

Raport de Activitate - 2016 - anexă citări

1 Citări apărute în 2015 și neconținute în Raportul pe 2015

1. S. Crivei, *Neat and coneat submodules of modules over commutative rings*, **Bull. Aust. Math. Soc.** **89** (2014), 343-352.
Citeaza: T. Albu, *Asupra unor clase de module (I)*, **Stud. Cerc. Mat.** **24** (1972), 1329-1392.
Citeaza: T. Albu, *Asupra unor clase de module (II)*, **Stud. Cerc. Mat.** **24** (1972), 1455-1501.
2. D. Keskin Tütüncü, B. Kaleboğaz, *On coretractable modules*, **Hokkaido Math. J.** **44** (2015), 91-99.
Citeaza: T. Albu, R. Wisbauer, *Kasch modules*, in “**Advances in Ring Theory**”, Proceedings of the 23rd biennial Ohio State - Denison Conference, edited by S. K. Jain, S. Tariq Rizvi, **Trends in Mathematics**, **Birkhäuser**, (1997), pp. 1-16.
3. J. Goswami, H.K. Saikia, *Strong Goldie dimension and Krull dimension of modules*, **Int. J. Math. Archive** **5** (2014), 53-57.
Citeaza: T. Albu, S.T. Rizvi, *Chain conditions on quotient finite dimensional modules*, **Comm. Algebra** **29** (2001), 1909-1928.
4. D. Dias, *Dénombrément dans les empilements apolloniens généralisés et distribution angulaire dans les extensions quadratiques imaginaires*, Ph. D. Thesis, **Université de Montréal**, 2015, 104 pagini.
Citeaza: T. Albu, F. Nicolae, *Heckesche Systeme idealer Zahlen und Knesersche Körpererweiterungen*, **Acta Arithmetica** **73** (1995), 43-50.
Citeaza: T. Albu, “*Cogalois Theory*”, **A Series of Monographs and Textbooks**, Vol. **252**, Marcel Dekker, Inc., New York and Basel (2003), 368 pagini.
5. M. Lelli-Chiesa, *Generalized Lazarsfeld-Mukai bundles and a conjecture of Donagi and Morrison*, **Advances in Math.** **268** (2015) pag. 529 – 563
Citeaza: Marian Aprodu *Lazarsfeld-Mukai bundles and applications*, In: Peeva, I. (ed.) **Commutative Algebra**. Expository papers dedicated to David Eisenbud on the occasion of his 65th birthday, Springer, New York (2013) pag. 1 – 23.
6. U. N. Bhosle, L. Brambila-Paz, and P. E. Newstead, *On linear series and a conjecture of D. C. Butler*, **International J. Math.** **26** (2) (2015) 1550007
Citeaza: M. Aprodu, J. Nagel, *Koszul Cohomology and Algebraic Geometry*, **University Lecture Series 62** American Mathematical Society, Providence RI 2010.

7. U. N. Bhosle, L. Brambila-Paz, and P. E. Newstead, On linear series and a conjecture of D. C. Butler, **International J. Math.** **26 (2)** (2015) 1550007
Citeaza: M. Aprodu, G. Farkas, A. Ortega, *Minimal resolutions, Chow forms of K3 surfaces and Ulrich bundles*, **J. Reine Angew. Math.** in curs de publicare.
8. H. Lange, P. E. Newstead, and V. Strehl, Nonemptiness of Brill-Noether loci in $M(2,L)$, **International J. Math.** **26 (13)** (2015) 1550108
Citeaza: M. Aprodu, J. Nagel, *Non-vanishing for Koszul cohomology of curves*, **Commentarii Math. Helv.** **87 (3)** (2007) pag. 617 – 628
9. Kwang-Soon Park, Almost h-semi-slant Riemannian maps to almost quaternionic Hermitian manifolds, **Communications in Contemp. Math.** **17** (2015) 1550008
Citeaza: M. A. Aprodu, M. Aprodu, V. Brinzanescu, *A class of harmonic submersions and minimal submanifolds*, **International J. Math.** **11 (9)** (2000) pag. 1177 – 1191
10. G. Fendler, M. Leinert, On convolution dominated operators, **Preprint arXiv: 1512.06883** (2015),
Citeaza: I. Beltiță, D. Beltiță, *Inverse-closed algebras of integral operators on locally compact groups*. **Ann. Henri Poincaré** **16** (2015), no. 5, pag. 1283–1306.
11. R. Ma, Y. Lu, Multiplicity of positive solutions for second order nonlinear Dirichlet problem with one-dimension Minkowski-curvature operator, **Adv. Nonlinear Stud.** **15** (2015), pag. 789 – 803.
Citeaza: C. Bereanu, P. Jebelean, P. J. Torres, *Positive radial solutions for Dirichlet problems with mean curvature operators in Minkowski space*, **J. Funct. Anal.** **264** (2013), pag. 270 – 287.
C. Bereanu, P. Jebelean, P.J. Torres, *Multiple positive radial solutions for a Dirichlet problem involving the mean curvature operator in Minkowski space*, **J. Funct. Anal.** **265** (2013), pag. 644 – 659.
12. P. Candito, R. Livrea, J. Mawhin, Three solutions for a two-point boundary value problem with the prescribed mean curvature equation, **Differential Integral Equations** **28** (2015), pag. 989 – 1010.
Citeaza: C. Bereanu, J. Mawhin, *Boundary value problems with non-surjective ϕ - Laplacian and one-side bounded nonlinearity*, **Adv. Differential Equations** **11** (2006), pag. 35 – 60.
13. Oxana Manita, Positivity of transition probabilities of infinite-dimensional diffusion processes on ellipsoids, **Theory Stoch. Process.**, **20(36)** (2015), pag. 85–96.
Citează: L. Beznea, N. Boboc, and M. Röckner *Markov processes associated with L_p -resolvents and applications to stochastic differential equations on Hilbert space*, **Journal of Evolutional Equations** **6** (2006), pag. 745–772.
14. J. A'zami, K. Bahmanpour, I. Bagheriyeh, Cofiniteness of local cohomology modules over Noetherian rings, **Bull. Belgian Math. Soc. - Simon Stevin, Volume 22, (5)**, (2015), pg. 715-724.
Citeaza: G. Chiriacescu, *Cofiniteness of local cohomology modules over regular local rings*, **Bull. London Math. Soc.**, **32**, (2000), pag. 1-7.

15. Yi-Huang Shen, Bounds on the Stanley depth and Stanley regularity of edge ideals of clutters, **J. Commut. Algebra** **7** (2015), no. 3, pag. 423 – 445
Citeaza: Mircea Cimpoeas, *Some remarks on the Stanley depth for multigraded modules* **Matematiche (Catania)** **63**, no. 2 (2008), pag. 165-171
16. A. Alipour; S. A. Seyed Fakhari; S. Yassemi, Stanley depth of factors of polymatroidal ideals and the edge ideal of forests, **Arch. Math. (Basel)** **105**, (2015), no. 4, pag. 323 – 332
Citeaza: Mircea Cimpoeas, *Stanley depth of quotient of monomial complete intersection ideals*, **Communications in Algebra** **40(8)** (2014), pag. 2720 – 2731
17. Shen, Yi-Huang, Bounds on the Stanley depth and Stanley regularity of edge ideals of clutters, **J. Commut. Algebra** **7** (2015), no. 3, pag. 423 – 445
Citeaza: Mircea Cimpoeas, *Several inequalities regarding Stanley depth*, **Rom. J. Math. Comput. Sci.** **2**, no. 1 (2012), pag. 28 – 40
18. Lu, Dancheng; Chu, Lizhong, Partial regularities and a^* -invariants of Borel type ideals, **J. Algebra Appl.** **14** (2015), no. 6, 7 pag.
Citeaza: Mircea Cimpoeas, *Citeaza: A stable property of Borel type ideals*, **Communications in Algebra** **36(2)** (2008), pag. 674 – 677
19. Guo, Jin; Wu, Tongsuo, Monomial ideals under ideal operations, **Comm. Algebra** **43** (2015), no.11, pag. 4745 – 4762
Citeaza: Mircea Cimpoeas, *Some remarks on Borel type ideals*, **Communications in Algebra** **37(2)** (2009), pag. 724 – 727
20. Lu, Dancheng; Chu, Lizhong, Partial regularities and a^* -invariants of Borel type ideals, **J. Algebra Appl.** **14** (2015), no. 6, 7 pag.
Citeaza: Mircea Cimpoeas, *Some remarks on Borel type ideals*, **Communications in Algebra** **37(2)** (2009), pag. 724 – 727
21. T. Ohsawa, Stability of pseudoconvexity of disc bundles over compact Riemann surfaces and application to a family of Galois coverings, **Internat. J. Math.** **26** (2015), 1540003
Citeaza: M. Colțoiu, K. Diederich, *On the coverings of proper families of 1-dimensional complex spaces*, **Michigan Math. J.** **47** (2000), pag. 369–375
22. T. Ohsawa, Stability of pseudoconvexity of disc bundles over compact Riemann surfaces and application to a family of Galois coverings, **Internat. J. Math.** **26** (2015), 1540003
Citeaza: M. Colțoiu, V. Vâjâitu, *Locally trivial fibrations with singular 1-dimensional Stein fiber over q -complete spaces*, **Nagoya Math. J.** **157** (2000), pag. 1–13.
23. Martin C. I., *Surface tension effects in the equatorial ocean dynamics*, **Monatshefte für Mathematik** (2015), doi:10.1007/s00605-015-0858-9.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the f -plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
24. Eckhardt J., Gesztesy F., Holden H., Kostenko A., Teschl G. *Real-valued algebro-geometric solutions of the two-component Camassa-Holm hierarchy*, **arXiv:1512.03956** (2015), 1–35.

Cited: Ionescu-Kruse D., *Variational derivation of two-component Camassa-Holm shallow water system*, **Applicable Analysis** **92** (2013), 1241–1253.

25. M. Radziwiłł și K. Soundararajan, *Moments and distribution of central L -values of quadratic twists of elliptic curves*, **Inventiones Mathematicae** **202**, no. 3 (2015), pag. 1029–1068,
Citeaza: A. Diaconu, D. Goldfeld și J. Hoffstein, *Multiple Dirichlet series and moments of zeta and L -functions*, **Compos. Math.** **139** (2003), pag. 297–360.
26. Bezerra, F. D. M.; Nascimento, M. J. D.; da Silva, S. H., *Asymptotic behavior of solutions to a class of nonlocal non-autonomous diffusion equations*, **MATHEMATICAL METHODS IN THE APPLIED SCIENCES** Volume: 38 Issue: 17 Pages: 4317-4329 (2015),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *A nonlocal convection-diffusion equation*, **JOURNAL OF FUNCTIONAL ANALYSIS** Volume: 251 Issue: 2 Pages: 399-437 (2007),
27. Ammari, Kais; Mercier, Denis; Regnier, Virginie, *Spectral analysis of the Schrodinger operator on binary tree-shaped networks and applications*, **JOURNAL OF DIFFERENTIAL EQUATIONS** Volume: 259 Issue: 12 Pages: 6923-6959 (2015),
Citeaza: Banica, Valeria; Ignat, Liviu I. *Dispersion for the Schrödinger equation on networks.*, **J. Math. Phys.** (2011), no. 8, 083703, 14 pp.
28. A. Andersson, *The noncommutative Gohberg-Krein theorem*. **Doctor of Philosophy thesis, School of Mathematics and Applied Statistics, University of Wollongong**, <http://ro.uow.edu.au/theses/4565> (2015)
Citează: I. Belțiță, M. Măntoiu, *Rieffel deformation and twisted crossed products*. **Int. Math. Res. Not. IMRN** **2014** (2014), no. 2, 551–567.
29. M. Allaoua, *Approximation par la Méthode de Décomposition en sous Domaines d'une Classe d'Inéquation Quasi-Variationnelle Elliptique*, **PhD Thesis, Université Badji Mokhtar-Annaba, Faculté des Sciences. Département de Mathématiques** (2015)
Citeaza: L. Badea, *On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems*, **SIAM J. Numer. Anal.**, vol. 28, no. 1 (1991), pag. 179-204
30. S. Boulaaras, *Asymptotic behavior and a posteriori error estimates in Sobolev space for the generalized overlapping domain decomposition method for evolutionary HJB equation*, **preprint** (2015)
Citeaza: L. Badea, *On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems*, **SIAM J. Numer. Anal.**, vol. 28, no. 1 (1991), pag. 179-204
31. G. Guguin, *Stratégie non-intrusive de couplage plaque/3D pour la simulation des assemblages de plaques composites stratifiées*, **PhD Thesis, Ecole Normale Supérieure de Cachan, Archive Ouverte HAL, HAL Id: tel-01215882** (2015), pag. <https://tel.archives-ouvertes.fr/tel-01215882>
Citeaza: L. Badea, *On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems*, **SIAM J. Numer. Anal.**, vol. 28, no. 1 (1991), pag. 179-204

32. G. S. Ahmed, Schwarzs Method for Differential and Difference Equations, **Master Thesis, Eastern Mediterranean University Gazimagusa, North Cyprus** (2015)
Citeaza: L. Badea and J. Wang, *An Additive Schwarz method for variational inequalities*, **Math. of Comp.**, **69**, **232** (2000), pag. 1341-1354
33. M. Allaoua, Approximation par la Mthode de Dcomposition en sous Domaines dune Classe dInquation Quasi-Variationnelle Elliptique, **PhD Thesis, Université BadjiMokhtar-Annaba, Faculté des Sciences. Département de Mathématiques** (2015)
Citeaza: L. Badea, X.-C. Tai and J. Wang, *Convergence rate analysis of a multiplicative Schwarz method for variational inequalities*, **SIAM J. Numer. Anal.**, **41**, **3** (2003), pag. 1052-1073
34. G. S. Ahmed, Schwarzs Method for Differential and Difference Equations, **Master Thesis, Eastern Mediterranean University Gazimagusa, North Cyprus** (2015)
Citeaza: L. Badea, *On the Schwarz-Neumann method with an arbitrary number of domains*, **IMA J. Num. Anal.**, **24** (2004), pag. 215-238
35. D. Faurie, et al., Peculiar effective elastic anisotropy of nanometric multilayers studied by surface Brillouin scattering, **Superlattices and Microstructures**, **88** (2015), pag. 551-560
Citeaza: R. Brenner, O. Castelnau and L. Badea, *Mechanical field fluctuations in polycrystals estimated by homogenization techniques*, **Proc. R. Soc. Lond. A**, **460** (2004), pag. 3589-3612
36. B. Zhang, Optimization of a Wastewater Treatment Plant Expansion with Flexible Expansion Time, **Master Thesis, University of Toronto, Department of Chemical Engineering and Applied Chemistry** (2015)
Citeaza: L. Badea, *On the valuation of American options*, **Annals of University of Craiova, Mathematics and Computer Science series**, vol. **31**, **2** (2004), pag. 91-97
37. W. Gong, H. H. Xie and N. N. Yan, A multilevel correction method for optimal controls of elliptic equations, **SIAM Journal on Scientific Computing**, **37**, **5** (2015), pag. A2198-A2221
Citeaza: 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
38. X. M. He, L. Li, Y. P. Lin and J. Ming, A Domain Decomposition Method for the Steady-State Navier-Stokes-Darcy Model with Beavers-Joseph Interface Condition, **SIAM J. Sci. Comput.**, **37**, **5** (2015), pag. S264-S290
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
39. S. Müthing, A flexible framework for multi physics and multi domain PDE simulations, **PhD Thesis, Institut für Parallele und Verteilte Systeme der Universität Stuttgart**, (2015)
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227

40. A. Libgober, Albanese varieties of abelian covers, **J. Singul.** 12 (2015), pag. 105–123.
Citeaza: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** 17 (2013), pag. 273–309.
41. A. Suciuc, Alexander, Y. Yang, G. Zhao, Homological finiteness of Abelian covers, **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) 14 (2015), pag. 101–153.
Citeaza: D. Matei, A. I. Suciuc, *Hall invariants, homology of subgroups, and characteristic varieties*, **Int. Math. Res. Not.** 2002 (2002), pag. 465–503.
42. D. Cohen, H. Schenck, Chen ranks and resonance, **Adv. Math.** 285 (2015), 127.
Citeaza: D. Matei, *Cohomology rings and nilpotent quotients of real and complex arrangements*, **Adv. Stud. Pure Math.**, pag. 185–215, Kinokuniya, Tokyo, 2000.
43. N. Budur, Nero Bernstein-Sato ideals and local systems, **Ann. Inst. Fourier (Grenoble)** 65 (2015), pag. 549 – 603
Citeaza: A. Dimca, L. Maxim, *Multivariable Alexander invariants of hypersurface complements*, **Trans. Amer. Math. Soc.** 359 (2007), pag. 3505 – 3528.
44. M. Mikosz, A. Weber, Equivariant Hirzebruch class for quadratic cones via degenerations, **J. Singul.** 12 (2015), pag. 131 – 140
Citeaza: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, *Characteristic classes of complex hypersurfaces*, **Adv. Math.** 225 (2010), pag. 2616 – 2647.
45. N. Ramachandran, Zeta functions, Grothendieck groups, and the Witt ring, **Bull. Sci. Math.** 139 (2015), pag. 599 – 627
Citeaza: L. Maxim, J. Schürmann, *Twisted genera of symmetric products*, **Selecta Math. (N.S.)** 18 (2012), pag. 283 – 317.
46. T. Ashikaga, Toric modifications of cyclic orbifolds and an extended Zagier reciprocity for Dedekind sums, **Tohoku Math. J. (2)** 67 (2015), pag. 323 – 347
Citeaza: L. Maxim, J. Schürmann, *Characteristic classes of singular toric varieties*, **Electron. Res. Announc. Math. Sci.** 20 (2013), pag. 109 – 120
47. B. Davison, D. Maulik, J. Schürmann, B. Szendrői, Purity for graded potentials and quantum cluster positivity, **Compos. Math.** 151 (2015), pag. 1913 – 1944
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
48. X.Y. Zhou, T. Yang, Spectral sequence and finitely presented dimension for weak Hopf-Galois extensions, **Math. Notes** 98 (2015), pag. 820–830
Citează: C. Năstăsescu, F. Panaite, F. Van Oystaeyen, *External homogenization for Hopf algebras: applications to Maschke’s theorem*, **Algebr. Represent. Theory** 2 (1999), pag. 211–226
49. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: S. Crivei, C. Năstăsescu, B. Torrecillas *On the Osofsky-Smith theorem*, **Glasgow Math. J.** 52A (2010), pag. 61–87

50. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: C. Năstăsescu, *Teorie della torsione*, Quaderni dei Gruppi di Ricerca Matematica CNR, Università di Ferrara (1974)
51. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: C. Năstăsescu, *Conditions de finitude pour les modules*, **Rev. Roumaine Math. Pures Appl.** **24** (1979), pag. 745–758
52. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: C. Năstăsescu, *Conditions de finitude pour les modules (II)*, **Rev. Roumaine Math. Pures Appl.** **25** (1980), pag. 615–630
53. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: C. Năstăsescu, *Théorème de Hopkins pour les catégories de Grothendieck*, In: Ring Theory: Proceedings of the 1980 Antwerp Conference, Lecture Notes in Mathematics **825**, pag. 88–93, Springer, Berlin, Heidelberg, New York (1980)
54. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: C. Năstăsescu, *Δ -anneaux et modules Σ -injectifs. Applications aux catégories localement artiniennes*, **Comm. Algebra** **9** (1981), pag. 1981–1996
55. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, D. Reidel Publishing Company, Dordrecht, Boston, Lancaster, Tokyo (1987)
56. S. Crivei, A. Kör, Rickart and dual Rickart objects in abelian categories, **Appl. Categor. Struct.** (2015), pag. 1–28
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)
57. S. Crivei, A. Kör, Rickart and dual Rickart objects in abelian categories, **Appl. Categor. Struct.** (2015), pag. 1–28
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)
58. S. Crivei, A. Kör, Rickart and dual Rickart objects in abelian categories, **Appl. Categor. Struct.** (2015), pag. 1–28
Citează: S. Dăscălescu, C. Năstăsescu, A. Tudorache, *A note on regular objects in Grothendieck categories*, **Arab. J. Sci. Eng.** **36** (2011), pag. 957–962
59. S. Crivei, A. Kör, Rickart and dual Rickart objects in abelian categories, **Appl. Categor. Struct.** (2015), pag. 1–28

- Citează:* S. Dăscălescu, C. Năstăsescu, A. Tudorache, L. Dăuș, *Relative regular objects in categories*, **Appl. Categ. Struct.** **14** (2006), pag. 567–577
60. S. Crivei, A. Kör, Rickart and dual Rickart objects in abelian categories, **Appl. Categor. Struct.** (2015), pag. 1–28
Citează: L. Dăuș, C. Năstăsescu, F. Van Oystaeyen, *V-categories: Applications to graded rings*, **Comm. Algebra** **37** (2009), pag. 3248–3258
61. S. Crivei, A. Kör, Rickart and dual Rickart objects in abelian categories, **Appl. Categor. Struct.** (2015), pag. 1–28
Citează: C. Năstăsescu, B. Torrecillas, Y.H. Zhang, *Hereditary coalgebras*, **Comm. Algebra** **24** (1994), pag. 1521–1528
62. Y. Ginosar, O. Schnabel, A graph-theoretic approach for comparing dimensions of components in simply-graded algebras, **Discrete Math.** **338** (2015), pag. 59–63
Citează: S. Dăscălescu, B. Ion, C. Năstăsescu, J. Rios Montes, *Group gradings on full matrix rings*, **J. Algebra** **220** (1999), pag. 709–728
63. J. Meinel, Duflo theorem for a class of generalized Weyl algebras, **J. Algebra Appl.** **14** (2015), pag. 59–63
Citează: C. Năstăsescu, Ş. Raianu, F. Van Oystaeyen, *Modules graded by G-sets*, **Math. Z.** **203** (1990), pag. 605–627
64. G. Böhm J. Gómez-Torrecillas, E. López-Centella, Weak multiplier bialgebras, **Trans. Amer. Math. Soc.** **367** (2015), pag. 8681–8721
Citează: F. Castaño-Iglesias, S. Dăscălescu, C. Năstăsescu, *Symmetric coalgebras*, **J. Algebra** **279** (2004), pag. 326–344
65. D.-G. Wang, Q.-G. Chen, Separable functors in group coring, **Osaka J. Math.** **52** (2015), pag. 475–495
Citează: F. Castaño-Iglesias, J. Gómez-Torrecillas, C. Năstăsescu, *Separable functors in coalgebras. Applications*, **Tsukuba J. Math.** **21** (1997), pag. 329–344
66. D.-G. Wang, Q.-G. Chen, Separable functors in group coring, **Osaka J. Math.** **52** (2015), pag. 475–495
Citează: F. Castaño-Iglesias, J. Gómez-Torrecillas, C. Năstăsescu, *Separable functors in graded rings*, **J. Pure Appl. Algebra** **127** (1998), pag. 219–230
67. D.-G. Wang, Q.-G. Chen, Separable functors in group coring, **Osaka J. Math.** **52** (2015), pag. 475–495
Citează: C. Năstăsescu, M. Van den Bergh, F. Van Oystaeyen, *Separable functors applied to graded rings*, **J. Algebra** **123** (1989), pag. 397–413
68. A. Elduque, M. Kochetov, Graded modules over classical simple Lie algebras with a grading, **Isr. J. Math.** **207** (2015), pag. 229–280
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
69. A. Braun, Factoriality for the reductive Zassenhaus variety and quantum enveloping algebra, **Adv. Math.** **274** (2015), pag. 97–117

- Citează:* C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
70. E. Batista, S. Caenepeel, J. Verduyn, Hopf categories, **Algebr. Represent. Theor.** **19** (2015), pag. 1173–1216
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
71. A. Huang, R. Temam: The 2d nonlinear fully hyperbolic inviscid shallow water equations in a rectangle, **J. Dynam. Differential Equations**, 27 (2015), no. 3-4, 763–785
Citează: A. Huang, M. Petcu, R. Temam. The nonlinear 2D supercritical inviscid shallow water equations in a rectangle, *Asymptotic Analysis*, 93 (2015), no.3, 187–218.
72. P. Colli, T. Fukao: Equation and dynamic boundary condition of Cahn-Hilliard type with singular potentials, **Nonlinear Anal.** 127 (2015), 413–433
Citează: L. Cherfils, M. Petcu. A numerical analysis of the Cahn-Hilliard equation with non-permeable walls. **Numer. Math.**, 128 (2014), no. 3, 517–549
73. A. Huang, R. Temam. The 2d nonlinear fully hyperbolic inviscid shallow water equations in a rectangle. **J. Dynam. Differential Equations**, 27 (2015), no. 3-4, 763–785
Citează: A. Huang, M. Petcu, R. Temam. The one-dimensional supercritical shallow water equations with topography. *Ann. Univ. Buchar. Math. Ser. 2(LX)* (2011), no. 1, 63–82
74. Y. Hong: Numerical approximation of the singularly perturbed heat equation in a circle. **J. Sci. Comput.**, 62 (2015), no. 1, 1–24
Citează: C. Y. Jung, M. Petcu, R. Temam: Singular perturbation analysis on a homogeneous ocean circulation model. *Anal. Appl. (Singap.)* 9 (2011), no. 3, 275–313
75. G. M. Gie, R. Temam: Convergence of a cell-centered finite volume method and application to elliptic equations. **Int. J. Numer. Anal. Model.**, 12 (2015), no. 3, 536–566
Citează: S. Faure, M. Petcu, R. Temam, J. Tribbia, On the inaccuracies of some finite volume discretizations of the linearized shallow water problem. *Int. J. Numer. Anal. Model.* 8 (2011), no. 3, 518–541
76. H. Fakih: A Cahn-Hilliard equation with a proliferation term for biological and chemical applications. **Asymptot. Anal.**, 94 (2015), no. 1-2, 71–104
Citează: L. Cherfils, M. Petcu, M. Pierre. A numerical analysis of the Cahn-Hilliard equation with dynamic boundary conditions. *Discrete Contin. Dyn. Syst.* 27 (2010), no. 4, 1511–1533
77. L. Cherfils, H. Fakih, A. Miranville. On the Bertozzi-Esedoglu-Gillette-Cahn-Hilliard equation with logarithmic nonlinear terms. **SIAM J. Imaging Sci.**, 8 (2015), no. 2, 1123–1140
Citează: L. Cherfils, M. Petcu, M. Pierre. A numerical analysis of the Cahn-Hilliard equation with dynamic boundary conditions. *Discrete Contin. Dyn. Syst.* 27 (2010), no. 4, 1511–1533
78. L. Cherfils, H. Fakih, A. Miranville. Finite-dimensional attractors for the Bertozzi-Esedoglu-Gillette-Cahn-Hilliard equation in image inpainting. **Inverse Probl. Imaging**, 9 (2015),

- no. 1, 105–125
Citeaza: L. Cherfils, M. Petcu, M. Pierre. A numerical analysis of the Cahn-Hilliard equation with dynamic boundary conditions. *Discrete Contin. Dyn. Syst.* 27 (2010), no. 4, 1511–1533
79. R. Temam, K. J. Wu: Formulation of the equations of the humid atmosphere in the context of variational inequalities. **J. Funct. Anal.**, 269 (2015), no. 7, 2187–2221
Citeaza: M. Petcu, R. Temam, M. Ziane. Some mathematical problems in geophysical fluid dynamics. Handbook of numerical analysis. Vol. XIV. Special volume: computational methods for the atmosphere and the oceans, 577–750, *Handb. Numer. Anal.*, 14, Elsevier/North-Holland, Amsterdam, 2009
80. M. Coti Zelati, A. Huang, I. Kukavica, R. Temam, M. Ziane: The primitive equations of the atmosphere in presence of vapour saturation. **Nonlinearity**, 28 (2015), no. 3, 625–668
Citeaza: M. Petcu, R. Temam, M. Ziane. Some mathematical problems in geophysical fluid dynamics. Handbook of numerical analysis. Vol. XIV. Special volume: computational methods for the atmosphere and the oceans, 577–750, *Handb. Numer. Anal.*, 14, Elsevier/North-Holland, Amsterdam, 2009
81. H. Koba: On stability of the spatially inhomogeneous Navier-Stokes-Boussinesq system with general nonlinearity. **Arch. Ration. Mech. Anal.**, 215 (2015), no. 3, 907965
Citeaza: M. Petcu, R. Temam, M. Ziane. Some mathematical problems in geophysical fluid dynamics. Handbook of numerical analysis. Vol. XIV. Special volume: computational methods for the atmosphere and the oceans, 577–750, *Handb. Numer. Anal.*, 14, Elsevier/North-Holland, Amsterdam, 2009
82. S. L. Wu: Convergence analysis of some second-order parareal algorithms. **IMA J. Numer. Anal.**, 35 (2015), no. 3, 1315–1341
Citeaza: M. Gander, M. Petcu: Analysis of a Krylov subspace enhanced parareal algorithm for linear problems. Paris-Sud Working Group on Modelling and Scientific Computing 2007–2008, 114–129, *ESAIM Proc.*, 25, EDP Sci., Les Ulis, 2008
83. S. L. Wu, T. Zhou: Convergence analysis for three parareal solvers. **SIAM J. Sci. Comput.**, 37 (2015), no. 2, A970–A992
Citeaza: M. Gander, M. Petcu: Analysis of a Krylov subspace enhanced parareal algorithm for linear problems. Paris-Sud Working Group on Modelling and Scientific Computing 2007–2008, 114–129, *ESAIM Proc.*, 25, EDP Sci., Les Ulis, 2008
84. N. Ju, R. Temam: Finite dimensions of the global attractor for 3D primitive equations with viscosity. **J. Nonlinear Sci.**, 25 (2015), no. 1, 131–155
Citeaza: M. Petcu. On the three-dimensional primitive equations. *Adv. Differential Equations* 11 (2006), no. 11, 1201–1226
85. M. Hamouda, A. Sboui: Boundary layers generated by singularities in the source function. **Asymptot. Anal.**, 93 (2015), no. 4, 281–310
Citeaza: M. Petcu. Euler equation in a 3D channel with a noncharacteristic boundary. *Differential Integral Equations* 19 (2006), no. 3, 297–326

86. T. Tang, H. Gao: On the stability of weak solution for compressible primitive equations. **Acta Appl. Math.**, 140 (2015), 133–145
Citeaza: M. Petcu, R. Temam, D. Wirosoetisno. Existence and regularity results for the primitive equations in two space dimensions. *Commun. Pure Appl. Anal.* 3 (2004), no. 1, 115–131
87. M. Augustin, M. Bauer, C. Blick, S. Eberle, W. Freeden, C. Gerhards, M. Ilyasov, R. Kahnt, M. Klug, S. Mhringer, T. Neu, H. Nutz, I. Michel, A. Punzi, Modeling Deep Geothermal Reservoirs: Recent Advances and Future Perspectives, **Handbook of Geomathematics (editors: W. Freeden, M. Z. Nashed, T. Sonar), Springer (2015), pag. 1547–1629**
Citeaza: H.I. Ene, D. Poliřevki, *Thermal Flow in Porous Media, Springer (D. Reidel Pub. Co., Dordrecht, Holland) (1987), 208 pages*
88. M. Ptashnyk, Multiscale analysis of signalling processes in tissues with non-periodic distribution of cells, **arXiv:1512.09262[math.AP]** (2015), pag. 1–16
Citeaza: D. Poliřevki, M.-L. Mascarenhas, *The warping, the torsion and the Neumann problem in a quasi-periodically perforated domain, Mathematical Modelling and Numerical Analysis (M²AN) 28(1) (1994), pag. 37–57*
89. M. Ptashnyk, Locally periodic unfolding method and two-scale convergence on surfaces of locally periodic microstructures, **SIAM J. Multiscale Modeling and Simulation 13(3) (2015), pag. 1061–1105**
Citeaza: D. Poliřevki, M.-L. Mascarenhas, *The warping, the torsion and the Neumann problem in a quasi-periodically perforated domain, Mathematical Modelling and Numerical Analysis (M²AN) 28(1) (1994), pag. 37–57*
90. A. Ainouz, Homogenization of a dual-permeability problem in two-component media with imperfect contact, **Appl. Math. 60(2) (2015), pag. 185–196**
Citeaza: H.I. Ene, D. Poliřevki, *Model of diffusion in partially fissured media, J. Appl. Math. Phys. (ZAMP), 53(6) (2002), pag. 1052–1059*
91. C. Timofte, Homogenization results for the calcium dynamics in living cells, **Mathematics and Computers in Simulation, dx.doi.org/10.1016/j.matcom.2015.06.011 (2015), pag. 1–16**
Citeaza: H.I. Ene, D. Poliřevki, *Model of diffusion in partially fissured media, J. Appl. Math. Phys. (ZAMP), 53(6) (2002), pag. 1052–1059*
92. H.I. Ene, C. Timofte, Homogenization results for a dynamic coupled thermoelasticity problem, **Romanian Reports in Physics, www.rrp.infim.ro/IP (2015), pag. 1-11**
Citeaza: H.I. Ene, D. Poliřevki, *Model of diffusion in partially fissured media, J. Appl. Math. Phys. (ZAMP), 53(6) (2002), pag. 1052–1059*
93. Popoff, Nicolas The model magnetic Laplacian on wedges. **J. Spectr. Theory 5 (2015), no. 3, 617-661.**
Citeaza: Athmouni, Nassim; Mntoiu, Marius; Purice, Radu: On the continuity of spectra for families of magnetic pseudodifferential operators. **J. Math. Phys. 51 (2010), no. 8, 083517, 15 pp.**
94. Prill, Oskar: Asymptotic stability of the vacuum solution for one-dimensional nonlinear Klein-Gordon equations with a perturbed one-gap periodic potential with and without

- an eigenvalue, *ZAMM-Zeitschrift für Angewandte Mathematik und Mechanik* 95, no. 8 (2015) Pages: 778-821.
Citeaza: Iftimie, Viorel; Mantoiu, Marius; Purice, Radu: Magnetic pseudodifferential operators, **Publications RIMS** 43, no. 3 (2007) Pages: 585-623.
95. Popoff, Nicolas The model magnetic Laplacian on wedges. **J. Spectr. Theory** 5 (2015), no. 3, 617-661.
Citeaza: Mntoiu, Marius; Purice, Radu: Some propagation properties of the Iwatsuka model. **Comm. Math. Phys.** 188 (1997), no. 3, 691-708
96. Exner, P; Kovarik, H: QUANTUM WAVEGUIDES, Book Series: **Theoretical and Mathematical Physics Series** Pages: 1-382 Published: 2015 Publisher: SPRINGER-VERLAG BERLIN.
Citeaza: Mntoiu, Marius; Purice, Radu: Some propagation properties of the Iwatsuka model. **Comm. Math. Phys.** 188 (1997), no. 3, 691-708.
97. Peotta, Sebastiano; Torma, Paivi, Superfluidity in topologically nontrivial flat bands **NATURE COMMUNICATIONS Volume: 6** (2015), Article Number: 8944
Citeaza: G. Nenciu, *Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians*, **Rev. Mod. Phys.** 63 (1991),91-128.
98. Zuehlsdorff, T. J.; Hine, N. D. M.; Payne, M. C.; et al., Linear-scaling time-dependent density-functional theory beyond the Tamm-Dancoff approximation: Obtaining efficiency and accuracy with in situ optimised local orbitals, **JOURNAL OF CHEMICAL PHYSICS Volume: 143** (2015), Article Number: 204107
Citeaza: G. Nenciu , *EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 91 (1983)** , 81-85.
99. Prodan, Emil, On the generalized Wannier functions, **JOURNAL OF MATHEMATICAL PHYSICS Volume: 56** (2015), Article Number: 113511
Citeaza: G. Nenciu , *EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 91 (1983)** , 81-85.
100. Prodan, Emil, On the generalized Wannier functions, **JOURNAL OF MATHEMATICAL PHYSICS Volume: 56** (2015), Article Number: 113511
Citeaza: H. D. Cornean, A. Nenciu, G. Nenciu , *Optimally localized Wannier functions for quasi one-dimensional nonperiodic insulators*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL Volume: 41** , (2008) Article Number: 125202 .
101. Schmitz, Stephan, Representation Theorems for Indefinite Quadratic Forms Without Spectral Gap, **INTEGRAL EQUATIONS AND OPERATOR THEORY Volume: 83** (2015), 73-94
Citeaza: Nenciu, G., *Self-adjointness and invariance of the essential spectrum for Dirac operators defined as quadratic forms.*, **Comm. Math. Phys.** 48 , no. 3, (1976), pag. 235247.

102. Deffner, Sebastian, Shortcuts to adiabaticity: suppression of pair production in driven Dirac dynamics, **NEW JOURNAL OF PHYSICS** Volume: **18** (2015), Article Number: 012001
Citeaza: Nenciu, G., *Adiabatic theorem of quantum mechanics*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL** Volume: **13** (1980), L15-L18 .
103. Milburn, Thomas J.; Doppler, Joerg; Holmes, Catherine A.; et al., General description of quasiadiabatic dynamical phenomena near exceptional points, **PHYSICAL REVIEW A** Volume: **92** (2015), Article Number: 052124(R)
Citeaza: G. Nenciu , G. Rasche, *On the adiabatic theorem for non self-adjoint operators*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL** **25** (1992), 5741-5751.
104. Zhao, Han; Longhi, Stefano; Feng, Liang, Robust Light State by Quantum Phase Transition in Non-Hermitian Optical Materials, **SCIENTIFIC REPORTS** Volume: **5** (2015), Article Number: 17022
Citeaza: G. Nenciu , G. Rasche, *On the adiabatic theorem for non self-adjoint operators*, Article Number: 17022
JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL **25** (1992), 5741-5751.
105. Deffner, Sebastian, Shortcuts to adiabaticity: suppression of pair production in driven Dirac dynamics, **NEW JOURNAL OF PHYSICS** Volume: **18** (2015), Article Number: 012001
Citeaza: Nenciu, G., *ADIABATIC THEOREM AND SPECTRAL CONCENTRATION .1. ARBITRARY ORDER SPECTRAL CONCENTRATION FOR THE STARK-EFFECT IN ATOMIC PHYSICS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: **82** (1981), 121-135 .
106. Gat, Omri; Lein, Max; Teufel, Stefan, Semiclassics for Particles with Spin via a Wigner-Weyl-Type Calculus, **ANNALES HENRI POINCARÉ** Volume: **15** (2015), 1967-1991
Citeaza: Nenciu, G., Sordani, V. *Semiclassical limit for multistate Klein-Gordon systems: almost invariant subspaces, and scattering theory*, **JOURNAL OF MATHEMATICAL PHYSICS** **45** (2004), pag. 3676-3696.
107. J. Xiao, Weak transcendental holomorphic Morse inequalities on compact Kähler manifolds, **Ann. Inst. Fourier (Grenoble)** **65** (2015), pag. 1367-1379
Citeaza: I. Chiose *The Kähler rank of compact complex manifolds*, **J. Geom. Anal.** **26** (2016), pag. 603-615
108. Edoardo Ballico, Rank r spanned vector bundles with extremal Chern classes on a smooth surface, **Riv. Mat. Univ. Parma, Vol. 6, No. 2** (2015), pag. 287–303
Citeaza: C. Anghel, I. Coanda and N. Manolache, *Globally generated vector bundles on \mathbb{P}^n with $c_1 = 4$* , **arXiv:1305.3464v2** (2013).
109. Edoardo Ballico, Rank r spanned vector bundles with extremal Chern classes on a smooth surface, **Riv. Mat. Univ. Parma, Vol. 6, No. 2** (2015), pag. 287–303
Citeaza: C. Anghel, N. Manolache, *Globally generated vector bundles on \mathbb{P}^n with $c_1 = 3$* , **Math. Nachr.** **286**, no. 14-15 (2013), pag. 1407–1423.

110. Jirui Guo, Zhentao Lu, Eric Sharpe, Quantum sheaf cohomology on Grassmannians, **arXiv:1512.08586**, **Comm. Math. Phys.** DOI: [10.1007/s00220-016-2763-z](https://doi.org/10.1007/s00220-016-2763-z) first online 19 october 2016 (2016),
Citeaza: C. Anghel, *Quantum sheaf cohomology on surfaces of general type I: construction of stable omalous bundles*, **arXiv: 1509.05031** (2015).
111. M.A. Bennett, Á. Pintér, Intersections of recurrence sequences, **Proc. Amer. Math. Soc.** **143** (2015), 2347–2353
Citează: M. Cipu, M. Bennett, M. Mignotte, R. Okazaki *On the number of solutions of simultaneous Pell equations, II*, **Acta Arith.** **122** (2006), 407–417.
112. B. He, Á. Pintér, A. Togbé, On simultaneous Pell equations and related Thue equations, **Proc. Amer. Math. Soc.** **143** (2015), 4685–4693
Citează: M. Cipu, M. Bennett, M. Mignotte, R. Okazaki *On the number of solutions of simultaneous Pell equations, II*, **Acta Arith.** **122** (2006), 407–417.
113. M.A. Bennett, Á. Pintér, Intersections of recurrence sequences, **Proc. Amer. Math. Soc.** **143** (2015), 2347–2353
Citează: M. Cipu, M. Mignotte *On the number of solutions to systems of Pell equations*, **J. Number Theory** **125** (2007), 356–392.
114. J. Meseguer, S. Skeirik: *Equational Formulas and Pattern Operations in Initial Order-Sorted Algebras*, in **Logic-Based Program Synthesis and Transformation** vol. 9527 of **Lecture Notes in Computer Science**, Springer (2015), pag. 36 – 53
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
115. M. Zhang, T. Aoki: *A Spiral Process of Modeling and Verifying the Scheduling Mechanism of OSEK/VDX in OTS/CafeOBJ Method*, **2nd International Symposium on Dependable Computing and Internet of Things (DCIT)** (2015)
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
116. K. Ksystra, P. Stefaneas, P. Frangos: *An Algebraic Framework for the Verification of Context-Aware Adaptive Systems*, **International Journal of Software Engineering and Knowledge Engineering** **25(7)** (2015), pag. 1105 – 1128
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
117. P. Sun: **Ingenierie de modele pour la securite des systemes critiques ferroviaires**, PhD thesis, Ecole Centrale de Lille, (2015)
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
118. T. Mossakowski, U. Krumnack, T. Maibaum: *What Is a Derived Signature Morphism?*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture**

- Notes in Computer Science**, Springer (2015), pag. 90 – 109
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.
119. T. Mossakowski, M. Codescu, F. Neuhaus, O. Kutz: *The Distributed Ontology, Modeling and Specification Language DOL*, in **The Road to Universal Logic**, Springer Basel (2015), pag. 489 – 520
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.
120. S. Ciobăcă, D. Lucanu, V. Rusu, G. Roșu: *A Theoretical Foundation for Programming Languages Aggregation*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 30 – 47
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
121. P.-F. Castro, N. Aguirre, C.-L. Pombo, T. S. E. Maibaum: *Categorical foundations for structured specifications in* , **Formal Aspects of Computing** **27(5)** (2015), pag. 831–865
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
122. T. Mossakowski, U. Krumnack, T. Maibaum: *What Is a Derived Signature Morphism?*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 90 – 109
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
123. C.-E. Chiriță , T.-F.Șerbănuță: *An Institutional Foundation for the K Semantic Framework*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 9 – 29
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
124. T. Mossakowski, L. Schröder: *On Inconsistency and Unsatisfiability*, **International Journal of Software and Informatics** **9(2)** (2015) pag. 141 – 152
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
125. A. Chentsov, M. Nikitchenko: *Institution for Pure First-Order Composition-Nominative Logic*, **Proceedings of the Workshop on Foundations of Informatics FOI-2015** (2015) pag. 50–63
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
126. T.-R. Besold, K.-W. Kühnberger *Towards integrated neuralsymbolic systems for human-level AI: Two research programs helping to bridge the gaps*, **Biologically Inspired Cognitive Architectures** **14** (2015) pag. 97–110
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
127. D. Găină: *Foundations of Logic Programming in Hybridised Logics*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 69 – 89
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).

128. C.-E. Chiriță , T.-F.Șerbănuță: *An Institutional Foundation for the K Semantic Framework*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 9 – 29
Citează: R. Diaconescu, J. Goguen: *An Oxford survey of order sorted algebra*, **Mathematical Structures in Computer Science** **4(4)** (1994) pag. 363–392.
129. K. Ksystra, P. Stefaneas, P. Frangos: *An Algebraic Framework for the Verification of Context-Aware Adaptive Systems*, **International Journal of Software Engineering and Knowledge Engineering** **25(7)** (2015), pag. 1105 – 1128
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** **285**, (2002) pag. 289–318.
130. T. Mossakowski, U. Krumnack, T. Maibaum: *What Is a Derived Signature Morphism?*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 90 – 109
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures** **10(4)**, (2002) pag. 383–402.
131. A. Knapp, T. Mossakowski, M. Roggenbach: *Towards an Institutional Framework for Heterogeneous Formal Development in UML*, in **Software, Services, and Systems** volume 8950 of the series **Lecture Notes in Computer Science** (2015) pag. 215–230
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures** **10(4)**, (2002) pag. 383–402.
132. D. Găină: *Foundations of Logic Programming in Hybridised Logics*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 69 – 89
Citează: R. Diaconescu, *Institution-independent ultraproducts*, **Fundamenta Informaticæ** **55(3-4)**, (2003) pag. 321–348.
133. K. Ksystra, P. Stefaneas, P. Frangos: *An Algebraic Framework for the Verification of Context-Aware Adaptive Systems*, **International Journal of Software Engineering and Knowledge Engineering** **25(7)** (2015), pag. 1105 – 1128
Citează: S. Iida, M. Matsumoto, K. Futatsugi, D. Lucanu: *Concurrent object composition in CafeOBJ*, **Technical Report IS-RR-98-0009S**, Japan Advanced Institute for Science and Technology (1998)
134. D. Găină: *Foundations of Logic Programming in Hybridised Logics*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 69 – 89
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
135. D. Găină: *Foundations of Logic Programming in Hybridised Logics*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 69 – 89
Citează: R. Diaconescu, *Herbrand theorems in arbitrary institutions*, **Information Processing Letters** **90**, (2004) pag. 29–37.

136. T. Mossakowski, U. Krumnack, T. Maibaum: *What Is a Derived Signature Morphism?*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 90 – 109
Citează: R. Diaconescu, *Herbrand theorems in arbitrary institutions*, **Information Processing Letters** **90**, (2004) pag. 29–37.
137. K. Ksystra, P. Stefaneas, P. Frangos: *An Algebraic Framework for the Verification of Context-Aware Adaptive Systems*, **International Journal of Software Engineering and Knowledge Engineering** **25(7)** (2015), pag. 1105 – 1128
Citează: S.Iida, R. Diaconescu, K. Futatsugi: *Component-based algebraic specification and verification in CafeOBJ*, **Lecture Notes in Computer Science** **1709** (1999), pag. 1644–1663.
138. K. Ksystra, P. Stefaneas, P. Frangos: *An Algebraic Framework for the Verification of Context-Aware Adaptive Systems*, **International Journal of Software Engineering and Knowledge Engineering** **25(7)** (2015), pag. 1105 – 1128
Citează: R. Diaconescu: *Behavioural specification for hierarchical object composition*, **Theoretical Computer Science** **343(3)** (2005) pag. 305–331.
139. C.-E. Chiriță , T.-F.Șerbănuță: *An Institutional Foundation for the K Semantic Framework*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 9 – 29
Citează: M. Aiguier, R. Diaconescu: *Stratified institutions and elementary homomorphisms*, **Information Processing Letters** **103(1)** (2007) pag. 5–13.
140. C.-E. Chiriță , T.-F.Șerbănuță: *An Institutional Foundation for the K Semantic Framework*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 9 – 29
Citează: R. Diaconescu: *Quasi-Boolean encodings and conditionals in algebraic specification*, **Journal of Logic and Algebraic Programming** **79(2)** (2010), pag. 174–188
141. D. Găină: *Foundations of Logic Programming in Hybridised Logics*, in **Recent Trends in Algebraic Development Techniques** vol. 9463 of **Lecture Notes in Computer Science**, Springer (2015), pag. 69 – 89
Citează: R. Diaconescu: *Quasi-varieties and initial semantics for hybridized institutions*, **Journal of Logic and Computation** **26(3)** (2016), pag. 855–891.
142. A. Vasile, R. Negroiu, N. Badalan, Research and Development of a System for Measuring Electrical Parameters of EDLC, **21st IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME)**, IEEE New York USA (2015), pag. 353 – 356
Citeaza: D. T. Vuza, M. Vladescu, *Automated platform for determination of LEDs spatial radiation pattern*, **Advanced Topics In Optoelectronics, Microelectronics, And Nanotechnologies VII Vol. 9258**, SPIE International Society for Optics and Photonics (2015), art. 92581F
143. N. Badalan, P. Svasta, F. Draghici, Constant Current versus Pulse Current for Power Supplies on High Power LED, **2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging (SIITME)**, IEEE New York USA

- (2015), pag. 263 – 266
Citeaza: D. T. Vuza, M. Vladescu, *Redundant Uplink Optical Channel for Visible Light Communication Systems*, **Advanced Topics In Optoelectronics, Microelectronics, And Nanotechnologies VII Vol. 9258**, SPIE International Society for Optics and Photonics (2015), art. 92581J
144. L. Beldean, Anatol Vieru and his theory. A continuum of growing up in musical structuring, **Bulletin of the Transilvania University of Brasov Series VIII: Performing Arts**, vol. 8 (57) nr. 1 (2015), pag. 7 – 22
Citeaza: D. T. Vuza, *Metode matematice n muzica*, **Matematica n lumea de azi si de mine**, Editura Academiei Romane (1985), pag. 277 – 286
145. H. Wysocki, The operational calculus model for the nth-order backward difference, **Scientific Journal Of Polish Naval Academy** 202, 3 (2015), pag. 75 – 88
Citeaza: M. Andreatta, D. T. Vuza, *On some properties of periodic sequences in Anatol Vieru's modal theory*, **Tatra Mt. Math. Publ.** 23 (2001), pag. 1 – 15
146. A. Popoff, M. Andreatta , A. Ehresmann, A Categorical Generalization of Klumpenhouwer Networks, **Mathematics and Computation in Music, Lecture Notes in Computer Science 9110**, Springer (2015), pag. 303 – 314
Citeaza: D. T. Vuza, *Some mathematical aspects of David Lewin's book generalized musical intervals and transformations*, **Perspectives of New Music** 26, 1 (1988), pag. 258 – 287
147. K. T. Eisele, S. Taieb, Weak topologies for modules over rings of bounded random variables, **Journal Of Mathematical Analysis And Applications** 421, 2 (2015), pag. 1334 – 1357
Citeaza: D. T. Vuza, *The Hahn-Banach Extension Theorem for Modules over Ordered Rings*, **Revue Roumaine de Mathematiques Pures et Appliquees** 27, 9 (1982), pag. 989 – 995
148. Minjung Gim, Gerald Trutnau, *Recurrence criteria for generalized Dirichlet forms*, **arXiv:1508.0228** (2015).
Citeaza: Beznea, L., Cîmpean, I., Röckner, M., *Irreducible recurrence, ergodicity, and extremality of invariant measures for resolvents*, **arXiv:1409.6492** (2015).
149. A. Marcoci, L. Marcoci, Lars-Erik Persson, N. Popa , Some new characterizations of Bloch type spaces of infinite matrices via Schur multipliers, **Publ. Math.(Debrecen)** 87(3-4) (2015), pag. 351-370
Citeaza: S. Barza; Lars-Erik Persson, N. Popa, *A matriceal analogue of Fejer's theory*, **Math. Nachr.** 260 (2003), pag. 14-20.
150. Matsumura, S., Injectivity Theorems with Multiplier Ideal Sheaves and Their Applications, in **Complex Analysis and Geometry** 144 (2015), Springer Proceedings in Mathematics & Statistics, pag 241 – 255
Citeaza: Ambro F., *An injectivity theorem*, **Compos. Math.** 150 (6) (2014), 999 – 1023
151. Cascini, P.; Tanaka, H.; Xu, C., On base point freeness in positive characteristic, **Ann. Sci. Éc. Norm. Supér. (4)** 48(5) (2015), 1239 – 1272; FI=1.830

- Citeaza:* Ambro F., *Nef dimension of minimal models*, **Math. Ann.** Vol 330 (2) (2004), 309 – 322
152. Choi, S.R.;Hwang, D.S.;Park, J., Factorization of Anticanonical Maps of Fano Type Variety, **IMRN** 20 (2015), 10118 – 10142; FI=1.031
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** Vol 240 (1) (2003), 214 – 233
153. Odaka, Y.; Song, S., Testing log K-stability by blowing up formalism, **Ann. Fac. Sci. Toulouse Math** (6) 24(3) (2015), 505 – 522
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** Vol 240 (1) (2003), 214 – 233
154. Fujino, O., Some remarks on the minimal model program for log canonical pairs, **J. Math. Sci. Univ. Tokyo** 22(1) (2015), 149 – 192
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** Vol 240 (1) (2003), 214 – 233
155. Matsumura, S., Injectivity Theorems with Multiplier Ideal Sheaves and Their Applications, in **Complex Analysis and Geometry** 144 (2015), Springer Proceedings in Mathematics & Statistics 241 – 255
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** Vol 240 (1) (2003), 214 – 233
156. Kawakita, M., A connectedness theorem over the spectrum of a formal power series ring, **Int. J. Math** 26 (11) (2015), (doi: 10.1142/S0129167X15500883) ; FI=0.529
Citeaza: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** Vol 6 (5-6) (1999), 573 – 580
157. Fukuda, S., Note on quasi-numerically positive log canonical divisors, **Journal of Mathematics** (2015), 7 pagini
Citeaza: Ambro F., *The locus of log canonical singularities*, **Arxiv preprint math.AG/9806067** (1998)
158. S. E. Stepanov, I. I. Tsyganok, Comparative Analysis of Spectral Properties of the Hodge-De Rham and Taschibana Operators, **Journal of Mathematical Sciences**, vol. 207 (4) (2015), pag. 614 – 634
Citeaza: Liana David, Massimiliano Pontecorvo, *A characterization of quaternionic projective space by the conformal-Killing equation*, **Journal of the London Mathematical Society**, vol. 80 (2) (2009), pag. 326 – 340
159. A.K.B. Chand, P. Viswanathan, N. Vijender, Bivariate shape preserving interpolation: A fractal-classical hybrid approach, **Chaos, Solitons & Fractals**, vol 81 (Dec 2015), 330-344.
Citeaza: Mihalescu, Eugen; Urbanski, Mariusz, *Hausdorff dimension of the limit set of conformal iterated function systems with overlaps*, **Proceedings of the American Mathematical Society**, vol 139 (2011), 2767–2775.
160. Z. Chen, The uniqueness in the de Rham-Wu decomposition, **Journal of Geometric Analysis**, vol. 25 (2015), no. 4, pag. 2687–2697.

