensembles*, **Int. Math. Res. Not.** (2004), pag. 2701–2665.
955. Gamboa, Fabrice; Nagel, Jan; Rouault, Alain, Large deviations and a new sum rule for spectral matrix measures of the Jacobi ensemble **RANDOM MATRICES-THEORY AND APPLICATIONS** **10** (2021), Article Number:

- 2150008 *Citează*: Killip, R; Nenciu, I, *Matrix models for circular ensembles*, **Int. Math. Res. Not.** (2004), pag. 2701–2665.
956. Cantero, M. J.; Marcellan, F.; Moral, L.; et al., A CMV connection between orthogonal polynomials on the unit circle and the real line, **J. APPR. TH.** **266** (2021), Article Number: 105579
Citează: Killip, Rowan; Nenciu, Irina, *CMV: the unitary analogue of Jacobi matrices*, **Comm. Pure Appl. Math.** **60** (2007), pag 1148–1188.
957. Gautier, Guillaume; Bardenet, Remi; Valko, Michal, Fast sampling from beta-ensembles, **STAT. COMP.** **31** (2021), Article Number: 7
Citează: Killip, Rowan; Nenciu, Irina, *CMV: the unitary analogue of Jacobi matrices*, **Comm. Pure Appl. Math.** **60** (2007), pag 1148–1188.
958. Harrop-Griffiths, Benjamin; Killip, Rowan; Visan, Monica, Microscopic conservation laws for integrable lattice models, **MONATS. MATH.** **196** (2021), pag. 477–504
Citează: Nenciu, Irina, *Lax pairs for the Ablowitz-Ladik system via orthogonal polynomials on the unit circle*, **Int. Math. Res. Not.** **11** (2005), 647–686.
959. Allan, S. Blake; Gesztesy, Fritz, On critical dipoles in dimensions $n \geq 3$, **J. DIFF. EQ.** **300** (2021), pag. 881–924
Citează: Gesztesy, Fritz; Mitrea, Marius; Nenciu, Irina; et al., *Decoupling of deficiency indices and applications to Schrödinger-type operators with possibly strongly singular potentials*, **Adv. Math.** **301** (2016), pag. 1022 – 1061
960. Dauge, Monique; Jex, Michal; Lotoreichik, Vladimir, Trace Hardy inequality for the Euclidean space with a cut and its applications **J. MATH. ANAL. APPL.** **500** (2021), Article Number: 125124
Citează: Gesztesy, Fritz; Mitrea, Marius; Nenciu, Irina; et al., *Decoupling of deficiency indices and applications to Schrödinger-type operators with possibly strongly singular potentials*, **Adv. Math.** **301** (2016), pag. 1022 – 1061
961. Nguyen Tuan Duy, SOME HARDY TYPE INEQUALITIES WITH FINSLER NORMS, **MATH. SLOVACA** **71** (2021), pag. 317–330
Citează: Gesztesy, Fritz; Mitrea, Marius; Nenciu, Irina; et al., *Decoupling of deficiency indices and applications to Schrödinger-type operators with possibly strongly singular potentials*, **Adv. Math.** **301** (2016), pag. 1022 – 1061
962. Chen, Yiren; Feng, Bao-Feng; Ling, Liming, The robust inverse scattering method for focusing Ablowitz-Ladik equation on the non-vanishing background, **PHYSICA D-NONLINEAR PHENOMENA** **424** (2021), Article Number: 132954
Citează: Li, Luen-Chau; Nenciu, Irina, *The periodic defocusing Ablowitz-Ladik equation and the geometry of Floquet CMV matrices*, **Adv. Math.** **231** (2012), pag. 3330–3388;
963. Luo, Xiao; Yang, Tao, Multiplicity, asymptotics and stability of standing waves for non-linear Schrodinger equation with rotation, **J. DIFF. EQ.** **304** (2021), pag. 326–347
Citează: Arbutich, Jack; Nenciu, Irina; Sparber, Christof, *Stability and instability properties of rotating Bose-Einstein condensates*, **Lett. Math. Phys.** **109** (2019), pag. 1415 – 1432

964. Guo, Yujin; Luo, Yong; Peng, Shuangjie, Local uniqueness of ground states for rotating bose-einstein condensates with attractive interactions, **CALC. VAR. PARTIAL DIFF. EQU.** **60** (2021), Article Number: 237
Citează: Arbutich, Jack; Nenciu, Irina; Sparber, Christof, *Stability and instability properties of rotating Bose-Einstein condensates*, **Lett. Math. Phys.** **109** (2019), pag. 1415 – 1432