- Citeaza:* R. Pantilie, *A simple proof of the de Rham decomposition theorem*, **Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie. Nouvelle Série**, vol. **36(84)** (1992), no. 3-4, pag. 341–343.
161. Andrei E. Ksatkin, *Mathematic models and numeric solution for plane quasi-steady problems of parabolic type with moving boundaries (in russian)*, **Ph. D., State University of Samara, Samara, Russian Federation**, 2015
Citeaza: P. Daripa and G. Pasa, *On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media*, **Transport in Porous Media** **75(1):1-16**, October 2008.
162. S. J. Jackson, D. Stevens, D. Giddings et al., *Dynamic-wetting effects in finite-mobility-ratio Hele-Shaw flow*, **Physical Review E**, **92(2)**, **Article Number: 023021**, August 2015
Citeaza: P. Daripa and G. Pasa, *The effect of surfactant on long bubbles rising in vertical capillary tubes*, **Journal of Statistical Mechanics Theory and Experiment**, **2011(02)**, L02003, 10 February 2011.
163. Prabir Daripa, Oscar Orellana, Rodrigo Meneses , *On a three-layer Hele-Shaw model of enhanced oil recovery with a linear viscous profile*, **arXiv**, February 2015
Citeaza: P. Daripa and G. Pasa, *On the growth rate for three-layer HeleShaw flows: Variable and constant viscosity cases*, **International Journal of Engineering Science** **43(11):877-884**, July 2005
164. Craig Gin, Prabir Daripa, *A Study of a Non-Standard Eigenvalue Problem and its Application to Three-Layer Immiscible Porous Media and Hele-Shaw Flows with Exponential Viscous Profile*, **Journal of Mathematical Fluid Mechanics** **17(1)**, March 2015
Citeaza: P. Daripa and G. Pasa, *On the growth rate for three-layer HeleShaw flows: Variable and constant viscosity cases*, **International Journal of Engineering Science** **43(11):877-884**, July 2005
165. Craig Gin, Prabir Daripa, *A Study of a Non-Standard Eigenvalue Problem and its Application to Three-Layer Immiscible Porous Media and Hele-Shaw Flows with Exponential Viscous Profile*, **Journal of Mathematical Fluid Mechanics** **17(1)**, March 2015
Citeaza: P. Daripa and G. Pasa, *A simple derivation of an upper bound in the presence of a viscosity gradient in three-layer Hele-Shaw flows*, **J. of Statistical Mechanics-Theory and Experiment**, **Article Number: P01014**, January 2006
166. A. M. Blaga, *Invariant and holomorphic distributions on para-Kenmotsu manifolds*, **Annali dell'Universita di Ferrara** vol. **61**, issue **2** (2015), pag. 263 – 276
Citeaza: Brinzanescu V., Slobodeanu R., *Holomorphicity and the Walczak formula on Sasakian manifolds*, **J. Geom. Phys.** vol. **57** (2006), pag. 193 – 207
167. M. Bahtiti, *Fibre vectoriel de 0-correlation pondere sur l'espace P^{2n+1}* , **arXiv: 1508.01776**, (2015),
Citeaza: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math.** **1624**, **Springer Verlag** (1996), pag. 180
168. M. Bahtiti, *Fibre de Tango pondere generalise de rang n-1 sur P^{2n+2}* , **arXiv: 1508.07159** , (2015),.

- Citeaza*: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math. 1624, Springer Verlag** (1996), pag. 180
169. M. Aldi, R. Heluani, On a complex-symplectic mirror pair,
arXiv: 1512.02258v1 (2015),
Citeaza: V. Brinzanescu, O. A. Turcu, *Generalized complex structures on Kodaira surfaces*, **J. Geom. Phys. vol.60 (1)** (2010), pag. 60 – 67
170. M. L. Fania, F. Flamini, Hilbert schemes of some threefold scrolls over F_e ,
arXiv: 1406.0956v3 (2015),
Citeaza: M. Aprodu, V. Brinzanescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya Math. J. vol. 154** (1999), pag. 111 – 122
171. G. M. Besana, M. L. Fania, F. Flamini, On families of rank-2 uniform vector bundles on Hirzebruch surfaces and Hilbert Schemes of their scrolls,
arXiv: 1501.06644v1 (2015),
Citeaza: M. Aprodu, V. Brinzanescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya Math. J. vol. 154** (1999), pag. 111 – 122
172. G. M. Besana, M. L. Fania, F. Flamini, On families of rank-2 uniform vector bundles on Hirzebruch surfaces and Hilbert Schemes of their scrolls,
arXiv: 1501.06644v1 (2015),
Citeaza: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math. 1624, Springer Verlag** (1996), pag. 180
173. A. Golota, Stable Bundles on Irregular Vaisman Manifolds,
arXiv: 1509.05787v3 (2015),
Citeaza: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math. 1624, Springer Verlag** (1996), pag. 180
174. A. Vicente Colmenares, Semistable rank 2 co-Higgs bundles over Hirzebruch surfaces
Thesis for the degree of Doctor of Philosophy in Pure Mathematics (2015),
 University of Waterloo, Canada
Citeaza: M. Aprodu, V. Brinzanescu, *Stable rank-2 vector bundles over ruled surfaces*, **C. R. Math. Acad. Sci. Paris, 325 (3)** (1997), pag. 295 – 300
175. A. Vicente Colmenares, Semistable rank 2 co-Higgs bundles over Hirzebruch surfaces
Thesis for the degree of Doctor of Philosophy in Pure Mathematics (2015),
 University of Waterloo, Canada
Citeaza: M. Aprodu, V. Brinzanescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya Math. J. 154** (1999), pag. 111 – 122
176. A. Vicente Colmenares, Semistable rank 2 co-Higgs bundles over Hirzebruch surfaces
Thesis for the degree of Doctor of Philosophy in Pure Mathematics (2015),
 University of Waterloo, Canada
Citeaza: M. Aprodu, V. Brinzanescu, M. Marchitan *Rank-two vector bundles on Hirzebruch surfaces*, **Central European J. Math. 10 (4)** (2012), pag. 1321 – 1330
177. A. Vicente Colmenares, Semistable rank 2 co-Higgs bundles over Hirzebruch surfaces
Thesis for the degree of Doctor of Philosophy in Pure Mathematics (2015),

University of Waterloo, Canada

Citeaza: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math. 1624**, Springer Verlag (1996), pag. 180

178. L. Katthn, Stanley depth and simplicial spanning trees, **Journal of Algebraic Combinatorics** **42**, 2015, Issue 2, pag 507536
Citeaza: B. Ichim, A. Zarojanu, *An algorithm for computing the multigraded Hilbert depth of a module*, **Experimental Mathematics** **23** (2015) pag 322 – 331
179. O.L.V. Costa, D.Z. Figueiredo, LQ control of discrete-time jump systems with Markov chain in a general Borel space, **IEEE Transactions on Automatic Control**, vol.**60**, nr. **9**, (2015), pag. 2530– 2535.
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte **Springer** (2006), pag. 442.
180. H.Y. Sun, L. Yan, L.N. Li, Linear-quadratic stochastic differential games with Markov jumps and multiplicative noise: infinite-time case, **Int. J. Innov. Comput. Inf. Control**, vol.**11**, nr. **1**, (2015), pag. 349 – 361.
Citeaza: V Dragan, T Moroza, *Stability and robust stabilization to linear stochastic systems described by differential equations with Markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** , vol **20**, nr.**1**, (2002), pag. 33 – 92.
181. A Ferrante, L Ntogramatzidis, On the geometry of the continuous-time generalized algebraic Riccati equation arising in LQ optimal control, **Proceeding to European Control Conference (ECC)**, (2015), DOI: 10.1109/ECC.2015.7330801 .
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.
182. J.R. Chaves Fuentes, J.E. Mayta, E.F. Costa, M.H. Terra, On the solvability and almost sure stability of discrete-time Markov jump linear singular systems, **IEEE 54th Annual Conference on Decision and Control (CDC)**, (2015), DOI: 10.1109/CDC.2015.7403012.
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.
183. T Hou, H Ma, Control Design of Detectable Periodic Markov Jump Systems, **Mathematical Problems in Engineering**, Volume **2015** (2015), Article ID **382756**, 7 pages.
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.
184. H.R. Henrquez, A. Prokopczyk, Controllability and stabilizability of linear time-varying distributed hereditary control systems, **Mathematical Methods in the Applied Sciences**, vol. **38**, nr. **11**, (2015), pag. 2250- 2271.
Citeaza: V Dragan, A Halanay, *Stabilization of Linear Systems*, Part of the series **Systems and Control: Foundations and Applications**, Book Title **Stabilization of Linear Systems**, (1999), pag. 19–90.

185. V.M. Ungureanu, H_2 -optimal control for periodic, discrete-time Markov-jump systems with multiplicative noise in infinite dimensions, **IMA Journal of Mathematical Control and Information**, (2015), doi: 10.1093/imamci/dnv008.
Citeaza: V Dragan, T Morozan, A Stoica, H_2 optimal control for linear stochastic systems, **Automatica**, Volume 40, Issue 7, (2004), pag. 1103-1113.
186. A.N. Vargas, L.P. Sampaio, L. Acho, L. Zhang, J.B.R. do Val, Optimal control of DC-DC buck converter via linear systems with inaccessible Markovian jumping modes, **IEEE Transactions on Control Systems Technology**, vol. 24, nr. 5, (2015), pag. 1820–1927.
Citeaza: V Dragan, T Morozan, A Stoica, H_2 optimal control for linear stochastic systems, **Automatica**, Volume 40, Issue 7, (2004), pag. 1103-1113.
187. C.C. Ku, M.D. Li, A mixed H_2 /passivity performance controller design for a drum-boiler system, **Journal of Marine Engineering and Technology**, vol.14, nr. 3, (2015), pag. 137– 145.
Citeaza: V Dragan, T Morozan, A Stoica, H_2 optimal control for linear stochastic systems, **Automatica**, Volume 40, Issue 7, (2004), pag. 1103-1113.
188. A. Barbata, M. Zasadzinski, H.S. Ali, H. Messaoud, Sufficient conditions for almost sure exponential stability of large scale interconnected stochastic systems, **American Control Conference, ACC** , (2015).
Citeaza: V Dragan, A Halanay, A Stoica, *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, vol. 30, nr. 5, (1997), pag. 243 – 251.
189. S. Pushpak, A. Diwadkar, Stability analysis and controller synthesis for continuous-time linear stochastic systems, **IEEE 54th Annual Conference on Decision and Control (CDC)**, (2015), DOI: 10.1109/CDC.2015.7402808.
Citeaza: V Dragan, A Halanay, A Stoica, *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, vol. 30, nr. 5, (1997), pag. 243 – 251.
190. Klee, Steven and Samper, Jose Alejandro, Lexicographic shellability, matroids, and pure order ideals, **Advances in Applied Mathematics** (2015), pag.1–19
Citeaza: A.Constantinescu, M.Varbaro, T.Kahle, *Generic and Special Constructions of Pure O-sequences*, **Bulletin of the London Mathematical Society** (104), pag. 924 – 942
191. R. Ma, Y. Lu, Multiplicity of positive solutions for second order nonlinear Dirichlet problem with one-dimension Minkowski-curvature operator, **Adv. Nonlinear Stud.** 15 (2015), pag. 789 – 803.
Citeaza: C. Bereanu, P. Jebelean, P J. Torres, *Positive radial solutions for Dirichlet problems with mean curvature operators in Minkowski space*, **J. Funct. Anal.** 264 (2013), pag. 270 – 287.
C. Bereanu, P. Jebelean, P.J. Torres, *Multiple positive radial solutions for a Dirichlet problem involving the mean curvature operator in Minkowski space*, **J. Funct. Anal.** 265 (2013), pag. 644 – 659.
192. P. Candito, R. Livrea, J. Mawhin, Three solutions for a two-point boundary value problem with the prescribed mean curvature equation, **Differential Integral Equations** 28

- (2015), pag. 989 – 1010.
Citeaza: C. Bereanu, J. Mawhin, *Boundary value problems with non-surjective ϕ - Laplacian and one-side bounded nonlinearity*, **Adv. Differential Equations** **11** (2006), pag. 35 – 60.
193. G. Bonanno, R. Livrea, J. Mawhin, Existence results for parametric boundary value problems involving the mean curvature operator, **NoDEA Nonlinear Differential Equations Appl.** **22** (2015), pag. 411 – 426.
Citeaza: C. Bereanu, J. Mawhin, *Boundary value problems with non-surjective ϕ - Laplacian and one-side bounded nonlinearity*, **Adv. Differential Equations** **11** (2006), pag. 35 – 60.
194. S. Maro, Relativistic pendulum and invariant curves, **Discrete Contin. Dyn. Syst.** **35** (2015), pag. 1139 – 1162.
Citeaza: C. Bereanu, P. Jebelean, J. Mawhin, *Periodic solutions of pendulum-like perturbations of singular and bounded ϕ - Laplacians*, **J. Dynam. Differential Equations** **22** (2010), pag. 463 – 471.
 C. Bereanu, P.J. Torres, *Existence of at least two periodic solutions of the forced relativistic pendulum*, **Proc. Amer. Math. Soc.** **140** (2012), pag. 2713 – 2719.
195. P. Neff, I.-D. Ghiba, J. Lankeit, The Exponentiated Hencky-Logarithmic Strain Energy. Part I: Constitutive Issues and Rank-One Convexity, **J. of Elasticity** **121(2)** (2015), pag. 143 – 234
Citeaza: M. Buliga, *Four applications of majorization to convexity in the calculus of variations*, **Linear Algebra Appl.** vol. **429(7)** (an),(2008), pag. 1528 – 1545
196. Hamlaoui, M.; Oueslati, A.; Lamri, B, Finite element analysis of the plastic limit load and the collapse mechanism of strip foundations with non-associated Drucker-Prager model, **EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING** Volume: **19** Issue: **10** (2015), pag. 1179 – 1201
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws*, **J. of Convex Analysis** vol. **15(1)** (2008), pag. 87 – 10
197. J. D. Isaacson, Recursive Distinctioning, **J. of Space Philosophy** vol. **4 no. 1** (2015), pag. 23 – 27
Citeaza: M Buliga, L.H. Kauffman, *Chemlambda, universality and self-multiplication*, MIT Press, **Complex Adaptive Systems, 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 (2014),
198. Morton, Jeffrey C. and Picken, Roger, Transformation double categories associated to 2-group actions, **Theory and Applications of Categories** **30 No 43** (2015), pag. 1429–1468
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics** **54** (2013), 013511.
199. Hthelyi, L.; Horvth, E.; Petnyi, F. , The depth of subgroups of Suzuki groups, **Comm. Algebra** **43, no. 10** (2015), pag. 4553–4569

- Citeaza*: Burciu, S., Kadison, L., Klshammer, B., *On subgroup depth*, **International Electronic Journal of Algebra** **9** (2011), pag. 133 – 166
200. Bin Zhang, Yu Zhou, On a class of ternary cyclotomic polynomials, **Bull. Korean Math. Soc.** **52**, (2015), no. 6, pag. 1911–1924.
Citează: C. Cobeli, Y. Gallot, P. Moree, A. Zaharescu, *Sister Beiter and Kloosterman: a tale of cyclotomic coefficients and modular inverses*, **Indag. Math.** **24**, (2013), pag. 915–929.
201. A. J. A. Paschoal, H. M. de Oliveira, R. M. Campello de Souza, A Transformada Numérica de Pascal, **XXXIII Simpósio Brasileiro de Telecomunicações SBRT2015, 1-4 de Setembro de 2015, Juiz de Fora, MG**, (2015), pag. 1–4.
Citează: C. Cobeli, A. Zaharescu, *Promenade around Pascal Triangle - Number Motives*, **Bull. Math. Soc. Sci. Math. Roumanie Tome** **56.104**, (2013), pag. 73–98.
202. F. Götze, D. Kaliada, D. Zaporozhets, Correlations between real conjugate algebraic numbers, **Chebyshevski Sb.** **16**, (2015), no. 4(56), pag. 90–99.
Citează: C. Cobeli, A. Zaharescu, *The Haros-Farey sequence at two hundred years*, **Acta Univ. Apulensis Math. Inform.**, (2003) no. 5, pp. 1–38.
203. Jason Hempstead, Apollonian Circle Packings and the Riemann Hypothesis, **RHIT Undergrad. Math. J., Vol.** **16**, (2015), no. 2, pag. 215–224.
Citează: Jayadev Athreya, Cristian Cobeli, Alexandru Zaharescu, *Radial Density in Apollonian Packings*, **Int. Math. Res. Notices** **2015(20)**, (2015), pag. 9991–10011.
204. D. V. Koleda, On the asymptotics of the distribution of algebraic numbers for growth of their height. (Russian. English, Russian summary) **Chebyshevski Sb.** **16**, (2015), no. 1(53), pag. 191–204.
Citează: C. Cobeli, A. Zaharescu, *The Haros-Farey sequence at two hundred years*, **Acta Univ. Apulensis Math. Inform.**, (2003) no. 5, pp. 1–38.
205. Antal Balog, Andrew Granville, Jozsef Solymosi, Gaps between fractional parts, and additive combinatorics, **The Quarterly Journal of Mathematics**, October (2015), pag. 1–11.
Citează: C. Cobeli, G. Groza, M. Vâjăitu, A. Zaharescu, *Generalization of a theorem of Steinhaus*, **Colloq. Math.** **92**, (2002), no. 2, pag. 257–266.
206. Nelson A. Carella, Least Prime Primitive Roots, **International Journal of Mathematics and Computer Science**, **10**, (2015), no. 2, pag. 185–194.
Citează: C. I. Cobeli, S. M. Gonek, A. Zaharescu, *On the distribution of small powers of a primitive root*, **J. Number Theory** **88**, (2001), no. 1, pag. 49–58.
207. E. A. Karatsuba, M. A. Korolëv, I. S. Rezvyakova, V. N. Chubarikov, On the Conference in Memory of Anatolii Alekseevich Karatsuba on Number Theory and Applications (Russian), **Chebyshevskii Sb.** **16**, no. 1 (53), (2015) pag. 89–152.
Citează: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Comm. Math. Phys.**, **20**, (2000) pag. 433–470.

208. A. V. Ustinov, Three-dimensional continued fractions and Kloosterman sums, (Russian, Russian summary) **Uspekhi Mat. Nauk** **70**, (2015), no. 3 (423), 107–180; translation in **Russian Math. Surveys** **70** (2015), no. 3, pag. 483–556.
Citează: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Comm. Math. Phys.**, **20**, (2000) pag. 433–470.
209. O. A. Gorkusha, Simultaneous distribution of primitive lattice points in convex planar domain, **Chebyshevskii Sb.** **16**, no. 1 (53), (2015) pag. 163–175.
Citează: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Comm. Math. Phys.**, **20**, (2000) pag. 433–470.
210. Y. Jiao, G. Xie, D. Zhou, Dual spaces and John-Nirenberg inequalities of martingale Hardy-Lorentz-Karamata spaces, **The Quarterly Journal of Mathematics**, Oxford Univ. Press (2015)
Citează: Y. Jiao, M. Popa *Operator-valued martingale transforms in rearrangement invariant spaces and applications*, **Math. Inequal. Appl.** **15** (2013), pag. 77 – 88
211. Y. Jiao, M. Popa, On fluctuations of traces of large matrices over a non-commutative algebra, **J. Operator Theory** **73** (2015), pag. 71-90
Citează: E.G. Effros, M. Popa *Feynman diagrams and Wick products associated with q -Fock space* **Proc. Natl. Acad. Sci. USA** **100** (2003), pag 8629-8633
212. Y. Jiao, M. Popa, On fluctuations of traces of large matrices over a non-commutative algebra, **J. Operator Theory** **73** (2015), pag. 71-90
Citează: M. Popa *A new proof for the multiplicative property of the Boolean cumulants with applications to the operator-valued case* **Colloq. Math.** **117** (2009), pag 81-93
213. W. Liu, A noncommutative de Finetti theorem for boolean independence, **J. Funct. Analysis** (2015)
Citează: S. Belinschi, M. Popa, V. Vinnikov *On the operator-valued analogues of the semicircle, arcsine and Bernoulli laws* **J. Operator Theory** **70**(2013), pag. 239-258
214. Rahm, Alexander and Wendt, Matthias; A refinement of a conjecture of Quillen, **Comptes Rendues Mathematique** volume **353** (2015), pag. 779 – 784
Citează: Marian Anton, *On a conjecture of Quillen at the prime 3*, **J. Pure Appl. Algebra** **144** (1999), pag. 1 – 20.
215. M. H. Mertens, L. Rolin, *Lacunary recurrences for Eisenstein series*, **Research in Number Theory** **1** (2015)
Citează: A.A. Popa, *Rational decomposition of modular forms*, **Ramanujan Journal** **26** (2011), 419 – 435
216. D. Choi, S. Lim, *Pairings of harmonic Maass-Jacobi forms involving special values of partial L -functions*, **J. Number theory** **157** (2015), 442–467
Citează: V. Pasol, A.A. Popa, *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), 713–743
217. J. R. Getz, P. E. Herman, *A nonabelian trace formula*, **Research in the Math. Sciences** **2** (2015), 14 pp.

- Citeaza*: A.A. Popa, *Whittaker newforms for Archimedean representations*, **J. Number Theory** 128 (2008), 1637–1645
218. K. Namikawa, *On a congruence prime criterion for cusp forms on $GL(2)$ over number fields*, **J. reine angew. Math.** 707 (2015), 149–208
Citeaza: A.A. Popa, *Whittaker newforms for Archimedean representations*, **J. Number Theory** 128 (2008), 1637–1645
219. Nathael Gozlan, TRANSPORT INEQUALITIES AND CONCENTRATION OF MEASURE, **ESAIM: PROCEEDINGS AND SURVEYS**, October 2015, Vol. 51, p. 1-23.
Citeaza: Michel Ledoux and Ionel Popescu
Mass transportation proofs of free functional inequalities, and free Poincar inequalities, **Journal of Functional Analysis** (2009), no. 4, 1175–1221.
220. On the pressureless damped Euler-Poisson equations with quadratic confinement: Critical thresholds and large-time behavior
Mathematical Models and Methods in Applied Sciences (2016) Volume 26, Issue 12, 2016, Pages 2311–2340
Citeaza: Michel Ledoux and Ionel Popescu *Mass Transportation Proofs of Free Functional Inequalities, and Free Poincaré Inequalities*, **Journal of Functional Analysis** 257 (2009), pag. 1175-1221;
221. Ilwoo Cho Timothy L. Gillespie, Free Probability on Hecke Algebras, **Complex Analysis and Operator Theory**, v. 9 (2015), pag. 1491 – 1531
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 (2) (1994), pag. 347 – 389
222. Detlev Buchholz, Erling Strmer, Superposition, Transition Probabilities and Primitive Observables in Infinite Quantum Systems, **Communications in Mathematical Physics**, v 339 (2015), pag. 309 – 325
Citeaza: C. D’Antoni, R. Longo, Florin Rădulescu, *Conformal nets, maximal temperature and models from free probability* **J. Operator Theory**, 45 (2001) 195 –208.
223. Yasuyuki Kawahigashi, Conformal field theory, tensor categories and operator algebras, **Journal of Physics A: Mathematical and Theoretical** 48 (2015), pag. 200 – 210
Citeaza: C. D’Antoni, R. Longo, Florin Rădulescu, *Conformal nets, maximal temperature and models from free probability* **J. Operator Theory**, 45 (2001) 195?208.
224. Ben Hayes, An lp -version of von Neumann dimension for Banach space representations of sofic groups II, **Journal of Functional Analysis** v. 269 (2015), pag. 2365 – 2426
Citeaza: Florin Rădulescu, *The von Neumann algebra of the non-residually finite Baumslag group $\langle a, b \mid ab^3a^{-1} = b^2 \rangle$ embeds into R^ω* , **Hot topics in operator theory, Theta Ser. Adv. Math., vol. 9, Theta, Bucharest**, (2008), pag. 173. – 185
225. Monique Laurent and Teresa Piovesan, Conic Approach to Quantum Graph Parameters Using Linear Optimization Over the Completely Positive Semidefinite Cone, **SIAM J. Optim.**, 25(4) (2015), pag. 2461 –249

- Citeaza*: F. Rădulescu, Convex sets associated with von Neumann algebras and Connes approximate embedding problem, **Math. Res. Lett.** 6 (1999), 229–236
226. Casnati, Gianfranco; Jelisiejew, Joachim; Notari, Roberto. Irreducibility of the Gorenstein loci of Hilbert schemes via ray families. *Algebra Number Theory* 9 (2015), no. 7, 1525–1570.
Citeaza: *Secant varieties of Segre–Veronese varieties*, *Algebra & Number Theory* 6, no. 8:1817–1868, 2012.
227. Michalek, Mateusz; Oeding, Luke; Zwiernik, Piotr. Secant cumulants and toric geometry. *Int. Math. Res. Not. IMRN* 2015, no. 12, 4019–4063.
Citeaza: *Secant varieties of Segre–Veronese varieties*, *Algebra & Number Theory* 6, no. 8:1817–1868, 2012.
228. Fulger, Mihai; Zhou, Xin. Schur asymptotics of Veronese syzygies. *Math. Ann.* 362 (2015), no. 1–2, 529–540.
Citeaza: *Secant varieties of Segre–Veronese varieties*, *Algebra & Number Theory* 6, no. 8:1817–1868, 2012.
229. Manivel, Laurent; Michalek, Mateusz. Secants of minuscule and cominuscule minimal orbits. *Linear Algebra Appl.* 481 (2015), 288–312.
Citeaza: *Secant varieties of Segre–Veronese varieties*, *Algebra & Number Theory* 6, no. 8:1817–1868, 2012.
230. Allman, Elizabeth S.; Rhodes, John A.; Sturmfels, Bernd; Zwiernik, Piotr. Tensors of nonnegative rank two. *Linear Algebra Appl.* 473 (2015), 37–53.
Citeaza: *Secant varieties of Segre–Veronese varieties*, *Algebra & Number Theory* 6, no. 8:1817–1868, 2012.
231. Draisma, Jan; Eggermont, Rob H. Finiteness results for Abelian tree models. *J. Eur. Math. Soc. (JEMS)* 17 (2015), no. 4, 711–738.
Citeaza: *Secant varieties of Segre–Veronese varieties*, *Algebra & Number Theory* 6, no. 8:1817–1868, 2012.
232. Vu, Thanh. N_6 property for third Veronese embeddings. *Proc. Amer. Math. Soc.* 143 (2015), no. 5, 1897–1907.
Citeaza: *Secant varieties of Segre–Veronese varieties*, *Algebra & Number Theory* 6, no. 8:1817–1868, 2012.
233. Michalek, Mateusz; Oeding, Luke; Zwiernik, Piotr. Secant cumulants and toric geometry. *Int. Math. Res. Not. IMRN* 2015, no. 12, 4019–4063.
Citeaza: *3 × 3 Minors of Catalecticants*, *Mathematical Research Letters* 20, no. 4:745–756, 2013.
234. Ein, Lawrence; Erman, Daniel; Lazarsfeld, Robert. Asymptotics of random Betti tables. *J. Reine Angew. Math.* 702 (2015), 55–75.
Citeaza: *Non-simplicial decompositions of Betti diagrams of complete intersections*, with Courtney Gibbons, Jack Jeffries, Sarah Mayes, Branden Stone, and Bryan White, *Journal of Commutative Algebra* 7, no. 2:189–206, 2015.

235. Manivel, Laurent; Michalek, Mateusz. Secants of minuscule and cominuscule minimal orbits. *Linear Algebra Appl.* 481 (2015), 288–312.
Citeaza: Tangential varieties of Segre–Veronese varieties, with Luke Oeding, *Collectanea Mathematica* **65**, no. 3:303–330, 2014.
236. Ping Zhong, On the free convolution with a free multiplicative analogue of the normal distribution. **J. Theoret. Probab.** **28**, No. 4 (2015), pag. 1354 – 1379
Citeaza: S.T. Belinschi and H. Bercovici, Partially defined semigroups relative to multiplicative free convolution, Int. Math. Res. Not., no. 2, (2005), pag. 65 – 101.
237. Hao-Wei Huang, Supports of measures in a free additive convolution semigroup **Int. Math. Res. Not., No. 12** (2015), pag. 4269 – 4292
Citeaza: S.T. Belinschi and H. Bercovici, Partially defined semigroups relative to multiplicative free convolution, Int. Math. Res. Not., no. 2, (2005), pag. 65 – 101.
238. Benoît Collins, Motohisa Fukuda, and Ping Zhong, Estimates for compression norms and additivity violation in quantum information, **Internat. J. Math.** **26**, No. 1 (2015), pag. 1-20
Citeaza: S.T. Belinschi and H. Bercovici, Partially defined semigroups relative to multiplicative free convolution, Int. Math. Res. Not., no. 2, (2005), pag. 65 – 101.
239. Michael Anshelevich, Free evolution on algebras with two states, II, **Pacific J. Math.** **276**, no. 2, (2015), pag. 257 – 280
*Citeaza: S.T. Belinschi and H. Bercovici, Atoms and regularity for measures in a partially defined free convolution semigroup, Math. Z. **248**, no. 4 (2004), pag. 665 – 674.*
240. Hao-Wei Huang, Supports of measures in a free additive convolution semigroup., **Int. Math. Res. Not., no. 12**, (2015), pag. 4269 – 4292
*Citeaza: S.T. Belinschi and H. Bercovici, Atoms and regularity for measures in a partially defined free convolution semigroup, Math. Z. **248**, no. 4 (2004), pag. 665 – 674.*
241. Benoît Collins, Motohisa Fukuda, and Ping Zhong, Estimates for compression norms and additivity violation in quantum information, **Internat. J. Math.** **26**, No. 1 (2015), pag. 1-20
*Citeaza: S.T. Belinschi and H. Bercovici, Atoms and regularity for measures in a partially defined free convolution semigroup, Math. Z. **248**, no. 4 (2004), pag. 665 – 674.*
242. Michael Anshelevich, Free evolution on algebras with two states, II, **Pacific J. Math.** **276**, no. 2, (2015), pag. 257 – 280
*Citeaza: Serban T. Belinschi and Alexandru Nica, On a remarkable semigroup of homomorphisms with respect to free multiplicative convolution, Indiana Univ. Math. J. **57**, no. 4 (2008), pag. 1679 – 1713.*
243. Ping Zhong, On the free convolution with a free multiplicative analogue of the normal distribution. **J. Theoret. Probab.** **28**, No. 4 (2015), pag. 1354 – 1379
*Citeaza: S.T. Belinschi and H. Bercovici, A new approach to subordination results in free probability, J. Anal. Math. **101**, (2007), pag. 357 – 365.*
244. Ji Oon Lee and Kevin Schnelli, Edge universality for deformed Wigner matrices, **Rev. Math. Phys.** **27**, no. 8 (2015), pag. 1 – 94

- Citeaza*: S.T. Belinschi and H. Bercovici, *A new approach to subordination results in free probability*, **J. Anal. Math.** **101**, (2007), pag. 357 – 365.
245. V. Kargin, Subordination for the sum of two random matrices, **Ann. Probab.** **43**, no. 4 (2015), pag. 2119 – 2150
Citeaza: S.T. Belinschi and H. Bercovici, *A new approach to subordination results in free probability*, **J. Anal. Math.** **101**, (2007), pag. 357 – 365.
246. M. Bożejko, E.W. Lytvynov and I.V. Rodionova, An extended anyon Fock space and non-commutative Meixner-type orthogonal polynomials in the infinite-dimensional case. (Russian), **Uspekhi Mat. Nauk** **70**, no. 5(425) (2015), pag. 75 – 120
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, no. 4 (2011), pag. 3677 – 3698.
247. Marek Bożejko and Wojciech Bożejko, Generalized Gaussian processes and relations with random matrices and positive definite functions on permutation groups, **Infin. Dimens. Anal. Quantum Probab. Relat. Top.** **18**, no. 3 (2015), pag. 1 – 19
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, no. 4 (2011), pag. 3677 – 3698.
248. Marek Bożejko, Wiktor Ejsmont, and Takahiro Hasebe, Fock space associated to Coxeter groups of type B., **J. Funct. Anal.** **269**, no. 6 (2015), pag. 1769 – 1795
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, no. 4 (2011), pag. 3677 – 3698.
249. Octavio Arizmendi, Takahiro Hasebe, Franz Lehner and Carlos Vargas, Relations between cumulants in noncommutative probability, **Adv. Math.** **282**, (2015), pag. 56 – 92
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, no. 4 (2011), pag. 3677 – 3698.
250. Marek Bożejko, Wiktor Ejsmont, and Takahiro Hasebe, Fock space associated to Coxeter groups of type B., **J. Funct. Anal.** **269**, no. 6 (2015), pag. 1769 – 1795
Citeaza: M. Anshelevich, S.T. Belinschi, M. Bożejko, and Franz Lehner, *Free infinite divisibility for q -Gaussians*, **Math. Res. Lett.** **17**, no. 5 (2010), pag. 905 – 916.
251. V. Kargin, Subordination for the sum of two random matrices, **Ann. Probab.** **43**, no. 4 (2015), pag. 2119 – 2150
Citeaza: Serban Teodor Belinschi, *The Lebesgue decomposition of the free additive convolution of two probability distributions*, **Probab. Theory Related Fields** **142**, no. 1-2 (2008), pag. 125 – 150.
252. Romain Allez, Rémi Rhodéz, and Vincent Vargas, Convergence of the spectrum of empirical covariance matrices for independent MRW processes., **ESAIM Probab. Stat.** **19** (2015), pag. 327 – 360
Citeaza: Serban Belinschi, Amir Dembo and Alice Guionnet, *Spectral measure of heavy*

- tailed band and covariance random matrices*, **Comm. Math. Phys.** **289**, no. 3 (2009), pag. 1023 – 1055.
253. Octavio Arizmendi, Takahiro Hasebe, Franz Lehner and Carlos Vargas, Relations between cumulants in noncommutative probability, **Adv. Math.** **282**, (2015), pag. 56 – 92
Citeaza: Serban T. Belinschi and Alexandru Nica, η -series and a Boolean Bercovici-Pata bijection for bounded k -tuples, **Adv. Math.** **217**, no. 1 (2008), pag. 1 – 41.
254. Ping Zhong, On the free convolution with a free multiplicative analogue of the normal distribution. **J. Theoret. Probab.** **28**, No. 4 (2015), pag. 1354 – 1379
Citeaza: Serban Teodor Belinschi, *A note on regularity for free convolutions*, **Ann. Inst. H. Poincaré Probab. Statist.** **42**, no. 5 (2006), pag. 635 – 648.
255. Fumio Hiai and Yoshimichi Ueda, Orbital free pressure and its Legendre transform. **Comm. Math. Phys.** **334**, No. 1 (2015), pag. 275 – 300
Citeaza: S.T. Belinschi and H. Bercovici, *A property of free entropy*, **Pacific J. Math.** **211**, no. 1 (2003), pag. 35 – 40.
256. Anna Dorota Krystek and Łukasz Jan Wojakowski, Conditionally free semi-stable distributions, **Infin. Dimens. Anal. Quantum Probab. Relat. Top.** **18**, no. 2 (2015), pag. 1 – 18
Citeaza: Serban Teodor Belinschi, *C-free convolution for measures with unbounded support*, **Von Neumann algebras in Sibiu, Theta Ser. Adv. Math.**, **10**, Theta, Bucharest (2008), pag. 1 – 7.
257. Weihua Liu, A noncommutative de Finetti theorem for boolean independence, **J. Funct. Anal.** **269**, no. 7 (2015), pag. 1950 – 1994
Citeaza: S.T. Belinschi, M. Popa, and V. Vinnikov, *On the operator-valued analogues of the semicircle, arcsine and Bernoulli laws*, **J. Operator Theory** **70**, no. 1 (2013), pag. 239 – 258.
258. Rozensztajn, Sandra, Potentially semi-stable deformation rings for discrete series extended types, **Journal de l'École polytechnique. Mathématiques** 2 (2015), pag. 179 – 211
Citeaza: Barcău, Mugurel; Paşol, Vicenţiu, *Mod p congruences for cusp forms of weight four for $\Gamma_0(pN)$* , **International Journal of Number Theory** 7 (2011), no. 2, pag. 341 – 350
259. Rozensztajn, Sandra, Potentially semi-stable deformation rings for discrete series extended types, **Journal de l'École polytechnique. Mathématiques** 2 (2015), pag. 179 – 211
Citeaza: Ahlgren, Scott; Barcău, Mugurel, *Congruences for modular forms of weights two and four*, **Journal of Number Theory** 126 (2007), no. 2, pag. 193 – 199
260. Sawai, Hiroshi *Vaisman structures on compact solvmanifolds*, **Geom. Dedicata** **178** (2015), 389 – 404. *Citeaza*: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
261. Y.G. Nikonorov, *Killing vector fields of constant length on compact homogeneous Riemannian manifolds*, **Ann. Global Anal. Geom.** **48** (2015), no. 4, 305 – 330. *Citeaza*: F.

- Belgun, A. Moroianu, U. Semmelmann, *Symmetries of contact metric manifolds*, **Geom. Dedicata** **101** (2003), pag. 101 – 216
262. Binczak, G.; Kaleta, J., Sharp and principal elements in effect algebras. **J. Math. Phys.** **56** (2015), no. 10, 102101, 7 pp.
Citeaza: A. Gheondea, S. Gudder, P. Jonas, *On the infimum of quantum effects*, **J. Math. Phys.** (2005), 062102, 11p.
263. Foulis, David J.; Jencova, Anna; Pulmannov, Sylvia, A projection and an effect in a synaptic algebra. **Linear Algebra Appl.** **485** (2015), 417?441.
Citeaza: A. Gheondea, S. Gudder, P. Jonas, *On the infimum of quantum effects*, **J. Math. Phys.** (2005), 062102, 11p.
264. Wang, Jiamei; Jun, Li; Cho, Minhyung, Unified (r,s)-entropies of partitions on sequential effect algebras. **Rep. Math. Phys.** **75** (2015), no. 3, 383?401.
Citeaza: A. Arias, A. Gheondea, S. Gudder, *Fixed points of quantum operations*, **J. Math. Phys.** **43**(2002), pag. 5872–5881.
265. Opmeer, Mark R.; Reis, Timo, A lower bound for the balanced truncation error for MIMO systems. **IEEE Trans. Automat. Control** **60** (2015), no. 8, 2207?2212.
Citeaza: A. Gheondea, R. Ober, *A note on the existence, uniqueness and symmetry of par-balanced realizations* **Integral Equations Operator Theory** **37** (2000), no. 4, 423?436.
266. Selig, Tilman, Controller reduction by H^2 balanced truncation for infinite-dimensional, discrete-time systems. **Math. Control Signals Systems** **27** (2015), no. 1, 111?147.
Citeaza: A. Gheondea, R. Ober, *A note on the existence, uniqueness and symmetry of par-balanced realizations* **Integral Equations Operator Theory** **37** (2000), no. 4, 423?436.
267. Opmeer, Mark R., Reis, Timo, A lower bound for the balanced truncation error for MIMO systems. (English summary) **IEEE Trans. Automat. Control** **60** (2015), no. 8, 2207?2212.
Citeaza: A. Gheondea, R.J. Ober *A trace formula for Hankel operators*, **Proc. Amer. Math. Soc.** **127**(1999), pag. 2007 – 2012.
268. Chiumiento, Eduardo; Maestriperieri, Alejandra; Martnez Pera, Francisco, On the geometry of normal projections in Krein spaces. **J. Operator Theory** **74** (2015), no. 1, 75?99.
Citeaza: A. Gheondea, *On generalized interpolation and shift invariant maximal semidefinite subspaces*, **Oper. Theory Adv. Appl.** **103**(1998), pag. 121 – 136.
269. Chiumiento, Eduardo; Maestriperieri, Alejandra; Martnez Pera, Francisco, On the geometry of normal projections in Krein spaces. **J. Operator Theory** **74** (2015), no. 1, 75?99.
Citeaza: A. Gheondea, *Canonical forms of unbounded unitary operators in Krein spaces*, **Publ. Res. Inst. Math. Sci.** **24**(1988), pag. 205–224.
270. Chiumiento, Eduardo; Maestriperieri, Alejandra; Martnez Pera, Francisco, On the geometry of normal projections in Krein spaces. **J. Operator Theory** **74** (2015), no. 1, 75?99
Citeaza: A. Gheonea, P. Jonas, *A characterization of spectral functions of definitizable operators*, **J. Operator Theory** **17**(1987), pag. 99 – 119.

271. Giribet, Juan Ignacio; Maestripieri, Alejandra; Martnez Pera, Francisco, Indefinite least-squares problems and pseudo-regularity. *J. Math. Anal. Appl.* 430 (2015), no. 2, 895?908.
Citeaza: A. Gheonea, P. Jonas, *A characterization of spectral functions of definitizable operators*, **J. Operator Theory** 17(1987), pag. 99 – 119.
272. Chiumiento, Eduardo; Maestripieri, Alejandra; Martnez Pera, Francisco, On the geometry of normal projections in Krein spaces. **J. Operator Theory** 74 (2015), no. 1, 75?99.
Citeaza: A. Gheondea, *On the geometry of pseudoregular subspaces of Krein spaces*, **Operator Theory Add. Appl.** 14(1983), pag. 141 – 156.
273. Giribet, Juan Ignacio; Maestripieri, Alejandra; Martnez Pera, Francisco Indefinite least-squares problems and pseudo-regularity. **J. Math. Anal. Appl.** 430 (2015), no. 2, 895?908.
Citeaza: A. Gheondea, *On the geometry of pseudoregular subspaces of Krein spaces*, **Operator Theory Add. Appl.** 14(1983), pag. 141 – 156.
274. Kim, In Hyoun; Yoo, Seonguk; Yoon, Jasang, Completion of Hankel partial contractions of non-extremal type. **J. Korean Math. Soc.** 52 (2015), no. 5, 1003?1021.
Citeaza: Gr. Arsene, A. Gheondea, *Completing matrix contractions*, **J. Operator Theory** 7(1982), pag. 179 – 189.
275. M.D. Srinivas, P. Mandayam, Uncertainty trade-off and disturbance trade-off for quantum measurements, **Current Science** 109(2015), 2044–2054.
Citeaza: A. Arias, A. Gheondea, S. Gudder, *Fixed points of quantum operations*, **J. Math. Phys.** 43(2002), pag. 5872–5881.
276. H. Podsedkowska, Entropy of quantum measurement, **Entropy**, 17(2015), 1181–1196.
Citeaza: A. Arias, A. Gheondea, S. Gudder, *Fixed points of quantum operations*, **J. Math. Phys.** 43(2002), pag. 5872–5881.
277. Alexander Mielke, Tomas Roubcek, Rate-Independent Systems in Banach spaces, **Applied Mathematical Sciences** 193 (2015), pag.117–234
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** 9 (2007), pag. 642–668
278. Alexander Mielke, Tomas Roubcek, Applications in continuum mechanics and physics of solids, **Applied Mathematical Sciences** 193 (2015), pag.235–458
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** 9 (2007), pag. 642–668
279. Alexander Mielke, Tomas Roubcek, Energetic rate-independent systems, **Applied Mathematical Sciences** 193 (2015), pag.45–115
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** 9 (2007), pag. 642–668

280. Alexander Mielke, Tomas Roubcek, Applications in continuum mechanics and physics of solids, **Applied Mathematical Sciences** **193** (2015), pag.235–458
Citeaza: Alexander Mielke, Aida Timofte, *An energetic material model for time-dependent ferroelectric behaviour: existence and uniqueness*, **Mathematical methods in the applied sciences** **29** (2006), pag. 1393–1410
281. B. Kaltenbacher, P. Krejčí, A thermodynamically consistent phenomenological model for ferroelectric and ferroelastic hysteresis, **ZAMM-Journal of Applied Mathematics and Mechanics** **96** (2015), pag. 874–891
Citeaza: Alexander Mielke, Aida Timofte, *An energetic material model for time-dependent ferroelectric behaviour: existence and uniqueness*, **Mathematical methods in the applied sciences** **29** (2006), pag. 1393–1410
282. Alexander Mielke, Tomas Roubcek, Applications in continuum mechanics and physics of solids, **Applied Mathematical Sciences** **193** (2015), pag.235–458
Citeaza: Alexander Mielke, Aida Timofte, *Homogenization for a nonlinear ferroelectric model*, **Asymptotic Analysis** (61), pag. 177 – 194
283. F. Fillastre, I. Izmetiev, G. Veronelli, Hyperbolization of cusps with convex boundary **Manuscripta Math.** **150** (2015), 475–492
Citează: J. Rouyer, C. Vilcu, *Moderate smoothness of most Alexandrov surfaces*, **Internat. J. Math.** **26** (2015), 1540004
284. Z. Abel, R. Connelly, E. D. Demaine, M. L. Demaine, T. C. Hull, A. Lubiw, T. Tachi, Rigid Flattening of Polyhedra with Slits, în vol. K. Miura et al. (eds.), *Origami*⁶, **American Math. Soc.** (2015), 109–118
Citează: J. Itoh, C. Nara, C. Vilcu, *Continuous flattening of convex polyhedra*, în vol. A. Márquez et al. (eds.), *Computational Geometry*, **Springer Lecture Notes in Computer Science** **7579** (2012), 85–97
285. Nakad, Roger; Pilca, Mihaela, igenvalue estimates of the spinc Dirac operator and harmonic forms on Kähler-Einstein manifolds, **SIGMA Symmetry Integrability Geom. Methods Appl.** **11** (2015), pag.54 – 68.
Citeaza: M. Pilca, *Kählerian twistor spinors*, **Math. Z.** **268** (2011), pag. 223-255.
286. S. Merchán, L. Montoro, I. Peral, Optimal reaction exponent for some qualitative properties of solutions to the p -heat equation, **Comm. Pure Appl. Analysis**, **14**, no. 1 (2015), pag. 245 – 268
Citeaza: M. Bonforte, R. Iagar, J. L. Vázquez, *Local smoothing effects, positivity, and Harnack inequalities for the fast p -Laplacian equation*, **Adv. in Math.**, **224**, no. 5 (2010), pag. 2151 – 2215
287. M. V. C. Recalde, V. Vespri, Harnack estimates at large: Sharp pointwise estimates for nonnegative solutions to a class of singular parabolic equations, **Nonl. Anal. Theory, Methods and Applications**, **121** (2015), pag. 153 – 163
Citeaza: M. Bonforte, R. Iagar, J. L. Vázquez, *Local smoothing effects, positivity, and Harnack inequalities for the fast p -Laplacian equation*, **Adv. in Math.**, **224**, no. 5 (2010), pag. 2151 – 2215

288. F. G. Duzguun, S. Fornaro, V. Vespri, Interior Harnack Estimates: The State-of-the-Art for Quasilinear Singular Parabolic Equations, **Milan J. of Math.**, **83**, no. 2 (2015), pag. 371 – 395
Citeaza: M. Bonforte, R. Iagar, J. L. Vázquez, *Local smoothing effects, positivity, and Harnack inequalities for the fast p -Laplacian equation*, **Adv. in Math.**, **224**, no. 5 (2010), pag. 2151 – 2215
289. D. Stan, F. del Teso, J. L. Vázquez, Transformations of self-similar solutions for porous medium equations of fractional type, **Nonl. Anal. Theory, Methods and Applications**, **119** (2015), pag. 62 – 73
Citeaza: R. Iagar, A. Sánchez, J. L. Vázquez, *Radial equivalence for the two basic nonlinear degenerate diffusion equations*, **J. Math. Pures Appl.**, **89**, no. 1 (2008), pag. 1 – 24
290. H. Shang, J. Sun, L. Deng, Cauchy problem for doubly singular parabolic equation with gradient source, **Math. Nachrichten**, **288**, no. 17-18 (2015), pag. 2109 – 2128
Citeaza: R. G. Iagar, Ph. Laurencot, *Positivity, decay, and extinction for a singular diffusion equation with gradient absorption*, **J. Functional Analysis** **262**, no. 7 (2012), pag. 3186 – 3239
291. M. F. Bidaut-Véron, Local and global estimates of solutions of Hamilton-Jacobi parabolic equation with absorption, **Adv. Differential Equations**, **20**, no. 11-12 (2015), 1033 – 1066
Citeaza: R. G. Iagar, Ph. Laurencot, *Positivity, decay, and extinction for a singular diffusion equation with gradient absorption*, **J. Functional Analysis** **262**, no. 7 (2012), pag. 3186 – 3239
292. D. Liu, C. Mu, Extinction for a quasilinear parabolic equation with a nonlinear gradient source and absorption, **J. Appl. Anal. Computation**, **5**, no. 1 (2015), pag. 114 – 137
Citeaza: R. G. Iagar, Ph. Laurencot, *Positivity, decay, and extinction for a singular diffusion equation with gradient absorption*, **J. Functional Analysis** **262**, no. 7 (2012), pag. 3186 – 3239
293. D. Liu, C. Mu, G. Zuo, Critical extinction exponent for a quasilinear parabolic equation with a gradient source, **J. Appl. Math. Computing**, **48**, no. 1 (2015), pag. 335 – 348
Citeaza: R. G. Iagar, Ph. Laurencot, *Positivity, decay, and extinction for a singular diffusion equation with gradient absorption*, **J. Functional Analysis** **262**, no. 7 (2012), pag. 3186 – 3239
294. S. Merchán, L. Montoro, I. Peral, Optimal reaction exponent for some qualitative properties of solutions to the p -heat equation, **Comm. Pure Appl. Analysis**, **14**, no. 1 (2015), pag. 245 – 268
Citeaza: R. G. Iagar, Ph. Laurencot, J. L. Vázquez, *Asymptotic behaviour of a nonlinear parabolic equation with gradient absorption and critical exponent*, **Interf. Free Boundaries**, **13**, no. 2 (2011), pag. 271 – 295
295. J. L. Vázquez, Fundamental solution and long time behavior of the Porous Medium Equation in hyperbolic space, **J. Math. Pures Appl.**, **104**, no. 3 (2015), pag. 454 – 484

- Citeaza:* R. G. Iagar, Ph. Laurencot, J. L. Vázquez, *Asymptotic behaviour of a nonlinear parabolic equation with gradient absorption and critical exponent*, **Interf. Free Boundaries**, **13**, no. 2 (2011), pag. 271 – 295
296. M. Muratori, Weighted functional inequalities and nonlinear diffusions of porous medium type, **Teza doctorat, Politecnico di Milano si Univ. Paris 1 Panthéon-Sorbonne**, (2015), pag. 1 – 293
Citeaza: R. G. Iagar, A. Sánchez, *Large time behavior for a porous medium equation in a nonhomogeneous medium with critical density*, **Nonl. Anal.** **102** (2014), pag. 226 – 241
297. G. Grillo, M. Muratori, F. Punzo, On the asymptotic behaviour of solutions to the fractional porous medium equation with variable density, **Discrete Cont. Dyn. Systems**, **35**, no. 12 (2015), pag. 5927 – 5962
Citeaza: R. G. Iagar, A. Sánchez, *Large time behavior for a porous medium equation in a nonhomogeneous medium with critical density*, **Nonl. Anal.** **102** (2014), pag. 226 – 241
298. G. Grillo, M. Muratori, F. Punzo, On the asymptotic behaviour of solutions to the fractional porous medium equation with variable density, **Discrete Cont. Dyn. Systems**, **35**, no. 12 (2015), pag. 5927 – 5962
Citeaza: R. G. Iagar, A. Sánchez, *Asymptotic behavior for the heat equation in nonhomogeneous media with critical density*, **Nonl. Anal.** **89** (2013), pag. 24 – 35
299. S. Shmarev, V. Vdovin, A. Vlasov, Interfaces in diffusionabsorption processes in nonhomogeneous media, **Math. and Computers in Simulation**, **118** (2015), pag. 360 – 378
Citeaza: R. G. Iagar, A. Sánchez, *Asymptotic behavior for the heat equation in nonhomogeneous media with critical density*, **Nonl. Anal.** **89** (2013), pag. 24 – 35
300. S. Shmarev, V. Vdovin, A. Vlasov, Interfaces in diffusionabsorption processes in nonhomogeneous media, **Math. and Computers in Simulation**, **118** (2015), pag. 360 – 378
Citeaza: R. G. Iagar, G. Reyes, A. Sánchez, *Radial equivalence of nonhomogeneous nonlinear diffusion equations*, **Acta Applicandae Mathematicae**, **123** (2013), 53-72.
301. K. Kumari, P. K. Gupta, G. Shanker, An Exact solution of Diffusion Equation with boundary conditions by Padé-Laplace Differential Transform Method, **Int. J. Math. and Appl.**, **3**, no. 4 (2015), pag. 1 – 8
Citeaza: R. G. Iagar, A. Sánchez, *Radial equivalence and study of self-similarity for two very fast diffusion equations*, **J. Math. Anal. Appl.**, **351**, no. 2 (2009), pag. 635 – 652
302. F. Fang, C. Ji, On quasilinear parabolic equations in Orlicz spaces, **Nonl. Anal. Real World Applications**, **22** (2015), pag. 307 – 318 *Citeaza:* R. Iagar, J. L. Vázquez, *Asymptotic analysis of the p -Laplacian flow in an exterior domain* **Ann. Inst. H. Poincaré Ann. Non Lineaire**, **26**, no. 2, pag. 497 – 520.
303. J. R. Raimbekov, The properties of the solutions for Cauchy problem of nonlinear parabolic equations in non-divergent form with density, **Zh. Siberian Federal Univ. Mat. Fiz.**, **8**, no. 2 (2015), 192 – 200

Citeaza: R. Iagar, J. L. Vázquez, *Asymptotic analysis of the p -Laplacian flow in an exterior domain* **Ann. Inst. H. Poincaré Ann. Non Linéaire**, **26**, no. 2, pag. 497 – 520.

304. H. Ye, J. Yin, Uniqueness of self-similar very singular solution for non-Newtonian polytropic filtration equations with gradient absorption **Electronic J. Differential Equations**, **83** (2015), pag. 1–9
Citeaza: R. G. Iagar, Ph. Laurencot *Existence and uniqueness of very singular solutions for a fast diffusion equation with gradient absorption*, **J. London Math. Society**, **87**, no. 2 (2013), pag. 509–529
305. H. Ye, J. Yin, Uniqueness of self-similar very singular solution for non-Newtonian polytropic filtration equations with gradient absorption **Electronic J. Differential Equations**, **83** (2015), pag. 1–9
Citeaza: R. G. Iagar, Ph. Laurencot *Asymptotic behavior for a singular diffusion equation with gradient absorption* **J. Differential Equations**, **256**, no. 8 (2014), pag. 2739–2777
306. J. Fan, G. Nakamura, Y. Zhou, Regularity criteria for the p -harmonic and Ostwald-de Waele flows, **Bull. Korean Math. Soc.**, **52**, no. 2 (2015), pag. 619–626
Citeaza: R. G. Iagar, S. Moll, *Rotationally symmetric p -harmonic flows from D^2 to S^2 : local well-posedness and finite time blow-up* **J. Math. Anal. Appl.**, **416**, no. 1 (2014), pag. 229–257

2 Autocitări

1. Ş. Papadima, A. Suciuc, *Naturality properties and comparison results for topological and infinitesimal embedded jump loci*, arxiv.org/pdf/1609.02768.pdf
Citează: D. A. Măcinic, Ş. Papadima, C. R. Popescu, A. I. Suciuc, *Flat connections and resonance varieties: from rank one to higher ranks*, **arXiv:1312.1439** (2013),
2. R. Stavre, A distributed control problem for two coupled fluids in a porous medium **SIAM J. Control and Optimization**, **53**(1) (2015), pag. 313–335
Citeaza: A. Capatina, H.I. Ene, G. Pasa, D. Poliřevki, R. Stavre *Optimal relations between the parameters of a PEM fuel cell*, **Mathematical Reports** **60** (4) (2008), pag. 299–308
3. H. Israel, A. Miranville, M. Petcu. Numerical analysis of a Cahn-Hilliard type equation with dynamic boundary conditions. **Ric. Mat.**, 64 (2015), no. 1, 25–50
Citeaza: L. Cherfils, M. Petcu, M. Pierre. A numerical analysis of the Cahn-Hilliard equation with dynamic boundary conditions. *Discrete Contin. Dyn. Syst.* 27 (2010), no. 4, 1511–1533
4. H. Israel, A. Miranville, M. Petcu: Numerical analysis of a Cahn-Hilliard type equation with dynamic boundary conditions. **Ric. Mat.** 64 (2015), no. 1, 25–50
Citeaza: H. Israel, A. Miranville, M. Petcu. Well-posedness and long time behavior of a perturbed Cahn-Hilliard system with regular potentials. *Asymptot. Anal.*, 84 (2013), no. 3-4, 147–179.
5. A. Huang, M. Petcu, R. Temam: The nonlinear 2D supercritical inviscid shallow water equations in a rectangle, **Asymptotic Analysis**, 93 (2015), no.3, 187–218

- Citeaza:* A. Huang, M. Petcu, R. Temam. The one-dimensional shallow water equations with transparent boundary conditions. *Math. Methods Appl. Sci.* 36 (2013), no. 15, 1979–1994
6. D. Beltiță, M. Nicolae, On universal enveloping algebras in a topological setting. **Studia Math.** 230 (2015), no. 1, 1–29.
Citează: I. Beltiță, D. Beltiță, *On differentiability of vectors in Lie group representations.* **J. Lie Theory** 21 no. 4, 771785 (2011).
 7. D. Beltiță, M. Nicolae, Moment convexity of solvable locally compact groups. **J. Lie Theory** 25 (2015), no. 3, 733–751.
Citează: I. Beltiță, D. Beltiță, *On differentiability of vectors in Lie group representations.* **J. Lie Theory** 21 no. 4, 771785 (2011).
 8. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
Citează: T. Albu, C. Năstăsescu, *Décompositions primaires dans les catégories de Grothendieck commutatives (I)*, **J. Reine Angew. Math.** 280 (1976), pag. 172–194
 9. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1 – 39
Citează: T. Albu, C. Năstăsescu, *Décompositions primaires dans les catégories de Grothendieck commutatives (II)*, **J. Reine Angew. Math.** 282 (1976), pag. 172–185
 10. T. Albu, Relativization, absolutization and latticization in ring and module theory, **São Paulo J. Math. Sci.** (2015), pag. 1–39
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)
 11. T. Albu, M. Iosif, Lattice preradicals with applications to Grothendieck categories and torsion theories, **J. Algebra** 444 (2015), pag. 339–366
Citează: T. Albu, C. Năstăsescu, *Décompositions primaires dans les catégories de Grothendieck commutatives (I)*, **J. Reine Angew. Math.** 280 (1976), pag. 172–194
 12. N. C. Bonciocat, An irreducibility criterion for the sum of two relatively prime polynomials, **Functiones et Approximatio Commentarii Mathematici** 157 (2015), 163–171
Citează: M. Cipu, N. C. Bonciocat, Y. Bugeaud, M. Mignotte, *Irreducibility criteria for sums of two relatively prime polynomials*, **Intern. J. Number Theory** 9 (2013), 1529–1539.
 13. N. C. Bonciocat, An irreducibility criterion for the sum of two relatively prime polynomials, **Functiones et Approximatio Commentarii Mathematici** 157 (2015), 163–171
Citează: M. Cipu, A. I. Bonciocat, N. C. Bonciocat, *Irreducibility criteria for compositions and multiplicative convolutions of polynomials with integer coefficients*, **An. Șt. Univ. Ovidius Constanța** 22 (2014), 73–84.
 14. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** 23:2 (2015)
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof**

Techniques, and Methodologies for Object-Oriented Algebraic Specification, World Scientific (1998).

15. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
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.
16. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: J. Goguen, R. Diaconescu: *Towards an algebraic semantics for the object paradigm*, **Lecture Notes in Computer Science** **785**, (1994) pag. 1–34.
17. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
18. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science** **6(1)**, (2000) pag. 74–96.
19. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** **285**, (2002) pag. 289–318.
20. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu, *Elementary diagrams in institutions*, **Journal of Logic and Computation** **14(5)**, (2004) pag. 651–674.
21. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu, I. Țuțu: *On the Algebra of Structured Specifications*, **Theoretical Computer Science** **412(28)** (2011), pag. 3145–3174.
22. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu: *An axiomatic approach to structuring specifications*, **Theoretical Computer Science** **433** (2012) pag.20–42.
23. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu: *Three decades of institution theory*, în **Universal Logic: An Anthology**, editor J.-Y. Béziau, Springer (2012), pag. 309–322.
24. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)

- Citează:* R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338.
25. R. Diaconescu: *Structuring of Specification Modules (extended)*, **Computer Science Journal of Moldova** **23:2** (2015)
Citează: R. Diaconescu: *Interpolation for predefined types*, **Mathematical Structures in Computer Science** **22(1)** (2012), pag. 1–24.
26. L. Beznea, M. Röckner, *On the existence of the dual right Markov process and applications*, **Potential Anal.** (2015), pag. 617-627.
Citeaza: Beznea, L., Cîmpean, I., Röckner, M., *Irreducible recurrence, ergodicity, and extremality of invariant measures for resolvents*, **arXiv:1409.6492** (2015).
27. L Beznea, M Deaconu, O Lupașcu, *Branching processes for the fragmentation equation*, **Stochastic Processes and their Applications** (2015), pag. 1861-1885.
Citeaza: Beznea, L., Cîmpean, I., *On Bochner-Kolmogorov theorem*, **Seminaire des Probabilites, Springer** (2014), pag. 61-70.
28. E. Mihailescu; M. Roychowdury, Quantization coefficients in infinite systems, **Kyoto Journal of Mathematics**, vol **55**, (Dec 2015), 857-873.
Citeaza: E. Mihailescu and M. Urbański, *Hausdorff dimension of the limit set of conformal iterated function systems with overlaps*, **Proceedings of the American Mathematical Society** **139** (2011), 2767–2775.
Citeaza: Mihailescu, Eugen; Urbański, Mariusz, *Hausdorff dimension of the limit set of countable conformal iterated function systems with overlaps*, **Fractal Geometry and Dynamical Systems in Pure and Applied Mathematics, I: Fractals in Pure Mathematics, Contemporary Mathematics 600**, Amer. Math. Soc., Providence, 2013, 273-289.
29. B. Ichim, L. Katthn, J. Moyano, LCM Lattices and Stanley Depth: A First Computational Approach **Experimental Mathematics** **25**, 2016, Issue 1
Citeaza: B. Ichim, A. Zarojanu, *An algorithm for computing the multigraded Hilbert depth of a module*, **Experimental Mathematics** **23** (2015) pag 322 – 331
30. Ahmad Zaheer, Dumitrescu Tiberiu, Epure Mihai , A Schreier domain type condition II, **Algebra Colloq.****22**, **Special Issue no. 1** (2015), pag. 923 – 934
Citeaza: Ahmad Zaheer, Dumitrescu Tiberiu, Epure Mihai. *A Schreier domain type condition.*, **Bull. Math. Soc. Sci. Math. Roumanie** **55(103)** (2012), pag. 241 – 247

3 Citări apărute în 2016

1. Lei, Qiang; Su, Xiaochao; Wu, Junde Continuity of the sequential product of sequential quantum effect algebras. **J. Math. Phys.** 57 (2016), no. 4, 043501, 7 pp.
Citeaza: A. Gheondea, S. Gudder, *Sequential product of quantum effects*, **Proc. Amer. Math. Soc.** 132(2004), pag. 503 – 512.

2. Zhang, Haiyan; Xue, Mingzhi Fixed points of trace preserving completely positive maps. **Linear Multilinear Algebra** 64 (2016), no. 3, 404–411.
Citeaza: A. Arias, A. Gheondea, S. Gudder, *Fixed points of quantum operations*, **J. Math. Phys.** 12(2002), pag. 5872 – 5881.
3. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: T. Constantinescu, A. Gheondea, *Minimal signature in lifting of operators. II*, **J. Func. Anal.** 103(1992), pag. 317 – 351.
4. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: T. Constantinescu, A. Gheondea, *Minimal signature in lifting of operators. I*, **J. Operator Theory** (an), pag. 345–367.
5. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: Gr. Arsene, T. Constantinescu, A. Gheondea, *Lifting of operators and prescribed numbers of negative squares*, **Michigan Math. J.** 34(1987), pag. 201 – 216.
6. Giribet, Juan I.; Maestripieri, Alejandra; Martnez Pera, Francisco Optimal normal projections in Krein spaces. **Linear Algebra Appl.** 490 (2016), 77–101.
Citeaza: A. Gheondea, P. Jonas, *A characterization of spectral functions of definitizable operators*, **J. Operator Theory** 17(1987), pag. 99 – 119.
7. Giribet, Juan I.; Maestripieri, Alejandra; Martnez Pera, Francisco Optimal normal projections in Krein spaces. **Linear Algebra Appl.** 490 (2016), 77–101.
Citeaza: autori citati, *titlu lucrare citata*, **revista lucrare citata volum** (an),
8. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: Gr. Arsen, A. Gheondea, *Completing matrix contractions*, **J. Operator Theory** 7(1982), pag. 179 – 189.
9. M. Hazewinkel, N.Gubareni, *Algebras, rings and modules. Non-commutative algebras and rings*, **CRC Press** (2016), 374 pagini, ISBN: 978-1-4822-4503-5.
Citeaza: T.Albu, *Sur la dimension de Gabriel des modules*, **Algebra - Berichte**, Bericht Nr. 21, 1974, Seminar F. Kasch - B. Pareigis, Mathematisches Institut der Universität München, Verlag Uni - Druck, 26 pagini.
Citeaza: T.Albu, M.L. Teply, *On the transfinite powers of the Jacobson radical of a DICC ring*, **J. Korean Math. Soc.** 38 (2001), 1117-1123.
10. S. Çeken, M. Alkan, *Singular and nonsingular modules relative to a torsion theory*, **Comm. Algebra** (2016), <http://dx.doi.org/10.1080/00927872.2016.1236930>.
Citeaza: T.Albu, *The Osofsky-Smith Theorem for modular lattices, and applications (II)*, **Comm. Algebra** 42 (2014), 2663-2683.
Citeaza: T.Albu, M. Iosif, *On socle and radical of modular lattices*, **Ann. Univ. Buchar. Math. Ser. 5 (LXIII)** (2014), 187-194.
Citeaza: T.Albu, M. Iosif, *Lattice preradicals with applications to Grothendieck categories and torsion theories*, **J. Algebra** 444 (2015), 339-366.

- Citeaza*: T. Albu, M. Iosif, *Modular C_{11} lattices and lattice preradicals*, **J. Algebra Appl.** **16** (2017), 1750116 [19 pages], <http://dx.doi.org/10.1142/S021949881750116X>.
11. M. Davoudian, O.A.S. Karamzadeh, *Artinian serial modules over commutative (or, left Noetherian) rings are at most one step away from being Noetherian*, **Comm. Algebra** **44** (2016), 3907-3917.
Citeaza: T. Albu, P. Vámos, *Global Krull dimension and global dual Krull dimension of valuation rings*, in “**Abelian Groups, Module Theory, and Topology: Proceedings in Honor of Adalberto Orsatti’s 60th Birthday**”, edited by D. Dikranjan and L. Salce, Marcel Dekker, Inc., New York, pp. 37-54 (1998).
Citeaza: T. Albu, P.F. Smith, *Dual Krull dimension and duality*, **Rocky Mountain J. Math.** **29** (1999), 1153-1165.
Citeaza: T. Albu, S.T. Rizvi, *Chain conditions on quotient finite dimensional modules*, **Comm. Algebra** **29** (2001), 1909-1928.
12. A. Banerjee, *Some remarks on a theorem of Bergman*, **C. R. Math. Acad. Sci. Paris** **354** (2016), 665-670.
Citeaza: T. Albu, “*Chain Conditions in Modular Lattices with Applications to Grothendieck Categories and Torsion Theories*,” **Monograph Series of the Parana’s Mathematical Society No. 1 - 2015**, Sociedade Paranaense de Matemática, Maringá, Paraná, Brasil, 2015, 134 pagini, ISSN: 2446-6026.
13. M. Davoudian, A. Halali, N. Shirali, *On α -almost Artinian modules*, **Open Mathematics** **14** (2016), 404-413.
Citeaza: T. Albu, P. Vámos, *Global Krull dimension and global dual Krull dimension of valuation rings*, in “**Abelian Groups, Module Theory, and Topology: Proceedings in Honor of Adalberto Orsatti’s 60th Birthday**”, edited by D. Dikranjan and L. Salce, Marcel Dekker, Inc., New York, pp. 37-54 (1998).
Citeaza: T. Albu, P.F. Smith, *Dual Krull dimension and duality*, **Rocky Mountain J. Math.** **29** (1999), 1153-1165.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins-Levitzki Theorem (I)*, **Math. Proc. Cambridge Philos. Soc.** **120** (1996), 87-101.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins-Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), 1111-1128.
Citeaza: T. Albu, M.L. Teply, *Generalized deviation of posets and modular lattices*, **Discrete Math.** **214** (2000), 1-19.
14. A.N. Abyzov, A.A. Tuganbaev, *Retractable and coretractable modules*, **J. Math. Sci. (N.Y.)** **213** (2016), 132-142.
Citeaza: T. Albu, R. Wisbauer, *Kasch modules*, in “**Advances in Ring Theory**”, Proceedings of the 23rd biennial Ohio State - Denison Conference, edited by S. K. Jain, S. Tariq Rizvi, **Trends in Mathematics, Birkhäuser**, (1997), pp. 1-16.
15. M. Davoudian, N. Shirali, *On α -tall modules*, **Bull. Malays. Math. Sci. Soc.** (2016), <http://dx.doi.org/10.1007/s40840-016-0422-3>.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins-Levitzki Theorem (I)*, **Math. Proc. Cambridge Philos. Soc.** **120** (1996), 87-101.

- Citeaza*: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins-Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), 1111-1128.
- Citeaza*: T. Albu, P.F. Smith, *Dual Krull dimension and duality*, **Rocky Mountain J. Math.** **29** (1999), 1153-1165.
- Citeaza*: T. Albu, P. Vámos, *Global Krull dimension and global dual Krull dimension of valuation rings*, in “**Abelian Groups, Module Theory, and Topology: Proceedings in Honor of Adalberto Orsatti’s 60th Birthday**”, edited by D. Dikranjan and L. Salce, Marcel Dekker, Inc., New York, pp. 37-54 (1998).
- Citeaza*: T. Albu, S.T. Rizvi, *Chain conditions on quotient finite dimensional modules*, **Comm. Algebra** **29** (2001), 1909-1928.
16. P. Sarkar, S. Singh, *On irreducible polynomials of the form $b(x^d)$* , **arXiv:1604.08303v1 [math.NT]**, 28 Apr 2016.
- Citeaza*: T. Albu, “*Cogalois Theory*”, **A Series of Monographs and Textbooks, Vol. 252**, Marcel Dekker, Inc., New York and Basel (2003), 368 pagini.
17. S. Virili, *On the exactness of products in the localization of $(Ab.4^*)$ Grothendieck categories*, **J. Algebra** **470** (2016), <http://dx.doi.org/10.1016/j.jalgebra.2016.08.019>.
- Citeaza*: T. Albu, C. Năstăsescu, *Some aspects of non-Noetherian local cohomology*, **Comm. Algebra** **8** (1980), 1539-1560.
- Citeaza*: T. Albu, C. Năstăsescu, *Local cohomology and torsion theory (I)*, **Rev. Roumaine Math. Pures Appl.** **26** (1981), 3-14.
18. M. Davoudian, *Dimension of non-finitely generated submodules*, **Vietnam J. Math.** (2016). <http://doi:10.1007/s10013-016-0206-y>.
- Citeaza*: T. Albu, P.F. Smith, *Dual relative Krull dimension of modules over commutative rings*, in “**Abelian Groups and Modules**”, edited by A. Facchini and C. Menini, Kluwer Academic Publisher, Dordrecht, pp. 1-15 (1995).
- Citeaza*: T. Albu, P. Vámos, *Global Krull dimension and global dual Krull dimension of valuation rings*, in “**Abelian Groups, Module Theory, and Topology: Proceedings in Honor of Adalberto Orsatti’s 60th Birthday**”, edited by D. Dikranjan and L. Salce, Marcel Dekker, Inc., New York, pp. 37-54 (1998).
- Citeaza*: T. Albu, P.F. Smith, *Dual Krull dimension and duality*, **Rocky Mountain J. Math.** **29** (1999), 1153-1165.
- Citeaza*: T. Albu, S.T. Rizvi, *Chain conditions on quotient finite dimensional modules*, **Comm. Algebra** **29** (2001), 1909-1928.
19. Gavril Farkas, Michael Kemeny, The generic Green-Lazarsfeld Secant Conjecture, **Inventiones Math.** **203** (1) (2016), pag. 265 – 301
- Citeaza*: Marian Aprodu, Gavril Farkas, *Green’s conjecture for curves on arbitrary $K3$ surfaces*, **Compositio Math.** **147** (3) (2011) pag. 839 – 851
20. Gavril Farkas, Michael Kemeny, The generic Green-Lazarsfeld Secant Conjecture, **Inventiones Math.** **203** (1) (2016), pag. 265 – 301
- Citeaza*: Marian Aprodu, Gavril Farkas, *Green’s Conjecture for general covers, compact moduli spaces and vector bundles*, In: Alexeev, V., et al. (eds), **Contemporary Math.** vol. **564** (2012) pag. 211 – 226

21. Arnaud Beauville, Ulrich bundles on abelian surfaces, **Proc. American Math. Soc.** **144** (2016), pag. 4609 – 4611
Citeaza: Marian Aprodu, Gavril Farkas, Angela Ortega, *Minimal resolutions, Chow forms of K3 surfaces and Ulrich bundles*, **J. Reine Angew. Math.** in curs de publicare.
22. Kenta Watanabe, On the splitting of Lazarsfeld-Mukai bundles on K3 surfaces, **Journal of Algebra** **447** (2016) pag. 445 – 454
Citeaza: Marian Aprodu, Gavril Farkas, *Green's conjecture for curves on arbitrary K3 surfaces*, **Compositio Math.** **147** (3) (2011) pag. 839 – 851
23. Herbert Lange, Peter E. Newstead, Seong Suk Park, Nonemptiness of Brill-Noether Loci in $M(2, K)$, **Comm. Alg.** **44** (2) (2016) pag. 746 – 767
Citeaza: Marian Aprodu, Jan Nagel, *Non-vanishing for Koszul cohomology of curves*, **Commentarii Math. Helv.** **87** (3) (2007) pag. 617 – 628
24. Yeongrak Kim, Ulrich bundles on rational surfaces with an anticanonical pencil, **Manuscr. Math.** **150** (1) (2016) pag. 99 – 110
Citeaza: Marian Aprodu, Gavril Farkas, Angela Ortega, *Minimal resolutions, Chow forms of K3 surfaces and Ulrich bundles*, **J. Reine Angew. Math.** in curs de publicare.
25. Yeongrak Kim, Ulrich bundles on rational surfaces with an anticanonical pencil, **Manuscr. Math.** **150** (1) (2016) pag. 99 – 110
Citeaza: Marian Aprodu *Lazarsfeld-Mukai bundles and applications*, In: Peeva, I. (ed.) **Commutative Algebra**. Expository papers dedicated to David Eisenbud on the occasion of his 65th birthday, Springer, New York (2013) pag. 1 – 23.
26. Akash Kumar Sengupta, Counterexamples to Mercat's conjecture, **Archiv der Math.** **106** (5) (2016) pag. 439 – 444
Citeaza: Marian Aprodu *Lazarsfeld-Mukai bundles and applications*, In: Peeva, I. (ed.) **Commutative Algebra**. Expository papers dedicated to David Eisenbud on the occasion of his 65th birthday, Springer, New York (2013) pag. 1 – 23.
27. Akash Kumar Sengupta, Counterexamples to Mercat's conjecture, **Archiv der Math.** **106** (5) (2016) pag. 439 – 444
Citeaza: Marian Aprodu, Gavril Farkas, Angela Ortega, *Restricted Lazarsfeld-Mukai bundles and canonical curves*, **Development of Moduli Theory**, Advanced Studies in Pure Mathematics (Math. Soc. Japan) 69 (2016), volume on the occasion of Mukai's 60th birthday pag. 303 – 322.
28. Stefan Kebekus, Thomas Peternell, Aspects of the Geometry of Varieties with Canonical Singularities, **Foliation Theory in Algebraic Geometry**, Simons Symposia, Springer (2016) pag. 73 – 102 *Citeaza:* Marian Aprodu, Stefan Kebekus, Thomas Peternell, *Galois coverings and endomorphisms of projective varieties*, **Math. Zeitschrift** **260** (2008) pag. 431 – 449
29. Cristian Anghel, Quantum sheaf cohomology on surfaces of general type I: Construction of stable omalous bundles, **Proceedings of ICTAMI International Conference on Theory and Applications in Mathematics and Informatics 17th-20th of September, 2015** (2016) pag. 9 – 16

- Citeaza:* Marian Aprodu, Marius Marchitan, *Prioritary omalous bundles on Hirzebruch surfaces*, **J. Geom. Phys.** **99** (2016) pag. 1 – 9
30. Bruno Iochum, Thierry Masson, *Crossed product extensions of spectral triples*, **Journal of Noncommutative Geometry** (2016), Volume 10, Issue 1, pag. 65–133;
Citeaza: G. Arsu, *On Schatten-von Neumann class properties of pseudodifferential operators: The Cordes-Kato method*, **J. Operator Theory** **59** (2008), pag. 81–114;
 31. G. van Dijk, K.H. Neeb, H. Salmasian, C. Zellner, On the characterization of trace class representations and Schwartz operators, **J. of Lie Theory** **26** (2016), no. 3, pag. 787–805.
Citeaza: I. Beltiță, D. Beltiță, *Smooth vectors and Weyl-Pedersen calculus for representations of nilpotent Lie groups*. **Ann. Univ. Buchar. Math. Ser. 1(LIX)** (2010), no. 1, 17–46.
 32. G. van Dijk, K.H. Neeb, H. Salmasian, C. Zellner, On the characterization of trace class representations and Schwartz operators, **J. of Lie Theory** **26** (2016), no. 3, pag. 787–805.
Citeaza: I. Beltiță, D. Beltiță, *Continuity of magnetic Weyl calculus*. **J. Funct. Anal.** **260** (2011), no. 7, 1944–1968.
 33. V. Nistor, Analysis on singular spaces: Lie manifolds and operator algebras, **Journal of Geometry and Physics** **105** (2016), pag. 75–101.
Citeaza: I. Beltiță, D. Beltiță, *Algebras of symbols associated with the Weyl calculus for Lie group representations*, **Monatsh. Math.** **167** (2012), no. 1, pag. 13–33.
 34. M. Măntoiu, Coorbit spaces of symbols for square integrable families of operators, **Math. Rep. (Bucur.)** **18(68)** (2016), no. 1, pag. 63–83.
Citeaza: I. Beltiță, D. Beltiță, *Magnetic pseudo-differential Weyl calculus on nilpotent Lie groups*. **Ann. Global Anal. Geom.** **36** (2009), no. 3, pag. 293–322.
 35. M. Măntoiu, Coorbit spaces of symbols for square integrable families of operators, **Math. Rep. (Bucur.)** **18(68)** (2016), no. 1, pag. 63–83.
Citeaza: I. Beltiță, D. Beltiță, *Modulation spaces of symbols for representations of nilpotent Lie groups*. **J. Fourier Anal. Appl.** **17** (2011), no. 2, pag. 290–319.
 36. M. Măntoiu, Coorbit spaces of symbols for square integrable families of operators, **Math. Rep. (Bucur.)** **18(68)** (2016), no. 1, pag. 63–83.
Citeaza: I. Beltiță, D. Beltiță, *Continuity of magnetic Weyl calculus*. **J. Funct. Anal.** **260** (2011), no. 7, pag. 1944–1968.
 37. M. Măntoiu, Coorbit spaces of symbols for square integrable families of operators, **Math. Rep. (Bucur.)** **18(68)** (2016), no. 1, pag. 63–83.
Citeaza: I. Beltiță, D. Beltiță, *A Survey on Weyl Calculus for Representations of Nilpotent Lie Groups*, **XXVIII Workshop on Geometrical Methods in Physics Vol. 1191**, No. 1, AIP Publishing, pag. 7–20.
 38. M. Măntoiu, Coorbit spaces of symbols for square integrable families of operators, **Math. Rep. (Bucur.)** **18(68)** (2016), no. 1, pag. 63–83.

- Citeaza:* I. Beltiță, D. Beltiță, M. Măntoiu, *Quantization and dequantization via square-integrable families of operators*, **Rocky Mountains Journal of Mathematics**, to appear (<http://projecteuclid.org/euclid.rmjm/1434400110>).
39. V.G. Kurbatov, V.I. Kuznetsova, Inverse-closedness of the set of integral operators with L^1 -continuously varying kernels. **J. Math. Anal. Appl.** **436** (2016), no. 1, pag. 322–338.
Citeaza: I. Beltiță, D. Beltiță, *Inverse-closed algebras of integral operators on locally compact groups*. **Ann. Henri Poincaré** **16** (2015), no. 5, pag. 1283–1306.
 40. J.A. Wolf, Solvability, structure and analysis for minimal parabolic subgroups. **Preprint arXiv:1610.08105** (2016)
Citeaza: I. Beltiță, D. Beltiță, *Coadjoint orbits of stepwise square integrable representations*. **Proc. Amer. Math. Soc.** **144** (2016), no. 3, 1343–1350.
 41. J.-K. Günther, The C^* -algebra of $SL(2, \mathbb{R})$. **Preprint arXiv:1605.09256** (2016),
Citeaza: I. Beltiță, D. Beltiță, J. Ludwig, *Fourier transforms of C^* -algebras of nilpotent Lie groups*, **Int. Math. Res. Not. IMRN** doi: **10.1093/imrn/rnw040** (to appear).
 42. J.-K. Günther, The C^* -algebras of certain Lie groups. **Diss. PhD-FSTC-2016-41, Univ. Luxembourg, Institut Elie Cartan de Lorraine** (2016),
Citeaza: I. Beltiță, D. Beltiță, J. Ludwig, *Fourier transforms of C^* -algebras of nilpotent Lie groups*, **Int. Math. Res. Not. IMRN** doi: **10.1093/imrn/rnw040** (to appear).
 43. V. Nistor, Fredholm criteria for pseudodifferential operators and induced representations of groupoid algebras, **Preprint arXiv:1602.04603** (2016).
Citeaza: I. Beltiță, D. Beltiță, *Coadjoint dynamical systems of solvable Lie groups*. **Preprint arXiv:1512.00558** (2015).
 44. E. Andruchow, E. Chiumiento, G. Larotonda, Geometric significance of Toeplitz kernels. **Preprint arXiv:1608.05737** (2016).
Citează:
D. Beltiță, T.S. Ratiu, A.B. Tumpach, The restricted Grassmannian, Banach Lie-Poisson spaces, and coadjoint orbits. **J. Funct. Anal.** **247** (2007), no. 1, 138–168.
 45. E. Andruchow, L. Recht: Larotonda spaces: homogeneous spaces and conditional expectations. **Internat. J. Math.** **27** (2016), no. 2, 1650002, 17 pp.
Citează:
D. Beltiță, **Smooth homogeneous structures in operator theory**. Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics, 137. Chapman & Hall/CRC, Boca Raton, FL, 2006.
 46. M.L. Galván, Riemannian metrics on infinite dimensional self-adjoint operator groups. **J. Lie Theory** **26** (2016), no. 3, pag. 717-728.
Citează:
D. Beltiță, **Smooth homogeneous structures in operator theory**. Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics, 137. Chapman & Hall/CRC, Boca Raton, FL, 2006.

47. Alexandre Richard, Some Singular Sample Path Properties of a Multiparameter Fractional Brownian Motion, **J. Theoretical Probability**, 2016 DOI: 10.1007/s10959-016-0694-4
Citează: Lucian Beznea, Aurel Cornea, and Michael Röckner, Potential theory of infinite dimensional Lévy processes, **J. Funct. Anal.** **261** (2011), pag. 2845–2876.
48. Alexandre Richard, Increment stationarity of L^2 -indexed stochastic processes: spectral representation and characterization, **Electron. Commun. Probab.** **21**(2016), pag.1-15.
Citează: Lucian Beznea, Aurel Cornea, and Michael Röckner, *Potential theory of infinite dimensional Lévy processes*, **J. Funct. Anal.** **261** (2011), pag. 2845–2876.
49. Tomasz Klimsiak, Right Markov Processes and Systems of Semilinear Equations with Measure Data, **Potential Analysis** **44** (2016), pag. 373–399.
Citează: L. Beznea, N. Boboc, *Potential Theory and Right Processes*, **Kluwer/Springer** (2004)
50. Tomasz Klimsiak, Right Markov Processes and Systems of Semilinear Equations with Measure Data, **Potential Analysis** **44** (2016), pag. 373–399.
Citează: L. Beznea, N. Boboc, *Balayages on excessive measures, their representation and the quasi-Lindelöf property*, **Potential Analysis** **7** (1997), pag. 805–825.
51. Mohamed El Kadir and Bent Fuglede, *Martin Boundary of a Fine Domain and a Fatou-Naim-Doob Theorem for Finely Superharmonic Functions*, **Potential Analysis** **44** (2016), pag. 1–25.
Citează: L. Beznea, N. Boboc, *On the tightness of capacities associated with sub-Markovian resolvents*, **Bull. London Math. Soc** **37**, (2005), 899–907.
52. K.Bahmanpour, M. Aghapournahr, A note on Cofinite modules, **Communications in Algebra, Volume 44,(9)**, (2016), pp. 3683-3691.
Citeaza: G. Chiriacescu, *Cofiniteness of local cohomology modules over regular local rings*, **Bull. London Math. Soc.**, **32**, (2000), pag. 1-7.
53. G. Ghasemi, K. Bahmanpour, J. A'zami, On the Cofiniteness of Artinian local cohomology modules, **Journal of Algebra and its Applications, Volume 15, (4)**, (2016).
Citeaza: G. Chiriacescu, *Cofiniteness of local cohomology modules over regular local rings*, **Bull. London Math. Soc.**, **32**, (2000), pag. 1-7.
54. D. Hassanzadeh-Lelekaami, H. Roshan-Shekalgourabi, Extension functors of cominimax modules, **Communications in Algebra**, published on line at the address <http://dx.doi.org/10.1080/00927872.2016.1172613>.
Citeaza: G. Chiriacescu, *Cofiniteness of local cohomology modules over regular local rings*, **Bull. London Math. Soc.**, **32**, (2000), pag. 1-7.
55. Shen, Yi-Huang, Stanley depth and Stanley support-regularity of monomial ideals, **Collect. Math.** **67** (2016), no. 4, pag. 227 – 246
Citeaza: Mircea Cimpoeas, *Some remarks on the Stanley depth for multigraded modules* **Matematiche (Catania)** **63** , no. 2 (2008), pag. 165-171
56. Shen, Yi-Huang, Stanley depth and Stanley support-regularity of monomial ideals, **Collect. Math.** **67** (2016), no. 4, pag. 227 – 246
Citeaza: Mircea Cimpoeas, *Several inequalities regarding Stanley depth*, **Rom. J. Math. Comput. Sci.** **2** , no. 1 (2012), pag. 28 – 40

57. M. Sera, A generalization of Takegoshi's relative vanishing theorem, **J. Geom. Anal.** **26** (2016), pag.1891–1912
Citeaza: M. Colțoiu, A. Silva, *BehnkeStein theorem on complex spaces with singularities*, **Nagoya Math. J.** **137** (1995), pag. 183–194.
58. M. Sera, A generalization of Takegoshi's relative vanishing theorem, **J. Geom. Anal.** **26** (2016), pag.1891–1912
Citeaza: M. Colțoiu, J. Ruppenthal, *On Hartogs' extension theorem on $(n,1)$ -complete complex spaces.*, **J. Reine Angew. Math.** **637** (2009), pag. 41–47.
59. R. Pierzchała, Semialgebraic sets and the Łojasiewicz-Siciak condition, **J. Anal. Math.** **129** (2016), pag. 285–307
Citeaza: M. Colțoiu, *Complete locally pluripolar sets*, **J. Reine Angew. Math.**, **412** (1990), pag. 108–112.
60. V. Vâjăitu, A Levi problem for convexity with corners, **Complex Variables and Elliptic Equations** (2016), Online March 1,
Citeaza: M. Colțoiu, K. Diederich, *The Levi problem for Riemann domains over Stein spaces with isolated singularities*, **Math. Ann.****338** (2007), pag.283–289
61. A. Lind; E. Porten, On thickening of holomorphic hulls and envelopes of holomorphy on Stein spaces, **Internat. J. Math.** **27** (2016), 1650051.
Citeaza: M. Colțoiu, N. Mihalache, *Strongly plurisubharmonic exhaustion functions on 1-convex spaces*, **Math. Ann.** **270** (1985), pag.63–68
62. A. Lind; E. Porten, On thickening of holomorphic hulls and envelopes of holomorphy on Stein spaces, **Internat. J. Math.** **27** (2016), 1650051.
Citeaza: M. Colțoiu, M. Tibăr, *Steinness of the universal covering of the complement of a 2-dimensional complex singularity*, **Math. Ann.** **326** (2003), pag.95–104
63. A. Lind; E. Porten, On thickening of holomorphic hulls and envelopes of holomorphy on Stein spaces, **Internat. J. Math.** **27** (2016), 1650051.
Citeaza: M. Colțoiu, M. Tibăr, *On the disk theorem*, **Math. Ann.** **345** (2009), pag.175–183
64. T. Pawlaschyk; E. Zeron, On convex hulls and pseudoconvex domains generated by q -plurisubharmonic functions, **Bol. Soc. Mat. Mex. (3)** **22** (2016), pag. 367–388
Citeaza: M. Colțoiu, *Traces of Runge domains on analytic subsets*, **Math. Ann.** **290** (1991), pag. 545–548.
65. L. Shaul, Hochschild cohomology commutes with adic completion, **Algebra and Number Theory** **10** (2016), pag. 1001 – 1029
Citeaza: Cristodor Ionescu, *Hochschild (co)homology in commutative algebra. A survey*, **An. Șt. Univ. Ovidius Constanța** **9** (2001), pag. 87 – 96
66. L. Chu, V. H. Jorge Pérez, The Stanley regularity of complete intersections and ideals of mixed products, **J. Algebra Appl.** **15** (2016),
Citeaza: Cristodor Ionescu, Giancarlo Rinaldo *Some algebraic invariants related to mixed product ideals*, **Arch. Math.** **91** (2008), pag. 20 – 30

67. A. Mafi, S. Tabejamaat, Some results on almost Cohen-Macaulay modules, **J. Alg. Systems**. **3** (2016), pag. 147 – 150
Citeaza: Cristodor Ionescu, *More properties of almost Cohen-Macaulay rings*, **J. Comput. Algebra** **7** (2015), pag. 363 – 372
68. Henry D., *Equatorially trapped nonlinear water waves in a β -plane approximation with centripetal forces*, **Journal of Fluid Mechanics** **804** (2016), R1.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the f -plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
69. Kohlmann M., *Curvature computations for a two-component Camassa-Holm equation with vorticity*, **Applicable Analysis** (2016),
doi: 10.1080/00036811.2015.1134784.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
70. Fan L, Gao H., *Instability of equatorial edge waves in the background flow*, **Proceedings of the American Mathematical Society** (2016), doi.org/10.1090/proc/13308.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the f -plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
71. Fan L, Gao H., *Instability of equatorial edge waves in the background flow*, **Proceedings of the American Mathematical Society** (2016), doi.org/10.1090/proc/13308.
Citeaza: Ionescu-Kruse D., *Instability of equatorially trapped waves in stratified water*, **Annali di Matematica Pura ed Applicata** **195** (2016), 585–599.
72. Fan L, Gao H., *Instability of equatorial edge waves in the background flow*, **Proceedings of the American Mathematical Society** (2016), doi.org/10.1090/proc/13308.
Citeaza: Ionescu-Kruse D., *Instability of edge waves along a sloping beach*, **Journal of Differential Equations** **256** (2014), 3999–4012.
73. Fan L, Gao H., *Instability of equatorial edge waves in the background flow*, **Proceedings of the American Mathematical Society** (2016), doi.org/10.1090/proc/13308.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the β -plane approximation*, **Journal of Mathematical Fluid Mechanics** **17** (2015), 699–706.
74. Fan L, Gao H., *Instability of equatorial edge waves in the background flow*, **Proceedings of the American Mathematical Society** (2016), doi.org/10.1090/proc/13308.
Citeaza: Ionescu-Kruse D., *Short-wavelength instabilities of edge waves in stratified water*, **Discrete and Continuous Dynamical Systems** **35** (2015), 2053–2066.
75. Martin C. I., *Hamiltonian structure for rotational capillary waves in stratified flows*, **Journal of Differential Equations** **261** (2016), 373–395.
Citeaza: Ionescu-Kruse D., *Instability of equatorially trapped waves in stratified water*, **Annali di Matematica Pura ed Applicata** **195** (2016), 585–599.
76. Kazerani D., *Global existence for small data of the viscous Green-Naghdi type equations*, **Journal of Differential Equations** **261** (2016), 762–796.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Green-Naghdi shallow-water equations*, **Journal of Nonlinear Mathematical Physics** **19** (2012), Article 1240001.

77. Novruzov E., *Blow-up of solutions for the dissipative Dullin-Gottwald-Holm equation with arbitrary coefficients*, **Journal of Differential Equations** **261** (2016), 1115–1127.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
78. Constantin O., Martin M. J., *A harmonic maps approach to fluid flows*, **Mathematische Annalen** (2016), doi: 10.1007/s00208-016-1435-9.
Citeaza: Ionescu-Kruse D., *Instability of edge waves along a sloping beach*, **Journal of Differential Equations** **256** (2014), 3999–4012.
79. Eckhardt J., Teschl G., *A coupling problem for entire functions and its application to the long-time asymptotics of integrable wave equations*, **Nonlinearity** **29** (2016), 1036–1046.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
80. Coclite G. M., Di Ruvo L., *A Note on the Convergence of the Solutions of the Camassa-Holm Equation to the Entropy Ones of a Scalar Conservation Law*, **Discrete and Continuous Dynamical Systems** **36** (2016), 2981–2990.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
81. Henry D., *Exact equatorial water waves in the f -plane*, **Nonlinear Analysis - Real World Applications** **28** (2016), 284–289.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the f -plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
82. Hsu H. C., Martin C. I., *Free-surface capillary-gravity azimuthal equatorial flows*, **Nonlinear Analysis: Theory, Methods & Applications** **144** (2016), 1–9.
Citeaza: Ionescu-Kruse D., *Instability of edge waves along a sloping beach*, **Journal of Differential Equations** **256** (2014), 3999–4012.
83. Hsu H. C., Martin C. I., *Free-surface capillary-gravity azimuthal equatorial flows*, **Nonlinear Analysis: Theory, Methods & Applications** **144** (2016), 1–9.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the β -plane approximation*, **Journal of Mathematical Fluid Mechanics** **17** (2015), 699–706.
84. Li X., *The Cauchy problem and blow-up phenomena of a new integrable two-component Camassa-Holm system*, **Nonlinear Analysis: Theory, Methods & Applications** **132** (2016), 25–46.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
85. Kluczek M., *Exact and Explicit Internal Equatorial Water Waves with Underlying Currents*, **Journal of Mathematical Fluid Mechanics** (2016), doi:10.1007/s00021-016-0281-6.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the f -plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
86. Henry D., Sastre-Gomez S., *Mean Flow Velocities and Mass Transport for Equatorially-Trapped Water Waves with an Underlying Current*, **Journal of Mathematical Fluid**

- Mechanics** (2016), doi:10.1007/s00021-016-0262-9.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the f -plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
87. Henry D., Sastre-Gomez S., *Mean Flow Velocities and Mass Transport for Equatorially-Trapped Water Waves with an Underlying Current*, **Journal of Mathematical Fluid Mechanics** (2016), doi:10.1007/s00021-016-0262-9.
Citeaza: Ionescu-Kruse D., *Particle trajectories in linearized irrotational shallow water flows*, **Journal of Nonlinear Mathematical Physics** **15** (2008), 13–27.
88. Quirchmayr R., *On Irrotational Flows Beneath Periodic Traveling Equatorial Waves*, **Journal of Mathematical Fluid Mechanics** (2016), doi:10.1007/s00021-016-0280-7.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical equatorial edge waves in the β -plane approximation*, **Journal of Mathematical Fluid Mechanics** **17** (2015), 699–706.
89. Wei L., Wang Y., Zhang H., *Breaking waves and persistence property for a two-component Camassa-Holm system*, **Journal of Mathematical Analysis and Applications** (2016), doi: 10.1016/j.jmaa.2016.08.035.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
90. Bellec S., Colin M., *On the existence of solitary waves for Boussinesq type equations and Cauchy problem for a new conservative model*, **Advances in Differential Equations** **21** (2016), 945–976.
Citeaza: Ionescu-Kruse D., *A new two-component system modelling shallow-water waves*, **Quarterly of Applied Mathematics** **73** (2015), 331–346.
91. Kogelbauer F., *On the trigonometric polynomial Ansatz for gravity water waves*, **Applicable Analysis** (2016), doi: 10.1080/00036811.2015.1064525; IF=0.815.
Citeaza: Ionescu-Kruse D., *Short-wavelength instabilities of edge waves in stratified water*, **Discrete and Continuous Dynamical Systems** **35** (2015), 2053–2066.
92. Martin C. I., *On the existence of free-surface azimuthal equatorial flows*, **Applicable Analysis** (2016), doi: 10.1080/00036811.2016.1180370.
Citeaza: Ionescu-Kruse D., *Instability of edge waves along a sloping beach*, **Journal of Differential Equations** **256** (2014), 3999–4012.
93. Martin C. I., *On the existence of free-surface azimuthal equatorial flows*, **Applicable Analysis** (2016), doi: 10.1080/00036811.2016.1180370.
Citeaza: Ionescu-Kruse D., Matioc, A. V., *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems** **34** (2014), 3045–3060. Kohlmann M., *Curvature computations for a two-component Camassa-Holm equation with vorticity*, **Applicable Analysis** (2016), doi: 10.1080/00036811.2015.1134784.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.

94. He H., Yin Z., *On a generalized CamassaHolm equation with the flow generated by velocity and its gradient*, **Applicable Analysis** (2016), doi: 10.1080/00036811.2016.1151498.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
95. Rodriguez-Sanjurjo A., Kluczek M., *Mean flow properties for equatorially trapped internal water wave-current interactions*, **Applicable Analysis** (2016), doi: 10.1080/00036811.2016.122194.
Citeaza: Ionescu-Kruse D., *An exact solution for geophysical edge waves in the f-plane approximation*, **Nonlinear Analysis - Real World Applications** **24** (2015), 190–195.
96. He F., Wei Z., *A remark on wave breaking for the DullinGottwaldHolm equation*, **Applicable Analysis** (2016), doi: 10.1080/00036811.2016.1198781.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
97. Quirchmayr R., *A new highly nonlinear shallow water wave equation*, **Journal of Evolution Equations** (2016), doi:10.1007/s00028-015-0312-4.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
98. Erbay H. A., Erbay S., Erkip A., *Derivation of Generalized Camassa-Holm Equations from Boussinesq-type Equations*, **Journal of Nonlinear Mathematical Physics** **23** (2016), 314–322.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
99. Pan C., Zheng L., *Orbital stability of the smooth solitary wave with nonzero asymptotic value for the mCH equation*, **Journal of Nonlinear Mathematical Physics** **23** (2016), 423–438.
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
100. Zhang L., Zhang C., *New Asymptotical Stability and Uniformly Asymptotical Stability Theorems for Nonautonomous Difference Equations*, **Applied Mathematics** **7** (2016), 1023–1031.
Citeaza: Ionescu-Kruse D., *Liapunov's Direct Method for Birkhoffian Systems: Applications to Electrical Networks*, **Journal of Geometry and Physics** **57** (2007), 2213–2228.
101. Kistovich A. V., Chashechkin Yu. D., *Analytical models of stationary nonlinear gravitational waves*, **Water Resources** (2016), doi:10.1134/S0097807816120083.
Citeaza: Ionescu-Kruse D., *On the particle paths and the stagnation points in small-amplitude deep-water waves*, **Journal of Mathematical Fluid Mechanics** **15** (2013), 41–54.
102. Erbay H. A., Erbay S., Erkip A., *The Camassa-Holm equation as the long-wave limit of the improved Boussinesq equation and of a class of nonlocal wave equations*, **arXiv:1601.02154** (2016), 1–24.

Cited: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.

103. J. Andrade, *Rudnick and Soundararajan's theorem for function fields*, **Finite Fields and their Applications** **37** (2016), pag. 311–327,
Citeaza: A. Diaconu, D. Goldfeld și J. Hoffstein, *Multiple Dirichlet series and moments of zeta and L-functions*, **Compos. Math.** **139** (2003), pag. 297–360.
104. Zhu, Pingping; Dai, Hui-Hui, *Wave Propagation in a Shape Memory Alloy Bar Under an Impulsive Loading*, **Journal of Applied Mechanics - Transactions of the ASME** **83** Issue 10 Article Number: 105502 (2016), pag. 1 – 6
Citeaza: C. Făciu, A. Molinari, *On the longitudinal impact of two phase transforming bars. Elastic versus a rate-type approach. Part I: The elastic case*, **International Journal of Solids and Structures** **43** (2006), pag. 497 – 522.
105. Zhu, Pingping; Dai, Hui-Hui, *Wave Propagation in a Shape Memory Alloy Bar Under an Impulsive Loading*, **Journal of Applied Mechanics - Transactions of the ASME** **83** Issue 10 Article Number: 105502 (2016), pag. 1 – 6
Citeaza: C. Făciu, A. Molinari, *On the longitudinal impact of two phase transforming bars. Elastic versus a rate-type approach. Part II: The rate-type case*, **International Journal of Solids and Structures** **43** (2006), pag. 523 – 550.
106. Pratt, Kyle; Shakan, George; Zaharescu, Alexandru, *A generalization of the Schur-Siegel-Smyth trace problem*, **J. Math. Anal. Appl.** **436**, no. 1 (2016), pag. 489 – 500
Citeaza: Stan, Florin; Zaharescu, Alexandru, *Siegel's trace problem and character values of finite groups*, **J. Reine Angew. Math.** **637** (2009), pag. 217 – 234
107. Ostvar, Sassan; Wood, Brian D., *A non-scale-invariant form for coarse-grained diffusion-reaction equations*, **JOURNAL OF CHEMICAL PHYSICS** Volume: 145 Issue: 11 Article Number: 114105 (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *A nonlocal convection-diffusion equation*, **JOURNAL OF FUNCTIONAL ANALYSIS** Volume: 251 Issue: 2 Pages: 399-437 (2007),
108. Li, Wan-Tong; Wang, Jia-Bing; Zhang, Li, *Entire solutions of nonlocal dispersal equations with monostable nonlinearity in space periodic habitats*, **JOURNAL OF DIFFERENTIAL EQUATIONS** Volume: 261 Issue: 4 Pages: 2472-2501 (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *A nonlocal convection-diffusion equation*, **JOURNAL OF FUNCTIONAL ANALYSIS** Volume: 251 Issue: 2 Pages: 399-437 (2007),
109. Radu, Petronela; Todorova, Grozdena; Yordanov, Borislav, *THE GENERALIZED DIFFUSION PHENOMENON AND APPLICATIONS*, **SIAM JOURNAL ON MATHEMATICAL ANALYSIS** Volume: 48 Issue: 1 Pages: 174-203 (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *A nonlocal convection-diffusion equation*, **JOURNAL OF FUNCTIONAL ANALYSIS** Volume: 251 Issue: 2 Pages: 399-437 (2007),

110. Huang, Rui; Mei, Ming; Zhang, Kaijun; et al., ASYMPTOTIC STABILITY OF NON-MONOTONE TRAVELING WAVES FOR TIME-DELAYED NONLOCAL DISPERSION EQUATIONS, **DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS** Volume: **36** Issue: **3** Pages: **1331-1353** (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *A nonlocal convection-diffusion equation*, **JOURNAL OF FUNCTIONAL ANALYSIS** Volume: **251** Issue: **2** Pages: **399-437** (2007),
111. Chen, Yujuan; Zhu, Yueping, Blow-up results for evolution problems with inhomogeneous nonlocal diffusion, **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS** Volume: **444** Issue: **1** Pages: **452-463** (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *Refined asymptotic expansions for nonlocal diffusion equations*, **Journal Of Evolution Equations** Volumen: **8** (2008), pag. 617-629
112. Cortazar, Carmen; Elgueta, Manuel; Quiros, Fernando; et al., Asymptotic behavior for a nonlocal diffusion equation in exterior domains: The critical two-dimensional case, **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS** Volume: **436** Issue: **1** Pages: **586-610** (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *Refined asymptotic expansions for nonlocal diffusion equations*, **Journal Of Evolution Equations** Volumen: **8** (2008), pag. 617-629
113. Cortazar, Carmen; Elgueta, Manuel; Garcia-Melian, Jorge; et al., An inhomogeneous nonlocal diffusion problem with unbounded steps, **JOURNAL OF EVOLUTION EQUATIONS** Volume: **16** Issue: **1** Pages: **209-232** (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *Refined asymptotic expansions for nonlocal diffusion equations*, **Journal Of Evolution Equations** Volumen: **8** (2008), pag. 617-629
114. Cortazar, Carmen; Elgueta, Manuel; Quiros, Fernando; et al., ASYMPTOTIC BEHAVIOR FOR A ONE-DIMENSIONAL NONLOCAL DIFFUSION EQUATION IN EXTERIOR DOMAINS, **SIAM JOURNAL ON MATHEMATICAL ANALYSIS** Volume: **48** Issue: **3** Pages: **1549-1574** (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *Refined asymptotic expansions for nonlocal diffusion equations*, **Journal Of Evolution Equations** Volumen: **8** (2008), pag. 617-629
115. Radu, Petronela; Todorova, Grozdena; Yordanov, Borislav, THE GENERALIZED DIFFUSION PHENOMENON AND APPLICATIONS, **SIAM JOURNAL ON MATHEMATICAL ANALYSIS** Volume: **48** Issue: **1** Pages: **174-203** Published: **2016** (2016),
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *Refined asymptotic expansions for nonlocal diffusion equations*, **Journal Of Evolution Equations** Volumen: **8** (2008), pag. 617-629
116. Yang, Fei-Ying; Li, Wan-Tong; Sun, Jian-Wen, PRINCIPAL EIGENVALUES FOR SOME NONLOCAL EIGENVALUE PROBLEMS AND APPLICATIONS. **DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS** Volume: **36** Issue: **7** Pages: **4027-4049** (2016).
Citeaza: Ignat, Liviu I.; Rossi, Julio D., *Decay estimates for nonlocal problems via energy methods*, **J. Math. Pures Appl.** (9), 92 (2009), no. 2, 163–187.
117. Kaufmann, Uriel; Rossi, Julio D.; Vidal, Raul, DECAY BOUNDS FOR NONLOCAL EVOLUTION EQUATIONS IN ORLICZ SPACES. **ANNALS OF FUNCTIONAL**

- ANALYSIS Volume: 7 Issue: 2 Pages: 261-269** (2016).
Citeaza: Ignat, Liviu I.; Rossi, Julio D, *Decay estimates for nonlocal problems via energy methods*, **J. Math. Pures Appl.** (9), 92 (2009), no. 2, 163–187.
118. Huang, Rui; Mei, Ming; Zhang, Kaijun; et al., ASYMPTOTIC STABILITY OF NON-MONOTONE TRAVELING WAVES FOR TIME-DELAYED NONLOCAL DISPERSION EQUATIONS, **DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS Volume: 36 Issue: 3 Pages: 1331-1353** (2016).
Citeaza: Ignat, Liviu I.; Rossi, Julio D, *Decay estimates for nonlocal problems via energy methods*, **J. Math. Pures Appl.** (9), 92 (2009), no. 2, 163–187.
119. Bugariu, Ioan Florin; Micu, Sorin; Roventa, Ionel, APPROXIMATION OF THE CONTROLS FOR THE BEAM EQUATION WITH VANISHING VISCOSITY, **MATHEMATICS OF COMPUTATION Volume: 85 Issue: 1 Pages: 2259-2303** (2016),
Citeaza: Ignat, Liviu I.; Zuazua, Enrique, *NUMERICAL DISPERSIVE SCHEMES FOR THE NONLINEAR SCHRÖDINGER EQUATION*, **SIAM JOURNAL ON NUMERICAL ANALYSIS Volume: 47 Issue: 2 Pages: 1366-1390** (2009),
120. Del Pezzo, Leandro M.; Rossi, Julio D, The first eigenvalue of the Laplacian on quantum graphs, **ANALYSIS AND MATHEMATICAL PHYSICS Volume: 6 Issue: 4 Pages: 365-391** (2016),
Citeaza: Banica, Valeria; Ignat, Liviu I. *Dispersion for the Schrödinger equation on networks.*, **J. Math. Phys.** (2011), no. 8, 083703, 14 pp.
121. Berestycki, Henri; Coville, Jerome; Vo, Hoang-Hung, On the definition and the properties of the principal eigenvalue of some nonlocal operators. **JOURNAL OF FUNCTIONAL ANALYSIS Volume: 271 Issue: 10 Pages: 2701-2751** (2016)
Citeaza: Ignat, Liviu I.; Rossi, Julio D.; San Antolin, Angel *Lower and upper bounds for the first eigenvalue of nonlocal diffusion problems in the whole space.*, **JOURNAL OF DIFFERENTIAL EQUATIONS Volume: 252 Issue: 12 Pages: 6429-6447**, (2012)
122. Berestycki, Henri; Coville, Jerome; Vo, Hoang-Hung, Persistence criteria for populations with non-local dispersion. **JOURNAL OF MATHEMATICAL BIOLOGY Volume: 72 Issue: 7 Pages: 1693-1745** (2016)
Citeaza: Ignat, Liviu I.; Rossi, Julio D.; San Antolin, Angel *Lower and upper bounds for the first eigenvalue of nonlocal diffusion problems in the whole space.*, **JOURNAL OF DIFFERENTIAL EQUATIONS Volume: 252 Issue: 12 Pages: 6429-6447**, (2012)
123. Dantas, Christine C., An Inhomogeneous Space-Time Patching Model Based on a Nonlocal and Nonlinear Schrödinger Equation, **FOUNDATIONS OF PHYSICS Volume: 46 Issue: 10 Pages: 1269-1292** (2016),
Citeaza: Ignat, Liviu I., *Fully discrete schemes for the Schrödinger equation. Dispersive properties*, **MATHEMATICAL MODELS & METHODS IN APPLIED SCIENCES Volume: 17 Issue: 4 Pages: 567-591** (2007),
124. Allahverdi, Navid; Pozo, Alejandro; Zuazua, Enrique, Numerical aspects of sonic-boom minimization, **PANORAMA OF MATHEMATICS: PURE AND APPLIED Book**

- Series: Contemporary Mathematics Volume: 658 Pages: 267-279** (2016),
Citeaza: Ignat, Liviu I.; Zuazua, Enrique, Asymptotic expansions for anisotropic heat kernels, JOURNAL OF EVOLUTION EQUATIONS Volume: 13 (2013), Issue: 1 Pages: 1-20
125. Li, Shoufu, Canonical Euler splitting method for nonlinear composite stiff evolution equations, **APPLIED MATHEMATICS AND COMPUTATION Volume: 289 Pages: 220-236** (2016),
Citeaza: Ignat, Liviu I., A splitting method for the nonlinear Schrodinger equation, JOURNAL OF DIFFERENTIAL EQUATIONS Volume: 250 Issue: 7 Pages: 3022-3046 (2011),
126. Eilinghoff, Johannes; Schnaubelt, Roland; Schratz, Katharina, Fractional error estimates of splitting schemes for the nonlinear Schrodinger equation, **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 442 Issue: 2 Pages: 740-760** (2016),
Citeaza: Ignat, Liviu I., A splitting method for the nonlinear Schrodinger equation, JOURNAL OF DIFFERENTIAL EQUATIONS Volume: 250 Issue: 7 Pages: 3022-3046 (2011),
127. P. Caro, T. Helin, M. Lassas, Inverse scattering for a random potential, **Preprint arXiv:1605.08710** (2016).
Citeaza: I. Belitiță, A. Melin, Local smoothing for the backscattering transform. Comm. Partial Differential Equations 34 (2009), no. 1-3, 233–256.
128. K. Rhofir and M. Laaraj, Asynchronous Overlapping Weighted Multi-Subdomain Decomposition for Elliptic Problem, **International Journal of Mathematical Analysis, 10, 20** (2016), pag. 981 - 999
Citeaza: L. Badea, A generalization of the Schwarz alternating method to an arbitrary number of subdomains, Numer. Math., 55 (1989), pag. 61-81
129. L. Djemaoune and M. Haiour, Overlapping Domain Decomposition Method for a Nonconvex System of Quasi-Variational Inequalities Related to the Hamilton Jacobi Bellman Equation, **Computational Mathematics and Modeling, 27, 2** (2016), pag. 217-227
Citeaza: L. Badea, On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems, SIAM J. Numer. Anal., vol. 28, no. 1 (1991), pag. 179-204
130. S. G. From, Some new generalizations of Jensens inequality with related results and applications, *The Australian Journal of Mathematical Analysis and Applications*, 13, 1 (2016), pag. Article 1
Citeaza: L. Badea, On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems, SIAM J. Numer. Anal., vol. 28, no. 1 (1991), pag. 179-204
131. A. Harbi, Maximum norm analysis of a nonmatching grids method for a class of variational inequalities with nonlinear source terms, **Journal of Inequalities and Applications** (2016), pag. 2016:181 (DOI 10.1186/s13660-016-1110-4)
Citeaza: L. Badea, On the Schwarz alternating method with more than two subdomains

- for nonlinear monotone problems, **SIAM J. Numer. Anal.**, vol. **28**, no. **1** (1991), pag. 179-204
132. C. Negrello, P. Gosselet, C. Rey and J. Pebrele, Substructured formulations of nonlinear structure problems - influence of the interface condition, **Int. J. Numer. Meth. Engng.** (2016), pag. DOI: 10.1002/name.5195
Citeaza: L. Badea, *On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems*, **SIAM J. Numer. Anal.**, vol. **28**, no. **1** (1991), pag. 179-204
133. K. Rhofir and M. Laaraj, Asynchronous Overlapping Weighted Multi-Subdomain Decomposition for Elliptic Problems, **International Journal of Mathematical Analysis**, **10**, **20** (2016), pag. 981 - 999
Citeaza: L. Badea, *On the Schwarz alternating method with more than two subdomains for nonlinear monotone problems*, **SIAM J. Numer. Anal.**, vol. **28**, no. **1** (1991), pag. 179-204
134. R. Krause, A. Rigazzi and J. Steiner, A parallel multigrid method for constrained minimization problems and its application to friction, contact, and obstacle problems, **Computing and Visualization in Science**, **18**, **1** (2016), pag. 1-15
Citeaza: L. Badea and J. Wang, *An Additive Schwarz method for variational inequalities*, **Math. of Comp.**, **69**, **232** (2000), pag. 1341-1354
135. R. Krause, A. Rigazzi and J. Steiner, A parallel multigrid method for constrained minimization problems and its application to friction, contact, and obstacle problems, **Computing and Visualization in Science**, **18**, **1** (2016), pag. 1-15
Citeaza: L. Badea, X.-C. Tai and J. Wang, *Convergence rate analysis of a multiplicative Schwarz method for variational inequalities*, **SIAM J. Numer. Anal.**, **41**, **3** (2003), pag. 1052-1073
136. S.-L. Xie, H.-R. Xu and J.-P. Zeng, Two-step modulus-based matrix splitting iteration method for a class of nonlinear complementarity problems, **Linear Algebra and its Applications**, **494** (2016), pag. 1-10
Citeaza: L. Badea, X.-C. Tai and J. Wang, *Convergence rate analysis of a multiplicative Schwarz method for variational inequalities*, **SIAM J. Numer. Anal.**, **41**, **3** (2003), pag. 1052-1073
137. R. Krause, A. Rigazzi and J. Steiner, A parallel multigrid method for constrained minimization problems and its application to friction, contact, and obstacle problems, **Computing and Visualization in Science**, **18**, **1** (2016), pag. 1-15
Citeaza: L. Badea, *Convergence rate of a multiplicative Schwarz method for strongly nonlinear variational inequalities*, **Analysis and Optimization of Differential Systems**, V. Barbu, et al. (Eds), **Kluwer Academic Publishers**, (2003), pag. 31-42
138. A. A. Dosiyevev, H. M. M. Sadeghi, On a highly accurate approximation of the first and pure second derivatives of the Laplace equation in a rectangular parallelepiped, **Advances in Difference Equations**, **2016**:145 (2016), pag. DOI: 10.1186/s13662-016-0868-5
Citeaza: L. Badea, *On the Schwarz-Neumann method with an arbitrary number of domains*, **IMA J. Num. Anal.**, **24** (2004), pag. 215-238

139. Y. Othmani, et al., Analysis of the effective thermoelastic properties and stress fields in silicon nitride based on EBSD data, **Journal of the European Ceramic Society**, **36**, **5** (2016), pag. 1109-1125
Citeaza: R. Brenner, O. Castelnau and L. Badea, *Mechanical field fluctuations in polycrystals estimated by homogenization techniques*, **Proc. R. Soc. Lond. A**, **460** (2004), pag. 3589-3612
140. H. Attouch, L. M. Briceno-Arias and P. L. Combettes, A Strongly Convergent Primal-Dual Method for Nonoverlapping Domain Decomposition, **Numerische Mathematik**, **133**, **3** (2016), pag. 443-470
Citeaza: 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
141. M. Alvarez, G. N. Gatica and R. Ruiz-Baierd, A vorticity-based fully-mixed formulation for the 3D Brinkman-Darcy problem, **Comput. Methods Appl. Mech. Engrg.**, **307** (2016), pag. Comput. Methods Appl. Mech. Engrg., 307
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
142. J. Camano, R. Oyaruz and G. Tierra, Analysis of an augmented mixed-FEM for the Navier-Stokes problem, **Mathematics of Computation** (2016),
<http://dx.doi.org/10.1090/mcom/3124>
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
143. M. Discacciati and R. Oyarzúa, A conforming mixed finite element method for the Navier-Stokes/Darcy coupled problem, **Numer. Math.**, **06** (2016), DOI:10.1007/s00211-016-0811-4
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
144. P. Huang, M. Cai and F. Wang, A Newton type linearization based two grid method for coupling fluid flow with porous media flow, **Applied Numerical Mathematics** (2016), <http://dx.doi.org/10.1016/j.apnum.2016.04.003>
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
145. J. Hou, M. Qiu, X. He, C. Guo, M. Wei and B. Bai, A Dual-Porosity-Stokes Model and Finite Element Method for Coupling Dual-Porosity Flow and Free Flow, **SIAM J. Sci. Comput.**, **38**, **5** (2016), pag. B710-B739
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
146. N. Perovic, J. Frisch, A. Salama, S. Sun, E. Rank, R.-P. Mundani, Multi-scale high-performance fluid flow: Simulations through porous media, **Advances in Engineering Software** (2016), DOI: 10.1016/j.advengsoft.2016.07.016
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227

147. S. S. Ravindran, A second-order backward difference time-stepping scheme for penalized Navier-Stokes equations modeling filtration through porous media, **Numerical Methods for Partial Differential Equations** (2016), DOI: 10.1002/num.22029.
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
148. J. Zhao and T. Zhang, Two-Grid Finite Element Methods for the Steady Navier-Stokes/Darcy Model, **East Asian Journal on Applied Mathematics**, **6**, **1** (2016), pag. 60-79
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
149. M. Hintermüller and S. Rösel, A duality-based path-following semismooth Newton method for elasto-plastic contact problems, **Journal of Computational and Applied Mathematics**, **292** (2016), pag. 150-173
Citeaza: L. Badea and 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
150. R. Krause, A. Rigazzi and J. Steiner, A parallel multigrid method for constrained minimization problems and its application to friction, contact, and obstacle problems, **Computing and Visualization in Science**, **18**, **1** (2016), pag. 1-15
Citeaza: L. Badea and 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
151. R. Krause, A. Rigazzi and J. Steiner, A parallel multigrid method for constrained minimization problems and its application to friction, contact, and obstacle problems, **Computing and Visualization in Science**, **18**, **1** (2016), pag. 1-15
Citeaza: L. Badea, *Multigrid methods for some quasi-variational inequalities*, **Discrete and Continuous Dynamical Systems - Series S**, **6**, **6** (2013), pag. 1457-1471
152. R. Krause, A. Rigazzi and J. Steiner, A parallel multigrid method for constrained minimization problems and its application to friction, contact, and obstacle problems, **Computing and Visualization in Science**, **18**, **1** (2016), pag. 1-15
Citeaza: L. Badea, *Global convergence rate of a standard multigrid method for variational inequalities*, **IMA J. Numer. Anal.**, **34**, **1** (2014), pag. 197-216
153. Jinwon Choi, Kiryong Chung, Moduli spaces of α -stable pairs and wall-crossing on \mathbb{P}^2 , **Journal of the Mathematical Society of Japan** **68** (2016), 685–709
Citează: Jinwon Choi, Mario Maican, *Torus action on the moduli spaces of torsion plane sheaves of multiplicity four*, **Journal of Geometry and Physics** **83** (2014), 18–35
154. Jinwon Choi, Kiryong Chung, Moduli spaces of α -stable pairs and wall-crossing on \mathbb{P}^2 , **Journal of the Mathematical Society of Japan** **68** (2016), 685–709
Citează: Jean-Marc Drézet, Mario Maican, *On the geometry of the moduli spaces of semi-stable sheaves supported on plane quartics*, **Geometriae Dedicata** **152** (2011), 17–49
155. Jinwon Choi, Kiryong Chung, Moduli spaces of α -stable pairs and wall-crossing on \mathbb{P}^2 , **Journal of the Mathematical Society of Japan** **68** (2016), 685–709
Citează: Mario Maican, *A duality result for moduli spaces of semistable sheaves supported*

on projective curves, **Rendiconti del Seminario Matematico della Università di Padova** **123** (2010), 55–68

156. Jinwon Choi, Kiryong Chung, Moduli spaces of α -stable pairs and wall-crossing on \mathbb{P}^2 , **Journal of the Mathematical Society of Japan** **68** (2016), 685–709
Citează: Mario Maican, *On the moduli spaces of semi-stable plane sheaves of dimension one and multiplicity five*, **Illinois Journal of Mathematics** **55** (2011), 1467–1532
157. Jinwon Choi, Kiryong Chung, Moduli spaces of α -stable pairs and wall-crossing on \mathbb{P}^2 , **Journal of the Mathematical Society of Japan** **68** (2016), 685–709
Citează: Mario Maican, *The homology groups of certain moduli spaces of plane sheaves*, **International Journal of Mathematics** **24** (2013), Article ID 1350098, 42 p.
158. F. Loray, J. V. Pereira, F. Touzet, Representations of quasi-projective groups, flat connections and transversely projective foliations, **J. Éc. polytech. Math.** **3** (2016), pag. 263 – 308.
Citează: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
159. A. Dimca, D. Ibadula, Denis, A. Macinic, Pencil-type line arrangements of low degree: classification and monodromy, **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) **15** (2016), pag. 249–267.
Citează: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
160. Ki Hyoung Ko, Joon Hyun La, Hyo Won Park, Graph 4-braid groups and Massey products, **Topology Appl.** **197** (2016), pag. 133–153.
Citează: D. Matei, *Massey products of complex hypersurface complements*, **Adv. Stud. Pure Math.** **43**, pag. 205–219, Math. Soc. Japan, Tokyo, 2006.
161. Ki Hyoung Ko, Joon Hyun La, Hyo Won Park, Graph 4-braid groups and Massey products, **Topology Appl.** **197** (2016), pag. 133–153.
Citează: D. Matei, A. I. Suciu, *Cohomology rings and nilpotent quotients of real and complex arrangements*, **Adv. Stud. Pure Math.**, pag. 185–215, Kinokuniya, Tokyo, 2000.
162. J. Ueki, On the Iwasawa -invariants of branched \mathbb{Z}_p -covers, **Proc. Japan Acad. Ser. A Math. Sci.** **92** (2016), pag. 67–72.
Citează: J. Hillman, D. Matei, M. Morishita, *Pro- p link groups and p -homology groups*, **Contemp. Math.** **416** (2006), pag. 121 – 136.
163. Y. Liu, Nearby cycles and Alexander modules of hypersurface complements, **Adv. Math.** **291** (2016), pag. 330 – 361
Citează: L. Maxim, *Intersection homology and Alexander modules of hypersurface complements*, **Comm. Math. Helv.** **81** (2006), pag. 123 – 155.
164. Y. Liu, Nearby cycles and Alexander modules of hypersurface complements, **Adv. Math.** **291** (2016), pag. 330 – 361
Citează: Y. Liu, L. Maxim, *Reidemeister torsion, peripheral complex and Alexander polynomials of hypersurface complements*, **Algebr. Geom. Topol.** **15** (2015), pag. 2757 – 2787.

165. Y. Liu, Nearby cycles and Alexander modules of hypersurface complements, **Adv. Math.** **291** (2016), pag. 330 – 361
Citeaza: L. Maxim, *A decomposition theorem for the peripheral complex associated with hypersurfaces*, **Int. Math. Res. Not.** **2005** (2005), pag. 2627 – 2656.
166. K. Nakamoto, T. Torii, Virtual Hodge polynomials of the moduli spaces of representations of degree 2 for free monoids, **Kodai Math. J.** **39** (2016), pag. 80 – 109
Citeaza: S. Cappell, A. Libgober, L. Maxim, J. Shaneson, *Hodge genera of algebraic varieties. II.*, **Math. Ann.** **345** (2009), pag. 925 – 972.
167. T. Krämer, Characteristic classes and Hilbert-Poincaré series for perverse sheaves on abelian varieties, **Selecta Math. (N.S.)** **22** (2016), pag. 1337 – 1356
Citeaza: L. Maxim,, J. Schürmann, *Twisted genera of symmetric products*, **Selecta Math. (N.S.)** **18** (2012), pag. 283 – 317.
168. A. Weber, Equivariant Hirzebruch class for singular varieties, **Selecta Math. (N.S.)** **22** (2016), pag. 1413 – 1454
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Hirzebruch-Milnor classes of complete intersections*, **Adv. Math.** **241** (2013), pag. 220 – 245
169. Q.-G. Chen and D.-G. Wang, A class of coquasitriangular Hopf group algebras, **Comm. Algebra.** **44** (2016), pag. 310335.
Citeaza: Mihai Staic, *A note on anti-Yetter-Drinfeld modules*, **Contemp. Math.**, **441** (2007), pag. 149–153.
Citeaza: Florin Panaite and Mihai Staic, *Generalized (anti) Yetter-Drinfeld modules as components of a braided T-category*, **Israel J. Math.** **158** (2007), pag. 349–365.
170. Xiaofan Zhao, and Xiaohui Zhang, Lazy 2-cocycles over monoidal Hom-Hopf algebras, **Colloq. Math.** **142** (2016), pag. 6181.
Citeaza: Florin Panaite, Mihai Staic and Freddy Van Oystaeyen, *On some classes of lazy cocycles and categorical structures*, **J. Pure Appl. Algebra** **209** (2007), pag. 687–701.
171. JianCai Sun, Twistors for modules over algebras, **Sci. China Math.** **59** (2016), pag. 13271344.
Citeaza: Florin Panaite, Mihai Staic and Freddy Van Oystaeyen, *Pseudosymmetric braidings, twines and twisted algebras*, **J. Pure Appl. Algebra** **214** (2010), pag. 867–884.
172. Igor E. Shparlinski, Kam-hung Yau, Bounds of double multiplicative character sums and gaps between residues of exponential functions, **Journal of Number Theory** **167** (2016), pag. 304 – 316
Citeaza: M Vâjâitu, A Zaharescu, *Differences between powers of a primitive root*, **IJMMS** **29:6** (2002), pag. 325 – 331
173. Nicolae Ciprian Bonciocat, An irreducibility criterion for the sum of two relatively prime polynomials, **Funct. Approx. Comment. Math.** **54** (2016), pag. 163 – 171
Citeaza: M. Cavachi, M. Vâjâitu and A. Zaharescu, *A class of irreducible polynomials*, **J. Ramanujan Math. Soc.** **17** (2002), pag. 161 – 172

174. Nicolae Ciprian Bonciocat, Yann Bugeaud, Mihai Cipu, Maurice Mignotte, Irreducibility criteria for compositions of polynomials with integer coefficients, **Monatshefte für Mathematik** doi:10.1007/s00605-016-0890-4 (2016)
Citeaza: M. Cavachi, M. Vâjâitu and A. Zaharescu, *A class of irreducible polynomials*, **J. Ramanujan Math. Soc.** **17** (2002), pag. 161 – 172
175. Cristian Cobeli, Mihai Prunescu, Alexandru Zaharescu, A growth model based on the arithmetic Z-game, **Chaos, Solitons and Fractals** **91** (2016), pag. 136 – 147
Citeaza: G. Groza, M Vâjâitu, A Zaharescu, *Primitive arcs on elliptic curves*, **Revue Roumaine** **50** (2005), pag. 31 – 38
176. S Pujahari, Distribution of gaps of eigenangles of Hecke operators, **arXiv:1603.06249** (2016), pag. 1 – 24
Citeaza: M Vâjâitu, A Zaharescu, *Distinct gaps between fractional parts of sequences*, **Proceedings of the American Mathematical Society** **130** (2002), pag. 3447 – 3452
177. J. Zemlicka, On socle chains of semiartinian rings with primitive factors artinian, **Lobachevskii J. Math.** **37** (2016), pag. 316–322
Citează: C. Năstăsescu, N. Popescu, *Anneaux semi-artiniens*, **Bull. Soc. Math. France** **96** (1968), pag. 357–368
178. X. Fu, H. Yao, On Gorenstein coalgebras, **Front. Math. China** **11** (2016), pag. 845–867
Citează: S. Dăscălescu, C. Năstăsescu, Ş. Raianu, F. Van Oystaeyen, *Graded coalgebras and Morita-Takeuchi contexts*, **Tsukuba J. Math.** **19** (1995), pag. 395–407
179. X. Fu, H. Yao, On Gorenstein coalgebras, **Front. Math. China** **11** (2016), pag. 845–867
Citează: J. Gómez-Torrecillas, C. Năstăsescu, *Quasi-co-Frobenius coalgebras*, **J. Algebra** **174** (1995), pag. 900–923
180. X. Fu, H. Yao, On Gorenstein coalgebras, **Front. Math. China** **11** (2016), pag. 845–867
Citează: C. Năstăsescu, B. Torrecillas, Y.H. Zhang, *Hereditary coalgebras*, **Comm. Algebra** **24** (1994), pag. 1521–1528
181. Z. Zhang, A matrix description for K_1 of graded rings, **Isr. J. Math.** **211** (2016), pag. 45–66
Citează: S. Dăscălescu, B. Ion, C. Năstăsescu, J. Rios Montes, *Group gradings on full matrix rings*, **J. Algebra** **220** (1999), pag. 709–728
182. L. Positselski, Dedualizing complexes and MGM duality, **J. Pure Appl. Algebra** **220** (2016), pag. 3866–3909
Citează: J. Gómez-Torrecillas, C. Năstăsescu, B. Torrecillas, *Localizations in coalgebras: Applications to finiteness conditions*, **J. Algebra Appl.** **6** (2007), pag. 233–243
183. M. Dumitru, D. Joița, L. Năstăsescu, Calculus of functorial morphisms, **Comm. Algebra** **44** (2016), pag. 1952–1960
Citează: J. Gómez-Torrecillas, C. Năstăsescu, *Colby-Fuller duality between coalgebras*, **J. Algebra** **185** (1996), pag. 527–543

184. S. Dăscălescu, C. Năstăsescu, L. Năstăsescu, Symmetric algebras in categories of corepresentations and smash products, **J. Algebra** **465** (2016), pag. 62–80
Citează: S. Dăscălescu, C. Năstăsescu, L. Năstăsescu, *Frobenius algebras of corepresentations and group graded vector spaces*, **J. Algebra** **406** (2014), pag. 226–250
185. M.G. Corrales García, D. Martín Barquero, C. Martín González, M. Siles Monlina, J.F. Solanilla Hernández, Extreme cycles. The center of a Leavitt path algebra, **Publ. Math.** **60** (2016), pag. 235–263
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
186. Y. Bahturin, M. Zaicev, Simple graded division algebras over the field of real numbers, **Linear Algebra Appl.** **490** (2016), pag. 102–123
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
187. K.M. Rangaswamy, Leavitt path algebras with finitely presented irreducible representations, **J. Algebra** **447** (2016), pag. 624–648
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
188. R. Hazrat, K.M. Rangaswamy, On graded irreducible representations of Leavitt path algebras, **J. Algebra** **450** (2016), pag. 458–486
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
189. K. Al-Zoubi, M. Al-Dolat, On graded classical primary submodules, **Adv. Pure Appl. Math.** **7** (2016), pag. 93–96
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
190. T. Brzeziński, Circle and line bundles over generalized Weyl algebras, **Algebr. Represent. Theor.** **19** (2016), pag. 57–69
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
191. A. Rodrigo-Escudero, Classification of division gradings on finite-dimensional simple real algebras, **Linear Algebra Appl.** **493** (2016), pag. 164–182
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
192. E. Andreu Juan, M. Saorín, Pseudo-Frobenius graded algebras with enough idempotents, **Comm. Algebra** **44** (2016), pag. 2305–2335
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library **28**, North-Holland Publishing Co., Amsterdam, New York (1982)
193. Z. Zhang, A matrix description for K_1 of graded rings, **Isr. J. Math.** **211** (2016), pag. 45–66
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)

194. Y. Bahturin, M. Zaicev, Simple graded division algebras over the field of real numbers, **Linear Algebra Appl.** **490** (2016), pag. 102–123
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
195. M. Chlouveraki, N. Jacon, On quantized decomposition maps for graded algebras, **Algebr. Represent. Theor.** **19** (2016), pag. 135–146
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
196. S. Lyle, O. Ruff, Graded decomposition numbers of Ariki-Koike algebras for blocks of small weight, **J. Pure Appl. Algebra** **220** (2016), pag. 2112–2142
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
197. C. Boys, Alternating quiver Hecke algebras, **J. Algebra** **449** (2016), pag. 246–263
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
198. M. Dumitru, L. Năstăsescu, B. Toader, Graded near-rings, **An. Ştiinţ. Univ. ”Ovidius” Constanţa Ser. Mat.** **24** (2016), pag. 201–216
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
199. D.E. Radford, Biproducts and Kashina’s examples, **Comm. Algebra** **44** (2016), pag. 174–204
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)
200. E. Batista, J. Vercauysse, Dual constructions for partial actions of Hopf algebras, **J. Algebra** **220** (2016), pag. 518–559
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)
201. A.H. Abdulwahid, M.C. Iovanov, Generators for comonoids and universal constructions, **Arch. Math.** **106** (2016), pag. 21–33
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)
202. J. Wu, Note on the coradical filtration of $D(m, d, \xi)$, **Comm. Algebra** **44** (2016), pag. 4844–4850
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)
203. M. Khovanov, Hopfological algebra and categorification at a root of unity: The first steps, **J. Knot Theory Ramifications** **25** (2016), No. 3

- 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)
204. L. Poincot, H.-E. Porst, The dual rings of an R -coring revisited, **Comm. Algebra** **44** (2016), pag. 944–964
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)
205. M. Dumitru, D. Joița, L. Năstăsescu, Calculus of functorial morphisms, **Comm. Algebra** **44** (2016), pag. 1952–1960
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)
206. M. Crumley, Generic representation theory of the unipotent upper triangular groups, **Comm. Algebra** **44** (2016), pag. 3349–3382
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)
207. T. Albu, M. Iosif, New results on C_{11} and C_{12} lattices with applications to Grothendieck categories and torsion theories, **Front. Math. China** **11** (2016), pag. 815–828
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, D. Reidel Publishing Company, Dordrecht, Boston, Lancaster, Tokyo (1987)
208. H. Schoutens, The theory of ordinal length, **Beitr. Algebra. Geom.** **57** (2016), pag. 67–118
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, D. Reidel Publishing Company, Dordrecht, Boston, Lancaster, Tokyo (1987)
209. M. Hamouda, C. Y. Jung, R. Temam: Boundary layers for the 3D primitive equations in a cube: the supercritical modes. **Nonlinear Anal.** **132** (2016), 288–317
Citeaza: A. Huang, M. Petcu, R. Temam. The nonlinear 2D supercritical inviscid shallow water equations in a rectangle, *Asymptotic Analysis*, **93** (2015), no.3, 187–218.
210. M. Hamouda, C. Y. Jung, R. Temam: Existence and regularity results for the inviscid primitive equations with lateral periodicity. **Appl. Math. Optim.**, **73** (2016), no. 3, 501–522
Citeaza: A. Bousquet, M. Petcu, M. C. Shiue, R. Temam, J. Tribbia. Boundary conditions for limited area models based on the shallow water equations. *Commun. Comput. Phys.* **14** (2013), no. 3, 664–702
211. D. C. Antonopoulos, V. A. Dougalis: Error estimates for the standard Galerkin-finite element method for the shallow water equations. **Math. Comp.**, **85** (2016), no. 299, 1143–1182
Citeaza: M. Petcu, R. Temam, The one dimensional shallow water equations with Dirichlet boundary conditions on the velocity. *Discrete Contin. Dyn. Syst. Ser. S* **4** (2011), no. 1, 209–222.

212. P. F. Antonietti, M. Grasselli, S. Stangalino, M. Verani. Discontinuous Galerkin approximation of linear parabolic problems with dynamic boundary conditions. **J. Sci. Comput.**, 66 (2016), no. 3, 1260–1280
Citeaza: L. Cherfils, M. Petcu, M. Pierre. A numerical analysis of the Cahn-Hilliard equation with dynamic boundary conditions. *Discrete Contin. Dyn. Syst.* 27 (2010), no. 4, 1511–1533
213. I. Kukavica, M. C. Lombardo, M. Sammartino: viscosity limit for analytic solutions of the primitive equations. **Arch. Ration. Mech. Anal.**, 222 (2016), no. 1, 15–45
Citeaza: M. Petcu, R. Temam, M. Ziane. Some mathematical problems in geophysical fluid dynamics. Handbook of numerical analysis. Vol. XIV. Special volume: computational methods for the atmosphere and the oceans, 577–750, *Handb. Numer. Anal.*, 14, Elsevier/North-Holland, Amsterdam, 2009
214. M. Hieber, T. Kashiwabara. Global strong well-posedness of the three dimensional primitive equations in L^p -spaces. **Arch. Ration. Mech. Anal.**, 221 (2016), no. 3, 1077–1115
Citeaza: M. Petcu, R. Temam, M. Ziane. Some mathematical problems in geophysical fluid dynamics. Handbook of numerical analysis. Vol. XIV. Special volume: computational methods for the atmosphere and the oceans, 577–750, *Handb. Numer. Anal.*, 14, Elsevier/North-Holland, Amsterdam, 2009
215. M. Hamouda, C. Y. Jung, R. Temam. Boundary layers for the 3D primitive equations in a cube: the supercritical modes. **Nonlinear Anal.**, 132 (2016), 288–317
Citeaza: M. Petcu, R. Temam, M. Ziane. Some mathematical problems in geophysical fluid dynamics. Handbook of numerical analysis. Vol. XIV. Special volume: computational methods for the atmosphere and the oceans, 577–750, *Handb. Numer. Anal.*, 14, Elsevier/North-Holland, Amsterdam, 2009
216. X. Deng, X. C. Cai, J. Zou: Two-level space-time domain decomposition methods for three-dimensional unsteady inverse source problems. **J. Sci. Comput.**, 67 (2016), no. 3, 860–882
Citeaza: M. Gander, M. Petcu: Analysis of a Krylov subspace enhanced parareal algorithm for linear problems. Paris-Sud Working Group on Modelling and Scientific Computing 2007–2008, 114–129, *ESAIM Proc.*, 25, EDP Sci., Les Ulis, 2008
217. I. Kukavica, M. C. Lombardo, M. Sammartino: Zero viscosity limit for analytic solutions of the primitive equations. **Arch. Ration. Mech. Anal.**, 222 (2016), no. 1, 15–45
Citeaza: M. Petcu, D. Wirosoetisno. Sobolev and Gevrey regularity results for the primitive equations in three space dimensions. *Appl. Anal.* 84 (2005), no. 8, 769–788
218. M. Arajo, M. Merkel, A. Öchsner, Laser Beam Drilling of Cellular Metals: Numerical Simulation, **Computational Modeling, Optimization and Manufacturing Simulation of Advanced Engineering Materials**, Springer (2016), pag. 271–297
Citeaza: D. Poliševki, *Steady convection in porous media, I. The solutions and their regularity*, **Int. J. Engng. Sci.**, 23(7), (1985), pag. 733–739
219. M. Arajo, M. Merkel, A. Öchsner, Laser Beam Drilling of Cellular Metals: Numerical Simulation, **Computational Modeling, Optimization and Manufacturing Simulation of Advanced Engineering Materials**, Springer (2016), pag. 271–297

- Citeaza*: D. Poliřevki, *Steady convection in porous media, II. The case of low Raleigh numbers and asymptotic expansions*, **Int. J. Engng. Sci.**, **23(7)** (1985), pag. 741–749
220. M. Arajo, M. Merkel, A. Öchsner, Laser Beam Drilling of Cellular Metals: Numerical Simulation, **Computational Modeling, Optimization and Manufacturing Simulation of Advanced Engineering Materials**, Springer (2016), pag. 271–297
Citeaza: D. Poliřevki, *Steady convection in porous media, III. The structure of the solutions*, **Int. J. Engng. Sci.**, **23(7)** (1985), pag. 751–757
221. G.A. Maugin, On Porous Media and Mixtures, **Continuum Mechanics through the Ages - From the Renaissance to the Twentieth Century**, Springer (2016), pag. 57-79
Citeaza: H.I. Ene, D. Poliřevki, *Thermal Flow in Porous Media*, Springer (D.Reidel Pub.Co., Dordrecht, Holland) (1987), 208 pages
222. A. H.-D. Cheng, Governing Equation, **Poroelasticity**, Springer (2016), pag. 189–228
Citeaza: H.I. Ene, D. Poliřevki, *Thermal Flow in Porous Media*, Springer (D.Reidel Pub.Co., Dordrecht, Holland) (1987), 208 pages
223. G. Degan, A. Sanya, C. Akowanou, Laminar film condensation along a vertical plate embedded in an anisotropic porous medium with oblique principal axes, **Heat and Mass Transfer**, **52(10)** (2016), pag. 2119-2128
Citeaza: H.I. Ene, D. Poliřevki, *Thermal Flow in Porous Media*, Springer (D.Reidel Pub.Co., Dordrecht, Holland) (1987), 208 pages
224. M. Engstrm, B. Nordell, Temperature-driven groundwater convection in cold climates, **Hydrogeology Journal**, **24(5)** (2016), pag. 1245–1253
Citeaza: H.I. Ene, D. Poliřevki, *Thermal Flow in Porous Media*, Springer (D.Reidel Pub.Co., Dordrecht, Holland) (1987), 208 pages
225. F. Mathieu-Potvin, The Method of Quasiperiodic Fields for Diffusion in Periodic Porous Media, **Chemical Engineering Journal**, **304** (2016), pag. 10451063
Citeaza: H.I. Ene, D. Poliřevki, *Thermal Flow in Porous Media*, Springer (D.Reidel Pub.Co., Dordrecht, Holland) (1987), 208 pages
226. G. Scovazzi, M. Wheeler, A. Mikelic, S. Lee, Analytical and variational numerical methods for unstable miscible displacement flows in porous media, **hal.archives-ouvertes.fr/hal-01380352** (2016), pag. 1–61
Citeaza: H.I. Ene, D. Poliřevki, *Thermal Flow in Porous Media*, Springer (D.Reidel Pub.Co., Dordrecht, Holland) (1987), 208 pages
227. G. Scovazzi, M. Wheeler, A. Mikelic, S. Lee, Analytical and variational numerical methods for unstable miscible displacement flows in porous media, **hal.archives-ouvertes.fr/hal-01380352** (2016), pag. 1–61
Citeaza: H.I. Ene, D. Poliřevki, *Steady convection in a porous layer with translational flow*, **Acta Mechanica**, **84** (1990), pag. 13–18
228. J.M. Arrieta, M. Villanueva-Pesqueira, Unfolding operator method for thin domains with a locally periodic highly oscillatory boundary, **SIAM J. Mathematical Analysis** **48(3)** (2016), pag. 1634–1671

- Citeaza*: D. Poliřevki, M.-L. Mascarenhas, *The warping, the torsion and the Neumann problem in a quasi-periodically perforated domain*, **Mathematical Modelling and Numerical Analysis (M^2AN)** **28(1)** (1994), pag. 37–57
229. M. Villanueva-Pesqueira, Homogenization of elliptic problems in thin domains with oscillatory boundaries, **Thesis, Univ. Complutense, Madrid, eprints.ucm.es** (2016), pag. 1-212
Citeaza: D. Poliřevki, M.-L. Mascarenhas, *The warping, the torsion and the Neumann problem in a quasi-periodically perforated domain*, **Mathematical Modelling and Numerical Analysis (M^2AN)** **28(1)** (1994), pag. 37–57
230. B. Amaziane, M. Jurak, L. Pankratov, A. Vrbaski, Homogenized model of immiscible incompressible two-phase flow in double porosity media : A new proof, **arXiv:1605.05984 [math.AP]** (2016), pag. 1–35
Citeaza: H.I. Ene, D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052–1059
231. R. Bunoiu, C. Timofte, Homogenization of a thermal problem with flux jump, **HAL-Inria preprint, hal.inria.fr/hal-01272936** (2016), pag. 1-23
Citeaza: H.I. Ene, D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052–1059
232. C. Timofte, Multiscale analysis of heat transfer problems in composite media, **Int. Symposium SVCS, svcs2016.iit.bme.hu/Papers** (2016), pag. 1–9
Citeaza: H.I. Ene, D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052–1059
233. N. Bengouga, F. Bentalha, Corrector for a diffusion process in a rarefied binary structure, **Asymptotic Analysis** **98(3)** (2016), pag. 257–284
Citeaza: F. Bentalha, I. Gruais, D. Poliřevki, *Homogenization of a conductive suspension in a Stokes-Boussinesq flow*, **Applicable Analysis**, **85(6-7)** (2006), pag. 811–830
234. N. Bengouga, F. Bentalha, Corrector for a diffusion process in a rarefied binary structure, **Asymptotic Analysis** **98(3)** (2016), pag. 257–284
Citeaza: F. Bentalha, I. Gruais, D. Poliřevki, *Asymptotics of a thermal flow with highly conductive suspensions*, **Anal.Univ.Bucuresti, Ser.Mat.55(1)** (2006), pag. 17–26
235. N. Bengouga, F. Bentalha, Corrector for a diffusion process in a rarefied binary structure, **Asymptotic Analysis** **98(3)** (2016), pag. 257–284
Citeaza: F. Bentalha, I. Gruais, D. Poliřevki, *Diffusion process in a rarefied binary structure*, **Rev. Roum. Math. Pures et Appl.** **52(2)** (2007), pag. 129–149
236. N. Bengouga, F. Bentalha, Corrector for a diffusion process in a rarefied binary structure, **Asymptotic Analysis** **98(3)** (2016), pag. 257–284
Citeaza: F. Bentalha, I. Gruais, D. Poliřevki, *Diffusion in a highly rarefied binary structure of general periodic shape*, **Applicable Analysis** **87(6)** (2008), pag. 635–655
237. C. Timofte, Multiscale analysis of heat transfer problems in composite media, **Int. Symposium SVCS, svcs2016.iit.bme.hu/Papers** (2016), pag. 1–9
Citeaza: D. Poliřevski , R. Schiltz-Bunoiu , A. Stănescu, *Homogenization cases of heat*

- transfer in structures with interfacial barriers*, **Bulletin Mathématiques de la Société des Sciences Mathématiques de Roumanie** **58(106)(4)** (2015), pag. 463–473
238. R. Bunoiu, C. Timofte, Homogenization of a thermal problem with flux jump, **HAL-Inria preprint**, hal.inria.fr/hal-01272936 (2016), pag. 1-23
Citeaza: D. Poliřevski , R. Schiltz-Bunoiu , A. Stănescu, *Homogenization cases of heat transfer in structures with interfacial barriers*, **Bulletin Mathématiques de la Société des Sciences Mathématiques de Roumanie** **58(106)(4)** (2015), pag. 463–473
239. R. Bunoiu, C. Timofte, Homogenization of a diffusion problem with flux jump, , **Biomath Communications**, **3(1)** (2016), pag. 1–25
Citeaza: D. Poliřevski , R. Schiltz-Bunoiu , A. Stănescu, *Homogenization cases of heat transfer in structures with interfacial barriers*, **Bulletin Mathématiques de la Société des Sciences Mathématiques de Roumanie** **58(106)(4)** (2015), pag. 463–473
240. Dring, Lukas; Ignat, Radu: Asymmetric domain walls of small angle in soft ferromagnetic films. **Arch. Ration. Mech. Anal.** **220** (2016), no. 2, 889-936.
Citeaza: Boutet de Monvel-Berthier, Anne; Georgescu, Vladimir; Purice, Radu: A boundary value problem related to the Ginzburg-Landau model. **Comm. Math. Phys.** **142** (1991), no. 1, 1-23
241. Nistor, Victor: Analysis on singular spaces: Lie manifolds and operator algebras. **J. Geom. Phys.** **105** (2016), 75-101.
Citeaza: Mntoiu, Marius; Purice, Radu; Richard, Serge: Spectral and propagation results for magnetic Schrödinger operators; a C-algebraic framework. **J. Funct. Anal.** **250** (2007), no. 1, 42-67.
242. Boussad, Nabile; Comech, Andrew: On spectral stability of the nonlinear Dirac equation. **J. Funct. Anal.** **271** (2016), no. 6, 1462-1524.
Citeaza: Boutet de Monvel-Berthier, Anne; Manda, Dragos; Purice, Radu: Limiting absorption principle for the Dirac operator. **Ann. Inst. H. Poincaré Phys. Théor.** **58** (1993), no. 4, 413-431.
243. Miranda, Pablo: Eigenvalue asymptotics for a Schrödinger operator with non-constant magnetic field along one direction. **Ann. Henri Poincaré** **17** (2016), no. 7, 1713-1736.
Citeaza: Mntoiu, Marius; Purice, Radu: Some propagation properties of the Iwatsuka model. **Comm. Math. Phys.** **188** (1997), no. 3, 691-708.
244. Hislop, Peter D.; Popoff, Nicolas; Soccorsi, Eric: Characterization of bulk states in one-edge quantum Hall systems. **Ann. Henri Poincaré** **17** (2016), no. 1, 3-62.
Citeaza: Mntoiu, Marius; Purice, Radu: Some propagation properties of the Iwatsuka model. **Comm. Math. Phys.** **188** (1997), no. 3, 691-708.
245. Hislop, P. D.; Popoff, N.; Raymond, N.; Sundqvist, M. P.: Band functions in the presence of magnetic steps. **Math. Models Methods Appl. Sci.** **26** (2016), no. 1, 161-184.
Citeaza: Mntoiu, Marius; Purice, Radu: Some propagation properties of the Iwatsuka model. **Comm. Math. Phys.** **188** (1997), no. 3, 691-708.
246. Nistor, Victor: Analysis on singular spaces: Lie manifolds and operator algebras. **J. Geom. Phys.** **105** (2016), 75-101.

- Citeaza*: Mntoiu, Marius; Purice, Radu; Richard, Serge: Twisted crossed products and magnetic pseudodifferential operators. Advances in operator algebras and mathematical physics, 137-172, **Theta Ser. Adv. Math.**, **5**, Theta, Bucharest, 2005.
247. Bao, WeiZhu; Cai, YongYong; Jia, XiaoWei; Yin, Jia: Error estimates of numerical methods for the nonlinear Dirac equation in the nonrelativistic limit regime. **Sci. China Math.** **59** (2016), no. 8, 14611494.
Citeaza: Grigore, D. R.; Nenciu, G.; Purice, R.: On the nonrelativistic limit of the Dirac Hamiltonian. **Ann. Inst. H. Poincar Phys. Thor.** **51** (1989), no. 3, 231263.
248. Mantoiu, M.: Coorbit spaces of symbols for square integrable families of operators **Mathematical Reports** **18** no. 1 (2016).
Citeaza: Mantoiu, M; Purice, R: The magnetic Weyl calculus, **Journal of Mathematical Physics** **45** no. 4 (2004) Pages: 1394-1417. 3, 231263.
249. Mantoiu, M.: Coorbit spaces of symbols for square integrable families of operators **Mathematical Reports** **18** no. 1 (2016).
Citeaza: Iftimie, Viorel; Mantoiu, Marius; Purice, Radu: Magnetic pseudodifferential operators, **Publications RIMS** **43**, no. 3 (2007) Pages: 585-623.
250. Dos Santos, Mickael; Rodiac, Remy: Existence and non-existence results for minimizers of the Ginzburg-Landau energy with prescribed degrees, **Communications in Contemporary Mathematics** **18**, no. 5 (2016) Article Number: 1650017.
Citeaza: Boutet de Monvel-Berthier, Anne; Georgescu, Vladimir; Purice, Radu: A boundary value problem related to the Ginzburg-Landau model. **Comm. Math. Phys.** **142** (1991), no. 1, 1-23.
251. Tusek, Matej: On an extension of the Iwatsuka model Journal of Physics A-Mathematical and Theoretical **49**, no. 36 (2016) Article Number: 365205.
Citeaza: Mntoiu, Marius; Purice, Radu: Some propagation properties of the Iwatsuka model. **Comm. Math. Phys.** **188** (1997), no. 3, 691-708.
252. Mantoiu, M.: Coorbit spaces of symbols for square integrable families of operators **Mathematical Reports** **18** no. 1 (2016).
Citeaza: Mantoiu, M; Purice, R: On Fréchet-Hilbert algebras, **Archiv der Mathematik** **103**, no. 2 (2014) Pages: 157-166.
253. Mantoiu, M.: Coorbit spaces of symbols for square integrable families of operators **Mathematical Reports** **18** no. 1 (2016).
Citeaza: Mantoiu, M; Purice, R: Abstract composition laws and their modulation spaces, **Journal of Pseudodifferential Operators and Applications** **3**, no. 3 (2012) Pages: 283-307.
254. Cheng, Yi; Li, Cuiying Existence of solutions for some quasilinear degenerate elliptic inclusions in weighted Sobolev spaces, **Numer. Funct. Anal. Optim.** **37** (2016), pag. 40 – 50.
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.

255. Shi, Zhongrui; Wu, Shujun Existence of solutions for Kirchhoff type problems in Musielak-Orlicz-Sobolev spaces, **J. Math. Anal. Appl.** **436** (2016), pag. 1002 – 1016
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.
256. Correa, Francisco Julio S. A.; Costa, Augusto César dos Reis, Existence and multiplicity of solutions for nonlocal Neumann problem with non-standard growth, **Differential Integral Equations** **29** (2016), pag. 377 – 400.
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.
257. Vélin, J. Existence result for a gradient-type elliptic system involving a pair of $p(x)$ and $q(x)$ -Laplacian operators, **Complex Var. Elliptic Equ.** **61** (2016), pag. 644 – 681
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.
258. Dong, Ge; Fang, Xiaochun, Differential equations of divergence form in separable Musielak-Orlicz-Sobolev spaces, **Bound. Value Probl.** **2016:106** (2016), pag. 1-19
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.
259. Correa, Francisco Jlio S. A.; Carvalho, Marcos L. M.; Goncalves, José Valdo A.; Silva, Kaye O., On the existence of infinite sequences of ordered positive solutions of nonlinear elliptic eigenvalue problems, **Adv. Nonlinear Stud.** **16** (2016), no. 3, 439458.
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.
260. Stegliski, Robert On sequences of large homoclinic solutions for a difference equation on the integers involving oscillatory nonlinearities, **Electron. J. Qual. Theory Differ. Equ.** **2016, Paper No. 35** (2016), pag. 1 – 11
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.
261. Heidarkhani, Shapour; Ferrara, Massimiliano; Salari, Amjad; Caristi, Giuseppe, Multiplicity results for $p(x)$ -biharmonic equations with Navier boundary conditions, **Complex Var. Elliptic Equ.** **61** (2016), pag. 1494 – 1516
Citeaza: Vicențiu D. Rădulescu, *Nonlinear elliptic equations with variable exponent: old and new*, **Nonlinear Anal.** **121** (2015), pag. 336 – 369.
262. Cheng, Yi; Li, Cuiying, Existence of solutions for some quasilinear degenerate elliptic inclusions in weighted Sobolev spaces, **Numer. Funct. Anal. Optim.** **37** (2016), pag. 40 – 50
Citeaza: Vicențiu D. Rădulescu, D. Repovš, *Partial Differential Equations with Variable Exponents. Variational Methods and Qualitative Analysis*, **Monographs and Research Notes in Mathematics.** **CRC Press, Boca Raton, FL** (2015), pag. 301.
263. Steglinski, Robert On sequences of large homoclinic solutions for a difference equation on the integers involving oscillatory nonlinearities, **Electron. J. Qual. Theory Differ. Equ.** **2016, Paper No. 35** (2016), pag. 1 – 11
Citeaza: Vicențiu D. Rădulescu, D. Repovš, *Partial Differential Equations with Variable*

Exponents. Variational Methods and Qualitative Analysis, **Monographs and Research Notes in Mathematics. CRC Press, Boca Raton, FL** (2015), pag. 301.

264. Alves, Claudianor O.; Shmarev, Sergey; Simsen, Jacson; Simsen, Mariza S. The Cauchy problem for a class of parabolic equations in weighted variable Sobolev spaces: existence and asymptotic behavior, **J. Math. Anal. Appl.** **443** (2016), pag. 265 – 294
Citeaza: Vicențiu D. Rădulescu, D. Repovš, *Partial Differential Equations with Variable Exponents. Variational Methods and Qualitative Analysis*, **Monographs and Research Notes in Mathematics. CRC Press, Boca Raton, FL** (2015), pag. 301.
265. Boureanu, Maria-Magdalena A new class of nonhomogeneous differential operator and applications to anisotropic systems, **Complex Var. Elliptic Equ.** **61** (2016), pag. 712 – 730
Citeaza: Vicențiu D. Rădulescu, D. Repovš, *Partial Differential Equations with Variable Exponents. Variational Methods and Qualitative Analysis*, **Monographs and Research Notes in Mathematics. CRC Press, Boca Raton, FL** (2015), pag. 301.
266. Molica Bisci, Giovanni; Tulone, Francesco An existence result for fractional Kirchhoff-type equations, **Z. Anal. Anwend.** **35** (2016), pag. 181 – 197
Citeaza: G. Molica Bisci, Vicențiu D. Rădulescu, R. Servadei, *Variational Methods for Nonlocal Fractional Problems*, **Encyclopedia of Mathematics and its Applications**, **162. Cambridge University Press, Cambridge** (2016), pag. 400.
267. Zhang, Xia; Zhang, Binlin; Repovš, Dušan, Existence and symmetry of solutions for critical fractional Schrödinger equations with bounded potentials, **Nonlinear Anal.** **142** (2016), pag. 48 – 68
Citeaza: G. Molica Bisci, Vicențiu D. Rădulescu, R. Servadei, *Variational Methods for Nonlocal Fractional Problems*, **Encyclopedia of Mathematics and its Applications**, **162. Cambridge University Press, Cambridge** (2016), pag. 400.
268. Giacomoni, J.; Mishra, Pawan Kumar; Sreenadh, K. Fractional Kirchhoff equation with critical exponential nonlinearity, **Complex Var. Elliptic Equ.** **61** (2016), pag. 1241 – 1266
Citeaza: G. Molica Bisci, Vicențiu D. Rădulescu, R. Servadei, *Variational Methods for Nonlocal Fractional Problems*, **Encyclopedia of Mathematics and its Applications**, **162. Cambridge University Press, Cambridge** (2016), pag. 400.
269. K. Lapkova, Explicit upper bound for an average number of divisors of quadratic polynomials, **Arch. Math. (Basel)** **106** (2016), no. 3, pag. 247–256
Citează: M. Cipu, N. C. Bonciocat, M. Mignotte, *On $D(-1)$ -quadruples*, **Publ. Mat.** **56** (2012), pag. 279–304.
270. I. Soldo, $D(-1)$ -triples of the form $\{1, b, c\}$ in the ring $\mathbb{Z}[\sqrt{-t}]$, $t > 0$, **Bull. Malays. Math. Sci. Soc.** **39** (2016), pag. 1201–1224
Citează: M. Cipu, N. C. Bonciocat, M. Mignotte, *On $D(-1)$ -quadruples*, **Publ. Mat.** **56** (2012), pag. 279–304.
271. Duggen, Lars; Voon, L. C. Lew Yan; Lassen, Benny; et al., A theory of generalized Bloch oscillations, **JOURNAL OF PHYSICS-CONDENSED MATTER** Volume: 28 (2016), Article Number: 155301

- Citeaza: G. Nenciu, Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians, Rev. Mod. Phys, 63 (1991),91-128.*
272. Tamaya, T.; Ishikawa, A.; Ogawa, T.; et al., Diabatic Mechanisms of Higher-Order Harmonic Generation in Solid-State Materials under High-Intensity Electric Fields, **PHYSICAL REVIEW LETTERS Volume: 116** (2016), Article Number: 016601
Citeaza: G. Nenciu, Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians, Rev. Mod. Phys, 63 (1991),91-128.
273. Freund, Silvia; Teufel, Stefan, PEIERLS SUBSTITUTION FOR MAGNETIC BLOCH BANDS, **ANALYSIS & PDE Volume: 9** (2016), 773-811
Citeaza: G. Nenciu, Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians, Rev. Mod. Phys, 63 (1991),91-128.
274. Fiorenza, Domenico; Monaco, Domenico; Panati, Gianluca, Construction of Real-Valued Localized Composite Wannier Functions for Insulators, **ANNALES HENRI POINCARÉ Volume: 17** (2016), 63-97
Citeaza: G. Nenciu, Dynamics of band electrons in electric and magnetic fields: Rigorous justification of the effective hamiltonians, Rev. Mod. Phys, 63 (1991),91-128.
275. Georgescu, Vladimir; Larenas, Manuel; Soffer, Avy, Abstract Theory of Pointwise Decay with Applications to Wave and Schrodinger Equations, **ANNALES HENRI POINCARÉ Volume: 17** (2016), 2075-2101
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
276. Coles, Matt; Gustafson, Stephen, A DEGENERATE EDGE BIFURCATION IN THE 1D LINEARIZED NONLINEAR SCHRODINGER EQUATION, **DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS Volume: 36** (2016), 2991-3009
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
277. Beceanu, Marius, Decay estimates for the wave equation in two dimensions, **JOURNAL OF DIFFERENTIAL EQUATIONS Volume: 260** (2016), 5378-5420
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
278. Kopylova, Elena; Teschl, Gerald, Dispersion estimates for one-dimensional discrete Dirac equations, **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 434** (2016), 191-208
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
279. Beceanu, Marius, DISPERSIVE ESTIMATES IN R-3 WITH THRESHOLD EIGENSTATES AND RESONANCES, **ANALYSIS & PDE Volume: 9** (2016), 813-858
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
280. Richard, S.; de Aldecoa, R. Tiedra, RESOLVENT EXPANSIONS AND CONTINUITY OF THE SCATTERING MATRIX AT EMBEDDED THRESHOLDS: THE CASE OF

QUANTUM WAVEGUIDES, **BULLETIN DE LA SOCIETE MATHEMATIQUE DE FRANCE** Volume: 144 (2016), 251-277

Citeaza: A. Jensen, G. Nenciu , *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, 13 (2001) , 717-754.

281. Knapp, Christina; Zaletel, Michael; Liu, Dong E.; et al., The Nature and Correction of Diabatic Errors in Anyon Braiding, **PHYSICAL REVIEW X** Volume: 6 (2016), Article Number: 041003
Citeaza: G. Nenciu , *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: 152 (1993) , 479-496.
282. Ashida, Sohei, Born-Oppenheimer Approximation for an Atom in Constant Magnetic Fields, **ANNALES HENRI POINCARÉ** Volume: 17 (2016), 2173-2197
Citeaza: G. Nenciu , *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: 152 (1993) , 479-496.
283. Kolodrubetz, Michael, Measuring the Second Chern Number from Nonadiabatic Effects, **PHYSICAL REVIEW LETTERS** Volume: 117 (2016), Article Number: 015301
Citeaza: G. Nenciu , *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: 152 (1993) , 479-496.
284. Sparber, Christof, Weakly Nonlinear Time-Adiabatic Theory, **ANNALES HENRI POINCARÉ** Volume: 17 (2016), 913-936
Citeaza: G. Nenciu , *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: 152 (1993) , 479-496.
285. Venuti, Lorenzo Campos; Albash, Tameem; Lidar, Daniel A.; et al., Adiabaticity in open quantum systems, **PHYSICAL REVIEW A** Volume: 93 (2016), Article Number: 032118
Citeaza: G. Nenciu , *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: 152 (1993) , 479-496.
286. Ge, Yimin; Molnar, Andras; Cirac, J. Ignacio, Rapid Adiabatic Preparation of Injective Projected Entangled Pair States and Gibbs States, **PHYSICAL REVIEW LETTERS** Volume: 116 (2016), Article Number: 080503
Citeaza: G. Nenciu , *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: 152 (1993) , 479-496.
287. Swingle, Brian; McGreevy, John, Renormalization group constructions of topological quantum liquids and beyond, **PHYSICAL REVIEW B** Volume: 93 (2016), Article Number: 045127
Citeaza: G. Nenciu , *LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** Volume: 152 (1993) , 479-496.

288. Mantile, Andrea, Non-autonomous quantum systems with scale-dependent interface conditions, **ASYMPTOTIC ANALYSIS** **Volume: 98** (2016), 1-30
*Citeaza: G. Nenciu , LINEAR ADIABATIC THEORY - EXPONENTIAL ESTIMATES, COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume: 152 (1993)** , 479-496.*
289. Kuchment, Peter, AN OVERVIEW OF PERIODIC ELLIPTIC OPERATORS, **BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY** **Volume: 53** (2016), 343-414
*Citeaza: G. Nenciu , EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS, COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume: 91 (1983)** , 81-85.*
290. Poli, E.; Elliott, J. D.; Ratcliff, L. E.; et al., The potential of imogolite nanotubes as (co-)photocatalysts: a linear-scaling density functional theory study, **JOURNAL OF PHYSICS-CONDENSED MATTER** **Volume: 28** (2016), Article Number: 074003
*Citeaza: G. Nenciu , EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS, COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume: 91 (1983)** , 81-85.*
291. Fiorenza, Domenico; Monaco, Domenico; Panati, Gianluca, Construction of Real-Valued Localized Composite Wannier Functions for Insulators, **ANNALES HENRI POINCARÉ** **Volume: 17** (2016), 63-97
*Citeaza: G. Nenciu , EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS, COMMUNICATIONS IN MATHEMATICAL PHYSICS **Volume: 91 (1983)** , 81-85.*
292. Sparber, Christof, Weakly Nonlinear Time-Adiabatic Theory, **ANNALES HENRI POINCARÉ** **Volume: 17** (2016), 913-936
*Citeaza: Nenciu, G., Adiabatic theorem of quantum mechanics, JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL **Volume: 13** (1980), L15-L18 .*
293. Ashida, Sohei, Born-Oppenheimer Approximation for an Atom in Constant Magnetic Fields, **ANNALES HENRI POINCARÉ** **Volume: 17** (2016), 2173-2197
*Citeaza: Nenciu G. On asymptotic perturbation theory for quantum mechanics: Almost invariant subspaces and gauge invariant magnetic perturbation theory, JOURNAL OF MATHEMATICAL PHYSICS **43** (2002), pag. 1273-1298.*
294. Freund, Silvia; Teufel, Stefan, PEIERLS SUBSTITUTION FOR MAGNETIC BLOCH BANDS, **ANALYSIS & PDE** **Volume: 9** (2016), 773-811
*Citeaza: Nenciu G. On asymptotic perturbation theory for quantum mechanics: Almost invariant subspaces and gauge invariant magnetic perturbation theory, JOURNAL OF MATHEMATICAL PHYSICS **43** (2002), pag. 1273-1298.*
295. Mintchev, Mihail; Santoni, Luca; Sorba, Paul, Non-equilibrium current cumulants and moments with a point-like defect, **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL** **Volume: 49** (2016), Article Number: 265002
*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.*

296. Whitney, Robert S., Quantum Coherent Three-Terminal Thermoelectrics: Maximum Efficiency at Given Power Output, **ENTROPY Volume: 18** (2016), Article Number: 208
Citeaza: G. Nenciu, 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.
297. Bruneau, L.; Jaksic, V.; Last, Y.; et al., Conductance and Absolutely Continuous Spectrum of 1D Samples, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 344**, (2016), 959-981
Citeaza: G. Nenciu, 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.
298. Bruneau, Laurent; Jaksic, Vojkan; Last, Yoram; et al., Crystalline Conductance and Absolutely Continuous Spectrum of 1D Samples, **LETTERS IN MATHEMATICAL PHYSICS Volume: 106** (2016), 787-797
Citeaza: G. Nenciu, 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.
299. Bao WeiZhu; Cai YongYong; Jia XiaoWei; et al., Error estimates of numerical methods for the nonlinear Dirac equation in the nonrelativistic limit regime, **Conference: 8th International Congress on Industrial and Applied Mathematics (ICIAM) Location: Beijing, PEOPLES R CHINA Date: AUG 10-14, 2015 SCIENCE CHINA-MATHEMATICS Volume: 59** (2016), 1461-1494
Citeaza: GRIGORE, DR; NENCIU, G; PURICE, R ON THE NONRELATIVISTIC LIMIT OF THE DIRAC HAMILTONIAN, ANNALES DE L INSTITUT HENRI POINCARÉ-PHYSIQUE THEORIQUE Volume: 51 (1989), 231-263.
300. Fiorenza, Domenico; Monaco, Domenico; Panati, Gianluca, Construction of Real-Valued Localized Composite Wannier Functions for Insulators, **ANNALES HENRI POINCARÉ Volume: 17** (2016), 63-97
Citeaza: A. Nenciu, G. Nenciu, DYNAMICS OF BLOCH ELECTRONS IN EXTERNAL ELECTRIC-FIELDS .2. THE EXISTENCE OF STARK-WANNIER LADDER RESONANCES, JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL Volume: 15 , (1982), 3313-3328.
301. Ashida, Sohei, Born-Oppenheimer Approximation for an Atom in Constant Magnetic Fields, **ANNALES HENRI POINCARÉ Volume: 17** (2016), 2173-2197
Citeaza: Nenciu, G., Sordoni, V. Semiclassical limit for multistate Klein-Gordon systems: almost invariant subspaces, and scattering theory, JOURNAL OF MATHEMATICAL PHYSICS 45 (2004), pag. 3676-3696.
302. Freund, Silvia; Teufel, Stefan, PEIERLS SUBSTITUTION FOR MAGNETIC BLOCH BANDS, **ANALYSIS & PDE Volume: 9** (2016), 773-811
Citeaza: Nenciu, G., Sordoni, V. Semiclassical limit for multistate Klein-Gordon systems: almost invariant subspaces, and scattering theory, JOURNAL OF MATHEMATICAL PHYSICS 45 (2004), pag. 3676-3696.

303. Futakuchi, Shinichiro; Usui, Kouta, Time-ordered exponential on the complex plane and Gell-Mann-Low formula as a mathematical theorem, **JOURNAL OF MATHEMATICAL PHYSICS Volume: 57** (2016), Article Number: 042302
Citeaza: Nenciu, G., Rasche G. *ADIABATIC THEOREM AND GELL-MANN-LOW FORMULA*, **HELVETICA PHYSICA ACTA Volume: 62** (1989), 372-388.
304. Gesztesy, Fritz; Mitrea, Marius; Nenciu, Irina; et al., Decoupling of deficiency indices and applications to Schrodinger-type operators with possibly strongly singular potentials, **ADVANCES IN MATHEMATICS Volume: 301** (2016), 1022-1061
Citeaza: Nenciu, G., *DISTINGUISHED SELF-ADJOINT EXTENSION FOR DIRAC OPERATOR WITH POTENTIAL DOMINATED BY MULTICENTER COULOMB POTENTIALS*, **HELVETICA PHYSICA ACTA Volume: 50** (1977), pag. 1-3.
305. Caprini, Irinel, Constraints on the virtual Compton scattering on the nucleon in a new dispersive formalism, **PHYSICAL REVIEW D Volume: 93** (2016), Article Number: 076002
Citeaza: Ciulli S., Nenciu, G., *OPTIMAL ANALYTIC EXTRAPOLATION FOR SCATTERING-AMPLITUDE FROM CUTS TO INTERIOR POINTS*, **JOURNAL OF MATHEMATICAL PHYSICS Volume: 14** (1973), pag. 1675-1691.
306. Richard, S.; de Aldecoa, R. Tiedra, RESOLVENT EXPANSIONS AND CONTINUITY OF THE SCATTERING MATRIX AT EMBEDDED THRESHOLDS: THE CASE OF QUANTUM WAVEGUIDES, **BULLETIN DE LA SOCIETE MATHEMATIQUE DE FRANCE Volume: 144** (2016), 251-277
Citeaza: A. Jensen, G. Nenciu , *A unified approach to resolvent expansions at thresholds (vol 13, pg 717, 2001)*, **REVIEWS IN MATHEMATICAL PHYSICS, 16** (2004) , 675-677.
307. Ward, Adam D., The essential self-adjointness of Schrodinger operators on domains with non-empty boundary, **MANUSCRIPTA MATHEMATICA Volume: 150** (2016), 357-370
Citeaza: Nenciu, Gheorghe; Nenciu, Irina , *On Confining Potentials and Essential Self-Adjointness for Schrodinger Operators on Bounded Domains in R-n*, **ANNALES HENRI POINCARÉ Volume: 10** , (2009), 377-394.
308. Milatovic, Ognjen; Truc, Françoise, Self-adjoint extensions of differential operators on Riemannian manifolds **ANNALS OF GLOBAL ANALYSIS AND GEOMETRY Volume: 49** (2016), 87-103
Citeaza: Nenciu, Gheorghe; Nenciu, Irina , *On Confining Potentials and Essential Self-Adjointness for Schrodinger Operators on Bounded Domains in R-n*, **ANNALES HENRI POINCARÉ Volume: 10** , (2009), 377-394.
309. Ribeiro, Allan V.; Nacbar, Denis R.; Bruno-Alfonso, Alexys, Wannier functions of cumulene: A tight-binding approach, **PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS Volume: 253** (2016), 545-553
Citeaza: Nenciu, A; Nenciu, G , *The existence of generalised wannier functions for one-dimensional systems*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 190** , (2008), 541-548.

310. Lai, Rongjie; Lu, Jianfeng; Osher, Stanley, DENSITY MATRIX MINIMIZATION WITH $l(1)$ REGULARIZATION , **COMMUNICATIONS IN MATHEMATICAL SCIENCES** **Volume: 13 Issue: 8 Pages: 2097-2117** (2015), Pages: 2097-2117
Citeaza: Nenciu, A; Nenciu, G, *The existence of generalised wannier functions for one-dimensional systems*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **Volume: 190 Issue: 3 Pages: 541-548** (1998), Pages: 541-548
311. Stockhofe, J.; Schmelcher, P., Bloch dynamics in lattices with long-range hopping, **PHYSICAL REVIEW A** **Volume: 91 Issue: 2** (2015), Article Number: 023606
Citeaza: Cornean, H. D.; Nenciu, A.; Nenciu, G., *Optimally localized Wannier functions for quasi one-dimensional nonperiodic insulators*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL** **Volume: 41** (2008), Article Number: 125202.
312. Gesztesy, Fritz; Mitrea, Marius; Nenciu, Irina; et al., Decoupling of deficiency indices and applications to Schrodinger-type operators with possibly strongly singular potentials, **ADVANCES IN MATHEMATICS** **Volume: 301** (2016), 1022-1061
Citeaza: Nenciu, G., *Self-adjointness and invariance of the essential spectrum for Dirac operators defined as quadratic forms.*, **Comm. Math. Phys.** **48** , **no. 3**, (1976), pag. 235-247.
313. Cacciafesta, Federico; Sere, Eric, Local smoothing estimates for the massless Dirac-Coulomb equation in 2 and 3 dimensions, **JOURNAL OF FUNCTIONAL ANALYSIS** **Volume: 271** (2016), 2339-2358
Citeaza: Nenciu, G., *Self-adjointness and invariance of the essential spectrum for Dirac operators defined as quadratic forms.*, **Comm. Math. Phys.** **48** , **no. 3**, (1976), pag. 235-247.
314. Fiorenza, Domenico; Monaco, Domenico; Panati, Gianluca, Construction of Real-Valued Localized Composite Wannier Functions for Insulators, **ANNALES HENRI POINCARÉ** **Volume: 17** (2016), 63-97
Citeaza: H. D. Cornean, A. Nenciu, G. Nenciu , *Optimally localized Wannier functions for quasi one-dimensional nonperiodic insulators*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL** **Volume: 41** , (2008) Article Number: 125202 .
315. He, Yan; Chien, Chih-Chun, Boundary-induced dynamics in one-dimensional topological systems and memory effects of edge modes, **PHYSICAL REVIEW B** **Volume: 94** (2016), Article Number: 024308
Citeaza: H. D. Cornean, A. Jensen, G. Nenciu , *Memory Effects in Non-Interacting Mesoscopic Transport*, **ANNALES HENRI POINCARÉ** **Volume: 15** , (2014), 1919-1943 .
316. He, Yan; Chien, Chih-Chun, Geometry-Induced Memory Effects in Isolated Quantum Systems: Cold-Atom Applications, **PHYSICAL REVIEW APPLIED** **Volume: 5** (2016),
Citeaza: H. D. Cornean, A. Jensen, G. Nenciu , *Memory Effects in Non-Interacting Mesoscopic Transport*, **ANNALES HENRI POINCARÉ** **Volume: 15** , (2014), 1919-1943 .

317. Milatovic, Ognjen; Truc, Françoise, Self-adjoint extensions of differential operators on Riemannian manifolds **ANNALS OF GLOBAL ANALYSIS AND GEOMETRY** **Volume: 49** (2016), 87-103
Citeaza: Nenciu, Gheorghe; Nenciu, Irina , *On Essential Self-Adjointness for Magnetic Schrodinger and Pauli Operators on the Unit Disc in R^2* , **LETTERS IN MATHEMATICAL PHYSICS** **Volume: 98** , (2011), 207-223.
318. N. C. Nguyen, The complex Monge-Ampère type equation on compact Hermitian manifolds and applications, **Adv. Math.** **286** (2016), pag. 240-285
Citeaza: I. Chiose *The Kähler rank of compact complex manifolds*, **J. Geom. Anal.** **26** (2016), pag. 603-615
319. T. Collins, V. Tosatti, A singular Demailly-Păun theorem, **C. R. Math. Acad. Sci. Paris** **354** (2016), pag. 91-95
Citeaza: I. Chiose *The Kähler rank of compact complex manifolds*, **J. Geom. Anal.** **26** (2016), pag. 603-615
320. D. Popovici, Sufficient bigness criterion for differences of two nef classes, **Math. Ann.** **364**, (2016), pag. 649-655
Citeaza: I. Chiose *The Kähler rank of compact complex manifolds*, **J. Geom. Anal.** **26** (2016), pag. 603-615
321. Z. Wang, On the volume of a pseudo-effective class and semi-positive properties of the Harder-Narasimhan filtration on a compact Hermitian manifold, **Ann. Polon. Math.** **117**, (2016), pag. 41-58
Citeaza: I. Chiose *The Kähler rank of compact complex manifolds*, **J. Geom. Anal.** **26** (2016), pag. 603-615
322. N. C. Nguyen, The complex Monge-Ampère type equation on compact Hermitian manifolds and applications, **Adv. Math.** **286** (2016), pag. 240-285
Citeaza: I. Chiose *Obstructions to the existence of Kähler structures on compact complex manifolds*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 3561-3568
323. A. Fino, L. Vezzoni, On the existence of balanced and *SKT* metrics on nilmanifolds, **Proc. Amer. Math. Soc.** **144** (2016), pag. 2455-2459
Citeaza: I. Chiose *Obstructions to the existence of Kähler structures on compact complex manifolds*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 3561-3568
324. Z. Wang, On the volume of a pseudo-effective class and semi-positive properties of the Harder-Narasimhan filtration on a compact Hermitian manifold, **Ann. Polon. Math.** **117**, (2016), pag. 41-58
Citeaza: I. Chiose *Obstructions to the existence of Kähler structures on compact complex manifolds*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 3561-3568
325. D. Angella, L. Ugarte, Locally conformal Hermitian metrics on complex non-Kähler manifolds, **Mediterr. J. Math.** **13** (2016), pag. 2105-2145
Citeaza: I. Chiose *Obstructions to the existence of Kähler structures on compact complex manifolds*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 3561-3568

326. R. Lyons, A. Thom; Invariant coupling of determinantal measures on sofic groups, **Ergodic Theory and Dynamical Systems**, Vol 36, Iss 2 (2016) pag. 574–607
Citeaza: Liviu Paunescu, *On sofic actions and equivalence relations*, **Journal of Functional Analysis**, Vol 261, Iss 9 (2011), pag. 2461 – 2485
327. B. Hayes; Fuglede- Kadison determinants and Sofic Entropy, **Geometric and Functional Analysis**, Vol 26(2) (2016), pag 520–606
Citeaza: Liviu Paunescu, *On sofic actions and equivalence relations*, **Journal of Functional Analysis**, Vol 261, Iss 9 (2011), pag. 2461 – 2485
328. G. Elek; Convergence and limits of linear representations of finite groups, **Journal of Algebra**, Vol 450 (2016), pay 588–615
Citeaza: Goulnara Arzhantseva, Liviu Paunescu *Linear sofic groups and algebras*, **Transactions of the American Mathematical Society**, Published electronically: April 8, 2016.
329. Masahiro Ohno, Nef vector bundles on a projective space with first Chern class 3 and second Chern class less than 8, **arXiv:1604.05847** (2016),
Citeaza: Cristian Anghel and Nicolae Manolache, *Globally generated vector bundles on \mathbb{P}^n with $c_1 = 3$* , **Math. Nachr.** **286**, no. 14-15 (2013), pag. 1407–1423.
330. N. Irmak, On solutions of the simultaneous Pell equations $x^2 - (a^2 - 1)y^2 = 1$ and $y^2 - pz^2 = 1$, **Period. Math. Hung.** **73** (2016), 130–136
Citează: M. Cipu, M. Mignotte *On the number of solutions to systems of Pell equations*, **J. Number Theory** **125** (2007), 356–392.
331. L. Tao, A note on the simultaneous Pell equations $x^2 - 24y^2 = 1$ and $y^2 - pz^2 = 1$, **Pure Math. Sciences** **5** (2016), 27–32
Citează: M. Cipu, M. Mignotte *On the number of solutions to systems of Pell equations*, **J. Number Theory** **125** (2007), 356–392.
332. D. Platt, T. Trudgian, Diophantine quintuples containing triples of the first kind, **Period. Math. Hung.** **72** (2016), 235–242
Citează: M. Cipu, *Further remarks on Diophantine quintuples*, **Acta Arith.** **168** (2015), 201–219.
333. A. Dudek, On the number of divisors of $n^2 - 1$, **Bull. Aust. Math. Soc.** **93** (2016), 194–198
Citează: M. Cipu, *Further remarks on Diophantine quintuples*, **Acta Arith.** **168** (2015), 201–219.
334. A. Bayad, A. Filipin, A. Togbé, Extension of a parametric family of Diophantine triples in Gaussian integers, **Acta Math. Hung.** **148** (2016), 312–327
Citează: M. Cipu, T. S. Trudgian, *Searching for Diophantine quintuples*, **Acta Arith.** **173** (2016), 365–382.
335. S. Babenyshev, M.-A. Martins: *Behavioral equivalence of hidden k-logics: An abstract algebraic approach*, **Journal of Applied Logic** (2016), pag. 72 – 91
Citează: R. Diaconescu: *Quasi-Boolean encodings and conditionals in algebraic specification*, **Journal of Logic and Algebraic Programming** **79(2)** (2010), pag. 174–188.

336. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming** **126** (2016) pag. 73–93
Citează: R. Diaconescu: *Quasi-Boolean encodings and conditionals in algebraic specification*, **Journal of Logic and Algebraic Programming** **79(2)** (2010), pag. 174–188.
337. A. Madeira, R. Neves, L.-S. Barbosa, M.-A. Martins: *A method for rigorous design of reconfigurable systems*, **Science of Computer Programming** **132** (2016) pag. 50–76
Citează: R. Diaconescu: *On quasi-varieties of multiple valued logic models*, **Mathematical Logic Quarterly** **57(2)** (2011), pag. 194–203.
338. L.-S. Barbosa, M.-A. Martins, A. Madeira, R. Neves: *Reuse and Integration of Specification Logics: The Hybridisation Perspective*, in **Theoretical Information Reuse and Integration** vol. 446 of the series **Advances in Intelligent Systems and Computing** (2016) pag. 1–30
Citează: R. Diaconescu: *On quasi-varieties of multiple valued logic models*, **Mathematical Logic Quarterly** **57(2)** (2011), pag. 194–203.
339. A. Madeira, R. Neves, L.-S. Barbosa, M.-A. Martins: *A method for rigorous design of reconfigurable systems*, **Science of Computer Programming** **132** (2016) pag. 50–76
Citează: R. Diaconescu: *Quasi-varieties and initial semantics for hybridized institutions*, **Journal of Logic and Computation** **26(3)** (2016), pag. 855–891.
340. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming** **126** (2016) pag. 73–93
Citează: R. Diaconescu: *Quasi-varieties and initial semantics for hybridized institutions*, **Journal of Logic and Computation** **26(3)** (2016), pag. 855–891.
341. C.E. Chiriță, J.L. Fiadeiro, F. Orejas: *Many-Valued Institutions for Constraint Specification*, in **Fundamental Approaches to Software Engineering** vol. 9633 of **Lecture Notes in Computer Science**, Springer (2016), pag. 359 – 376
Citează: R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
342. C.E. Chiriță, J.L. Fiadeiro: *Free Jazz in the Land of Algebraic Improvisation*, in **Proceedings of the Seventh International Conference on Computational Creativity** (2016), pag. 323 – 329
Citează: R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
343. S. Babenyshev, M.-A. Martins: *Behavioral equivalence of hidden k-logics: An abstract algebraic approach*, **Journal of Applied Logic** (2016), pag. 72 – 91
Citează: R. Diaconescu: *Coinduction for preordered algebras*, **Information and Computation** **209(2)**, (2011), pag. 108–117.
344. L.-S. Barbosa, M.-A. Martins, A. Madeira, R. Neves: *Reuse and Integration of Specification Logics: The Hybridisation Perspective*, in **Theoretical Information Reuse and Integration** vol. 446 of the series **Advances in Intelligent Systems and Computing** (2016) pag. 1–30
Citează: R. Diaconescu: *Quasi-varieties and initial semantics for hybridized institutions*, **Journal of Logic and Computation** **26(3)** (2016), pag. 855–891.

345. A. Madeira, L.S. Barbosa, R. Hennicker, M.-A. Martins: *Dynamic Logic with Binders and Its Application to the Development of Reactive Systems*, **Theoretical Aspects of Computing ICTAC 2016**, vol. **Lecture Notes in Computer Science 9965** (2016) pag. 422–440
Citează: R. Diaconescu: *Institutional semantics for many-valued logics*, **Fuzzy Sets and Systems 218** (2013), pag. 32 – 52.
346. D. Calegari, T. Mossakowski, N. Szasz: *Heterogeneous verification in the context of model driven engineering*, **Science of Computer Programming 126** (2016), pag. 3 – 30
Citează: R. Diaconescu: *Institutional semantics for many-valued logics*, **Fuzzy Sets and Systems 218** (2013), pag. 32 – 52.
347. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming 126** (2016) pag. 73–93
Citează: R. Diaconescu: *Institutional semantics for many-valued logics*, **Fuzzy Sets and Systems 218** (2013), pag. 32 – 52.
348. A. Amroune, L. Zedam, B. Davvaz: *Many-Valued Logic and Zadehs Fuzzy Sets: A Stone Representation Theorem for Interval-Valued Lukasiewicz-Moisil Algebras*, **Journal of Intelligent Systems 25(2)** (2016) pag. 99–106
Citează: R. Diaconescu: *Institutional semantics for many-valued logics*, **Fuzzy Sets and Systems 218** (2013), pag. 32 – 52.
349. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming 126** (2016) pag. 73–93
Citează: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science 26(5)** (2016), pag. 745 – 788.
350. A. Madeira, R. Neves, M.-A. Martins: *An exercise on the generation of many-valued dynamic logics*, **Journal of Logical and Algebraic Methods in Programming 85(5.2)** (2016), pag. 1011 – 1037
Citează: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science 26(5)** (2016), pag. 745 – 788.
351. L.-S. Barbosa, M.-A. Martins, A. Madeira, R. Neves: *Reuse and Integration of Specification Logics: The Hybridisation Perspective*, in **Theoretical Information Reuse and Integration** vol. 446 of the series **Advances in Intelligent Systems and Computing** (2016) pag. 1–30
Citează: R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science 26(5)** (2016), pag. 745 – 788.
352. C.E. Chiriță, J.L. Fiadeiro, F. Orejas: *Many-Valued Institutions for Constraint Specification*, in **Fundamental Approaches to Software Engineering** vol. 9633 of **Lecture Notes in Computer Science**, Springer (2016), pag. 359 – 376
Citează: M. Aiguier, R. Diaconescu: *Stratified institutions and elementary homomorphisms*, **Information Processing Letters 103(1)** (2007) pag. 5–13.

353. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming** **126** (2016) pag. 73–93
Citează: R. Diaconescu, P. Stefaneas: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.
354. L.-S. Barbosa, M.-A. Martins, A. Madeira, R. Neves: *Reuse and Integration of Specification Logics: The Hybridisation Perspective*, in **Theoretical Information Reuse and Integration** vol. 446 of the series **Advances in Intelligent Systems and Computing** (2016) pag. 1–30
Citează: R. Diaconescu, P. Stefaneas: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.
355. L. Demey, H. Smessaert: *Metalogical Decorations of Logical Diagrams*, **Logica Universalis** **10(2)** (2016) pag. 233–292
Citează: R. Diaconescu: *The Algebra of Opposition (and Universal Logic Interpretations)* in **The Road to Universal Logic**, Springer International Publishing (2015) pag. 127–143
356. R.C. Goncalves, D. Batory, J.L. Sobral: *ReFLO: an interactive tool for pipe-and-filter domain specification and program generation*, **Software and Systems Modeling** **15(2)** (2016) pag. 377–395
Citează: S.Iida, R. Diaconescu, K. Futatsugi: *Component-based algebraic specification and verification in CafeOBJ*, **Lecture Notes in Computer Science** **1709** (1999), pag. 1644–1663.
357. K. Barlas, E. Berki, P. Stefaneas, G. Koletsos: *Towards formal open standards: formalizing a standards requirements – the case of RSS v2.0*, in **Innovations in Systems and Software Engineering** Springer (2016), pag. 1 – 16
Citează: S.Iida, R. Diaconescu, K. Futatsugi: *Component-based algebraic specification and verification in CafeOBJ*, **Lecture Notes in Computer Science** **1709** (1999), pag. 1644–1663.
358. S. Babenyshev, M.-A. Martins: *Behavioral equivalence of hidden k-logics: An abstract algebraic approach*, **Journal of Applied Logic** (2016), pag. 72 – 91
Citează: T. Mossakowski, R. Diaconescu, A. Tarlecki: *What is a Logic Translation?*, **Logica Universalis** **3(1)**, (2009) pag. 59–94.
359. A. Madeira, R. Neves, M.-A. Martins: *An exercise on the generation of many-valued dynamic logics*, **Journal of Logical and Algebraic Methods in Programming** **85(5.2)** (2016), pag. 1011 – 1037
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
360. A. Madeira, R. Neves, L.-S. Barbosa, M.-A. Martins: *A method for rigorous design of reconfigurable systems*, **Science of Computer Programming** **132** (2016) pag. 50–76
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
361. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming** **126** (2016) pag. 73–93

- Citează:* M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science 6859** (2011), pag. 283–297.
362. L.-S. Barbosa, M.-A. Martins, A. Madeira, R. Neves: *Reuse and Integration of Specification Logics: The Hybridisation Perspective*, in **Theoretical Information Reuse and Integration** vol. 446 of the series **Advances in Intelligent Systems and Computing** (2016) pag. 1–30
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science 6859** (2011), pag. 283–297.
363. A. Madeira, R. Neves, L.-S. Barbosa, M.-A. Martins: *A method for rigorous design of reconfigurable systems*, **Science of Computer Programming 132** (2016) pag. 50–76
Citează: R. Burstall, R. Diaconescu: *Hiding and behaviour: an institutional approach*, în A. William Roscoe, editor, **A Classical Mind: Essays in Honour of C.A.R. Hoare**, (1994) Prentice-Hall, pag. 75–92.
364. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming 126** (2016) pag. 73–93
Citează: R. Burstall, R. Diaconescu: *Hiding and behaviour: an institutional approach*, în A. William Roscoe, editor, **A Classical Mind: Essays in Honour of C.A.R. Hoare**, (1994) Prentice-Hall, pag. 75–92.
365. L.-S. Barbosa, M.-A. Martins, A. Madeira, R. Neves: *Reuse and Integration of Specification Logics: The Hybridisation Perspective*, in **Theoretical Information Reuse and Integration** vol. 446 of the series **Advances in Intelligent Systems and Computing** (2016) pag. 1–30
Citează: R. Burstall, R. Diaconescu: *Hiding and behaviour: an institutional approach*, în A. William Roscoe, editor, **A Classical Mind: Essays in Honour of C.A.R. Hoare**, (1994) Prentice-Hall, pag. 75–92.
366. A. Chentsov: *Many-Sorted First-Order Composition-Nominative Logic as Institution*, **Computer Science Journal of Moldova 24(1)** (2016) pag. 27–54.
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.
367. J.-T. Denniston, A. Melton, S.-E. Rodabaugh, S.-A. Solovyov: *Topological systems as a framework for institutions*, **Fuzzy Sets and Systems 298** (2016) pag. 91–108
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures 10(4)**, (2002) pag. 383–402.
368. A. Madeira, R. Neves, L.-S. Barbosa, M.-A. Martins: *A method for rigorous design of reconfigurable systems*, **Science of Computer Programming 132** (2016) pag. 50–76
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science 285**, (2002) pag. 289–318.
369. K. Barlas, E. Berki, P. Stefanias, G. Koletsos: *Towards formal open standards: formalizing a standards requirements – the case of RSS v2.0*, in **Innovations in Systems and Software Engineering** Springer (2016), pag. 1 – 16
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science 6(1)**, (2000) pag. 74–96.

370. S. Babenyshev, M.-A. Martins: *Behavioral equivalence of hidden k-logics: An abstract algebraic approach*, **Journal of Applied Logic** (2016), pag. 72 – 91
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science** **6(1)**, (2000) pag. 74–96.
371. L.-S. Barbosa, M.-A. Martins, A. Madeira, R. Neves: *Reuse and Integration of Specification Logics: The Hybridisation Perspective*, in **Theoretical Information Reuse and Integration** vol. 446 of the series **Advances in Intelligent Systems and Computing** (2016) pag. 1–30
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
372. A. Madeira, R. Neves, L.-S. Barbosa, M.-A. Martins: *A method for rigorous design of reconfigurable systems*, **Science of Computer Programming** **132** (2016) pag. 50–76
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
373. F. Rabe: *The Future of Logic: Foundation-Independence*, **Logica Universalis** **10(1)** (2016) pag. 1–20
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
374. R. Neves, A. Madeira, M.-A. Martins, L.-S. Barbosa: *Proof theory for hybrid(ised) logics*, **Science of Computer Programming** **126** (2016) pag. 73–93
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
375. A.-E. Haxthausen, J. Peleska: *On the Feasibility of a Unified Modelling and Programming Paradigm*, in **Leveraging Applications of Formal Methods, Verification and Validation: Discussion, Dissemination, Applications** vol. 9953 of the series **Lecture Notes in Computer Science** (2016) pag. 32–49
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
376. J.-T. Denniston, A. Melton, S.-E. Rodabaugh, S.-A. Solovyov: *Topological systems as a framework for institutions*, **Fuzzy Sets and Systems** **298** (2016) pag. 91–108
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
377. D. Calegari, T. Mossakowski, N. Szasz: *Heterogeneous verification in the context of model driven engineering*, **Science of Computer Programming** **126** (2016), pag. 3 – 30
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.
378. N. Angius, P. Stefaneas: *Discovering Empirical Theories of Modular Software Systems. An Algebraic Approach*, in **Computing and Philosophy** vol. 375 of the series **Synthese Library** (2016), pag. 99 – 115
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.
379. M. Arenasa, E. Botoeva, D. Calvanese, V. Ryzhikov: *Knowledge base exchange: The case of OWL2QL*, **Artificial Intelligence** **238** (2016), pag. 11 – 62
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.

380. K. Barlas, E. Berki, P. Stefaneas, G. Koletsos: *Towards formal open standards: formalizing a standards requirements – the case of RSS v2.0*, in **Innovations in Systems and Software Engineering** Springer (2016), pag. 1 – 16
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
381. S. Lucas, J. Meseguer: *Normal forms and normal theories in conditional rewriting*, **Journal of Logical and Algebraic Methods in Programming** **85:1.1** (2016), pag. 67 – 97
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
382. A. Riesco, K. Ogata, K. Futatsugi: *CafeInMaude: A CafeOBJ Interpreter in Maude*, in **Fundamental Approaches to Software Engineering** vol. 9633 of **Lecture Notes in Computer Science**, Springer (2016), pag. 377 – 380
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
383. D. Calegari, T. Mossakowski, N. Szasz: *Heterogeneous verification in the context of model driven engineering*, **Science of Computer Programming** **126** (2016), pag. 3 – 30
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
384. S. Babenyshev, M.-A. Martins: *Behavioral equivalence of hidden k-logics: An abstract algebraic approach*, **Journal of Applied Logic** (2016), pag. 72 – 91
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
385. J. Meseguer: *Order-Sorted Rewriting and Congruence Closure*, in **Foundations of Software Science and Computation Structures** volume 9634 of **Lecture Notes in Computer Science**, Springer (2016), pag. 493 – 509
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
386. M. Andreatta, *Tiling Canons as a Key to Approaching Open Mathematical Conjectures?*, **Mathemusal Conversations: Mathematics and Computation in Music Performance and Composition**, World Scientific Publishing, Singapore (2016), pag. 86 – 105
Citeaza: D. T. Vuza, *Sur le rythme periodique*, **Revue Roumaine de Linguistique - Cahiers de Linguistique Thorique et Applique** **22**, 1 (1985), pag. 73 - 103
387. M. Andreatta, *Tiling Canons as a Key to Approaching Open Mathematical Conjectures?*, **Mathemusal Conversations: Mathematics and Computation in Music Performance and Composition**, World Scientific Publishing, Singapore (2016), pag.

86 – 105

Citeaza: D. T. Vuza, *Supplementary Sets and Regular Complementary Unending Canons I – IV*, **Perspectives of New Music** **29**, **2** (1991), pag. 22 – 49, **30**, **1** (1992), pag. 184 – 207, **30**, **2** (1992), pag. 102 – 125, **31**, **1** (1993), pag. 270 - 305

388. E. Amiot, **Music Through Fourier Space: Discrete Fourier Transform in Music Theory**, **Seria Computational Music Science**, Springer (2016)
Citeaza: D. T. Vuza, *Supplementary Sets and Regular Complementary Unending Canons I – IV*, **Perspectives of New Music** **29**, **2** (1991), pag. 22 – 49, **30**, **1** (1992), pag. 184 – 207, **30**, **2** (1992), pag. 102 – 125, **31**, **1** (1993), pag. 270 - 305
389. L. Verdi, Kaleidocycles and Rhythmic Canons, **Gli spazi della musica** **5**, **1** (2016), pag. 78 – 93
Citeaza: M. Andreatta, D. T. Vuza, *On some properties of periodic sequences in Anatol Vieru's modal theory*, **Tatra Mt. Math. Publ.** **23** (2001), pag. 1 – 15
390. L. Verdi, Kaleidocycles and Rhythmic Canons, **Gli spazi della musica** **5**, **1** (2016), pag. 78 – 93
Citeaza: D. T. Vuza, *Supplementary Sets and Regular Complementary Unending Canons I – IV*, **Perspectives of New Music** **29**, **2** (1991), pag. 22 – 49, **30**, **1** (1992), pag. 184 – 207, **30**, **2** (1992), pag. 102 – 125, **31**, **1** (1993), pag. 270 - 305
391. O. Oguz, C. Duyar, On Generalized Lorentz Sequence Space Defined by Modulus Functions , **Filomat** **30:2** (2016), pag. 497-504
Citeaza: Nicolae Popa, *Basic sequences and subspaces in Lorentz sequence spaces without local-convexity* , **Trans. Amer. Math. Soc.**, **263** (1981), pag. 431-456.
392. Fèlix Cabello Sánchez, Factorization in Lorentz spaces, with an application to centralizers, **J. Math. Anal. Appl.** **446** (2017), pag. 1372-1392. *Citeaza:* Nicolae Popa, *Basic sequences and subspaces in Lorentz sequence spaces without local-convexity* , **Trans. Amer. Math. Soc.**, **263** (1981), pag. 431-456.
393. Clement Dupont, Purity, Formality, and Arrangement Complements , **INTERNATIONAL MATHEMATICS RESEARCH NOTICES** **Issue: 13** (2016), pag. 4132–4144.
Citeaza: Anca Macinic, *Cohomology rings and formality properties of nilpotent groups*, **JOURNAL OF PURE AND APPLIED ALGEBRA** **Volume: 214** **Issue: 10** (2010), pag. 1818-1826.
394. Gonzalo Castiñeira , José M. Rodríguez, Asymptotic Analysis of a Viscous Flow in a Curved Pipe with Elastic Walls, **Trends in Differential Equations and Applications** **8** (2016), pag. 73 – 87
Citeaza: G.P. Panasenko, R. Stavre, *Asymptotic analysis of a periodic flow in a thin channel with visco-elastic wall*, **Journal de Mathématiques Pures et Appliquées** **85** (2006), pag. 558 – 579
395. Mallea-Zepeda, Exequiel; Ortega-Torres, Elva; Villamizar-Roa, Elder J., A Boundary Control Problem for Micropolar Fluids, **Journal of Optimization Theory and Applications** **169** (2016), pag. 349 – 369
Citeaza: R. Stavre, *The control of the pressure for a micropolar fluid*, **Z. Angew. Math. Phys. (ZAMP)**, **53** (2002), pag. 912 - 922

396. S. S. Ravindran, Analysis of a Decoupled Time-Stepping Scheme for Evolutionary Micropolar Fluid Flows, **Advances in Numerical Analysis** **2016** (2016), Article ID 7010645, 13 pages
Citeaza: R. Stavre, *The control of the pressure for a micropolar fluid*, **Z. Angew. Math. Phys. (ZAMP)**, **53** (2002), pag. 912 - 922
397. S. G. Pyatkov, M. L. Samkov, Solvability of some inverse problems for the nonstationary heat-and-mass-transfer system, **Journal of Mathematical Analysis and Applications** **446** (2016), pag. 1449 – 1465
Citeaza: A. Capatina, R. Stavre, *A control problem in biconvective flow*, **J. Math. Kyoto Univ.** **37** (1997), pag. 585 – 595
398. F. Chen, L. Jiang, G. Zheng, A dimension reduction method with applications for coefficient inversion of diffusion equations, **arXiv preprint arXiv:1610.02460** (2016)
Citeaza: A. Capatina, R. Stavre, *Algorithms and convergence results for an inverse problem in heat propagation*, **Int. J. Engng. Sci.** **38** (2000), pag. 575 – 587
399. Marusic-Paloka, Eduard; Pazanin, Igor; Radulovic, Marko, Flow of a Micropolar Fluid Through a Channel with Small Boundary Perturbation, **Zeitschrift fur Naturforschung Section A-A Journal of Physical Sciences** **71** (2016), pag. 607 – 619
Citeaza: D. Dupuy, G.P. Panasenko, R. Stavre, *Asymptotic methods for micropolar fluids in a tube structure*, **Mathematical Models & Methods in Applied Sciences** **14** (2004), pag. 735 – 758
400. Benes, Michal; Pažanin, Igor, Effective Flow of Incompressible Micropolar Fluid Through a System of Thin Pipes, **Acta Applicandae Mathematicae** **143** (2016), pag. 29 – 43
Citeaza: D. Dupuy, G.P. Panasenko, R. Stavre, *Asymptotic methods for micropolar fluids in a tube structure*, **Mathematical Models & Methods in Applied Sciences** **14** (2004), pag. 735 – 758
401. Curkovic, A.; Marusic-Paloka, E., Existence and uniqueness of solution for fluid-plate interaction problem, **Applicable Analysis** **95** (2016), pag. 715 – 730
Citeaza: G.P. Panasenko, R. Stavre, *Asymptotic analysis of a periodic flow in a thin channel with visco-elastic wall*, **Journal de Mathematiques Pures et Appliquées** **85** (2006), pag. 558 – 579
402. Castineira, Gonzalo; Rodriguez, Jose M., Asymptotic Analysis of a Newtonian Fluid in a Curved Pipe with Moving Walls, **Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2015** **1738** (2016), Article Number: 480027
Citeaza: G.P. Panasenko, R. Stavre, *Asymptotic analysis of a periodic flow in a thin channel with visco-elastic wall*, **Journal de Mathematiques Pures et Appliquées** **85** (2006), pag. 558 – 579
403. Mallea-Zepeda, Exequiel; Ortega-Torres, Elva; Villamizar-Roa, Elder J., A Boundary Control Problem for Micropolar Fluids, **Journal of Optimization Theory and Applications** **169** (2016), pag. 349 – 369
Citeaza: R. Stavre, *Optimization and numerical approximation for micropolar fluids*, **Numerical Functional Analysis and Optimization** **24** (2003), pag. 223 - 241

404. Benes, Michal; Pažanin, Igor, Effective Flow of Incompressible Micropolar Fluid Through a System of Thin Pipes, **Acta Applicandae Mathematicae** **143** (2016), pag. 29 – 43
Citeaza: D. Dupuy, G.P. Panasenko, R. Stavre, Asymptotic solution for a micropolar flow in a curvilinear channel, Zeitschrift fur Angewandte Mathematik und Mechanik **88** (2008), pag. 793 – 807
405. Nakamura, Y., On minimal log discrepancies on varieties with fixed Gorenstein index, **Michigan Math. J.** **65(1)** (2016), 165 – 187; FI=0.741
Citeaza: Ambro F., The set of toric minimal log discrepancies, Central Eur. J. Math. Vol 4 (3) (2006), 358 – 370
406. McLean, M., Reeb orbits and the minimal discrepancy of an isolated singularity, **Inv. Math.** **204(2)** (2016), 505 – 594 ; FI=2.825
Citeaza: Ambro F., The minimal log discrepancy, In Proceedings of the Symposium Multiplier ideals and arc spaces, RIMS Koukyuuroku 1550 (2006), 121 – 130
407. Druel, S., On Fano varieties whose effective divisors and numerically eventually free, **Math. Res. Lett.** **23 (3)** (2016), 771 – 804; FI=0.523
Citeaza: Ambro F., The moduli b-divisor of an lc-trivial fibration, Comp. Math. Vol 141 (2) (2005), 385 – 403
408. Greb, D.; Kebekus, S.; Peternell, T., Étale fundamental groups of Kawamata log terminal spaces, flat sheaves, and quotients of abelian varieties, **Duke Math. J.** **165 (10)** (2016), 1965 – 2004 ; FI=2.350
Citeaza: Ambro F., The moduli b-divisor of an lc-trivial fibration, Comp. Math. Vol 141 (2) (2005), 385 – 403
409. Birkar, C., Singularities on the base of a Fano type fibration, **Crelles Journal** **715** (2016), 125 – 142; FI=1.616
Citeaza: Ambro F., The moduli b-divisor of an lc-trivial fibration, Comp. Math. Vol 141 (2) (2005), 385 – 403
410. Okawa, S. On images of Mori dream spaces, **Math. Ann.** **364 (3)** (2016), 1315 – 1342 ; FI=1.366
Citeaza: Ambro F., The moduli b-divisor of an lc-trivial fibration, Comp. Math. Vol 141 (2) (2005), 385 – 403
411. Birkar, C.; Chen, Y., Images of manifolds with semi-ample anti-canonical divisor, **J. Alg. Geom** **25(2)** (2016), 273 – 287 ; FI=1.191
Citeaza: Ambro F., The moduli b-divisor of an lc-trivial fibration, Comp. Math. Vol 141 (2) (2005), 385 – 403
412. Odaka, Y.; Song, S., Testing log K-stability by blowing up formalism, **Ann. Fac. Sci. Toulouse Math (6)** **24(3)** (2015), 505 – 522
Citeaza: Ambro F., The moduli b-divisor of an lc-trivial fibration, Comp. Math. Vol 141 (2) (2005), 385 – 403
413. Birkar, C., Singularities on the base of a Fano type fibration, **Crelles Journal** **715** (2016), 125 – 142 ; FI=1.616
Citeaza: Ambro F., Shokurov's Boundary Property, J. Diff. Geom. 67 (2004), 229 – 255

414. Birkar, C.; Chen, Y., Images of manifolds with semi-ample anti-canonical divisor, **J. Alg. Geom** **25(2)** (2016), 273 – 287 ; FI=1.191
Citeaza: Ambro F., *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), 229 – 255
415. Nicaise, J.; Xu, C., Poles of maximal order of motivic zeta functions, **Duke Math. J.** **165(2)** (2016), 217 – 243 ; FI=2.350
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **Vol 240** (1) (2003), 214 – 233
416. Fujino, O., Basepoint-free theorem of Reid-Fukuda type for quasi-log schemes, **Publ. Res. Int. Math. Sci.** **52(1)** (2016), 63 – 81
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **Vol 240** (1) (2003), 214 – 233
417. Boucksom, S.; Favre, C.; Jonsson, M., Singular semipositive metrics in non-Archimedean geometry, **J. Algebraic Geom.** **25** (2016), 77 – 139 ; FI=1.191
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** **Vol 240** (1) (2003), 214 – 233
418. Nakamura, Y., On minimal log discrepancies on varieties with fixed Gorenstein index, **Michigan Math. J.** **65(1)** (2016), 165 – 187 ; FI=0.741
Citeaza: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **Vol 6** (5-6) (1999), 573 – 580
419. Nakamura, Y., On semi-continuity problems for minimal log discrepancies, **Crelles J** **711** (2016), 167 – 187 ; FI=1.616
Citeaza: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **Vol 6** (5-6) (1999), 573 – 580
420. Nakamura, Y., On semi-continuity problems for minimal log discrepancies, **Crelles J** **711** (2016), 167 – 187 ; FI=1.616
Citeaza: Ambro F., *The Adjunction Conjecture and its applications*, **PhD Thesis, The Johns Hopkins University** (1999)
421. Birkar, C., Singularities on the base of a Fano type fibration, **Crelles Journal** **715** (2016), 125 – 142 ; FI=1.616
Citeaza: Ambro F., *The Adjunction Conjecture and its applications*, **PhD Thesis, The Johns Hopkins University** (1999)
422. Birkar, C.; Chen, Y., Images of manifolds with semi-ample anti-canonical divisor, **J. Alg. Geom** **25(2)** (2016), 273 – 287 ; FI=1.191
Citeaza: Ambro F., *The Adjunction Conjecture and its applications*, **PhD Thesis, The Johns Hopkins University** (1999)
423. Fukuma, Y., Effective non-vanishing of global sections of multiple adjoint bundles for quasi-polarized n -folds, II, **J. Algebra and Applications** **15** (1) (2016), 9 pagini. DOI: 10.1142/S0219498816500031 FI=0.365
Citeaza: Ambro F., *Ladders on Fano varieties*, **J. Math. Sci. (New York)** **Vol 94** (1) (1999), pag. 1126 – 1135

424. M. Pilca, Toric Vaisman manifolds, **Journal of Geometry and Physics**, vol. 107 (2016), pag. 149 – 161
Citeaza: D. Calderbank, L. David, P. Gauduchon: *The Guillemin formula and Kähler metrics on toric symplectic manifolds*, **Journal of Symplectic Geometry**, vol 1 (4) (2002), pag. 767 – 784
425. D. Bykov, Complex structures and zero-curvature equations for σ -models, **Physics Letters B**, vol. 760 (2016), pag. 341 – 344
Citeaza: D. V. Alekseevsky, L. David: *A note about invariant SKT-structures and generalized Kähler structures on flag manifolds*, **Proceedings of the Edinburgh Mathematical Society**, vol. 55 (3) (2012), pag. 543 – 549
426. Stankewitz, Rich; Sumi, Hiroki, Backward iteration algorithms for Julia sets of Möbius semigroups, **Discrete and Continuous Dynamical Systems**, 2016, vol 36, 6475–6485.
Citeaza: Mihailescu, Eugen, *Approximations for Gibbs states of arbitrary Hölder potentials on hyperbolic folded sets*, **Discrete and Continuous Dynamical Systems** (2012), Vol 32, 961-975.
427. Wang, Yupan; Dongkui, Ma; Lin, Xiaogang, On the topological entropy of free semi-group actions, **Journal of Mathematical Analysis and Applications** (2016), vol. 435, 1573-1590.
Citeaza: Mihailescu, Eugen; Urbanski, Mariusz, *Inverse topological pressure with applications to holomorphic dynamics of several variables*, **Communications in Contemporary Mathematics** (2004), vol. 6, 653-679. *Citeaza:* Mihailescu, Eugen; Urbanski, Mariusz, *Inverse pressure estimates and the independence of stable dimension for non-invertible maps*, **Canadian Journal of Mathematics** (2008), vol 60, 658-684.
428. Zhan, Guo-Ping; Liu, Li-Han, Hausdorff dimension of a dynamically defined set of $\exp(z)/z$, **Complex Variables and Elliptic Equations** (2016), vol 61, 469-483.
Citeaza: Mihailescu, Eugen; Urbanski, Mariusz, *Estimates for the stable dimension for holomorphic maps*, **Houston Journal of Mathematics** (2005), vol. 31, 367-389.
429. Luo, Zhiliang; Lin, Yiping; Dai, Yunxian, Rank one chaos in periodically kicked Lotka-Volterra predator-prey system with time delay, **Nonlinear Dynamics**, 2016, Vol 85, 797–811.
Citeaza: Mihailescu, Eugen, *Local geometry and dynamical behavior on folded basic sets*, **Journal of Statistical Physics**, vol 142, 2016, 154-167.
430. Ojoniyi, O. S.; Njah, A. N, A 5D hyperchaotic Sprott B system with coexisting hidden attractors, **Chaos, Solitons & Fractals**, 2016, vol. 87, 172-181.
Citeaza: Mihailescu, Eugen, *Equilibrium measures, prehistories distributions and fractal dimensions for endomorphisms*, **Discrete and Continuous Dynamical Systems**, vol. 32, 2012, 2485-2502.
431. I. Vaisman, A note on submanifolds and mappings in generalized complex geometry, **Monatshefte für Mathematik**, vol. 180 (2016), no. 2, pag. 373–390.
Citeaza: L. Ornea, R. Pantilie, *On holomorphic maps and generalized complex geometry*, **Journal of Geometry and Physics**, vol. 61 (2011), no. 8, pag. 1502–1515.

432. Y.-J. Chiang, R. Wolak, Transversally harmonic morphisms between foliated Riemannian manifolds, **Southeast Asian Bulletin of Mathematics**, vol. 40 (2016), no. 2, pag. 171–182.
Citeaza: E. Loubeau, R. Pantilie, *Harmonic morphisms between Weyl spaces and twistorial maps*, **Communications in Analysis and Geometry**, vol. 14 (2006), no. 5, pag. 847–881.
433. Z. Kasap, Weyl-Euler-Lagrange equations on twistor space for tangent structure, **International Journal of Geometric Methods in Modern Physics**, vol 13 (2016), no. 7, 1650095, 18pp.
Citeaza: E. Loubeau, R. Pantilie, *Harmonic morphisms between Weyl spaces and twistorial maps*, **Communications in Analysis and Geometry**, vol. 14 (2006), no. 5, pag. 847–881.
Citeaza: R. Pantilie, *On a class of twistorial maps*, **Differential Geometry and its Applications**, vol. 26 (2008), no. 4, pag. 366–376.
Citeaza: S. Ianuş, S. Marchiafava, L. Ornea, R. Pantilie, *Twistorial maps between quaternionic manifolds*, **Annali della Scuola Normale Superiore di Pisa. Classe di Scienze. Serie V**, vol. 9 (2010), no. 1, pag. 47–67.
434. M. Haghnegahdar, S. Boden, U. Hampel , Investigation of surfactant effect on the bubble shape and mass transfer in a milli-channel using high-resolution microfocuss X-ray imaging, **International Journal of Multiphase Flow**, September 2016
Citeaza: P. Daripa and G. Pasa, *The effect of surfactant on the motion of long bubbles in horizontal capillary tubes*, **Journal of Statistical Mechanics Theory and Experiment** 2010(02), L02002 February 2010.
435. M. Haghnegahdar, S. Boden, U. Hampel, Investigation of surfactant effect on the bubble shape and mass transfer in a milli-channel using high-resolution microfocuss X-ray imaging, **International Journal of Multiphase Flow**, September 2016
Citeaza: P. Daripa and G. Pasa, *The effect of surfactant on long bubbles rising in vertical capillary tubes*, **Journal of Statistical Mechanics Theory and Experiment**, 2011(02), L02003, 10 February 2011.
436. Cui, Yuanyuan; Gupta, Nivedita R., Numerical study of surfactant effects on the buoyancy-driven motion of a drop in a tube, **Chemical Engineering Science**, 144, 48-57, **Published: APR 22 2016**, 2016
Citeaza: P. Daripa and G. Pasa, *The effect of surfactant on long bubbles rising in vertical capillary tubes*, **Journal of Statistical Mechanics Theory and Experiment**, 2011(02), L02003, 10 February 2011.
437. M. Haghnegahdar, S. Boden, U. Hampel , Investigation of surfactant effect on the bubble shape and mass transfer in a milli-channel using high-resolution microfocuss X-ray imaging, **International Journal of Multiphase Flow**, September 2016
Citeaza: P. Daripa and G. Pasa, *LETTER: The thickening effect of interfacial surfactant in the drag-out coating problem*, **Journal of Statistical Mechanics Theory and Experiment**, 7(07), July 2009.

438. P. Mostaghimi, F. Kamali, M. D. Jackson, Ann H. Muggeridge, Christopher C. Pain , Adaptive Mesh Optimization for Simulation of Immiscible Viscous Fingering, **SPE Journal**, June 2016
Citeaza: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media 75(1):1-16, October 2008.
439. Daripa, Prabir; Gin, Craig; Studies on dispersive stabilization of porous media flows, **Physics of Fluids 28(8) Article Number: 082105**, August 2016
Citeaza: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media 75(1):1-16, October 2008.
440. Shuang Cindy Cao, Bate Bate, Jong Wan Hu, Jongwon Jung , Engineering Behavior and Characteristics of Water-Soluble Polymers: Implication on Soil Remediation and Enhanced Oil Recovery, **Sustainability 8(3)**, February 2016
Citeaza: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media 75(1):1-16, October 2008.
441. Shuang Cindy Cao, Sheng Dai, Jongwon Jung , Supercritical CO₂ and brine displacement in geological carbon sequestration: Micromodel and pore network simulation studies, **Int. Journal of Greenhouse Gas Control 44:104-114**, January 2016
Citeaza: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media 75(1):1-16, October 2008.
442. Jongwon Jung, Jungyeon Jang and Jaehun Ahn, Characterization of a Polyacrylamide Solution Used for Remediation of Petroleum Contaminated Soils, **Materials, 9(1), 16; doi:10.3390/ma9010016**, 2016
Citeaza: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media 75(1):1-16, October 2008.
443. Yu Liu, Pengfei Lv, Yao Liu, Lanlan Jiang, Suekane Tetsuya, Yongchen Song, Bohao Wua and Shuyang Liua, CO₂/water two-phase flow in a two-dimensional micro-model of heterogeneous pores and throats, **RSC Advances, 6,73897-73905 DOI: 10.1039/C6RA10229H**, 2016
Citeaza: P. Daripa and G. Pasa, On Capillary Slowdown of Viscous Fingering in Immiscible Displacement in Porous Media, Transport in Porous Media 75(1):1-16, October 2008.
444. Prabir Daripa, Gin Craig, Studies on dispersive stabilization of porous media flows, **Physics Of Fluids 28(8) Article Number: 082105**, August 2016
Citeaza: P. Daripa and G. Pasa, Stabilizing effect of diffusion in enhanced oil recovery and three-layer Hele-Shaw flows with viscosity gradient, Transport In Porous Media (70)1, 11-23, Octombrie 2005
445. Prabir Daripa, Gin Craig, Studies on dispersive stabilization of porous media flows, **Physics Of Fluids 28(8) Article Number: 082105**, August 2016

- Citeaza*: P. Daripa and G. Pasa, *New bounds for stabilizing Hele-Shaw flows*, **Appl. Math. Letters** **18(11)**, 1293-1303, November 2005
446. Zhang, Haiyan; Chen, Guangying; Dong, Mingzhe; et al., Evaluation of Different Factors on Enhanced Oil Recovery of Heavy Oil Using Different Alkali Solutions, **Energy and Fuels** **30(5)**, 3860-3869, May 2016
Citeaza: P. Daripa and G. Pasa, *An optimal viscosity profile in enhanced oil recovery by polymer flooding*, **Int. J. of Engn. Science** **42(19-20)**, 2029-2039, Nov-Dec 2004
447. Meneses, Rodrigo; Orellana, Oscar, On a Sturm-Liouville problem with spectral and physical parameters in boundary conditions, **IMA J. OF Appl. Math.** **81(1)**, 100-131, February 2016
Citeaza: Claude Carasso and Gelu Pasa, *An optimal viscosity profile in the secondary oil recovery*, **RAIRO-M2AN**, **32(2)**, 211-221, Mar. 1998
448. A. Suciuc, *On the topology of the Milnor fibration of a hyperplane arrangement* **arxiv.org/pdf/1607.06340.pdf**
Citează D. A. Măcinic, Ş. Papadima, C. R. Popescu *Modular equalities for complex reflection arrangements*, **arxiv.org/pdf/1406.7137.pdf** (2014),
449. A. Dimca *On the Milnor monodromy of the irreducible complex reflection arrangements* **arxiv.org/pdf/1606.04048.pdf**
Citează D. A. Măcinic, Ş. Papadima, C. R. Popescu *Modular equalities for complex reflection arrangements*, **arxiv.org/pdf/1406.7137.pdf** (2014),
450. A. Dimca, G. Sticlaru *On the Milnor monodromy of the exceptional reflection arrangement of type G_{31}* **arxiv.org/pdf/1606.06615.pdf**
Citează D. A. Măcinic, Ş. Papadima, C. R. Popescu *Modular equalities for complex reflection arrangements*, **arxiv.org/pdf/1406.7137.pdf** (2014),
451. A. Dimca, G. Sticlaru *A computational approach to Milnor fiber cohomology* **arxiv.org/pdf/1602.03496.pdf**
Citează D. A. Măcinic, Ş. Papadima, C. R. Popescu *Modular equalities for complex reflection arrangements*, **arxiv.org/pdf/1406.7137.pdf** (2014),
452. Anna Oneto, Grazia Tamone, Syzygies of GS monomial curves and Weierstrass property, **Semigroup Forum Volume 92, Issue 1** (2016), pag. 258–273
Citeaza: J. Herzog, D. I. Stamate, *On the defining equations of the tangent cone of a numerical semigroup ring*, **Journal of Algebra vol 418** (2014), pag. 8–28.
453. A. L. Agore, G. Militaru, Extending structures, Galois groups and supersolvable associative algebras, **Monatsh. Math.** **181(1)** (2016), pag. 1–33
Citeaza: F. Panaite, *Equivalent crossed products and cross product bialgebras*, **Comm. Algebra** **42(5)** (2014), pag. 1937–1952
454. J. N. A. Alvarez, J. M. F. Vilaboa, R. G. Rodriguez, Cleft extensions and Galois extensions for Hom-associative algebras, **Intern. J. Math.** **27(3)** (2016), Art. No. 1650025
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501 (17 pages)

455. J. Bichon, Gerstenhaber-Shack and Hochschild cohomologies of co-Frobenius Hopf algebras, **Documenta Math.** **21** (2016), pag. 955–986
Citeaza: F. Panaite, D. Stefan, *Deformation cohomology for Yetter-Drinfel'd modules and Hopf (bi)modules*, **Comm. Algebra** **30(1)** (2002), pag. 331–345
456. T. Brzezinski, Rota-Baxter systems, dendriform algebras and covariant bialgebras, **J. Algebra** **460** (2016), pag. 1–25
Citeaza: F. Panaite, F. Van Oystaeyen, *Twisted algebras and Rota-Baxter type operators*, arXiv:math.QA/1502.05327, va apareia in **J. Algebra Appl.**
457. A. J. Calderon, J. M. Sanchez, The structure of split regular BiHom-Lie algebras, **J. Geom. Phys.** **110** (2016), pag. 296–305
Citeaza: G. Graziani, A. Makhlouf, C. Menini, F. Panaite, *BiHom-associative algebras, BiHom-Lie algebras and BiHom-bialgebras*, **Symmetry, Integrability Geom. Methods Appl. (SIGMA)** **11** (2015), 086, 34 pagini
458. Q. G. Chen, D. G. Wang, A duality theorem for L-R-crossed product, **Filomat** **30(5)** (2016), pag. 1305–1313
Citeaza: F. Panaite, F. Van Oystaeyen, *L-R-smash product for (quasi-) Hopf algebras*, **J. Algebra** **309(1)** (2007), pag. 168–191
459. O. Elchinger, K. Lundengard, A. Makhlouf, S. Silvestrov, Brackets with (τ, σ) -derivations and (p, q) -deformations of Witt and Virasoro algebras, **Forum. Math.** **28(4)** (2016), pag. 657–673
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501 (17 pages)
460. G. A. Garcia, Multiparameter quantum groups, bosonizations and cocycle deformations, **Rev. Union Mat. Argentina** **57(2)** (2016), pag. 1–23
Citeaza: J. Cuadra, F. Panaite, *Extending lazy 2-cocycles on Hopf algebras and lifting projective representations afforded by them*, **J. Algebra** **313(2)** (2007), pag. 695–723
461. S. Guo, X. Zhang, S. Wang, Braided monoidal categories and Doi Hopf modules for monoidal Hom-Hopf algebras, **Colloq. Math.** **143(1)** (2016), pag. 79–103
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501 (17 pages)
462. S. Guo, X. Zhang, S. Wang, Total integrals of Doi Hom-Hopf modules, **J. Algebra Appl.** **15(4)** (2016), art. nr. 1650069
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501 (17 pages)
463. S. Guo, S. X. Wang, The affineness criterion for quantum Hom-Yetter-Drinfeld modules, **Colloq. Math.** **143(2)** (2016), pag. 169–185
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501 (17 pages)
464. L. Jia, X. Chen, Hom-Hopf algebras arising from (co)braided Hom-Hopf algebras, **Southeast Asian Bull. Math.** **40** (2016), pag. 511–527
Citeaza: 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), 314–343

465. D. Lu, S.-H. Wang, The Drinfeld double versus the Heisenberg double for Hom-Hopf algebras, **J. Algebra Appl.** **15(4)** (2016), art. nr. 1650059
Citeaza: 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), 314–343
466. T. Ma, H. Li, L. Liu, Double biproduct Hom-bialgebra and related quasitriangular structures, **Chinese Ann. Math. Ser. B** **37(6)** (2016), pag. 929–950
Citeaza:
 (i) A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501 (17 pages)
 (ii) A. Makhlouf, F. Panaite, *Twisting operators, twisted tensor products and smash products for Hom-associative algebras*, **Glasgow Math. J.** **58(3)** (2016), pag. 513–538
467. J. Sun, L-R-twisted tensor products of nonlocal vertex algebras and their modules, **Comm. Algebra** **44(4)** (2016), pag. 1647–1670
Citeaza:
 (i) J. Lopez Pena, F. Panaite, F. Van Oystaeyen, *General twisting of algebras*, **Adv. Math.** **212(1)** (2007), pag. 315–337
 (ii) M. Ciungu, F. Panaite, *L-R-smash products and L-R-twisted tensor products of algebras*, **Algebra Colloq.** **21(1)** (2014), pag. 129–146
468. J. Sun, Twistors for modules over algebras, **Sci. China Math.** **59(7)** (2016), pag. 1327–1344
Citeaza:
 (i) J. Lopez Pena, F. Panaite, F. Van Oystaeyen, *General twisting of algebras*, **Adv. Math.** **212(1)** (2007), pag. 315–337
 (ii) P. Jara Martinez, J. Lopez Pena, F. Panaite, F. Van Oystaeyen, *On iterated twisted tensor products of algebras*, **Internat. J. Math.** **19(9)** (2008), pag. 1053–1101
 (iii) F. Panaite, M. D. Staic, F. Van Oystaeyen, *Pseudosymmetric braidings, twines and twisted algebras*, **J. Pure Appl. Algebra** **214(6)** (2010), pag. 867–884
 (iv) M. Ciungu, F. Panaite, *L-R-smash products and L-R-twisted tensor products of algebras*, **Algebra Colloq.** **21(1)** (2014), pag. 129–146
 (iv) F. Panaite, F. Van Oystaeyen, *Twisted algebras and Rota-Baxter type operators*, arXiv:math.QA/1502.05327, va apareia in **J. Algebra Appl.**
469. J. Sun, Twistors of nonlocal vertex algebras, **J. Algebra** **468** (2016), pag. 296–336
Citeaza:
 (i) J. Lopez Pena, F. Panaite, F. Van Oystaeyen, *General twisting of algebras*, **Adv. Math.** **212(1)** (2007), pag. 315–337
 (ii) P. Jara Martinez, J. Lopez Pena, F. Panaite, F. Van Oystaeyen, *On iterated twisted tensor products of algebras*, **Internat. J. Math.** **19(9)** (2008), pag. 1053–1101
 (iii) M. Ciungu, F. Panaite, *L-R-smash products and L-R-twisted tensor products of algebras*, **Algebra Colloq.** **21(1)** (2014), pag. 129–146
470. J. Sun, Module twistors for modules of nonlocal vertex algebras, **Israel J. Math.** **216(1)** (2016), pag. 247–272
Citeaza:
 (i) J. Lopez Pena, F. Panaite, F. Van Oystaeyen, *General twisting of algebras*, **Adv. Math.** **212(1)** (2007), pag. 315–337

- (ii) P. Jara Martinez, J. Lopez Pena, F. Panaite, F. Van Oystaeyen, *On iterated twisted tensor products of algebras*, **Internat. J. Math.** **19(9)** (2008), pag. 1053–1101
471. J. M. F. Vilaboa, R. G. Rodriguez, A. B. R. Raposo, Equivalences for weak crossed products, **Comm. Algebra** **44(10)** (2016), pag. 4519–4545
Citeaza:
 (i) F. Panaite, *Invariance under twisting for crossed products*, **Proc. Amer. Math. Soc.** **140(3)** (2012), pag. 755–763
 (ii) F. Panaite, *Equivalent crossed products and cross product bialgebras*, **Comm. Algebra** **42(5)** (2014), pag. 1937–1952
472. Garayev, Mubariz T.; Guediri, Hocine; Sadraoui, Houcine, Applications of reproducing kernels and Berezin symbols, **New York J. Math.** **22** (2016), pag. 583–604
Citeaza: 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.
473. Batayneh, Fawwaz; Mitkovski, Mishko, Localized frames and compactness, **J. Fourier Anal. Appl.** **22** (2016), pag. 568–590
Citeaza: 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.
474. Ma, Pan; Zheng, Dechao, Compact truncated Toeplitz operators, **J. Funct. Anal.** **270** (2016), pag. 4256–4279
Citeaza: 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.
475. Lopatto, Patrick; Rochberg, Richard, Schatten-class truncated Toeplitz operators, **Proc. Amer. Math. Soc.** **144** (2016), pag. 637–649
Citeaza: 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.
476. Câmara, M. Cristina; Partington, Jonathan R., Spectral properties of truncated Toeplitz operators by equivalence after extension, **J. Math. Anal. Appl.** **433** (2016), pag. 762–784
Citeaza: 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.
477. Zhu, Sen, Approximation of complex symmetric operators, **Math. Ann.** **364** (2016), pag. 373–399
Citeaza: Chevrot, Nicolas; Fricain, Emmanuel; Timotin, Dan, *The characteristic function of a complex symmetric contraction*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2877–2886.
478. Bhattacharjee, Monojit; Sarkar, Jaydeb, Operator positivity and analytic models of commuting tuples of operators, **Studia Math.** **232** (2016), pag. 155–171

- Citeaza*: Ambrozie, C.-G.; Timotin, D., *A von Neumann type inequality for certain domains in \mathbb{C}^n* , **Proc. Amer. Math. Soc.** **131** (2003), pag. 859–869.
479. Bhattacharjee, Monojit; Sarkar, Jaydeb, Operator positivity and analytic models of commuting tuples of operators, **Studia Math.** 232 (2016), pag. 155–171
Citeaza: Ambrozie, C.-G.; Timotin, D., *On an intertwining lifting theorem for certain reproducing kernel Hilbert spaces*, **Integral Equations Operator Theory** **42** (2002), pag. 373–384.
480. Zhu, Sen, Approximation of complex symmetric operators, **Math. Ann.** 364 (2016), pag. 373–399
Citeaza: Chalendar, I.; Fricain, E.; Timotin, D., *On an extremal problem of Garcia and Ross*, **Oper. Matrices** **3** (2009), pag. 541–546.
481. Chalendar, Isabelle; Garcia, Stephan Ramon; Ross, William T.; Timotin, Dan, An extremal problem for characteristic functions, **Trans. Amer. Math. Soc.** 368 (2016), pag. 4115–4135
Citeaza: Chalendar, I.; Fricain, E.; Timotin, D., *On an extremal problem of Garcia and Ross*, **Oper. Matrices** **3** (2009), pag. 541–546.
482. Popescu, Gelu, Berezin transforms on noncommutative polydomains, **Trans. Amer. Math. Soc.** 368 (2016), pag. 4357–4416
Citeaza: Timotin, D., *Regular dilations and models for multicontractions*, **Indiana Univ. Math. J.** **47** (1998), pag. 671–684.
483. Akeroyd, John R.; Gorkin, Pamela, Uniform approximation by indestructible Blaschke products, **J. Math. Anal. Appl.** 434 (2016), pag. 1419–1434
Citeaza: Chalendar, I.; Fricain, E.; Timotin, D., *Functional models and asymptotically orthonormal sequences*, **Ann. Inst. Fourier (Grenoble)** **53** (2003), pag. 1527–1549.
484. Gorkin, Pamela; Wick, Brett D., Thin sequences and their role in model spaces and Douglas algebras, **J. Fourier Anal. Appl.** 22 (2016), pag. 137–158
Citeaza: Chalendar, I.; Fricain, E.; Timotin, D., *Functional models and asymptotically orthonormal sequences*, **Ann. Inst. Fourier (Grenoble)** **53** (2003), pag. 1527–1549.
485. Zhu, Sen, Approximation of complex symmetric operators, **Math. Ann.** 364 (2016), pag. 373–399
Citeaza: Garcia, Stephan Ramon; Lutz, Bob; Timotin, Dan, *Two remarks about nilpotent operators of order two*, **Proc. Amer. Math. Soc.** **142** (2014), pag. 1749–1756.
486. Popescu, Gelu, Berezin transforms on noncommutative polydomains, **Trans. Amer. Math. Soc.** 368 (2016), pag. 4357–4416
Citeaza: Benhida, Chafiq; Timotin, Dan, *Automorphism invariance properties for certain families of multioperators*, **Operator theory live, Theta Ser. Adv. Math.**, **12** (2010), pag. 5–15.
487. Chalendar, Isabelle; Garcia, Stephan Ramon; Ross, William T.; Timotin, Dan, An extremal problem for characteristic functions, **Trans. Amer. Math. Soc.** 368 (2016), pag. 4115–4135
Citeaza: Bercovici, Hari; Timotin, Dan, *Factorizations of analytic self-maps of the upper half-plane*, **Ann. Acad. Sci. Fenn. Math.** **37** (2012), pag. 649–660.

488. Ko, Eungil; Lee, Ji Eun, On the dilation of truncated Toeplitz operators, **Complex Anal. Oper. Theory** 10 (2016), pag. 815–833
Citeaza: Chalendar, Isabelle; Timotin, Dan, *Commutation relations for truncated Toeplitz operators*, **Oper. Matrices** 8 (2014), pag. 877–888.
489. Bhattacharyya, T.; Sau, H., Explicit and unique construction of tetrablock unitary dilation in a certain case, **Complex Anal. Oper. Theory** 10 (2016), pag. 749–768
Citeaza: Li, W. S.; Timotin, D., *The central Ando dilation and related orthogonality properties*, **J. Funct. Anal.** 154 (1998), pag. 1–16.
490. Rosenfeld, Joel A., The Sarason sub-symbol and the recovery of the symbol of densely defined Toeplitz operators over the Hardy space, **J. Math. Anal. Appl.** 440 (2016), pag. 911–921
Citeaza: Mashreghi, Javad; Timotin, Dan, *Nonextreme de Branges-Rovnyak spaces as models for contractions*, **Integral Equations Operator Theory** 80 (2014), pag. 137–152.
491. M. Bahtiti, Fibre vectoriel de rang $2n+1$ sur l'espace P^{2n+2} , **arXiv: 1601.01769v4** (2016),
Citeaza: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math.** 1624, Springer Verlag (1996), pag. 180
492. Masaya Kawamura, On the C^∞ -convergence of the Solution of the Chern-Ricci Flow on Elliptic Surfaces, **Tokyo J. of Math.** , Vol. 39, Number 1 (2016), pag. 215 – 224
Citeaza: V. Brinzanescu, *Neron-Severi group for non-algebraic elliptic surfaces II: non-Kaehlerian case*, **Manuscripta Math.** 84 (1) (1994), pag. 415 – 420
493. A. Vicente Colmenares, Moduli spaces of semistable rank 2 co-Higgs bundles over P^1XP^1 **arXiv: 1604.01372v1** (2016),
Citeaza: M. Aprodu, V. Brinzanescu, *Stable rank-2 vector bundles over ruled surfaces*, **C. R. Math. Acad. Sci. Paris**, 325 (3) (1997), pag. 295 – 300
494. A. Vicente Colmenares, Moduli spaces of semistable rank 2 co-Higgs bundles over P^1XP^1 **arXiv: 1604.01372v1** (2016)
Citeaza: M. Aprodu, V. Brinzanescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya Math. J.** 154 (1999), pag. 111 – 122
495. A. Vicente Colmenares, Moduli spaces of semistable rank 2 co-Higgs bundles over P^1XP^1 **arXiv: 1604.01372v1** (2016),
Citeaza: M. Aprodu, V. Brinzanescu, M. Marchitan *Rank-two vector bundles on Hirzebruch surfaces*, **Central European J. Math.** 10 (4) (2012), pag. 1321 – 1330
496. A. Vicente Colmenares, Moduli spaces of semistable rank 2 co-Higgs bundles over P^1XP^1 **arXiv: 1604.01372v1** (2016),
Citeaza: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math.** 1624, Springer Verlag (1996), pag. 180
497. M. Aprodu, L. Costa, R. M. Miro-Roig, Rank-two vector bundles on non-minimal ruled surfaces,
arXiv: 1609.03181v2 (2016),

- Citeaza*: V. Brinzanescu, M. Stoia, *Topologically trivial algebraic 2-vector bundles on ruled surfaces I*, **Rev. Roum. Math. Pures et Appl.** **29** (8) (1984), pag. 661 – 673
498. M. Aprodu, L. Costa, R. M. Miro-Roig, Rank-two vector bundles on non-minimal ruled surfaces,
arXiv: 1609.03181v2 (2016),
Citeaza: Brinzanescu, V., *Holomorphic Vector Bundles over Compact Complex Surfaces*, **Lecture Notes in Math.** **1624**, Springer Verlag (1996), pag. 180
499. M. Aprodu, M. Marchitan, Priority omalous bundles on Hirzebruch surfaces, **J. Geom Phys.** **99** (2016), pag. 1 – 9
Citeaza: V. Brinzanescu, M. Stoia, *Topologically trivial algebraic 2-vector bundles on ruled surfaces I*, **Rev. Roum. Math. Pures et Appl.** **29** (8) (1984), pag. 661 – 673
500. M. Aprodu, M. Marchitan, Priority omalous bundles on Hirzebruch surfaces, **J. Geom Phys.** **99** (2016), pag. 1 – 9
Citeaza: V. Brinzanescu, M. Stoia, *Topologically trivial algebraic 2-vector bundles on ruled surfaces II*, in: **Algebraic Geometry, Bucharest 1982 (Bucharest, 1982)**, in: **Lecture Notes in Math.**, vol. **1056**, Springer, Berlin (1984), pag. 34 – 46
501. A. Kaur, On solving an isospectral flow, **J. of Comput. and Appl. Math.** **308** (2016), pag. 263 – 275
Citeaza: A.M. Bloch, V. Brinzanescu, A. Iserles, J.E. Marsden, T.S. Ratiu, *A class of integrable flows on the space of symmetric matrices*, **Commun. Math. Phys.** **290** (2009), pag. 399 – 435
502. A. Bolsinov, Argument shift method and sectional operators: applications to differential geometry,
arXiv: 1602.02955v1 (2016),
Citeaza: A.M. Bloch, V. Brinzanescu, A. Iserles, J.E. Marsden, T.S. Ratiu, *A class of integrable flows on the space of symmetric matrices*, **Commun. Math. Phys.** **290** (2009), pag. 399 – 435
503. K. Aleshkin, A. Izosimov, Euler equations on the general linear group, cubic curves, and inscribed hexagons,
arXiv: 1504.03032v2 (2016),
Citeaza: A.M. Bloch, V. Brinzanescu, A. Iserles, J.E. Marsden, T.S. Ratiu, *A class of integrable flows on the space of symmetric matrices*, **Commun. Math. Phys.** **290** (2009), pag. 399 – 435
504. D. Cox, A. Erskine, On closed graphs, II, **Involve, a Journal of Mathematics** **9**, 2016 No. 2, pag 333345
Citeaza: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Mathematische Nachrichten** **288** (2015) Issue 1, pag 19-24
505. D. Kiani, S. S. Madani, The CastelnuovoMumford regularity of binomial edge ideals, **Journal of Combinatorial Theory, Series A** **139**, 2016, Pages 8086
Citeaza: V. Ene, A. Zarojanu, *On the regularity of binomial edge ideals*, **Mathematische Nachrichten** **288** (2015) Issue 1, pag 19-24

506. D. Popescu, Stanley depth on five generated, squarefree, monomial ideals, **Bull. Math. Soc. Sci. Math. Roumanie** **59(107)**, 2016, pag 75-99
Citeaza: D. Popescu, A. Zarojanu, *Depth of some square free monomial ideals*, **Bull. Math. Soc. Sci. Math. Roumanie**, **56(104)** 2013, pag 117-124
507. D. Popescu, Stanley depth on five generated, squarefree, monomial ideals, **Bull. Math. Soc. Sci. Math. Roumanie** **59(107)**, 2016, pag 75-99
Citeaza: D. Popescu, A. Zarojanu, *Three generated, squarefree, monomial ideals* , **Bull. Math. Soc. Sci. Math. Roumanie**, **58(106)** 2015, pag 359-368
508. D. Popescu, Stanley depth on five generated, squarefree, monomial ideals, **Bull. Math. Soc. Sci. Math. Roumanie** **59(107)**, 2016, pag 75-99
Citeaza: D. Popescu, A. Zarojanu, *Depth of some special monomial ideals* , **Bull. Math. Soc. Sci. Math. Roumanie**, **56(104)** 2013, pag 365-368
509. D. Popescu, Stanley depth on five generated, squarefree, monomial ideals, **Bull. Math. Soc. Sci. Math. Roumanie** **59(107)**, 2016, pag 75-99
Citeaza: B. Ichim, A. Zarojanu, *An algorithm for computing the multigraded Hilbert depth of a module*, **Experimental Mathematics** **23** (2015) pag 322 – 331
510. D. Popescu, Depth in a pathological case, **Bull. Math. Soc. Sci. Math. Roumanie** **59(107)**, 2016, pag 187-195
Citeaza: D. Popescu, A. Zarojanu, *Depth of some square free monomial ideals*, **Bull. Math. Soc. Sci. Math. Roumanie**, **56(104)** 2013, pag 117-124
511. D. Popescu, Depth in a pathological case, **Bull. Math. Soc. Sci. Math. Roumanie** **59(107)**, 2016, pag 187-195
Citeaza: D. Popescu, A. Zarojanu, *Three generated, squarefree, monomial ideals* , **Bull. Math. Soc. Sci. Math. Roumanie**, **58(106)** 2015, pag 359-368
512. L. Katthn, Betti Posets and the Stanley Depth, **Arnold Mathematical Journal** **2**, 2016, pag 267-276
Citeaza: B. Ichim, A. Zarojanu, *An algorithm for computing the multigraded Hilbert depth of a module*, **Experimental Mathematics** **23** (2015) pag 322 – 331
513. Art M. Duval, Bennet Goeckner, Caroline J. Klivans, Jeremy L. Martin, A non-partitionable CohenMacaulay simplicial complex, **Advances in Mathematics** **299**, 2016, pag 381-395
Citeaza: B. Ichim, A. Zarojanu, *An algorithm for computing the multigraded Hilbert depth of a module*, **Experimental Mathematics** **23** (2015) pag 322 – 331
514. Xiushan Jiang; Xuemin Tian; Tianliang Zhang; Weihai Zhang, Robust quadratic stability and stabilizability of uncertain linear discrete-time stochastic systems with state delay, **Proceedings of the Chinese Control and Decision Conference (CCDC)**, (2016), DOI: 10.1109/CCDC.2016.7531256.
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, **carte Springer** (2006), pag. 442.

515. S Kong, W Chen, Optimal control for It-stochastic systems with multiple input and output delays, **IET Control Theory and Applications**, vol.10, nr.10 (2016), pag. 1187 – 1193.
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
516. F Stadtmann, OLV Costa, H_2 -Control of Continuous-Time Hidden Markov Jump Linear Systems, **IEEE Transactions on Automatic Control** 11 Octombrie (2016), DOI: 10.1109/TAC.2016.2616303
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
517. OL do Valle Costa, DZ Figueiredo, Quadratic control with partial information for discrete-time jump systems with the Markov chain in a general Borel space, **Automatica**, **66**, (2016), pag. 73 – 84.
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
518. S Das, K Goswami, BN Datta, Quadratic partial eigenvalue assignment in large-scale stochastic dynamic systems for resilient and economic design, **Mechanical Systems and Signal Processing**, **72-73**, (2016), pag. 359 – 375.
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
519. AM de Oliveira, OLV Costa, H_∞ -filtering design for discrete-time Markov Jump Systems with hidden parameters, **Proceedings to IEEE Conference on Control Applications (CCA)**, (2016), DOI: 10.1109/CCA.2016.7587939 .
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
520. R Samidurai, R Manivannan, Delay-range-dependent passivity analysis for uncertain stochastic neural networks with discrete and distributed time-varying delays, **Neurocomputing**, **185**, (2016), pag. 181 – 201.
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
521. M.G. Todorov, M.D. Fragoso, New methods for mode-independent robust control of Markov jump linear systems, **Systems and Control Letters**, **90**, (2016), pag. 38 – 44.
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
522. A.R.R. Narvaez, E.F. Costa, Average Reachability of Continuous-time Markov Jump Linear Systems and the Linear Minimum Mean Square Estimator, **SIAM Journal on Control and Optimization**, vol.54, nr. 4, (2016), DOI:10.1137/140972974.
Citeaza: Vasile Dragan, Toader Morozan, Adrian M. Stoica, Mathematical methods in robust control of linear stochastic systems, carte Springer (2006), pag. 442.
523. B. De Saporta, E. Costa, Approximate Kalman-Bucy filter for continuous-time semi-Markov jump linear systems, **IEEE Transactions on Automatic Control**, vol.61,

- nr.8, (2016), pag. 2035 – 2048.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
524. L Ma, T Zhang, W Zhang, H_∞ Control for Continuous-Time Mean-Field Stochastic Systems, **Asian Journal of Control**, (2016), DOI: 10.1002/asjc.1290.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
525. H Ma, Y Jia, Stability analysis for stochastic differential equations with infinite Markovian switchings, **Journal of Mathematical Analysis and Applications**, vol.435, nr.1, (2016), pag. 593 – 605.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
526. T Zhang, YH Wang, X Jiang, W Zhang, Robust Stability, Stabilization, and Control of a Class of Nonlinear Discrete Time Stochastic Systems, **Mathematical Problems in Engineering Volume 2016 (2016)**, Article ID 5185784, 11 pages, (2016), doi.org/10.1155/2016/5185784.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
527. E.S. Palamarchuk, Analysis of criteria for long-run average in the problem of stochastic linear regulator, **Automation and Remote Control**, vol.77,nr.10, (2016), pag. 1756 – 1767.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
528. T. Levajkovic, H. Mena, A. Tuffaha, A Numerical Approximation Framework for the Stochastic Linear Quadratic Regulator on Hilbert Spaces, **Applied Mathematics and Optimization**, (2016), DOI: 10.1007/s00245-016-9339-3.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of linear stochastic systems*, carte Springer (2006), pag. 442.
529. T Hou, H Ma, W Zhang, Spectral tests for observability and detectability of periodic Markov jump systems with nonhomogeneous Markov chain, **Automatica**, 63, (2016), pag. 175 – 181.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte Springer (2010), pag. 336.
530. J. Tao, H. Su, R. Lu, Z.G. Wu, Dissipativity-based filtering of nonlinear periodic Markovian jump systems: The discrete-time case, **Neurocomputing**, vol.171, (2016), pag. 807 – 814.
Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte Springer (2010), pag. 336.
531. H. Ma, T. Hou, J. Wang, Further Analysis on Observability of Stochastic Periodic Systems with Application to Robust Control, **Proceedings of 2016 Chinese Intelligent**

Systems Conference, vol.405, (2016), pag. 61 – 76.

Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, carte Springer (2010), pag. 336.

532. X. Song, J.H. Park, Linear quadratic regulation problem for discrete-time systems with multi-channel multiplicative noise, **Systems and Control Letters, vol.89**, (2016), pag. 74 – 82.

Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, carte Springer (2010), pag. 336.

533. H.Y, Fan, P.C.Y. Weng, E.K.W. Chu, Numerical solution to generalized Lyapunov/Stein and rational Riccati equations in stochastic control, **Numerical Algorithms, vol.71, nr. 2**, (2016), pag. 245 – 272.

Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, carte Springer (2010), pag. 336.

534. T. Hou, J. Wang, H. Ma, Bounded real lemma for discrete-time stochastic systems with infinite Markov jumps, **35th Chinese Control Conference (CCC)**, (2016), DOI: 10.1109/ChiCC.2016.7553365.

Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, carte Springer (2010), pag. 336.

535. M.G. Todorov, M.D. Fragoso, A new look at the robust control of discrete-time Markov jump linear systems, **International Journal of Control, vol.89, nr. 3**, (2016), pag. 518 – 534.

Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, carte Springer (2010), pag. 336.

536. M.G. Todorov, M.D. Fragoso, New methods for mode-independent robust control of Markov jump linear systems, **Systems and Control Letters, 90**, (2016), pag. 38 – 44.

Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, carte Springer (2010), pag. 336.

537. H. Ma, T. Hou, W. Zhang, Stability and structural properties of stochastic periodic systems: an operator-spectral approach, **American Control Conference (ACC)**, (2016), DOI: 10.1109/ACC.2016.7525518 .

Citeaza: Vasile Dragan, Toader Morozaan, Adrian M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, carte Springer (2010), pag. 336.

538. A.R.R. Narvaez, E.F. Costa, Average Reachability of Continuous-time Markov Jump Linear Systems and the Linear Minimum Mean Square Estimator, **SIAM Journal on**

Control and Optimization, vol.54, nr. 4, (2016), DOI:10.1137/140972974.

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

539. B. De Saporta, E. Costa, Approximate Kalman-Bucy filter for continuous-time semi-Markov jump linear systems, **IEEE Transactions on Automatic Control**, vol.61, nr.8, (2016), pag. 2035 – 2048.

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

540. T. Hou, H. Ma, A small gain theorem for discrete-time stochastic periodic systems, **12th IEEE International Conference on Control and Automation (ICCA)**, (2016), DOI: 10.1109/ICCA.2016.7505290 .

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

541. J.J. Trujillo, V.M. Ungureanu, Optimal control of discrete-time linear fractional order systems with multiplicative noise, **arXiv:1605.04110 [math.OC]**, (2016),

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

542. V.M. Ungureanu, M.R. Buneci, Mean Square Stability of Discrete-Time Fractional Order Systems With Multiplicative Noise, **Theory and Applications of Non-integer Order Systems**, vol.407, (2016), pag. 123 – 133.

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

543. J. Liu, L. Wang, J. Zhang, The solution bounds and fixed point iterative algorithm for the discrete coupled algebraic Riccati equation applied to automatic control, **IMA Journal of Mathematical Control and Information**, (2016), doi: 10.1093/imamci/dnw012.

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

544. T. Zhang, Y.H. Wang, X. Jiang, W. Zhang, Robust Stability, Stabilization, and Control of a Class of Nonlinear Discrete Time Stochastic Systems, **Mathematical Problems in Engineering Volume 2016 (2016)**, Article ID 5185784, 11 pages (2016), pag. doi.org/10.1155/2016/5185784.

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

545. A.V. Yurchenkov, A.Y. Kustov, A.P. Kurdyukov, Anisotropy-based bounded real lemma for discrete-time systems with multiplicative noise, **Doklady Mathematics**, vol.93,nr.2,

(2016), pag. 238 – 240.

Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.

546. M. Tabarraie, SAKHM Niapour, B. Shafai, Robust L^∞ -induced filtering and deconvolution of a wide class of linear discrete-time stochastic systems, **Signal Processing**, vol.122, (2016), pag. 123 – 227.
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.
547. A.Y. Kustov, A.P. Kurdyukov, A.V. Yurchenkov, On the Anisotropy-Based Bounded Real Lemma Formulation for the Systems with Disturbance-Term Multiplicative Noise, **IFAC-PapersOnLine**, vol.49,nr.13, (2016), pag. 65 – 69.
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.
548. A Kustov, Anisotropic norm boundedness conditions for systems with multiplicative noise, **International Conference Stability and Oscillations of Nonlinear Control Systems (Pyatnitskiy’s Conference)**, (2016), DOI: 10.1109/STAB.2016.7541205.
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.
549. X Jiang, X Tian, W Zhang, Robust Quadratic Stabilizability and H_∞ control of Uncertain Linear Discrete-Time Stochastic Systems with State Delay, **Mathematical Problems in Engineering Volume 2016 (2016)**, Article ID 5185784, 11 pages (2016), doi.org/10.1155/2016/5185784.
Citeaza: Vasile Dragan, Toader Moroza, Adrian M. Stoica, *Mathematical methods in robust control of discrete-time linear stochastic systems*, carte **Springer** (2010), pag. 336.
550. A.G. Wu, X. Wang, V. Sreeram, An iterative algorithm for solving continuous stochastic Lyapunov equations, **IET Control Theory and Applications**, (2016), DOI:10.1049.ietcta.2016.0670.
Citeaza: V Dragan, T Moroza, *Stability and robust stabilization to linear stochastic systems described by differential equations with Markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** , vol 20, nr.1, (2002), pag. 33 – 92.
551. J Song, S He, F Liu, Y Niu, Z Ding, Data-driven policy iteration algorithm for optimal control of continuous-time It stochastic systems with Markovian jumps, **IET Control Theory and Applications**, vol.10, nr. 12, (2016), pag. 1431 – 1439.
Citeaza: V Dragan, T Moroza, *The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping*, **IEEE Transactions on Automatic Control**, vol.49, nr.5, (2004), pag. 665 – 675.
552. J Xu, P Shi, CC Lim, C Cai, A descriptor-system approach for finite-frequency H_8 control of singularly perturbed systems, **Information Sciences**, Vol. 370371, mr. 20, (2016),

pag. 79 – 91.

*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.

553. C Cai, Z Wang, J Xu, Y Zou, Finite Frequency H_∞ Control for Singularly Perturbed Systems, **Finite Frequency Analysis and Synthesis for Singularly Perturbed Systems**, vol.73, (2016), pag. 67 – 118.

*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.

554. D Liu, Y Yang, Y Zhang, Robust fault estimation for singularly perturbed systems with Lipschitz nonlinearity, **Journal of the Franklin Institute**, vol.353, nr.4, (2016), pag. 876 – 890.

*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.

555. A.N. Vargas, G. Pujol, L. Acho, Stability of Markov jump systems with quadratic terms and its application to RLC circuits. **Journal of the Franklin Institute**, (2016), doi.org/10.1016/j.jfranklin.2016.08.031.

Citeaza: V Dragan, T Morozan, A Stoica, *H_2 optimal control for linear stochastic systems*, **Automatica**, vol.40, nr. 7, (2004), pag. 1103 – 1113.

556. S Pushpak, A Diwadkar, U Vaidya, Mean Square Stability-based Analysis and Synthesis of Continuous-Time Linear Stochastic Networks, **arXiv preprint arXiv:1602.02857**, (2016).

Citeaza: V Dragan, A Halanay, A Stoica,, *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, Vol. 30, nr. 5, (1997), pag.243 – 251.

557. S Pushpak, A Diwadkar, U Vaidya, Stochastic Stability Analysis and Synthesis of Continuous-Time Linear Networked Systems, **arXiv preprint arXiv:1602.02857**, (2016).

Citeaza: V Dragan, A Halanay, A Stoica,, *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, Vol. 30, nr. 5, (1997), pag.243 – 251.

558. A Diwadkar, U Vaidya, Synchronization of nonlinear systems with dissipative nonlinearity over large-scale stochastic networks, **Indian Control Conference (ICC)**, (2016), DOI: 10.1109/INDIANCC.2016.7441128.

Citeaza: V Dragan, A Halanay, A Stoica,, *A small gain theorem for linear stochastic systems*, **Systems and Control Letters**, Vol. 30, nr. 5, (1997), pag.243 – 251.

559. J Liu, L Wang, J Zhang, New matrix bounds and iterative algorithms for the discrete coupled algebraic Riccati equation, **International Journal of Control**, (2016), doi.org/10.1080/00207179.2016.1245867.

Citeaza: V. Dragan, *The linear quadratic optimization problem for a class of singularly perturbed stochastic systems*, **International Journal of Innovative Computing, Information and Control**, vol.1,nr.1, (2005), pag. 53 – 68.

560. J Zhang, J Liu, H Huang, Lower Eigenvalue Bounds on Summation for the Solution of the Lyapunov Matrix Differential Equation, **Asian Journal of Control**, (2016), DOI: 10.1002/asjc.1369.
Citeaza: V. Dragan, *The linear quadratic optimization problem for a class of singularly perturbed stochastic systems*, **International Journal of Innovative Computing, Information and Control**, vol.1,nr.1, (2005), pag. 53 – 68.
561. J Zhang, J Liu, Y Zha, The improved eigenvalue bounds for the solution of the discrete algebraic Riccati equation, **IMA Journal of Mathematical Control and Information**, (2016), doi: 10.1093/imamci/dnv074.
Citeaza: V. Dragan, *The linear quadratic optimization problem for a class of singularly perturbed stochastic systems*, **International Journal of Innovative Computing, Information and Control**, vol.1,nr.1, (2005), pag. 53 – 68.
562. L.I. Allerhand, E. Gershon, U. Shaked, Robust state-feedback control of stochastic state-multiplicative discrete-time linear switched systems with dwell time, **International Journal of Robust and Nonlinear Control**, vol.26, nr.2, (2016), pag. 187 – 200.
Citeaza: V Dragan, A Stoica , *A γ -attenuation problem for discrete-time time-varying stochastic systems with multiplicative noise*, **Proceedings of the 37th IEEE Conference on Decision and Control**, (1998), pag. 796 – 797.
563. T Hou, H Ma, W Zhang, Spectral tests for observability and detectability of periodic Markov jump systems with nonhomogeneous Markov chain, **Automatica**, vol.63, (2016), pag. 175 – 181.
Citeaza: V Dragan, T Morozan, *Observability and detectability of a class of discrete-time stochastic linear systems*, **IMA Jnl of Maths. Control and Information**, Vol. 23, nr. 3, (2006), pag. 371 –394.
564. N.D. Powel, Noise-Enabled Observability of Nonlinear Dynamic Systems Using the Empirical Observability Gramian, **digital.lib.washington.edu, collections: Aeronautics and astronautics** (2016).
Citeaza: V Dragan, T Morozan, *Observability and detectability of a class of discrete-time stochastic linear systems*, **IMA Jnl of Maths. Control and Information**, Vol. 23, nr. 3, (2006), pag. 371 –394.
565. N.D. Powel, Noise-Enabled Observability of Nonlinear Dynamic Systems Using the Empirical Observability Gramian, **digital.lib.washington.edu, collections: Aeronautics and astronautics** (2016).
Citeaza: V. Dragan, T. Morozan, *Stochastic observability and applications.*, **IMA Journal of Maths. Control and Information**, Vol. 21, nr. 3, (2004), pag. 323–344.
566. A.N. Vargas, E.F. Costa, J.B.R. do Val, Preliminaries, **Advances in the Control of Markov Jump Linear Systems with No Mode Observation**, Part of the series **Springer Briefs in Electrical and Computer Engineering**, (2016), pag. 1 – 5.
Citeaza: V Dragan, T Morozan, *Exponential stability in mean square for a general class of discrete-time linear stochastic systems*, **Stochastic Analysis and Applications**, Vol. 26, nr. 3, (2008), pag. 495 – 525.

567. I Ivanov, L Imsland, B Bogdanova, Iterative algorithms for computing the feedback Nash equilibrium point for positive systems, **International Journal of Systems Science**, vol.48, nr. 4, (2016), pag. 729 – 737.
Citeaza: V Dragan, T Damm, G Freiling, T Morozan, *Differential equations with positive evolutions and some applications*, **Math. Results**, (2005), pag. 206 – 236.
568. L Socha, Stability of singularly perturbed nonlinear stochastic hybrid systems, **Stochastic Analysis and Applications**, vol.34, nr.3, (2016), pag. 365 – 388.
Citeaza: V Dragan, T Morozan, P Shi, *Asymptotic properties of input-output operators norm associated with singularly perturbed systems with multiplicative white noise*, **SIAM Journal on control and optimization**, vol.41, nr. 1, (2002), pag. 141– 163.
569. T Hou, H Ma, W Zhang, Spectral tests for observability and detectability of periodic Markov jump systems with nonhomogeneous Markov chain, **Automatica**, vol.63, (2016), pag. 175 – 181.
Citeaza: S Aberkane, V Dragan,, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
570. L Zhang, T Yang, P Shi, Y Zhu, Analysis and design of Markov jump systems with complex transition probabilities, **Book Studies in Systems, Decision and Control**, vol.54, Editura Springer, (2016), 263 pages.
Citeaza: S Aberkane, V Dragan,, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
571. J. Tao, H. Su, R. Lu, Z.G. Wu, Dissipativity-based filtering of nonlinear periodic Markovian jump systems: The discrete-time case, **Neurocomputing**, vol.171, (2016), pag. 807 – 814.
Citeaza: S Aberkane, V Dragan,, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
572. T Hou, J Wang, H Ma, Bounded real lemma for discrete-time stochastic systems with infinite Markov jumps, **35th Chinese Control Conference (CCC)**, (2016), DOI: 10.1109/ChiCC.2016.7553365.
Citeaza: S Aberkane, V Dragan,, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
573. J. Ma, S. Wang, J. Wu, P. Guo, J.S. Thorp, Time-delay stability control strategy considering the jump characteristic of power system, **IET Generation, Transmission and Distribution**, (2016), DOI: 10.1049/iet-gtd.2016.0790.
Citeaza: S Aberkane, V Dragan, *H_∞ filtering of periodic Markovian jump systems: Application to filtering with communication constraints*, **Automatica**, Vol. 48, nr. 12, (2012), pag. 3151– 3156.
574. J Zhu, G Zhang, W Xie, Jump linear quadratic Gaussian problem for a class of nonhomogeneous Markov jump linear systems, **Optimal Control Applications and Methods**,

(2016), DOI: 10.1002/oca.2271.

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

575. J Xu, P Shi, CC Lim, C Cai, A descriptor-system approach for finite-frequency H_8 control of singularly perturbed systems, **Information Sciences**, vol. 370–371, (2016), pag. 79 – 91.

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.

576. Chunyu Yang, Linna Zhou, H_∞ Control and ε e -Bound Estimation of Discrete-Time Singularly Perturbed Systems, **Circuits, Systems and Signal Processing**, vol. 35, nr.7, (2016), pag. 2640–2654.

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.

577. Yueying Wang, Quanbao Wang, Dengping Duan, H_∞ filtering for singularly perturbed systems with variable sampling and missing measurements, **IMA J Math Control Info.**, vol. 33, nr. 2, (2016), pag. 485– 495.

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.

578. Y Yang, Y Liang, Q Pan, Y Qin, F Yang, Distributed fusion estimation with square-root array implementation for Markovian jump linear systems with random parameter matrices and cross-correlated noises, **Information Sciences**, vol.370–371, (2016), pag. 446 – 462.

Citeaza: AM Stoica, V Dragan, I Yaesh, *KalmanType Filtering for Stochastic Systems with StateDependent Noise and Markovian Jumps*, **15th IFAC Symposium on System Identification**, vol.42, nr.10, (2009), pag. 1375 – 1380.

579. I.G. Ivanov, B.C. Bogdanova, The Iterative Solution to Discrete-Time H_8 Control Problems for Periodic Systems, **Algorithms**, 9, (1) (2016), doi:10.3390/a9010020.

Citeaza: V Dragan, T Morozan, AM Stoica, *Iterative algorithm to compute the maximal and stabilising solutions of a general class of discrete-time Riccati-type equations*, **International Journal of Control**, vol.83, nr. 4, (2010), pag. 837 – 847.

580. I.G. Ivanov, B.C. Bogdanova, The Iterative Solution to Discrete-Time H_8 Control Problems for Periodic Systems, **Algorithms**, 9, (1) (2016), doi:10.3390/a9010020.

*Citeaza:*V Dragan, I Ivanov, *A numerical procedure to compute the stabilising solution of game theoretic Riccati equations of stochastic control* **International Journal of Control**, vol.84, nr. 4, (2011), pag. 783 – 800.

581. J Song, S He, Z Ding, F Liu, A new iterative algorithm for solving H_8 control problem of continuous-time Markovian jumping linear systems based on online implementation, **International Journal of Robust and Nonlinear Control**, vol.26, nr. 17, (2016),

pag. 3737– 3754.

Citeaza: V Dragan, I Ivanov, *A numerical procedure to compute the stabilising solution of game theoretic Riccati equations of stochastic control* **International Journal of Control**, vol.84, nr. 4, (2011), pag. 783 – 800.

582. H Ma, Y Jia, Stability analysis for stochastic differential equations with infinite Markovian switchings, **Journal of Mathematical Analysis and Applications**, vol.435, nr.1, (2016), pag. 593– 605.

Citeaza: V Dragan, T Morozan, *Criteria for exponential stability of linear differential equations with positive evolution on ordered Banach spaces*, **IMA Journal of Mathematical Control and Information**, vol. 27, nr. 3, (2010), pag. 267 – 307.

583. Y Xu, R Lu, H Peng, J Chen, Passive filter design for periodic stochastic systems with quantized measurements and randomly occurring nonlinearities, **Journal of the Franklin Institute**, vol.353, nr. 1, (2016), pag. 144– 159.

Citeaza: V Dragan, T Morozan, *Stochastic H_2 optimal control for a class of linear systems with periodic coefficients*, **European journal of control**, vol.11, nr. 6, (2005), pag. 619 – 631.

584. I.G. Ivanov, B.C. Bogdanova, The Iterative Solution to Discrete-Time H_8 Control Problems for Periodic Systems, **Algorithms**, 9, (1) (2016), doi:10.3390/a9010020.

Citeaza: V Dragan, I.G. Ivanov, *Computation of the stabilizing solution of game theoretic Riccati equation arising in stochastic H_8 control problems*, **Numerical Algorithms**, vol.57, nr. 3, (2011), pag. 357 – 375.

585. H.N. Zhu, C.K. Zhang, Finite horizon linear quadratic dynamic games for discrete-time stochastic systems with N-players, **Operations Research Letters**, vol. 44, nr. 3, (2016), pag. 307– 312.

Citeaza: H Mukaidani, H Xu, V Dragan, *Stochastic Nash games for weakly coupled large scale discrete-time systems with state-and control-dependent noise*, **49th IEEE Conference on Decision and Control (CDC)**, (2010), DOI: 10.1109/CDC.2010.5717611.

586. W Li, Y Jia, J Du, Tobit Kalman filter with time-correlated multiplicative measurement noise, **IET Control Theory and Applications**, (2016), DOI: 10.1049/iet-cta.2016.0624.

Citeaza: V. Dragan, *Optimal filtering for discrete-time linear systems with multiplicative white noise perturbations and periodic coefficients*, **IEEE Transactions on Automatic Control**, 58, (2013), pag. 1029 –1034.

587. M Li, L Zhang, D Chu, Optimal Estimation for Systems with Multiplicative Noises, Random Delays and Multiple Packet Dropouts, **IET Signal Processing**, vol.10, nr. 8, (2016), pag. 880 – 887.

Citeaza: V. Dragan, *Optimal filtering for discrete-time linear systems with multiplicative white noise perturbations and periodic coefficients*, **IEEE Transactions on Automatic Control**, 58, (2013), pag. 1029 –1034.

588. X Song, JH Park, Linear minimum mean-square estimation for discrete-time measurement-delay systems with multiplicative noise and Markov jump, **IET Control Theory and Applications**, vol.10, nr.10, (2016), pag. 1161 – 1169.

Citeaza: V. Dragan, *Optimal filtering for discrete-time linear systems with multiplicative*

- white noise perturbations and periodic coefficients*, **IEEE Transactions on Automatic Control**, **58**, (2013), pag. 1029 –1034.
589. Y Sun, F Jing, Z Liang, M Tan, MMSE State Estimation Approach for Linear Discrete-Time Systems with Time-Delay and Multi-Error Measurements, **IEEE Transaction on Automatic Control**, (2016), DOI: 10.1109/TAC.2016.2581479 .
Citeaza: V. Dragan, Optimal filtering for discrete-time linear systems with multiplicative white noise perturbations and periodic coefficients, **IEEE Transactions on Automatic Control**, **58**, (2013), pag. 1029 –1034.
590. J. Tao, R. Lu, P. Shi, H. Su, Z.G. Wu, Dissipativity-Based Reliable Control for Fuzzy Markov Jump Systems With Actuator Faults, **IEEE Transactions on Cybernetics**, (2016), DOI: 10.1109/TCYB.2016.2584087 .
Citeaza: T Morozan, V Dragan, 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, **Stochastic Analysis and Applications**, **vol.32, nr.5**, (2014), pag. 776 – 801.
591. T Hou, J Wang, H Ma, Bounded real lemma for discrete-time stochastic systems with infinite Markov jumps, **35th Chinese Control Conference (CCC)**, (2016), DOI: 10.1109/ChiCC.2016.7553365.
Citeaza: T Morozan, V Dragan, 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, **Stochastic Analysis and Applications**, **vol.32, nr.5**, (2014), pag. 776 – 801.
592. H Ma, Y Jia, Stability analysis for stochastic differential equations with infinite Markovian switchings, **Journal of Mathematical Analysis and Applications**, **vol.435, nr.1**, (2016), pag. 593– 605.
Citeaza: T Morozan, V Dragan, 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, **Stochastic Analysis and Applications**, **vol.32, nr.5**, (2014), pag. 776 – 801.
593. D. Astolfi, Observers and Robust Output Regulation for Nonlinear Systems, **Alma Mater Studiorum Universit di Bologna Alma Mater Studiorum Universit di Bologna in cotutela con Universit de recherche Paris Sciences et Lettres MINES Paris Tech.**, (2016), teza de doctorat.
Citeaza: V. Dragan, A small gain theorem for time-varying systems, **Applied Mathematics Letters**, **vol.6, nr.5**, (1993), pag. 75 – 77.
594. H. Zhang, G. Zhang, J. Wang, Observer Design for LPV Systems With Uncertain Measurements on Scheduling Variables: Application to an Electric Ground Vehicle, **IEEE/ASME Transactions on Mechatronics**, **vol.21, nr.3**, (2016), pag. 1659 – 1670.
Citeaza: V. Dragan, A.M. Stoica, Optimal H_2 filtering for a class of linear stochastic systems with sampling, **Automatica**, **48**, (2012), pag. 2494 – 2501.
595. T Hou, H Ma, W Zhang, Spectral tests for observability and detectability of periodic Markov jump systems with nonhomogeneous Markov chain, **Automatica**, **63**, (2016),

pag. 175 – 181.

Citeaza: V Dragan, T Morozan, AM Stoica, *Output-based H_2 optimal controllers for a class of discrete-time stochastic linear systems with periodic coefficients*, **Int. J. Robust Nonlinear Control** vol.25, nr. 13, (2015), pag. 1897–1926.

596. H Ma, Y Jia, Stability analysis for stochastic differential equations with infinite Markovian switchings, **Journal of Mathematical Analysis and Applications**, vol.435, nr.1, (2016), pag. 593– 605.

Citeaza: V Dragan, T Morozan, V Ungureanu, *Some Lyapunov type positive operators on ordered Banach spaces*, **Ann. Acad. Rom. Sci. Math. Appl. Vol. 5, No. 1-2** , (2013), pag. 65 – 107.

597. J. Tonne, O. Stursberg, Constrained Model Predictive Control of Processes with Uncertain Structure Modeled by Jump Markov Linear Systems, **Chapter- Variable-Structure Approaches in Mathematical Engineering, Springer**, (2016), pag. 335– 361.

Citeaza: S Chitraganti, S Aberkane, C Aubrun, G. Valencia-Palomo, Vasile Dragan, *On control of discrete-time state-dependent jump linear systems with probabilistic constraints: A receding horizon approach*, **Systems and Control Letters**, vol.74, (2014), pag. 81–89.

598. I.G. Ivanov, B.C. Bogdanova, The Iterative Solution to Discrete-Time H_8 Control Problems for Periodic Systems, **Algorithms**, 9, (1) (2016), doi:10.3390/a9010020.

Citeaza: V Dragan, S Aberkane, IG Ivanov, *On computing the stabilizing solution of a class of discrete-time periodic Riccati equations*, **Int. J. Robust Nonlinear Control**, vol.25, nr. 7, (2015), pag. 1066–1093.

599. L Socha, Stability of singularly perturbed nonlinear stochastic hybrid systems, **Stochastic Analysis and Applications**, vol.34, nr. 3 , (2016), pag. 365– 388.

Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_8 approach*, **Automatica**, 35, (1999), pag. 1369–1378.

600. C Cai, Z Wang, J Xu, Y Zou, Finite Frequency H_{∞} Control for Singularly Perturbed Systems, **Finite Frequency Analysis and Synthesis for Singularly Perturbed Systems**, vol. 78, (2016), pag. 67– 118.

Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_8 approach*, **Automatica**, 35, (1999), pag. 1369–1378.

601. R Gao, X Liu, H Zhang, A necessary and sufficient stabilization condition for discrete time-varying stochastic systems with multiplicative noise, **Control Theory and Technology**, vol.14, nr.2, (2016), pag. 151 –158.

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**, vol.53, nr.1, (2015), pag. 30 – 57.

602. I Ivanov, L Imsland, B Bogdanova, Iterative algorithms for computing the feedback Nash equilibrium point for positive systems, **International Journal of Systems Science** vol.48, nr. 4, (2016), pag. 729– 737.

- Citeaza*: V Dragan, T Damm, G Freiling, *Lyapunov iterations for coupled Riccati differential equations arising in connection with Nash differential games*, **Mathematical Reports**, vol.9, 59, nr.1, (2007), pag. 35–46.
603. I.G.Ivanov, N. Netov, The Nash equilibrium point in the LQ game on positive systems with two players, **International Journal of Mathematical and Computational Methods**, vol.1, (2016), pag. 242–246.
Citeaza: V Dragan, T Damm, G Freiling, *Lyapunov iterations for coupled Riccati differential equations arising in connection with Nash differential games*, **Mathematical Reports**, vol.9, 59, nr.1, (2007), pag. 35–46.
604. L Zhang, X Yin, Z Ning, D Ye, Robust Filtering for a Class of Networked Nonlinear Systems With Switching Communication Channels, **IEEE Transactions on Cybernetics**, (2016), DOI: 10.1109/TCYB.2016.2523811.
Citeaza: H Mukaidani, H Xu, V Dragan, *Decentralized Control for Multi-Channel Stochastic Systems*, **IEEE Trans. on Automatic Control**, vol.60, nr. 4, (2015), pag. 1080–1096.
605. X Yin, L Zhang, Y Zhu, C Wang, Z Li, Robust Control of Networked Systems with Variable Communication Capabilities and Application to a Semi-Active Suspension System, **IEEE/ASME Transactions on Mechatronics**, vol.21, nr.4, (2016), pag. 2097–2107.
Citeaza: H Mukaidani, H Xu, V Dragan, *Decentralized Control for Multi-Channel Stochastic Systems*, **IEEE Trans. on Automatic Control**, vol.60, nr. 4, (2015), pag. 1080–1096.
606. Y Xu, R Lu, H Peng, J Chen, Passive filter design for periodic stochastic systems with quantized measurements and randomly occurring nonlinearities, **Journal of the Franklin Institute**, vol.353, nr. 1, (2016), pag. 144–159.
Citeaza: V Dragan, S Aberkane, *H_2 optimal filtering for continuous-time periodic linear stochastic systems with state-dependent noise*, **Systems and Control Letters**, vol.66, (2014), pag. 35–42.
607. I.G. Ivanov, B.C. Bogdanova, The Iterative Solution to Discrete-Time H_8 Control Problems for Periodic Systems, **Algorithms**, 9, (1) (2016), doi:10.3390/a9010020.
Citeaza: V Dragan, S Aberkane, IG Ivanov, *An iterative procedure for computing the stabilizing solution of discrete-time periodic Riccati equations with an indefinite sign*, **21st International Symposium on Mathematical Theory of Networks and Systems**, (2014), pag. 176 – 183.
608. C.Bertone, F.Cioffi, M.Guida, M.Roggero, The scheme of liftings and applications, **Journal of Pure and Applied Algebra** (2016), pag. 34 – 54
Citeaza: A.Constantinescu, *Parametrizations of Ideals of $k[x, y]$ and $k[x, y, z]$* , **Journal of Algebra** 346 (2011), pag. 1 – 30.
609. J.Samper, Relaxations of the matroid axioms I: Independence, Exchange and Circuits, **rDMTCS Proceedings, Assoc. Discrete Math. Theor. Comput. Sci** (2016)
Citeaza: A.Constantinescu, M.Varbaro, T.Kahle, *Generic and Special Constructions of Pure O -sequences*, **Bulletin of the London Mathematical Society** 104, (2014), pag. 924 – 942.

610. N.Hajisharifi, A.Soleyman Jahan, S.Yassemi, Very well-covered graphs and their h -vectors, **Acta Mathematica Hungarica** (2016), pag. 455 – 467
Citeaza: A.Constantinescu, M.Varbaro *On the h -vectors of Cohen-Macaulay Flag Complexes* (with M.Varbaro) **Mathematica Scandinavica**, vol. 112, (2013), pp. 87–111.
611. Medina, J and Ojeda-Aciego, M and Pócs, J and Ramírez-Poussa, E, On the Dedekind–MacNeille completion and formal concept analysis based on multilattices, **Fuzzy Sets and Systems** **303** (2016), pag. 1 – 20
Citeaza: George Georgescu and Andrei Popescu, *Concept lattices and similarity in non-commutative fuzzy logic*, **Fundam. Inform.** **53** (2002), pag. 23 – 54
612. Yao, Wei and Han, Sang-Eon and Wang, Rongxin, Lattice-theoretic contexts and their concept lattices via Galois ideals, **Information Sciences** **339** (2016), pag. 1 – 18
Citeaza: George Georgescu and Andrei Popescu, *Concept lattices and similarity in non-commutative fuzzy logic*, **Fundam. Inform.** **53** (2002), pag. 23 – 54
613. Yao, Wei and Han, Sang-Eon and Wang, Rongxin, Lattice-theoretic contexts and their concept lattices via Galois ideals, **Information Sciences** **339** (2016), pag. 1 – 18
Citeaza: George Georgescu and Andrei Popescu, *Non-commutative fuzzy Galois connections*, **Soft Comput.** **7** (2003), pag. 458 – 467
614. Yao, Wei and Han, Sang-Eon and Wang, Rongxin, Lattice-theoretic contexts and their concept lattices via Galois ideals, **Information Sciences** **339** (2016), pag. 1 – 18
Citeaza: Andrei Popescu, *A general approach to fuzzy concepts*, **Math. Log. Q.** **50** (2004), pag. 265 – 280
615. Yao, Wei and Han, Sang-Eon and Wang, Rongxin, Lattice-theoretic contexts and their concept lattices via Galois ideals, **Information Sciences** **339** (2016), pag. 1 – 18
Citeaza: George Georgescu and Andrei Popescu, *Non-dual fuzzy connections*, **Arch. Math. Log.** **43** (2004), pag. 1009 – 1039
616. Federico Gabriel Alminana and Mathias Exequiel Pelayes, Similarity DH-Algebras, **Journal of Algebraic Structures and Their Applications** **2** (2015), pag 59–71 *Citeaza*: George Georgescu and Andrei Popescu, *Concept lattices and similarity in non-commutative fuzzy logic*, **Fundam. Inform.** **53** (2002), pag. 23 – 54
617. Li, Lifeng, Multi-level interval-valued fuzzy concept lattices and their attribute reduction, **International Journal of Machine Learning and Cybernetics** (2016), pag. 1 – 12
Citeaza: George Georgescu and Andrei Popescu, *Non-commutative fuzzy Galois connections*, **Soft Comput.** **7** (2003), pag. 458 – 467
618. Li, Lifeng, Multi-level interval-valued fuzzy concept lattices and their attribute reduction, **International Journal of Machine Learning and Cybernetics** (2016), pag. 1 – 12
Citeaza: George Georgescu and Andrei Popescu, *Non-dual fuzzy connections*, **Arch. Math. Log.** **43** (2004), pag. 1009 – 1039
619. Guo, Lankun and Li, Qingguo and Zhang, Guo-Qiang, A Note on L-fuzzy Closure Systems, **International Journal of Fuzzy Systems** **18** (2016), pag. 110 – 118
Citeaza: George Georgescu and Andrei Popescu, *Non-commutative fuzzy Galois connections*, **Soft Comput.** **7** (2003), pag. 458 – 467

620. Shao, Ming-Wen and Leung, Yee and Wang, Xi-Zhao and Wu, Wei-Zhi, Granular reducts of formal fuzzy contexts, **Knowledge-Based Systems** **114** (2016), pag. 1461 – 1474
Citeaza: Andrei Popescu, A general approach to fuzzy concepts, Math. Log. Q. 50 (2004), pag. 265 – 280
621. Shao, Ming-Wen and Leung, Yee and Wang, Xi-Zhao and Wu, Wei-Zhi, Granular reducts of formal fuzzy contexts, **Knowledge-Based Systems** **114** (2016), pag. 1461 – 1474
Citeaza: George Georgescu and Andrei Popescu, Non-dual fuzzy connections, Arch. Math. Log. 43 (2004), pag. 1009 – 1039
622. Dubois, Didier and Prade, Henri, Bridging gaps between several forms of granular computing, **Granular Computing** **1** (2016), pag. 115 – 126
Citeaza: Andrei Popescu, A general approach to fuzzy concepts, Math. Log. Q. 50 (2004), pag. 265 – 280
623. Dubois, Didier and Prade, Henri, Bridging gaps between several forms of granular computing, **Granular Computing** **1** (2016), pag. 115 – 126
Citeaza: George Georgescu and Andrei Popescu, Non-dual fuzzy connections, Arch. Math. Log. 43 (2004), pag. 1009 – 1039
624. Singh, Prem Kumar and Kumar, C Aswani and Li, Jinhai, Knowledge representation using interval-valued fuzzy formal concept lattice, **Soft Computing** **20** (2016), pag. 1485 – 1502
Citeaza: Andrei Popescu, A general approach to fuzzy concepts, Math. Log. Q. 50 (2004), pag. 265 – 280
625. Li, Kewen and Shao, Ming-Wen and Wu, Wei-Zhi, A data reduction method in formal fuzzy contexts, **International Journal of Machine Learning and Cybernetics** (2016), pag. 1 – 11
Citeaza: Andrei Popescu, A general approach to fuzzy concepts, Math. Log. Q. 50 (2004), pag. 265 – 280
626. Li, Kewen and Shao, Ming-Wen and Wu, Wei-Zhi, A data reduction method in formal fuzzy contexts, **International Journal of Machine Learning and Cybernetics** (2016), pag. 1 – 11
Citeaza: George Georgescu and Andrei Popescu, Non-dual fuzzy connections, Arch. Math. Log. 43 (2004), pag. 1009 – 1039
627. Bartl, Eduard and Konecny, Jan, L-concept analysis with positive and negative attributes, **Information Sciences** **360** (2016)
Citeaza: Andrei Popescu, A general approach to fuzzy concepts, Math. Log. Q. 50 (2004), pag. 265 – 280
628. Bartl, Eduard and Konecny, Jan, L-concept analysis with positive and negative attributes, **Information Sciences** **360** (2016)
Citeaza: George Georgescu and Andrei Popescu, Non-dual fuzzy connections, Arch. Math. Log. 43 (2004), pag. 1009 – 1039
629. Ciobanu, Gabriel and Văideanu, Cristian, An efficient method to factorize fuzzy attribute-oriented concept lattices, **Fuzzy Sets and Systems** (2016)

- Citeaza*: Andrei Popescu, *A general approach to fuzzy concepts*, **Math. Log. Q.** **50** (2004), pag. 265 – 280
630. Cornejo, M Eugenia and Medina, Jesús and Ramírez-Poussa, Eloísa, Adjoint negations, more than residuated negations, **Information Sciences** **345** (2016), pag. 355 – 371
Citeaza: George Georgescu and Andrei Popescu, *Non-commutative fuzzy structures and pairs of weak negations*, **Fuzzy Sets and Systems** **143** (2004), pag. 129 – 155
631. Vychodil, Vilem, Parameterizing the semantics of fuzzy attribute implications by systems of isotone Galois connections, **IEEE Transactions on Fuzzy Systems** **24** (2016), pag. 645 – 660
Citeaza: George Georgescu and Andrei Popescu, *Non-dual fuzzy connections*, **Arch. Math. Log.** **43** (2004), pag. 1009 – 1039
632. Shao, Ming-Wen and Li, Ke-Wen, Attribute reduction in generalized one-sided formal contexts, **Information Sciences** (2016), pag. 317 – 327
Citeaza: George Georgescu and Andrei Popescu, *Non-dual fuzzy connections*, **Arch. Math. Log.** **43** (2004), pag. 1009 – 1039
633. Alcalde, Cristina and Burusco, Ana and Bustince, Humberto and Jurio, Aranzazu and Sanz, Jose Antonio, Evolution in time of L-fuzzy context sequences, **Information Sciences** **326** (2016), pag. 202 – 214
Citeaza: George Georgescu and Andrei Popescu, *Non-dual fuzzy connections*, **Arch. Math. Log.** **43** (2004), pag. 1009 – 1039
634. Konecny, Jan and Krupka, Michal, Block relations in formal fuzzy concept analysis, **International Journal of Approximate Reasoning** **73** (2016), pag. 2755
Citeaza: George Georgescu and Andrei Popescu, *Non-dual fuzzy connections*, **Arch. Math. Log.** **43** (2004), pag. 1009 – 1039
635. Przybylek, Michal R, Logical systems I: Internal calculi, **Journal of Pure and Applied Algebra** **221** (2017), pag. 449 – 489
Citeaza: Daniel Găină and Andrei Popescu, *An Institution-independent Generalization of Tarski's Elementary Chain Theorem*, **J. Log. Comput.** **16** (2006), pag. 713 – 735
636. Åman Pohjola, Johannes and Parrow, Joachim, Bisimulation up-to techniques for psi-calculi, **Proceedings of the 5th ACM SIGPLAN Conference on Certified Programs and Proofs** (2016), pag. 142 – 153
Citeaza: Andrei Popescu and Elsa L. Gunter, *Incremental Pattern-Based Coinduction for Process Algebra and Its Isabelle Formalization*, **FOSSACS** (2010), pag. 109 – 127
637. Traytel, Dmitriy, Formal Languages, Formally and Coinductively, **FSCD** (2016), pag. 1–17
Citeaza: Dmitriy Traytel and Andrei Popescu and Jasmin Christian Blanchette, *Foundational, Compositional (Co)datatypes for Higher-Order Logic: Category Theory Applied to Theorem Proving*, **LICS** (2012), pag. 596 – 605
638. Traytel, Dmitriy, Formal Languages, Formally and Coinductively, **FSCD** (2016), pag. 1–17
Citeaza: Jasmin Christian Blanchette and Johannes Hölzl and Andreas Lochbihler and

Lorenz Panny and Andrei Popescu and Dmitriy Traytel, *Truly Modular (Co)datatypes for Isabelle/HOL*, **Interactive Theorem Proving - 5th International Conference, ITP 2014, Held as Part of the Vienna Summer of Logic, VSL**

639. Traytel, Dmitriy, Formal Languages, Formally and Coinductively, **FSCD** (2016), pag. 1–17
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Dmitriy Traytel, *Foundational extensible corecursion: a proof assistant perspective*, **Proceedings of the 20th ACM SIGPLAN International Conference on Functional Programming, ICFP 2015, Vancouver, BC, Canada, September 1-3, 2015** (2015), pag. 192 – 204
640. Blanchette, Jasmin C and Kaliszyk, Cezary and Paulson, Lawrence C and Urban, Josef, Hammering towards QED, **Journal of Formalized Reasoning** **9** (2016), pag. 101 – 148
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Daniel Wand and Christoph Weidenbach, *More SPASS with Isabelle - Superposition with Hard Sorts and Configurable Simplification*, **ITP** (2012), pag. 345 – 360
641. Blanchette, Jasmin C and Kaliszyk, Cezary and Paulson, Lawrence C and Urban, Josef, Hammering towards QED, **Journal of Formalized Reasoning** **9** (2016), pag. 101 – 148
Citeaza: Jasmin Christian Blanchette and Sascha Böhme and Andrei Popescu and Nicholas Smallbone, *Encoding Monomorphic and Polymorphic Types*, **Tools and Algorithms for the Construction and Analysis of Systems - 19th International Conference, TACAS 2013, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2013, Rome, Italy, March 16-24, 2013. Proceedings** (2013), pag. 493 – 507
642. Blanchette, Jasmin Christian and Böhme, Sascha and Fleury, Mathias and Smolka, Steffen Juilf and Steckermeier, Albert, Semi-intelligible Isar proofs from machine-generated proofs, **Journal of Automated Reasoning** **56** (2016), pag. 155 – 200
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Daniel Wand and Christoph Weidenbach, *More SPASS with Isabelle - Superposition with Hard Sorts and Configurable Simplification*, **ITP** (2012), pag. 345 – 360
643. Blanchette, Jasmin Christian and Böhme, Sascha and Fleury, Mathias and Smolka, Steffen Juilf and Steckermeier, Albert, Semi-intelligible Isar proofs from machine-generated proofs, **Journal of Automated Reasoning** **56** (2016), pag. 155 – 200
Citeaza: Jasmin Christian Blanchette and Sascha Böhme and Andrei Popescu and Nicholas Smallbone, *Encoding Monomorphic and Polymorphic Types*, **Tools and Algorithms for the Construction and Analysis of Systems - 19th International Conference, TACAS 2013, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2013, Rome, Italy, March 16-24, 2013. Proceedings** (2013), pag. 493 – 507
644. Blanchette, Jasmin Christian and Greenaway, David and Kaliszyk, Cezary and Kühlwein, Daniel and Urban, Josef, A Learning-Based Fact Selector for Isabelle/HOL, **Journal of Automated Reasoning** (2016), pag. 1 – 26
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Daniel Wand and Christoph Weidenbach, *More SPASS with Isabelle - Superposition with Hard Sorts and Configurable Simplification*, **ITP** (2012), pag. 345 – 360

645. Blanchette, Jasmin Christian and Greenaway, David and Kaliszyk, Cezary and Kühlwein, Daniel and Urban, Josef, A Learning-Based Fact Selector for Isabelle/HOL, **Journal of Automated Reasoning** (2016), pag. 1 – 26
Citeaza: Jasmin Christian Blanchette and Sascha Böhme and Andrei Popescu and Nicholas Smallbone, *Encoding Monomorphic and Polymorphic Types*, **Tools and Algorithms for the Construction and Analysis of Systems - 19th International Conference, TACAS 2013, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2013, Rome, Italy, March 16-24, 2013. Proceedings** (2013), pag. 493 – 507
646. Reger, Giles and Suda, Martin and Voronkov, Andrei, Finding Finite Models in Multi-sorted First-Order Logic, **International Conference on Theory and Applications of Satisfiability Testing** (2016), pag. 323 – 341
Citeaza: Jasmin Christian Blanchette and Sascha Böhme and Andrei Popescu and Nicholas Smallbone, *Encoding Monomorphic and Polymorphic Types*, **Tools and Algorithms for the Construction and Analysis of Systems - 19th International Conference, TACAS 2013, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2013, Rome, Italy, March 16-24, 2013. Proceedings** (2013), pag. 493 – 507
647. Grewe, Sylvia and Erdweg, Sebastian and Raulf, Michael and Mezini, Mira, Exploration of language specifications by compilation to first-order logic, **Proceedings of the 18th International Symposium on Principles and Practice of Declarative Programming** (2016), pag. 104 – 117
Citeaza: Jasmin Christian Blanchette and Sascha Böhme and Andrei Popescu and Nicholas Smallbone, *Encoding Monomorphic and Polymorphic Types*, **Tools and Algorithms for the Construction and Analysis of Systems - 19th International Conference, TACAS 2013, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2013, Rome, Italy, March 16-24, 2013. Proceedings** (2013), pag. 493 – 507
648. Halmagrand, Pierre, Soundly Proving B Method Formulae Using Typed Sequent Calculus, **International Colloquium on Theoretical Aspects of Computing** (2016), pag. 196 – 213
Citeaza: Jasmin Christian Blanchette and Sascha Böhme and Andrei Popescu and Nicholas Smallbone, *Encoding Monomorphic and Polymorphic Types*, **Tools and Algorithms for the Construction and Analysis of Systems - 19th International Conference, TACAS 2013, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2013, Rome, Italy, March 16-24, 2013. Proceedings** (2013), pag. 493 – 507
649. Weidenbach, Christoph, A Verified SAT Solver Framework with Learn, Forget, Restart, and Incrementality, **Automated Reasoning: 8th International Joint Conference, IJCAR 2016, Coimbra, Portugal, June 27–July 2, 2016, Proceedings 9706** (2016)
Citeaza: Jasmin Christian Blanchette and Andrei Popescu, *Mechanizing the Metatheory of Sledgehammer*, **Frontiers of Combining Systems - 9th International Symposium, FroCoS 2013, Nancy, France, September 18-20, 2013. Proceedings** (2013), pag. 245 – 260

650. Weidenbach, Christoph, A Verified SAT Solver Framework with Learn, Forget, Restart, and Incrementality, **Automated Reasoning: 8th International Joint Conference, IJCAR 2016, Coimbra, Portugal, June 27–July 2, 2016, Proceedings 9706** (2016)
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Dmitriy Traytel, *Unified Classical Logic Completeness - A Coinductive Pearl*, **Automated Reasoning - 7th International Joint Conference, IJCAR 2014, Held as Part of the Vienna Summer of Logic, VSL**
651. Blanchette, Jasmin Christian and Fleury, Mathias and Weidenbach, Christoph, A Verified SAT Solver Framework with Learn, Forget, Restart, and Incrementality, **IJCAR** (2016)
Citeaza: Jasmin Christian Blanchette and Andrei Popescu, *Mechanizing the Metatheory of Sledgehammer*, **Frontiers of Combining Systems - 9th International Symposium, FroCoS 2013, Nancy, France, September 18-20, 2013. Proceedings** (2013), pag. 245 – 260
652. Blanchette, Jasmin Christian and Fleury, Mathias and Weidenbach, Christoph, A Verified SAT Solver Framework with Learn, Forget, Restart, and Incrementality, **IJCAR** (2016)
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Dmitriy Traytel, *Unified Classical Logic Completeness - A Coinductive Pearl*, **Automated Reasoning - 7th International Joint Conference, IJCAR 2014, Held as Part of the Vienna Summer of Logic, VSL**
653. Lochbihler, Andreas, Probabilistic functions and cryptographic oracles in higher order logic, **European Symposium on Programming Languages and Systems** (2016), pag. 503 – 531
Citeaza: Jasmin Christian Blanchette and Johannes Hölzl and Andreas Lochbihler and Lorenz Panny and Andrei Popescu and Dmitriy Traytel, *Truly Modular (Co)datatypes for Isabelle/HOL*, **Interactive Theorem Proving - 5th International Conference, ITP 2014, Held as Part of the Vienna Summer of Logic, VSL**
654. Lochbihler, Andreas, Probabilistic functions and cryptographic oracles in higher order logic, **European Symposium on Programming Languages and Systems** (2016), pag. 503 – 531
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Dmitriy Traytel, *Foundational extensible corecursion: a proof assistant perspective*, **Proceedings of the 20th ACM SIGPLAN International Conference on Functional Programming, ICFP 2015, Vancouver, BC, Canada, September 1-3, 2015** (2015), pag. 192 – 204
655. Brunner, Julian and Lammich, Peter, Formal Verification of an Executable LTL Model Checker with Partial Order Reduction, **NASA Formal Methods Symposium** (2016), pag. 307 – 321
Citeaza: Jasmin Christian Blanchette and Johannes Hölzl and Andreas Lochbihler and Lorenz Panny and Andrei Popescu and Dmitriy Traytel, *Truly Modular (Co)datatypes for Isabelle/HOL*, **Interactive Theorem Proving - 5th International Conference, ITP 2014, Held as Part of the Vienna Summer of Logic, VSL**
656. Finkbeiner, Bernd and Seidl, Helmut and Müller, Christian, Specifying and verifying secrecy in workflows with arbitrarily many agents, **International Symposium on Au-**

- tomated Technology for Verification and Analysis (2016), pag. 157 – 173
Citeaza: Sudeep Kanav and Peter Lammich and Andrei Popescu, *A Conference Management System with Verified Document Confidentiality*, **Computer Aided Verification - 26th International Conference, CAV 2014, Held as Part of the Vienna Summer of Logic, VSL**
657. Armando Pesenti Gritti, Thomas Bauerei, Andrei Popescu and Franco Raimondi, CoSMed: A Confidentiality-Verified Social Media Platform, **ITP (2016)**, pag. 341 – 357
Citeaza: Sudeep Kanav and Peter Lammich and Andrei Popescu, *A Conference Management System with Verified Document Confidentiality*, **Computer Aided Verification - 26th International Conference, CAV 2014, Held as Part of the Vienna Summer of Logic, VSL**
658. Schlichtkrull, Anders, Formalization of the resolution calculus for first-order logic, **International Conference on Interactive Theorem Proving (2016)**, pag. 341 – 357
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Dmitriy Traytel, *Unified Classical Logic Completeness - A Coinductive Pearl*, **Automated Reasoning - 7th International Joint Conference, IJCAR 2014, Held as Part of the Vienna Summer of Logic, VSL**
659. Raggi, Daniel and Bundy, Alan and Grov, Gudmund and Pease, Alison, Automating Change of Representation for Proofs in Discrete Mathematics (Extended Version), **Mathematics in Computer Science (2016)**, pag. 1 – 29
Citeaza: Ondrej Kuncar and Andrei Popescu, *A Consistent Foundation for Isabelle/HOL*, **Interactive Theorem Proving - 6th International Conference, ITP 2015, Nanjing, China, August 24-27, 2015, Proceedings (2015)**, pag. 234 – 252
660. Abel, Andreas, Compositional Coinduction with Sized Types, **International Workshop on Coalgebraic Methods in Computer Science (2016)**, pag. 5 – 10
Citeaza: Jasmin Christian Blanchette and Andrei Popescu and Dmitriy Traytel, *Foundational extensible corecursion: a proof assistant perspective*, **Proceedings of the 20th ACM SIGPLAN International Conference on Functional Programming, ICFP 2015, Vancouver, BC, Canada, September 1-3, 2015 (2015)**, pag. 192 – 204
661. T Tshikuna-Matamba, A Note on Riemannian Submersions with Umbilical Fibres, **Journal of Progressive Research in Mathematics, Volume 6, Issue 2 (2016)**, pag. 778 – 784
Citeaza: G. Baditoiu, S. Ianus, *Semi-Riemannian submersions with totally umbilic fibres*, **Rend. Circ. Mat. Palermo, Series II, volum 51 (2002)**, pag. 249 – 276.
662. Y. Gndzalp, Almost para-Hermitian submersions, **Matematiki Vesnik 68, 4 (2016)**, pag. 241 – 253
Citeaza: G. Baditoiu, S. Ianus, *Semi-Riemannian submersions with totally umbilic fibres*, **Math. Palermo, serie II, 51 (2002)**, pag. 249 – 276
663. Y. Gndzalp, Almost para-Hermitian submersions, **Matematiki Vesnik 68, 4 (2016)**, pag. 241 – 253
Citeaza: G. Baditoiu, S. Ianus, *Semi-Riemannian submersions from real and complex pseudo-hyperbolic spaces*, **Diff. Geom. Appl. 16 (2002)**, pag. 79 – 84

664. G. Dai, Bifurcation and positive solutions for problem with mean curvature operator in Minkowski space, **Calc. Var. Partial Differential Equations** **55** (2016), pag. 17 pp.
Citeaza: C. Bereanu, P. Jebelean, J. Mawhin, *Radial solutions for some nonlinear problems involving mean curvature operators in Euclidean and Minkowski spaces*, **Proc. Am. Math. Soc.** **137** (2009), pag. 171 – 178.
 C. Bereanu, P. Jebelean, J. Mawhin, *Multiple solutions for Neumann and periodic problems with singular ϕ - Laplacian*, **J. Funct. Anal.** **261** (2011), pag. 3226 – 3246.
665. A. Azzollini, On a prescribed mean curvature equation in Lorentz - Minkowski space, **J. Math. Pure Appl.** **206** (2016), pag. 1122 – 1140.
Citeaza: C. Bereanu, P. Jebelean, J. Mawhin, *Radial solutions for some nonlinear problems involving mean curvature operators in Euclidean and Minkowski spaces*, **Proc. Am. Math. Soc.** **137** (2009), pag. 171 – 178.
 C. Bereanu, P. Jebelean, P. J. Torres, *Positive radial solutions for Dirichlet problems with mean curvature operators in Minkowski space*, **J. Funct. Anal.** **264** (2013), pag. 270 – 287.
 C. Bereanu, P. Jebelean, P.J. Torres, *Multiple positive radial solutions for a Dirichlet problem involving the mean curvature operator in Minkowski space*, **J. Funct. Anal.** **265** (2013), pag. 644 – 659.
666. R. Ma, H. Gao, Y. Lu, Global structure of radial positive solutions for a prescribed mean curvature problem in a ball, **J. Funct. Anal.** **270** (2016), pag. 2430 – 2455.
Citeaza: C. Bereanu, P. Jebelean, J. Mawhin, *Radial solutions for some nonlinear problems involving mean curvature operators in Euclidean and Minkowski spaces*, **Proc. Am. Math. Soc.** **137** (2009), pag. 171 – 178.
 C. Bereanu, P. Jebelean, P. J. Torres, *Positive radial solutions for Dirichlet problems with mean curvature operators in Minkowski space*, **J. Funct. Anal.** **264** (2013), pag. 270 – 287.
 C. Bereanu, P. Jebelean, P.J. Torres, *Multiple positive radial solutions for a Dirichlet problem involving the mean curvature operator in Minkowski space*, **J. Funct. Anal.** **265** (2013), pag. 644 – 659.
667. A. Mielke, Deriving Effective Models for Multiscale Systems via Evolutionary Γ Convergence, **Control of Self-Organizing Nonlinear Systems**, eds. **Schöll, Eckehard and Klapp, Sabine H. L. and Hövel, Philipp, Springer** (2016), pag. 235 – 251
Citeaza: Marius Buliga, Géry de Saxcé *A symplectic Brezis-Ekeland-Nayroles principle, Mathematics and Mechanics of Solids*, **1081286516629532**, first published on **March 14** (2016)
668. H. Hentati, M. Dhahri, F. Dammak, A phase-field model of quasistatic and dynamic brittle fracture using a staggered algorithm, **J. of Mechanics of Materials and Structures**, vol. **11**, no. **3** (2016), pag. 309 – 327
Citeaza: M. Buliga, *Energy Minimizing Brittle Crack Propagation*, **J. of Elasticity** vol. **52(3)** (1999), pag. 201 – 238
669. G. de Saxcé, Modelling contact with isotropic and anisotropic friction by the bipotential approach, **Discrete and Continuous Dynamical Systems - Series S**, **9 (2)**,

- American Institute of Mathematical Sciences** (2016), pag. 409 – 425
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, Existence and construction of bipotentials for graphs of multivalued laws, J. of Convex Analysis vol. 15(1) (2008), pag. 87 – 10
670. G. de Saxcé, Modelling contact with isotropic and anisotropic friction by the bipotential approach, **Discrete and Continuous Dynamical Systems - Series S, 9 (2), American Institute of Mathematical Sciences** (2016), pag. 409 – 425
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, Non Maximal Cyclically Monotone Graphs and Construction of a Bipotential for the Coulomb's Dry Friction Law, J. of Convex Analysis vol. 17(1) (2010), pag. 81 – 94
671. G. de Saxcé, Modelling contact with isotropic and anisotropic friction by the bipotential approach, **Discrete and Continuous Dynamical Systems - Series S, 9 (2), American Institute of Mathematical Sciences** (2016), pag. 409 – 425
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, Bipotentials for Non-monotone Multivalued Operators: Fundamental Results and Applications, Acta Appl. Math. vol. 110(2) (2010), pag. 955 – 972
672. L. Placidi, A variational approach for a nonlinear one-dimensional damage-elasto-plastic second-gradient continuum model, **Continuum Mechanics and Thermodynamics, Volume 28, Issue 1-2** (2016), pag. 119 – 137
Citeaza: M. Buliga, Energy minimizing brittle crack propagation, J. of Elasticity vol. 52(3) (1999), pag. 201 – 238
673. A. Raina, C Miede, A phase-field model for fracture in biological tissues, **Biomechanics and Modeling in Mechanobiology, Volume 15, Issue 3** (2016), pag. 479 – 496
Citeaza: M. Buliga, Energy minimizing brittle crack propagation, J. of Elasticity vol. 52(3) (1999), pag. 201 – 238
674. L. H. Kauffman, Biologic - An Introduction, **Foundations of Information Science** (2016)
Citeaza: M Buliga, L.H. Kauffman, Chemlambda, universality and self-multiplication, MIT Press, Complex Adaptive Systems, 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 (2014),
675. C. Vallée, V. D. Rădulescu, K. Atchonouglo, New Variational Principles for Solving Extended Dirichlet-Neumann Problems, **J. of Elasticity 123** (2016), pag. 1 – 18
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, Existence and construction of bipotentials for graphs of multivalued laws, J. of Convex Analysis vol. 15(1) (2008), pag. 87 – 10
676. C. Vallée, V. D. Rădulescu, K. Atchonouglo, New Variational Principles for Solving Extended Dirichlet-Neumann Problems, **J. of Elasticity 123** (2016), pag. 1 – 18
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, Bipotentials for Non-monotone Multivalued Operators: Fundamental Results and Applications, Acta Appl. Math. vol. 110(2) (2010), pag. 955 – 972
677. C. Vallée, V. D. Rădulescu, K. Atchonouglo, New Variational Principles for Solving Extended Dirichlet-Neumann Problems, **J. of Elasticity 123** (2016), pag. 1 – 18

- Citeaza:* M. Buliga, G. de Saxcé, C. Vallée, *Non Maximal Cyclically Monotone Graphs and Construction of a Bipotential for the Coulomb's Dry Friction Law*, **J. of Convex Analysis** vol. **17(1)** (2010), pag. 81 – 94
678. A. Visintin, On Fitzpatrick's theory and stability of flows, **RENDICONTI LINCEI-MATEMATICA E APPLICAZIONI** Volume: **27** Issue: **2** (2016), pag. 151 – 180
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws*, **J. of Convex Analysis** vol. **15(1)** (2008), pag. 87 – 10
679. M. Cohen and S. Westreich, Probabilistically nilpotent Hopf algebras, **Transactions of American Mathematical Society** **368**, no. **6** (2016) pag. 4295–4314,
Citeaza: S. Burciu, *Kernels of representations and coideal subalgebras of Hopf algebras* **Glasgow Mathematical Journal** **54** (2012), pag. 107–119.
680. Marc Keilberg, Peter Schauenburg, On tensor factorizations of Hopf algebras, **Algebra and Number Theory** **10** no. **1** (2016), pag 61–87
Citeaza: S. Burciu, *On the factorization problem and complements for Hopf algebras*, **Central European Journal of Mathematics**, **9** (2011), pag. 905–914
681. K. Shimizu and M. Wakui, Schrodinger Representations from the Viewpoint of Tensor Categories, **Algebras and Representation Theory** **18**, no. **6** (2016), pag. 1623-1647
Citeaza: S. Burciu, *On some representations of the Drinfel'd double*, **Journal of Algebra** **296** (2006), pag. 480–504.
682. Bruillard, Paul and Ng, Siu-Hung and Rowell, Eric C. and Wang, Zhenghan, Rank-finiteness for modular categories, **Journal of American Mathematical Society** **29** no. **3** (2016), pag. 857–881
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics** **54** (2013), 013511.
683. S. X. Cui, C Galindo, J. Y. Plavnik, Z . Wang , On Gauging Symmetry of Modular Categories, **Communications in Mathematical Physics** **348** (2016), pag. 1043–1064
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics** **54** (2013), 013511.
684. Kadison, Lars, A tower condition characterizing normality, **Hokkaido Math. J.** **45** No. **2** (2016), pag. 243–262
Citeaza: Burciu S., Kadison L. and Külshammer B., *On subgroup depth*, **International Electronic Journal of Algebra** **9** (2011), pag. 133 – 166
685. Kadison, Lars, A tower condition characterizing normality, **Hokkaido Math. J.** **45** No. **2** (2016), pag. 243–262
Citeaza: S. Burciu and L. Kadison, *Subgroups of depth three*, **Surveys in Differential Geometry XV** (2011), pag. 17–36
686. Negron, Cris and Witherspoon, Sarah , An alternate approach to the Lie bracket on Hochschild cohomology, **Homology Homotopy Applications** **18** no. **1** (2016), pag. 265–285
Citeaza: S. Burciu and 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," (Colonia, Uruguay, 2005) (2007), pag. 153–170.

687. Dai, Li and Dong, Jingcheng, On Kaplansky's sixth conjecture, **Rendiconti del Seminario Matematico della Universit di Padova** **135** (2016), pag. 1 – 20
Citeaza: S. Burciu, *Representations of degree three for semisimple Hopf algebras*, **Journal of Pure and Applied Algebra** **194** (2004), pag. 303–312
688. Dai, Li and Dong, Jingcheng, On Kaplansky's sixth conjecture, **Rendiconti del Seminario Matematico della Universit di Padova** **135** (2016), pag. 1 – 20
Citeaza: S. Burciu,, *On the classification of semisimple Hopf algebras: structure and applications*, **Noncommutative structures in mathematics and physics**, **Proc. Royal Flemish Academy of Belgium** (2009), pag. 29 – 45
689. Sonia Natale and Edwin Pacheco Rodrguez, Graphs attached to simple Frobenius-Perron dimensions of an integral fusion category, **Monatshefte für Mathematik** **179**, Issue 4 (2016), pag. 615-649
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*,, **Journal of Mathematical Physics** **54** (2013), 013511.
690. Sonia Natale and Edwin Pacheco Rodrguez, Graphs attached to simple Frobenius-Perron dimensions of an integral fusion category, **Monatshefte für Mathematik** **179**, Issue 4 (2016), pag. 615-649
Citeaza: A. Bruguières, and S. Burciu, *On normal tensor functors and coset decompositions for fusion categories*, **Applied Categorical Structures** **23**, Issue 4 (2015), pag. 591–608
691. Hernandez, Alberto; Kadison, Lars; Szamotulski, Marcin, Subgroup depth and twisted coefficients, **Communications in Algebra** **44 no. 8** (2016), pag. 3570–3591
*Citeaza:*S. Burciu and L. Kadison,*Subgroups of depth three*, **Surv. Diff. Geom.** **XV** (2011), pag. 17–36
692. Hernandez, Alberto; Kadison, Lars; Szamotulski, Marcin , Subgroup depth and twisted coefficients, **Communications in Algebra** **44 no. 8** (2016), pag. 3570–3591
Citeaza: S. Burciu, *Kernel of representations and coideal subalgebras for Hopf algebras*, **Glasgow Mathematical Journal** **54** (2012), pag. 107–119.
693. Hernandez, Alberto; Kadison, Lars; Szamotulski, Marcin , Subgroup depth and twisted coefficients, **Communications in Algebra** **44 no. 8** (2016), pag. 3570–3591
Citeaza: S. Burciu, L. Kadison, B. Külshammer , *On subgroup depth (with an appendix by Külshammer and Danz)*, **International Electronic Journal of Algebra** **9** (2011), pag. 133 – 166
694. Dong, Jingcheng and Dai, Li, Existence of Tannakian subcategories and its applications, **Comm. Algebra** **44 no. 4** (2016), pag. 1767–1782.
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*,, **Journal of Mathematical Physics** **54** (2013), 013511.
695. Petnyi, Franciska, Some questions on the representations of finite groups: Depth, vanishing properties, expansiveness **Ph. D. thesis**, **Budapest University of Technology**

- and Economics Institute of Mathematics (2016),
Citeaza: Burciu S. and Kadison L., *Subgroups of depth three*, **Surv. Diff. Geom. XV** (2011), pag. 17–36
696. Petnyi, Franciska, Some questions on the representations of finite groups: Depth, vanishing properties, expansiveness **Ph. D. thesis, Budapest University of Technology and Economics Institute of Mathematics** (2016),
Citeaza: S. Burciu, L. Kadison, B. Külshammer , *On subgroup depth (with an appendix by Külshammer and Danz)*, **International Electronic Journal of Algebra 9** (2011), pag. 133 – 166
697. Alberto Jos Hernandez Alvarado, The quotient Module, Coring Depth and Factorisation Algebras, **Ph. D thesis, University of Porto** (2016), pag. ... – ...
Citeaza: S. Burciu, L. Kadison, B. Külshammer , *On subgroup depth (with an appendix by Külshammer and Danz)*, **International Electronic Journal of Algebra 9** (2011), pag. 133 – 166
698. L. Hthelyi, E. Horvth, F. Petnyi , The depth of the maximal subgroups of Ree groups, **arXiv:1608.06774** (2016), pag. ... – ...
Citeaza: S. Burciu, L. Kadison, B. Külshammer , *On subgroup depth (with an appendix by Külshammer and Danz)*, **International Electronic Journal of Algebra 9** (2011), pag. 133 – 166
699. A. Hernandez, L. Kadison, S. A. Lopes, A quantum subgroup depth, **arXiv:1610.00923** (2016), pag. ... – ...
Citeaza: S. Burciu and L. Kadison, *Subgroups of depth three*, **Surv. Diff. Geom. XV** (2011), pag. 17–36
700. A. Hernandez, L. Kadison, S. A. Lopes, A quantum subgroup depth, **arXiv:1610.00923** (2016), pag. ... – ...
Citeaza: S. Burciu, L. Kadison, B. Külshammer , *On subgroup depth (with an appendix by Külshammer and Danz)*, **International Electronic Journal of Algebra 9** (2011), pag. 133 – 166
701. M. Cohen and S. Westreich, Solvability for semisimple Hopf algebras via integrals, **arXiv:1604.07550** (2016),
Citeaza: S. Burciu, *Kernel of representations and coideal subalgebras for Hopf algebras*, **Glasgow Mathematical Journal 54** (2012), pag. 107–119.
702. M. Cohen and S. Westreich, Solvability for semisimple Hopf algebras via integrals, **arXiv:1604.07550** (2016),
Citeaza: S. Burciu, *Normal coideal subalgebras of semisimple Hopf algebras*, **Journal of Physics: Conference Series 346** (2012), pag. 012004
703. Katsir, Ronen, *An extension of the LMO functor*, **Journal of Knot Theory and Its Ramifications 25**, no. 1 (Published: JAN 2016, DOI: 10.1142/S0218216516500024)
Citeaza: D. Cheptea, K. Habiro, G. Massuyeau, *A functorial LMO invariant for Lagrangian cobordisms*, **Geom. Topol. 12**, no. 2 (2008), 1091 - 1170

704. Katsir, Ronen, *An extension of the LMO functor*, **Journal of Knot Theory and Its Ramifications**, 25, no. 1 (Published: JAN 2016, DOI: 10.1142/S0218216516500024)
Citeaza: D. Cheptea, T. T. Q. Le, *A TQFT associated to the LMO invariant of three-dimensional manifolds*, **Comm. Math. Phys.** **272**, no. 3 (2007), 601 - 634
705. Matthias Kunik, A scaling property of Farey fractions, **Eur. J. Math.** **2** (2016), no. 2, 383–417.
Citează: V. Augustin, F. P. Boca, C. Cobeli, A. Zaharescu, *An exponential congruence with solutions in primitive roots*, **The h -spacing distribution between Farey points**. **Math. Proc. Camb.** **131** (1), (2001), pag. 23–38.
706. Heersink Byron, Poincaré sections for the horocycle flow in covers of $SL(2, \mathbb{R})/SL(2, \mathbb{Z})$ and applications to Farey fraction statistics. **Applied Algebra and Number Theory: Essays in Honour of Harald Niederreiter**, **Cambridge Monatsh. Math.** **179** (2016), no. 3, 389–420.
Citează: V. Augustin, F. P. Boca, C. Cobeli, A. Zaharescu, *An exponential congruence with solutions in primitive roots*, **The h -spacing distribution between Farey points**. **Math. Proc. Camb.** **131** (1), (2001), pag. 23–38.
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.
707. Oana-Maria Camburu, Emil-Alexandru Ciolan, Florian Luca, Pieter Moree, Igor E. Shparlinski, Cyclotomic coefficients: gaps and jumps, **J. Number Theory** **163**, (2016), pag. 211–237.
Citează: C. Cobeli, Y. Gallot, P. Moree, A. Zaharescu, *Sister Beiter and Kloosterman: a tale of cyclotomic coefficients and modular inverses*, **Indag. Math.** **24**, (2013), pag. 915–929.
708. Igor E. Shparlinski, On bilinear exponential and character sums with reciprocals of polynomials, **Mathematika** **62**, (2016), no. 3, pag. 842–859.
Citează: C. Cobeli, A. Zaharescu, *Distribution of a sparse set of fractions modulo q* , **Bull. Lond. Math. Soc.** **33**, (2001), pag. 138–148.
709. Alan Haynes, Henna Koivusalo, James Walton, Lorenzo Sadun, Gaps problems and frequencies of patches in cut and project sets, **Math. Proc. Cambridge Philos. Soc.** **161**, (2016), no. 1, pag. 65–85.
Citează: C. Cobeli, G. Groza, M. Vâjăitu, A. Zaharescu, *Generalization of a theorem of Steinhaus*, **Colloq. Math.** **92**, (2002), no. 2, pag. 257–266.
710. Jayadev S. Athreya, Gap distributions and homogeneous dynamics, **Geometry, Topology, and Dynamics in Negative Curvature**, **London Mathematical Society Lecture Note Series: 425**, **Cambridge University Press**, (2016), pag. 1–30.
Citează: F. Boca, C. Cobeli, A. Zaharescu, *A conjecture of R. R. Hall on Farey points*, **Reine Angew. Math.** **535**, (2001), 207–236.
711. F Gamboa, J Nagel, A Rouault, Sum rules via large deviations, **Journal of Functional Analysis** **270** (2016), 509–559

- Citeaza:* R. Killip, I. Nenciu, *Matrix models for beta ensembles*, **Int. Math. Res. Not.** **50** (2004), pag. 2665– 2701.
712. MJ Cantero, F Marcelln, L Moral, L Velzquez, Darboux transformations for CMV matrices, **Advances in Mathematics** **298** (2016), 122–206
Citeaza: R. Killip, I. Nenciu, *Matrix models for beta ensembles*, **Int. Math. Res. Not.** **50** (2004), pag. 2665– 2701.
713. M.R. Alfuraidan, M. Bachar, M.A. Khamsi, A graphical version of Reich’s fixed point theorem, **Journal of Nonlinear Sciences and Applications** **9** (2016), pag. 3931 – 3938
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, **Journal of Mathematical Analysis and Applications** **325** (2007), pag. 386 – 399
714. M. Bagherboum, Approximating fixed points of mappings satisfying condition (E) in Busemann space, **Numerical Algorithms** **71** (2016), pag. 25 – 39
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
715. J.L. Castiglioni, M. Menni, W.J. Zuluaga Botero, A representation theorem for integral rigs and its applications to residuated lattices, **Journal of Pure and Applied Algebra** **220** (2016), pag. 3533 – 3566
Citeaza: A. Di Nola, L. Leuştean, *Compact representations of BL -algebras*, **Archive for Mathematical Logic** **47** (2002), 215 – 221
716. W. Chen, B. Davvaz, Some classes of quasi-pseudo-MV algebras, **Logic Journal of IGPL** **24** (2016), pag. 655 – 672
Citeaza: G. Georgescu, L. Leuştean, *Some classes of pseudo- BL algebras*, **Journal of the Australian Mathematical Society** **73** (2002), pag. 127 – 153.
717. U. Kohlenbach, On the quantitative asymptotic behavior of strongly nonexpansive mappings in Banach and geodesic spaces, **Israel Journal of Mathematics** **216** (2016), pag. 215 – 246
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, **Journal of Mathematical Analysis and Applications** **325** (2007), pag. 386 – 399
L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
718. U. Kohlenbach, A. Koutsoukou-Argraki, Effective asymptotic regularity for one-parameter nonexpansive semigroups, **Journal of Mathematical Analysis and Applications** **433** (2016), pag. 1883 – 1903
Citeaza: L. Leuştean, A. Nicolae: *Effective results on nonlinear ergodic averages in $CAT(\kappa)$ spaces*, **Ergodic Theory and Dynamical Systems** **36** (2016), pag. 2580 – 2601.
719. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza:

- U. Kohlenbach, L. Leuştean, *A quantitative Mean Ergodic Theorem for uniformly convex Banach spaces*, **Ergodic Theory and Dynamical Systems** **29** (2009), pag. 1907 – 1915
720. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: U. Kohlenbach, L. Leuştean, *Asymptotically nonexpansive mappings in uniformly convex hyperbolic spaces*, **Journal of the European Mathematical Society** **12** (2010), pag. 71 – 92
721. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: U. Kohlenbach, L. Leuştean, *Effective metastability of Halpern iterates in $CAT(0)$ spaces*, **Advances in Mathematics** **231** (2012), pag. 2526 – 2556
722. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: U. Kohlenbach, L. Leuştean, *Addendum to "Effective metastability of Halpern iterates in $CAT(0)$ spaces" [Adv. Math. 231 (5) (2012) 2526-2556]*, **Advances in Mathematics** **250** (2014), 650 – 651.
723. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: U. Kohlenbach, L. Leuştean, *On the computational content of convergence proofs via Banach limits*, **Philosophical Transactions of the Royal Society. Series A. Mathematical, Physical and Engineering Sciences** **370** (2012), pag. 3449 – 3463.
724. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: U. Kohlenbach, L. Leuştean, A. Nicolae, *Quantitative results on Fejér monotone sequences*, acceptată la Communications in Contemporary Mathematics.
725. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: L. Leuştean, *Rates of asymptotic regularity for Halpern iterations of nonexpansive mappings*, **Journal of Universal Computer Science** **13** (2007), pag. 1680 – 1891.
726. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: L. Leuştean, A. Nicolae: *Effective results on nonlinear ergodic averages in $CAT(\kappa)$ spaces*, **Ergodic Theory and Dynamical Systems** **36** (2016), pag. 2580 – 2601.
727. D. Körnlein, Quantitative Analysis of Iterative Algorithms in Fixed Point Theory and Convex Optimization, PhD Thesis, Technische Universität Darmstadt (2016)
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209

728. S. Reich, Z. Salinas, Weak convergence of infinite products of operators in Hadamard spaces, **Rendiconti del Circolo Matematico di Palermo** **65** (2016), pag. 55 – 71
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
729. C. Suanoom, C. Klin-eam, Remark on fundamentally non-expansive mappings in hyperbolic spaces, **Journal of Nonlinear Sciences and Applications** **9** (2016), pag. 1952 – 1956
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, **Journal of Mathematical Analysis and Applications** **325** (2007), pag. 386 – 399
730. C. Suanoom, C. Klin-eam, Remark on fundamentally non-expansive mappings in hyperbolic spaces, **Journal of Nonlinear Sciences and Applications** **9** (2016), pag. 1952 – 1956
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemporary Mathematics** **513** (2010), pag. 193 – 209
731. R. Suparatulatorn, P. Cholamijak, S. Suantai, On solving the minimization problem and the fixed-point problem for nonexpansive mappings in $CAT(0)$ spaces, **Optimization Methods & Software** (2016), <http://dx.doi.org/10.1080/10556788.2016.1219908>
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
732. A. Torrens, Semisimples in Varieties of Commutative Integral Bounded Residuated Lattices, **Studia Logica** **104** (2016), 849 – 867
Citeaza: G. Georgescu, L. Leuştean, C. Mureşan, *Maximal residuated lattices with lifting boolean center*, **Algebra Universalis** **63** (2010), 83 – 99.
733. Rahm, Alexander and Wendt, Matthias; On Farrell-Tate cohomology of $SL\ 2$ over S -integers, **hal-01081081, version 2** (2016)
Citeaza: Marian Anton and Joshua Roberts, *Unstable analogues of the Lichtenbaum-Quillen conjecture*, **Advances in mathematics**, Ed. Acad. Romane, Bucharest (2013), pag. 49 – 56.
734. Z. Hao, Y. Jiao, F. Weisz, D. Zhou, Atomic subspaces of L_1 -martingale spaces **Acta Mathematica Hungarica**, Springer(2016)
Citeaza: Y. Jiao, M. Popa *Operator-valued martingale transforms in rearrangement invariant spaces and applications*, **Math. Inequal. Appl.** **15** (2013), pag. 77 – 88
735. P. Skoufranis, Independences and partial R -transforms in bi-free probability **Ann. Inst. Henri Poincaré Probab. Stat.** **52** (2016), pag. 1437-1473
Citeaza: M. Popa *A new proof for the multiplicative property of the Boolean cumulants with applications to the operator-valued case* **Colloq. Math.** **117** (2009), pag 81-93
736. Qixiang Dong, Jiu Ding, Complete commuting solutions of the Yang-Baxter-like matrix equation for diagonalizable matrices, **Computers & Mathematics with Applications**, Volume 72 Issue 1, July 2016, Pages 194-201

- Citeaza:* Florin F. Nichita, *Non-linear Equation, Quantum Groups and Duality Theorems*, **VDM Verlag**, 2009.
737. Florin Panaite, Freddy Van Oystaeyen, Twisted algebras, twisted bialgebras and Rota-Baxter type operators, **Journal of Algebra and Its Applications**, 13 May 2016, (doi: 10.1142/S0219498817500797)
Citeaza: Sorin Dascalescu, Florin F. Nichita, *Yang-Baxter Operators Arising from (Co)Algebra Structures*, **Communications in Algebra**, Vol. 27 (12), 5833-5845 (1999).
738. Haiyan Tian, All solutions of the YangBaxter-like matrix equation for rank-one matrices, **Applied Mathematics Letters**, Volume 51, January 2016, Pages 5559
Citeaza: Florin F. Nichita, *Non-linear Equation, Quantum Groups and Duality Theorems*, **VDM Verlag**, 2009.
739. Laszlo Barna Iantovics, Laszlo Kovacs, Laszlo Gyula Fekete, Next Generation University Library Information Systems Based on Cooperative Learning, **New Review of Information Networking** (The DOI of your paper is: 10.1080/13614576.2016.1247742. Once your article has published online, it will be available at the following permanent link: <http://dx.doi.org/10.1080/13614576.2016.1247742>)
Citeaza: Florin F. Nichita, *Yang-Baxter Equations, Computational Methods and Applications*, **Axioms**, 4,4(2015):423-435.
Citeaza: Iantovics, Laszlo Barna, Nichita, Florin Felix, Hobby, David, *Knowledge-Based Mobile Agents, Proceedings of the International Conference European Integration between Tradition and Modernity*, 3-rd edition, 22-23 October 2009, Petru Maior University Press, Targu Mures, (2009):1061-1069.
740. Menny Aka, Manfred Einsiedler, *Dukes theorem for subcollections*, **Ergodic Theory and Dynamical Systems** **36**, (2016), 335–342
Citeaza: A.A. Popa, *Central values of Rankin L-series over real quadratic fields*. **Comp. Math.** 142 (2006), 811-866
741. D. Choi, S. Lim, *Finite-dimensional period spaces for the spaces of cusp forms*, **Isr. J. Math.** **216** (2016), 507–543
Citeaza: A.A. Popa, *On the trace formula for Hecke operators on congruence subgroups*, **arxiv:1408.4998** (2014)
742. D. Choi, S. Lim, *Finite-dimensional period spaces for the spaces of cusp forms*, **Isr. J. Math.** **216** (2016), 507–543
Citeaza: V. Pasol, A.A. Popa, *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), 713–743
743. S. Jin, W. Ma, K. Ono, K. Soundararajan, *Riemann hypothesis for period polynomials of modular forms*, **Proc. Nat. Acad. Sci.** (2016), 2603–2608
Citeaza: V. Pasol, A.A. Popa, *Modular forms and period polynomials*, **Proc. Lond. Math. Soc.** **107/4** (2013), 713–743
744. M. Hirano, T. Ishii, T. Miyazaki, *The archimedean zeta integrals for $GL(3) \times GL(2)$* , **Proc. Japan Acad. Ser. A Math. Sci.** **92/2** (2016), 27–32

- Citeaza*: A.A. Popa, *Whittaker newforms for Archimedean representations*, **J. Number Theory** 128 (2008), 1637–1645
745. Cristina Ghinea, Elena Niculina Dragoi, Elena-Diana Comanita, Marius Gavrilăscu, Teofil Campean, Silvia Curteanuc, Maria Gavrilăscu, Forecasting municipal solid waste generation using prognostic tools and regression analysis, **Journal of Environmental Management, Volume 182 / Elsevier** (2016), pag. 80 – 93, ISI Impact Factor: 3.131
Citeaza: Aurel Gaba, Stefania Iordache, Radu Gaba, Constantin-Marius Vladulescu, *Recovery of waste gas by combustion in an originally designed plant*, **Environmental Engineering and Management Journal** (2014), pag. 1901 – 1908
746. Cristina Ghinea, Maria Gavrilăscu, Costs analysis of municipal solid waste management scenarios: IASI Romania case study, **Journal of Environmental Engineering and Landscape Management, Volume 24/ Francis & Taylor** (2016), pag. 185 – 199, ISI Impact Factor: 0.591
Citeaza: Aurel Gaba, Stefania Iordache, Radu Gaba, Constantin-Marius Vladulescu, *Recovery of waste gas by combustion in an originally designed plant*, **Environmental Engineering and Management Journal** (2014), pag. 1901 – 1908
747. Yoshimichi Ueda, Discrete cores of type III free product factors, **American J. Math** 138 (2016), pag. 367 – 394
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 (2) (1994), pag. 347 – 389
748. Ilwoo Cho, Representations and Corresponding Operators Induced by Hecke Algebras, **Complex Analysis and Operator Theory v.10** (2016), pag. 437 – 477
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 (2) (1994), pag. 347 – 389
749. IlWoo Cho, Free probability on Hecke algebras and certain group C^* -algebras induced by Hecke algebras, **Opuscula Math.** 36 (2016), pag. 153 – 187
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 (2) (1994), pag. 347 – 389
750. Arnaud Brothier and Chenxu Wen, The cup subalgebra has the absorbing amenability property, **Int. J. Math.** 27 (2016), pag. 100 – 105
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 (2) (1994), pag. 347 – 389
751. Chenxu Wen , Maximal amenability and disjointness for the radial masa, **Journal of Functional Analysis v.270** (2016), pag. 787 – 801
Citeaza: Florin Rădulescu, *Singularity of the radial subalgebra of $\mathcal{L}(F_N)$ and the Puknszky invariant*, **Pacific J. Math v. 151** (1991), pag. 297. – 306
752. Goulnara Arzhantseva and Liviu Păunescu, Linear sofic groups and algebras, **Transactions AMS** (2016),

- 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
753. Robeva, Elina *Orthogonal decomposition of symmetric tensors*. SIAM J. Matrix Anal. Appl. 37 (2016), no. 1, 86–102.
Citeaza: *Secant varieties of Segre–Veronese varieties*, Algebra & Number Theory 6, no. 8:1817–1868, 2012.
754. Oeding, Luke; Sam, Steven V. *Equations for the fifth secant variety of Segre products of projective spaces*. Exp. Math. 25 (2016), no. 1, 94–99.
Citeaza: *Secant varieties of Segre–Veronese varieties*, Algebra & Number Theory 6, no. 8:1817–1868, 2012.
755. Cook, David, II *On decomposing Betti tables and O-sequences*. Comm. Algebra 44 (2016), no. 9, 3939–3950.
Citeaza: *Non-simplicial decompositions of Betti diagrams of complete intersections*, with Courtney Gibbons, Jack Jeffries, Sarah Mayes, Branden Stone, and Bryan White, Journal of Commutative Algebra 7, no. 2:189–206, 2015.
756. Kumjian, Alex; Pask, David; Sims, Aidan, Simplicity of twisted C-algebras of higher-rank graphs and crossed products by quasifree actions, **J. Noncommut. Geom.** 10 (2016), no 2, 515 – 549
Citeaza: Deaconu, Valentin; Kumjian, Alex; Ramazan, Birant, *Fell bundles associated to groupoid morphisms*, **Math. Scand.** 102 (2008), pag. 305 – 319
757. Kumjian, Alex; Pask, David; Sims, Aidan, Simplicity of twisted C-algebras of higher-rank graphs and crossed products by quasifree actions, **J. Noncommut. Geom.** 10 (2016), no 2, 515 – 549
Citeaza: Ramazan, Birant, *Limite classique de C^* -algèbres de groupoïdes de Lie*, **C. R. Acad. Sci. Paris Sr. I Math.** 329 (1999), pag. 603 – 606
758. Benoît Collins and Ion Nechita, Random matrix techniques in quantum information theory, **J. Math. Phys.** 57, no. 1 (2016), 34 pag.
Citeaza: Serban T. Belinschi, Benoît Collins and Ion Nechita, *Almost one bit violation for the additivity of the minimum output entropy*, **Communications in Mathematical Physics**, 341, no. 3 (2016), pag. 885 – 909.
759. Takahiro Hasebe, Free infinite divisibility for powers of random variables, **ALEA Lat. Am. J. Probab. Math. Stat.** 13, no. 1 (2016), pag. 309 – 336
Citeaza: S.T. Belinschi and H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **Int. Math. Res. Not.**, no. 2, (2005), pag. 65 – 101.
760. Octavio Arizmendi and Takahiro Hasebe, Free subordination and Belinschi-Nica semigroup, **Complex Anal. Oper. Theory** 10, no. 3 (2016), pag. 581 – 603
Citeaza: S.T. Belinschi and H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **Int. Math. Res. Not.**, no. 2, (2005), pag. 65 – 101.
761. Octavio Arizmendi and Takahiro Hasebe, Classical scale mixtures of Boolean stable laws, **Trans. Amer. Math. Soc.** 368, no. 7 (2016), pag. 4873 – 4905

- Citeaza:* S.T. Belinschi and H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **Int. Math. Res. Not.**, **no. 2**, (2005), pag. 65 – 101.
762. Arijit Chakrabarty and Rajat Subhra Hazra, Remarks on absolute continuity in the context of free probability and random matrices, **Proc. Amer. Math. Soc.** **144**, **no. 3** (2016), pag. 1335 – 1341
Citeaza: S.T. Belinschi and H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **Int. Math. Res. Not.**, **no. 2**, (2005), pag. 65 – 101.
763. Octavio Arizmendi and Takahiro Hasebe, Free subordination and Belinschi-Nica semigroup, **Complex Anal. Oper. Theory** **10**, **no. 3** (2016), pag. 581 – 603
Citeaza: Serban T. Belinschi and Alexandru Nica, *On a remarkable semigroup of homomorphisms with respect to free multiplicative convolution*, **Indiana Univ. Math. J.** **57**, **no. 4** (2008), pag. 1679 – 1713.
764. Zhigang Bao, László Erdős, and Kevin Schnelli, Local stability of the free additive convolution, **J. Funct. Anal.** **271**, **no. 3** (2016), pag. 672 – 719
Citeaza: S.T. Belinschi and H. Bercovici, *A new approach to subordination results in free probability*, **J. Anal. Math.** **101**, (2007), pag. 357 – 365.
765. Ji Oon Lee, Kevin Schnelli, Ben Stetler and Horng-Tzer Yau, Bulk universality for deformed Wigner matrices, **Ann. Probab.** **44**, **no. 3** (2016), pag. 2349 – 2425
Citeaza: S.T. Belinschi and H. Bercovici, *A new approach to subordination results in free probability*, **J. Anal. Math.** **101**, (2007), pag. 357 – 365.
766. Mireille Capitaine and Sandrine Péché, Fluctuations at the edges of the spectrum of the full rank deformed GUE, **Probab. Theory Related Fields** **165**, **no. 1-2** (2016), pag. 117 – 161
Citeaza: S.T. Belinschi and H. Bercovici, *A new approach to subordination results in free probability*, **J. Anal. Math.** **101**, (2007), pag. 357 – 365.
767. Octavio Arizmendi and Takahiro Hasebe, Free subordination and Belinschi-Nica semigroup, **Complex Anal. Oper. Theory** **10**, **no. 3** (2016), pag. 581 – 603
Citeaza: S.T. Belinschi and H. Bercovici, *A new approach to subordination results in free probability*, **J. Anal. Math.** **101**, (2007), pag. 357 – 365.
768. Octavio Arizmendi, Ion Nechita and Carlos Vargas, On the asymptotic distribution of block-modified random matrices, **J. Math. Phys.** **57**, **no. 1** (2016), 25 pag.
Citeaza: S.T. Belinschi and H. Bercovici, *A new approach to subordination results in free probability*, **J. Anal. Math.** **101**, (2007), pag. 357 – 365.
769. Ebrahimi-Fard Kurusch and Frédéric Patras, The splitting process in free probability theory, **Int. Math. Res. Not. IMRN** **no. 9**, (2016), pag. 2647 – 2676
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, **no. 4** (2011), pag. 3677 – 3698.
770. Takahiro Hasebe, Free infinite divisibility for powers of random variables, **ALEA Lat. Am. J. Probab. Math. Stat.** **13**, **no. 1** (2016), pag. 309 – 336
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The*

- normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, no. 4 (2011), pag. 3677 – 3698.
771. Octavio Arizmendi and Takahiro Hasebe, Classical scale mixtures of Boolean stable laws, **Trans. Amer. Math. Soc.** **368**, no. 7 (2016), pag. 4873 – 4905
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, no. 4 (2011), pag. 3677 – 3698.
772. Nobuhiro Asai, Marek Bożejko, and Takahiro Hasebe, Radial Bargmann representation for the Fock space of type B, **J. Math. Phys.** **57**, no. 2 (2016), 13 pag.
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner and Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Adv. Math.** **226**, no. 4 (2011), pag. 3677 – 3698.
773. Ivan Nourdin, Giovanni Peccati, Guillaume Poly and Rosaria Simone, Multidimensional limit theorems for homogeneous sums: a survey and a general transfer principle, **ESAIM Probab. Stat.** **20** (2016), pag. 293 – 308
Citeaza: M. Anshelevich, S.T. Belinschi, M. Bożejko, and Franz Lehner, *Free infinite divisibility for q -Gaussians*, **Math. Res. Lett.** **17**, no. 5 (2010), pag. 905 – 916.
774. Takahiro Hasebe, Free infinite divisibility for powers of random variables, **ALEA Lat. Am. J. Probab. Math. Stat.** **13**, no. 1 (2016), pag. 309 – 336
Citeaza: M. Anshelevich, S.T. Belinschi, M. Bożejko, and Franz Lehner, *Free infinite divisibility for q -Gaussians*, **Math. Res. Lett.** **17**, no. 5 (2010), pag. 905 – 916.
775. Nobuhiro Asai, Marek Bożejko, and Takahiro Hasebe, Radial Bargmann representation for the Fock space of type B, **J. Math. Phys.** **57**, no. 2 (2016), 13 pag.
Citeaza: M. Anshelevich, S.T. Belinschi, M. Bożejko, and Franz Lehner, *Free infinite divisibility for q -Gaussians*, **Math. Res. Lett.** **17**, no. 5 (2010), pag. 905 – 916.
776. Zhigang Bao, László Erdős, and Kevin Schnelli, Local stability of the free additive convolution, **J. Funct. Anal.** **271**, no. 3 (2016), pag. 672 – 719
Citeaza: Serban Teodor Belinschi, *The Lebesgue decomposition of the free additive convolution of two probability distributions*, **Probab. Theory Related Fields** **142**, no. 1-2 (2008), pag. 125 – 150.
777. Yoann Dabrowski and Adrian Ioana, Unbounded derivations, free dilations, and indecomposability results for II_1 factors, **Trans. Amer. Math. Soc.** **368**, no. 7 (2016), pag. 4525 – 4560
Citeaza: Serban Teodor Belinschi, *The Lebesgue decomposition of the free additive convolution of two probability distributions*, **Probab. Theory Related Fields** **142**, no. 1-2 (2008), pag. 125 – 150.
778. Arijit Chakrabarty and Rajat Subhra Hazra, Remarks on absolute continuity in the context of free probability and random matrices, **Proc. Amer. Math. Soc.** **144**, no. 3 (2016), pag. 1335 – 1341
Citeaza: Serban Teodor Belinschi, *The Lebesgue decomposition of the free additive convolution of two probability distributions*, **Probab. Theory Related Fields** **142**, no. 1-2 (2008), pag. 125 – 150.

779. Arijit Chakrabarty and Rajat Subhra Hazra, Remarks on absolute continuity in the context of free probability and random matrices, **Proc. Amer. Math. Soc.** **144**, no. 3 (2016), pag. 1335 – 1341
Citeaza: Serban Teodor Belinschi, *The atoms of the free multiplicative convolution of two probability distributions*, **Integral Equations Operator Theory** **46**, no. 4 (2003), pag. 377 – 386.
780. Zhigang Bao, László Erdős, and Kevin Schnelli, Local stability of the free additive convolution, **J. Funct. Anal.** **271**, no. 3 (2016), pag. 672 – 719
Citeaza: Serban Teodor Belinschi, *A note on regularity for free convolutions*, **Ann. Inst. H. Poincaré Probab. Statist.** **42**, no. 5 (2006), pag. 635 – 648.
781. Marius Junge and Carlos Palazuelos, CB-norm estimates for maps between noncommutative L^p -spaces and quantum channel theory, **Int. Math. Res. Not. IMRN**, no. 3 (2016), pag. 875 – 925
Citeaza: Serban Belinschi, Benoît Collins, and Ion Nechita, *Eigenvectors and eigenvalues in a random subspace of a tensor product*, **Invent. Math.** **190**, no. 3 (2012), pag. 647 – 697.
782. Zhigang Bao, László Erdős, and Kevin Schnelli, Local stability of the free additive convolution, **J. Funct. Anal.** **271**, no. 3 (2016), pag. 672 – 719
Citeaza: Serban Teodor Belinschi, *L^∞ -boundedness of density for free additive convolutions*, **Rev. Roumaine Math. Pures Appl.** **59**, no. 2 (2014), pag. 173 – 184.
783. Octavio Arizmendi, Ion Nechita, and Carlos Vargas, On the asymptotic distribution of block-modified random matrices, **J. Math. Phys.** **57**, no. 1 (2016), 25 pag.
Citeaza: Serban T. Belinschi, Roland Speicher, John Treilhard, and Carlos Vargas, *Operator-valued free multiplicative convolution: analytic subordination theory and applications to random matrix theory*, **Math. Res. Not. IMRN** no. 14 (2015), pag. 5933 – 5958.
784. Pleșca, Cezar; Togan, Mihai; Lupașcu Cristian, Homomorphic Encryption Based on Group Algebras and Goldwasser-Micali Scheme, **Innovative Security Solutions for Information Technology and Communications**, volum 10006 of series **Lecture Notes in Computer Science / Springer Verlag** (2016), pag. 149 – 166
Citeaza: Barcău, Mugurel; Pașol, Vicențiu, *Fully Homomorphic Encryption from Monoid Algebras*, preprint.
785. K. Hasegawa, Y. Kamishima, *Compact homogeneous locally conformally Kähler manifolds*, **Osaka J. Math.** **53** (2016), no. 3, pag. 683 – 703.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
786. S. Console, A. Fino, H. Kasuya, *On de Rham and Dolbeault cohomology of solvmanifolds*, **Transform. Groups** **21** (2016), no. 3, 653 – 680.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40

787. D. Angella, L. Ugarte, *Locally conformal Hermitian metrics on complex non-Kähler manifolds*, **Mediterr. J. Math.** **13** (2016), no. 4, 2105 – 2145.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
788. L. Ornea, M. Verbitsky, *LCK rank of locally conformally Kähler manifolds with potential*, **J. Geom. Phys.** **107** (2016), 92 – 98.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
789. V. Apostolov, G. Dloussky, *Locally conformally symplectic structures on compact non-Kähler complex surfaces*, **Int. Math. Res. Not. IMRN** **2016**, no. 9, 2717 – 2747.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
790. W. He, S. Sun, *Frankel conjecture and Sasaki geometry*, **Adv. Math.** **291** (2016), 912 – 960.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
791. M. Ceballos, A. Otal, L. Ugarte, R. Villacampa, *Invariant complex structures on 6-nilmanifolds: classification, Frlicher spectral sequence and special Hermitian metrics*, **J. Geom. Anal.** **26** (2016), no. 1, 252 – 286.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
792. L. Ornea, M. Verbitsky, *Locally conformally Kähler metrics obtained from pseudoconvex shells*, **Proc. Amer. Math. Soc.** **144** (2016), no. 1, 325 – 335.
Citeaza: F. Belgun, *On the metric structure of non-Kähler complex surfaces*, **Math. Ann.** **317** (2000), pag. 1 – 40
793. I. Biswas, M. Fernández, V. Muñoz, A. Tralle, *On formality of Sasakian manifolds* **J. Topol.** **9** (2016), no. 1, 161–180.
Citeaza: F. Belgun, A. Moroianu, U. Semmelmann, *Symmetries of contact metric manifolds*, **Geom. Dedicata** **101** (2003), pag. 101 – 216
794. M. Pilca, *Toric Vaisman manifolds* **J. Geom. Phys.** **107** (2016), 149–161.
Citează: F. Belgun, A. Moroianu, *On the irreducibility of locally metric connections*, **J. Reine Angew. Math.** **714** (2016), 123 – 150.
795. Lei, Qiang; Su, Xiaochao; Wu, Junde Continuity of the sequential product of sequential quantum effect algebras. **J. Math. Phys.** **57** (2016), no. 4, 043501, 7 pp.
Citeaza: A. Gheondea, S. Gudder, *Sequential product of quantum effects*, **Proc. Amer. Math. Soc.** **132**(2004), pag. 503 – 512.

796. Zhang, Haiyan; Xue, Mingzhi Fixed points of trace preserving completely positive maps. **Linear Multilinear Algebra** 64 (2016), no. 3, 404–411.
Citeaza: A. Arias, A. Gheondea, S. Gudder, *Fixed points of quantum operations*, **J. Math. Phys.** 12(2002), pag. 5872 – 5881.
797. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: T. Constantinescu, A. Gheondea, *Minimal signature in lifting of operators. II*, **J. Func. Anal.** 103(1992), pag. 317 – 351.
798. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: T. Constantinescu, A. Gheondea, *Minimal signature in lifting of operators. I*, **J. Operator Theory** (an), pag. 345–367.
799. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: Gr. Arsene, T. Constantinescu, A. Gheondea, *Lifting of operators and prescribed numbers of negative squares*, **Michigan Math. J.** 34(1987), pag. 201 – 216.
800. Giribet, Juan I.; Maestripietri, Alejandra; Martinez Pera, Francisco Optimal normal projections in Krein spaces. **Linear Algebra Appl.** 490 (2016), 77–101.
Citeaza: A. Gheondea, P. Jonas, *A characterization of spectral functions of definitizable operators*, **J. Operator Theory** 17(1987), pag. 99 – 119.
801. Baidiuk, Dmytro; Hassi, Seppo Completion, extension, factorization, and lifting of operators. **Math. Ann.** 364 (2016), no. 3-4, 1415–1450.
Citeaza: Gr. Arsen, A. Gheondea, *Completing matrix contractions*, **J. Operator Theory** 7(1982), pag. 179 – 189.
802. S. Reichelt, Error estimates for nonlinear reaction-diffusion systems involving different diffusion length scales, **Journal of Physics** 727 (2016), pag. 1 – 16
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** 9 (2007), pag. 642–668
803. A. Mielke, On Evolutionary Γ -Convergence for Gradient Systems, **Lecture Notes in Applied Mathematics and Mechanics** 3 (2016), pag. 187 – 249
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** 9 (2007), pag. 642–668
804. M. Heida, B. Schweizer, Non-periodic homogenization of infinitesimal strain plasticity equations, **ZAMM-Journal of Applied Mathematics and Mechanics** 96 (2016), pag. 5 – 23
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** 9 (2007), pag. 642–668

805. M. Liero, S. Reichelt, Homogenization of CahnHilliard-type equations with unbounded potentials, **PAMM** **16** (2016), pag. 917 – 920
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
806. M. Heida, B. Schweizer, Stochastic homogenization of plasticity equations, **arXiv:1604.02291** (2016)
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
807. A. Muntean, S. Reichelt, Corrector estimates for a thermo-diffusion model with weak thermal coupling, **arXiv:1610.00945** (2016)
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
808. L. Minotti, G. Savaré, Viscous corrections of the Time Incremental Minimization Scheme and Visco-Energetic Solutions to Rate-Independent Evolution Problems, **arXiv:1606.03359** (2016), 60 pag.
Citeaza: Alexander Mielke, Aida Timofte, *An energetic material model for time-dependent ferroelectric behaviour: existence and uniqueness*, **Mathematical methods in the applied sciences** **29** (2006), pag. 1393–1410
809. S. Heinz, A. Mielke, Existence, numerical convergence and evolutionary relaxation for a rate-independent phase-transformation model, **Philosophical Transactions of the Royal Society A** **374** (2016)
Citeaza: A. Timofte, *Homogenization for a nonlinear ferroelectric model*, **Asymptotic Analysis** (61), pag. 177 – 194
810. Chen Xuan, Changwei Xu, Yongzhong Huo, Exploring the cylindrical photo-bending shape in polydomain nematic glass, **arXiv:1605.07004**(2016)
Citeaza: A. Timofte, *Homogenization for a nonlinear ferroelectric model*, **Asymptotic Analysis** (61), pag. 177 – 194
811. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *Cut locus structures on graphs*, **Discrete Math.** **312** (2012), 524–531
812. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *Every graph is a cutlocus*, **J. Math. Soc. Jpn.** **67** (2015), 1227–1238
813. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *On the number of cut locus structures on graphs*, **arXiv:1103.1764v1**

814. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *Orientable cut locus structures on graphs*, **arXiv:1103.3136v1**
815. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: C. Vîlcu, *On two conjectures of Steinhaus*, **Geom. Dedicata** **79** (2000), 267–275
816. D. Davis, V. Dods, C. Traub, J. Yang, Geodesics on the regular tetrahedron and the cube, **Discrete Mathematics** **340** (2016), 3183–3196
Citează: J. Itoh, J. ORourke, C. Vîlcu, *Star unfolding convex polyhedra via quasigeodesic loops*, **Discrete Comput. Geom.** **44** (2010), 35–54
817. D. Davis, V. Dods, C. Traub, J. Yang, Geodesics on the regular tetrahedron and the cube, **Discrete Mathematics** **340** (2016), 3183–3196
Citează: J. Rouyer, C. Vîlcu, *Sets of tetrahedra, defined by maxima of distance functions*, **An. Șt. Univ. Ovidius Constana** **20** (2012), 197–212
818. J. Itoh, C. Nara, Continuous flattening of truncated tetrahedra, **J. Geom.** **107** (2016), 61–75
Citează: J. Itoh, C. Nara, C. Vîlcu, *Continuous flattening of convex polyhedra*, în vol. A. Márquez et al. (eds.), *Computational Geometry*, **Springer Lecture Notes in Computer Science** **7579** (2012), 85–97
819. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.): *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: J. Itoh, J. Rouyer, C. Vîlcu, *Antipodal convex hypersurfaces*, **Indag. Math. New Ser.** **19** (2008), 411–426
820. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.): *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: J. Itoh, C. Vîlcu, *What do cylinders look like?*, **J. Geom.** **95** (2009), 41–48
821. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.): *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: C. Vîlcu, *On two conjectures of Steinhaus*, **Geom. Dedicata** **79** (2000), 267–275
822. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.), *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: C. Vîlcu, T. Zamfirescu, *Symmetry and the farthest point mapping on convex surfaces*, **Adv. Geom.** **6** (2006), 379–387
823. A. Rivière, About the Hausdorff Dimension of the Set of Endpoints of Convex Surfaces, în vol. K. Adiprasito et al. (eds.), *Convexity and Discrete Geometry Including Graph*

- Theory, **Springer Proc. in Math. & Stat.** **148** (2016), 85–95
Citează: C. Vîlcu, *On typical degenerate convex surfaces*, **Math. Ann.** **340** (2008), 543–567
824. A. Fruchard, A. Magazinov, Fair partitioning by straight lines, în vol. K. Adiprasito et al. (eds.), *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 161–165
Citează: N. Chevallier, A. Fruchard, C. Vîlcu, *Envelopes of α -sections*, în vol. K. Adiprasito et al. (eds.): *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 193–218
825. Colin Guillarmou, Gabriel P. Paternain, Mikko Salo, Gunther Uhlmann, The X-Ray Transform for Connections in Negative Curvature, **Communications in Mathematical Physics** **343** (2016), pag. 83 – 127
Citează: V Nitica, A Torok *Regularity of the transfer map for cohomologous cocycles*, **Ergodic Theory and Dynamical Systems** **18** (1998), pag. 1187–1209
826. Yun Yang, Livsic measurable rigidity for C^1 generic volume-preserving Anosov systems, **Proc. Amer. Math. Soc.** **144** (2016), pag. 1119–1127
Citează: Anatole Katok, Viorel Nitica, *Rigidity in higher rank abelian group actions. Volume I, Cambridge Tracts in Mathematics, vol. 185*, **Cambridge University Press, Cambridge** (2011),
827. Erik Bedos, Roberto Conti, Fourier theory and C^* -algebras **Journal of Geometry and Physics** **105** (2016), pag. 2 – 24
Citează: F Boca, V Nitica, *Combinatorial properties of groups and simple C^* -algebras with a unique trace*, **J. Operator Theory** **20** (1988), pag. 183 – 196
828. Mahesh Nerurkar, Forced linear oscillators and the dynamics of euclidean group extensions, **Discrete Continuous Dynamical Systems - Series S** (2016), pag. 1201 – 1234
Citează: I Melbourne, V Nitica, A Torok, *Transitivity of Euclidean-type extensions of hyperbolic systems*, **Ergodic Theory and Dynamical Systems** **29** (an), pag. 1585–1602
Citează: V Nitica, M Pollicott, *Transitivity of Euclidean extensions of Anosov diffeomorphisms*, **Ergodic Theory and Dynamical Systems** **25** (an), pag. 257–269
829. H. Barsam , H. Mohebi, Characterizations of Upward and Downward Sets in Semimodules by Using Topical Functions, **Journal Numerical Functional Analysis and Optimization** **37** (2016), pag. 1354–1377
Citează: I Singer, V Nitica, *Topical functions on semimodules and generalizations*, **Linear Algebra and its Applications** **437** (an), pag. 2471–2488
Citează: I Singer, V Nitica, *Extended-valued topical and anti-topical functions on semimodules*, **Linear Algebra and its Applications** **446** (an), pag. 25–70
830. S. Reichelt, Error estimates for nonlinear reaction-diffusion systems involving different diffusion length scales, **Journal of Physics** **727** (2016), pag. 1 – 16
Citează: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668

831. A. Mielke, On Evolutionary Γ -Convergence for Gradient Systems, **Lecture Notes in Applied Mathematics and Mechanics** **3** (2016), pag. 187 – 249
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
832. M. Heida, B. Schweizer, Non-periodic homogenization of infinitesimal strain plasticity equations, **ZAMM-Journal of Applied Mathematics and Mechanics** **96** (2016), pag. 5 – 23
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
833. M. Liero, S. Reichelt, Homogenization of CahnHilliard-type equations with unbounded potentials, **PAMM** **16** (2016), pag. 917 – 920
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
834. M. Heida, B. Schweizer, Stochastic homogenization of plasticity equations, **arXiv:1604.02291** (2016)
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
835. A. Muntean, S. Reichelt, Corrector estimates for a thermo-diffusion model with weak thermal coupling, **arXiv:1610.00945** (2016)
Citeaza: Alexander Mielke and Aida Timofte, *Two-scale homogenization for evolutionary variational inequalities via the energetic formulation*, **SIAM Journal on Mathematical Analysis** **9** (2007), pag. 642–668
836. L. Minotti, G. Savaré, Viscous corrections of the Time Incremental Minimization Scheme and Visco-Energetic Solutions to Rate-Independent Evolution Problems, **arXiv:1606.03359** (2016), 60 pag.
Citeaza: Alexander Mielke, Aida Timofte, *An energetic material model for time-dependent ferroelectric behaviour: existence and uniqueness*, **Mathematical methods in the applied sciences** **29** (2006), pag. 1393–1410
837. S. Heinz, A. Mielke, Existence, numerical convergence and evolutionary relaxation for a rate-independent phase-transformation model, **Philosophical Transactions of the Royal Society A** **374** (2016)
Citeaza: A. Timofte, *Homogenization for a nonlinear ferroelectric model*, **Asymptotic Analysis** (61), pag. 177 – 194
838. Chen Xuan, Changwei Xu, Yongzhong Huo, Exploring the cylindrical photo-bending shape in polydomain nematic glass, **arXiv:1605.07004**(2016)
Citeaza: A. Timofte, *Homogenization for a nonlinear ferroelectric model*, **Asymptotic Analysis** (61), pag. 177 – 194

839. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *Cut locus structures on graphs*, **Discrete Math.** **312** (2012), 524–531
840. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *Every graph is a cutlocus*, **J. Math. Soc. Jpn.** **67** (2015), 1227–1238
841. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *On the number of cut locus structures on graphs*, **arXiv:1103.1764v1**
842. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: J. Itoh, C. Vîlcu, *Orientable cut locus structures on graphs*, **arXiv:1103.3136v1**
843. A. Maddaloni, C. T. Zamfirescu, A cut locus for finite graphs and the farthest point mapping, **Discrete Mathematics** **339** (2016), 354–364
Citează: C. Vîlcu, *On two conjectures of Steinhaus*, **Geom. Dedicata** **79** (2000), 267–275
844. D. Davis, V. Dods, C. Traub, J. Yang, Geodesics on the regular tetrahedron and the cube, **Discrete Mathematics** **340** (2016), 3183–3196
Citează: J. Itoh, J. ORourke, C. Vîlcu, *Star unfolding convex polyhedra via quasigeodesic loops*, **Discrete Comput. Geom.** **44** (2010), 35–54
845. D. Davis, V. Dods, C. Traub, J. Yang, Geodesics on the regular tetrahedron and the cube, **Discrete Mathematics** **340** (2016), 3183–3196
Citează: J. Rouyer, C. Vîlcu, *Sets of tetrahedra, defined by maxima of distance functions*, **An. Șt. Univ. Ovidius Constanța** **20** (2012), 197–212
846. J. Itoh, C. Nara, Continuous flattening of truncated tetrahedra, **J. Geom.** **107** (2016), 61–75
Citează: J. Itoh, C. Nara, C. Vîlcu, *Continuous flattening of convex polyhedra*, în vol. A. Márquez et al. (eds.), *Computational Geometry*, **Springer Lecture Notes in Computer Science** **7579** (2012), 85–97
847. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.): *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: J. Itoh, J. Rouyer, C. Vîlcu, *Antipodal convex hypersurfaces*, **Indag. Math. New Ser.** **19** (2008), 411–426
848. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.): *Convexity and Discrete Geometry Including Graph Theory*, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: J. Itoh, C. Vîlcu, *What do cylinders look like?*, **J. Geom.** **95** (2009), 41–48

849. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.): Convexity and Discrete Geometry Including Graph Theory, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: C. Vîlcu, *On two conjectures of Steinhaus*, **Geom. Dedicata** **79** (2000), 267–275
850. J. Rouyer, Steinhaus Conditions for Convex Polyhedra, în vol. K. Adiprasito et al. (eds.), Convexity and Discrete Geometry Including Graph Theory, **Springer Proc. in Math. & Stat.** **148** (2016), 77–84
Citează: C. Vîlcu, T. Zamfirescu, *Symmetry and the farthest point mapping on convex surfaces*, **Adv. Geom.** **6** (2006), 379–387
851. A. Rivière, About the Hausdorff Dimension of the Set of Endpoints of Convex Surfaces, în vol. K. Adiprasito et al. (eds.), Convexity and Discrete Geometry Including Graph Theory, **Springer Proc. in Math. & Stat.** **148** (2016), 85–95
Citează: C. Vîlcu, *On typical degenerate convex surfaces*, **Math. Ann.** **340** (2008), 543–567
852. A. Fruchard, A. Magazinov, Fair partitioning by straight lines, în vol. K. Adiprasito et al. (eds.), Convexity and Discrete Geometry Including Graph Theory, **Springer Proc. in Math. & Stat.** **148** (2016), 161–165
Citează: N. Chevallier, A. Fruchard, C. Vîlcu, *Envelopes of α -sections*, în vol. K. Adiprasito et al. (eds.): Convexity and Discrete Geometry Including Graph Theory, **Springer Proc. in Math. & Stat.** **148** (2016), 193–218
853. M. Fathi, J. Maas, Entropic Ricci curvature bounds for discrete interacting systems, **Ann. Appl. Probab.** **26** (3) (2016), pag. 1774 – 1806
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.
854. C. Léonard, Lazy random walks and optimal transport on graphs, **Ann. Probab.** **44** (3) (2016), pag. 1864 – 1915
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.
855. M.N. Pascu, I. Popescu, Shy and fixed-distance couplings of Brownian motions on manifolds, **Stochastic Process. Appl.** **126** (2) (2016), pag. 628 – 650
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.
856. R.S. Sandhu, T. Georgiou, A.R. Tannenbaum, Ricci curvature: An economic indicator for market fragility and systemic risk, **Science Advances** **2** (5) (2016), e1501495
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.
857. N.C. Bonciocat, An irreducibility criterion for the sum of two relatively prime polynomials, **Funct. Approx. Comment. Math.** **54** (2) (2016), pag. 163 – 171
Citează: A.I. Bonciocat, A. Zaharescu, *Irreducibility results for compositions of polynomials with integer coefficients*, **Monatsh. Math.** **149** (1) (2006), pag. 31 – 41.

858. Fasel, J. , On the number of generators of ideals in polynomial rings, **Ann. of Math.** (2) **184** (2016), no. 1, 315331,
citeaza: D. Popescu, *Polynomial rings and their projective modules*, **Nagoya Math. J.**,**113**,(1989) ,121-128.
859. Greuel, G. M., Nguyen, H. D., Right simple singularities in positive characteristic, **J. Reine Angew. Math.** **712**, (2016), 81106,
citeaza: H. Kurke, T. Mostowski, G.Pfister, D. Popescu, M.Roczen, *Die Approximationseigenschaft lokaler Ringe*, **Springer Lect. Notes in Math.** **634**,(1978), Berlin,
si
D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104**, (1986), 85-115.
860. Liu, Q., Tong, J., Nron models of algebraic curves, **Trans. Amer. Math. Soc.** **368**, (2016), no. 10, 70197043,
citeaza: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104**, (1986), 85-115.
861. Mir N. , On Artin approximation for formal CR mappings, **Math. Res. Lett.** **23**, (2016), no. 1, 221244,
citeaza: D. Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.**, **104**, (1986), 85-115.
862. R ndigs, O., stvr, P. A., Slices of hermitian K-theory and Milnor’s conjecture on quadratic forms, **Geom. Topol.** **20** (2016), no. 2, 11571212,
citeaza: D. Popescu, *General Neron desingularization*, **Nagoya Math. J.**,**100**,(1985), 97-126.
863. Caviglia, G., Murai, S., On Hilbert functions of general intersections of ideals, **Nagoya Math. J.** **222** (2016), no. 1, 6173,
citeaza: J. Herzog, D. Popescu, *Hibert functions and generic forms*, **Compositio Math.** **113** (1998),1-22.
864. Caviglia, G., Sbarra, E., The lex-plus-powers inequality for local cohomology modules, **Math. Ann.** **364** (2016), no. 1-2, 225241,
citeaza: J. Herzog, D. Popescu, *Hibert functions and generic forms*, **Compositio Math.** **113** (1998),1-22.
865. Chong, K., Fong E., An application of liaison theory to the Eisenbud-Green-Harris conjecture, **J. Algebra** **445** (2016), 221231,
citeaza: J. Herzog, D. Popescu, *Hibert functions and generic forms*, **Compositio Math.** **113** (1998),1-22.
866. Lu, D., Yu, J., Bounds for arithmetic degrees, **Comm. Algebra** **44** (2016), no. 5, 19711980,
citeaza: J. Herzog, D. Popescu, *Finite filtrations of modules and shellable multicomplexes*, **Manuscripta Math.**, **121**, no 3, (2006), 385-410.

867. Schoutens, H., The theory of ordinal length, **Beitr. Algebra Geom.** **57** (2016), no. 1, 67118,
citeaza: J. Herzog, D. Popescu, *Finite filtrations of modules and shellable multicomplexes*, **Manuscripta Math.**, **121**, no 3, (2006), 385-410.
868. Mandal, S., On the complete intersection conjecture of Murthy, **J. Algebra** **458** (2016), 156170,
citeaza: D. Popescu, *Letter to the Editor, General Neron desingularization and approximation*, **Nagoya Math. J.**, **118**, (1990), 45-53.
869. Iyengar, S., B.; Takahashi, R., Annihilation of cohomology and strong generation of module categories, **Int. Math. Res. Not. IMRN**, 2016, no. 2, 499535.
citeaza: J. Herzog, D. Popescu, *Thom-Sebastiani problems for maximal Cohen-Macaulay modules*, **Math. Ann.**, **309** (1997), 677-700.
si
D. Popescu, M. Roczen *Indecomposable Cohen-Macaulay modules and irreducible maps*, **Compositio Math.** **76** (1990), 277-294.
870. Goodarzi, A., Dimension filtration, sequential Cohen-Macaulayness and a new polynomial invariant of graded algebras, **J. Algebra** **456** (2016), 250265,
citeaza: J. Herzog, D. Popescu, M. Vladioiu, *On the Ext-modules of ideals of Borel type*, in **Commutative Algebra, Interactions with Algebraic Geometry**, Eds: L. Avramov et al, **Contemporary Math.** **331**, AMS, Providence, 2003, 171-186.
871. Dimca, A., Popescu, D., Hilbert series and Lefschetz properties of dimension one almost complete intersections, **Comm. Algebra** **44** (2016), no. 10, 44674482,
citeaza: D. Popescu, *The strong Lefschetz property and certain complete intersection extensions*, **Bull. Math. Soc. Sc. Math. Roumanie**, **48(96)**, no 4, (2005), 421-431.
872. Shen, Yi-Huang, Stanley depth and Stanley support-regularity of monomial ideals, **Collect. Math**, **67** (2016), no. 2, 227246,
Citeaza: J. Herzog, D. Popescu, M. Vladioiu, *Stanley depth and size of a monomial ideal*, **Proceedings of AMS**, **140**, (2012), 493-504.
873. Gong, Wenmin; Lu, Guangcun, Two new estimates for eigenvalues of Dirac operators, **Ann. Polon. Math.** **117** (2016), pag. 109 – 126.
Citeaza: M. Pilca, *Kählerian twistor spinors*, **Math. Z.** **268** (2011), pag. 223-255.
874. Arizmendi, Gerardo; Herrera, Rafael; Santana, Noemi, Almost even-Clifford hermitian manifolds with a large automorphism group. **Proc. Amer. Math. Soc.** **144** (2016), no. 9, pag. 4009 - 4020.
Citeaza: A. Moroianu, M. Pilca, *Higher rank homogeneous Clifford structures*, **J. Lond. Math. Soc. (2)** **87** (2013), pag. 223-255.
875. Eelbode, David; Roels, Matthias, Generalised Maxwell equations in higher dimensions. **Complex Anal. Oper. Theory** **10**, no. 2 (2016), pag. 267 – 293. *Citeaza:* M. Pilca, *A representation-theoretical proof of Branson's classification of elliptic generalized gradients*, **Differ. Geom. Appl.** **29** (2011), pag. 188 - 195.

876. Homma, Yasushi: Twisted Dirac operators and generalized gradients. **Ann. Global Anal. Geom.** **50**, no. **2** (2016), pag. 101 - 127. *Citeaza*: M. Pilca, *A note on the conformal invariance of G-generalized gradients.*, **Internat. J. Math.** **22** (2011), pag. 1561 - 1583.
877. L. M. del Pezzo, J. D. Rossi, The first nontrivial eigenvalue for a system of p-Laplacians with Neumann and Dirichlet boundary conditions, **Nonl. Anal. Theory, Methods and Applications**, **137** (2016), pag. 381 - 401
Citeaza: M. Bonforte, R. Iagar, J. L. Vázquez, *Local smoothing effects, positivity, and Harnack inequalities for the fast p-Laplacian equation*, **Adv. in Math.**, **224**, no. **5** (2010), pag. 2151 - 2215
878. M. Wang, P. Y. H. Pang, Y. Chen, Initial and Boundary Blow-Up Problem for pp-Laplacian Parabolic Equation with General Absorption, **J. Dynamics Differential Equations**, **28**, no. **1** (2016), pag. 253 - 279
Citeaza: M. Bonforte, R. Iagar, J. L. Vázquez, *Local smoothing effects, positivity, and Harnack inequalities for the fast p-Laplacian equation*, **Adv. in Math.**, **224**, no. **5** (2010), pag. 2151 - 2215
879. A. Dall'Aglio, L. Orsina, F. Petitta, Existence of solutions for degenerate parabolic equations with singular terms, **Nonl. Anal. Theory, Methods and Applications**, **131** (2016), pag. 273 - 288
Citeaza: M. Bonforte, R. Iagar, J. L. Vázquez, *Local smoothing effects, positivity, and Harnack inequalities for the fast p-Laplacian equation*, **Adv. in Math.**, **224**, no. **5** (2010), pag. 2151 - 2215
880. A. Audrito, J. L. Vázquez, The Fisher-KPP problem with doubly nonlinear "fast" diffusion, **Preprint ArXiv no. 1607.01338** (2016), pag. 1 - 42
Citeaza: M. Bonforte, R. Iagar, J. L. Vázquez, *Local smoothing effects, positivity, and Harnack inequalities for the fast p-Laplacian equation*, **Adv. in Math.**, **224**, no. **5** (2010), pag. 2151 - 2215
881. J. L. Vázquez, The Dirichlet problem for the fractional p-Laplacian evolution equation, **J. Differential Equations**, **260**, no. **7** (2016), pag. 6038 - 6056
Citeaza: R. Iagar, A. Sánchez, J. L. Vázquez, *Radial equivalence for the two basic nonlinear degenerate diffusion equations*, **J. Math. Pures Appl.**, **89**, no. **1** (2008), pag. 1 - 24
882. A. Audrito, J. L. Vázquez, The Fisher-KPP problem with doubly nonlinear "fast" diffusion, **Preprint ArXiv no. 1607.01338** (2016), pag. 1 - 42
Citeaza: R. Iagar, A. Sánchez, J. L. Vázquez, *Radial equivalence for the two basic nonlinear degenerate diffusion equations*, **J. Math. Pures Appl.**, **89**, no. **1** (2008), pag. 1 - 24
883. G. Grillo, M. Muratori, J. L. Vázquez, The porous medium equation on Riemannian manifolds with negative curvature. The large-time behaviour **Preprint ArXiv no. 1604.06126** (2016), pag. 1 - 47
Citeaza: R. G. Iagar, A. Sánchez, *Large time behavior for a porous medium equation in a nonhomogeneous medium with critical density*, **Nonl. Anal.** **102** (2014), pag. 226 - 241

884. G. Grillo, M. Muratori, F. Punzo, The porous medium equation with large initial data on negatively curved Riemannian manifolds **Preprint ArXiv no. 1609.06498** (2016), pag. 1 – 29
Citeaza: R. G. Iagar, A. Sánchez, *Large time behavior for a porous medium equation in a nonhomogeneous medium with critical density*, **Nonl. Anal.** **102** (2014), pag. 226 – 241
885. M. Muratori, The fractional Laplacian in power-weighted L^p spaces: Integration-by-parts formulas and self-adjointness **J. Functional Analysis**, **271**, no. **12** (2016), pag. 3662 – 3694
Citeaza: R. G. Iagar, A. Sánchez, *Large time behavior for a porous medium equation in a nonhomogeneous medium with critical density*, **Nonl. Anal.** **102** (2014), pag. 226 – 241
886. M. Muratori, The fractional Laplacian in power-weighted L^p spaces: Integration-by-parts formulas and self-adjointness **J. Functional Analysis**, **271**, no. **12** (2016), pag. 3662 – 3694
Citeaza: R. G. Iagar, A. Sánchez, *Asymptotic behavior for the heat equation in nonhomogeneous media with critical density*, **Nonl. Anal.** **89** (2013), pag. 24 – 35
887. G. Grillo, M. Muratori, F. Punzo, The porous medium equation with large initial data on negatively curved Riemannian manifolds **Preprint ArXiv no. 1609.06498** (2016), pag. 1 – 29
Citeaza: R. G. Iagar, A. Sánchez, *Asymptotic behavior for the heat equation in nonhomogeneous media with critical density*, **Nonl. Anal.** **89** (2013), pag. 24 – 35
888. G. Toscani, Kinetic and mean-field description of Gibrat’s law, **Physica A**, **461** (2016), pag. 802 – 811
Citeaza: R. G. Iagar, A. Sánchez, *Asymptotic behavior for the heat equation in nonhomogeneous media with critical density*, **Nonl. Anal.** **89** (2013), pag. 24 – 35
889. L. M. del Pezzo, J. D. Rossi, The first nontrivial eigenvalue for a system of p -Laplacians with Neumann and Dirichlet boundary conditions, **Nonl. Anal. Theory, Methods and Applications**, **137** (2016), pag. 381 – 401
Citeaza: R. Iagar, J. L. Vázquez, *Asymptotic analysis of the p -Laplacian flow in an exterior domain* **Ann. Inst. H. Poincaré Ann. Non Linéaire**, **26**, no. **2**, pag. 497 – 520.
890. L. M. del Pezzo, J. D. Rossi, The first nontrivial eigenvalue for a system of p -Laplacians with Neumann and Dirichlet boundary conditions, **Nonl. Anal. Theory, Methods and Applications**, **137** (2016), pag. 381 – 401
Citeaza: R. Iagar, J. L. Vázquez, *Asymptotic analysis for the p -Laplacian evolution equation in an exterior domain in low dimension* **J. European Math. Society (JEMS)**, **12**, no. **1** (2010), pag. 249 – 277
891. V. Bogelein, F. Duzaar, U. Gianazza, Sharp boundedness and continuity results for the singular porous medium equation **Israel J. Math**, **214**, no. **1** (2016), pag. 259–314
Citeaza: R. Iagar, A. Sánchez, J. L. Vázquez, *Radial equivalence for the two basic nonlinear degenerate diffusion equations*, **J. Math. Pures Appl.**, **89**, no. **1** (2008), pag. 1 – 24

892. V. Bogelein, F. Duzaar, U. Gianazza, Sharp boundedness and continuity results for the singular porous medium equation **Israel J. Math**, **214**, no. 1 (2016), pag. 259–314
Citeaza: R. G. Iagar, A. Sánchez, *Radial equivalence and study of self-similarity for two very fast diffusion equations*, **J. Math. Anal. Appl.**, **351**, no. 2 (2009), pag. 635 – 652

4 Autocitări

1. T. Albu, M. Iosif, A. Tercan, *The conditions (C_i) in modular lattices, and applications*, **J. Algebra Appl.** **15** (2016), 1650001 [19 pages].
Citeaza: **4 autocitari**
2. T. Albu, *Relativization, absolutization, and latticization in Ring and Module Theory*, **São Paulo J. Math. Sci.** **10** (2016), 180-218.
Citeaza: **22 autocitari**
3. T. Albu, M. Iosif, *New results on C_{11} and C_{12} lattices with applications to Grothendieck categories and torsion theories*, **Front. Math. China** **11** (2016), 815-828.
Citeaza: **8 autocitari**
4. M. Colțoiu, C. Joita, *On Runge-curved domains in Stein spaces*, **Ann. Scuola Norm. Sup. Pisa Cl. Sci. (5)** **16** (2016)
Citeaza: M. Colțoiu; A. Silva, *Behnke-Stein theorem on complex spaces with singularities*, **Nagoya Math. J.** **137** (1995), pag. 183–194.
5. Victor Alexandru, Marian Vâjăitu and Alexandru Zaharescu, *On p -adic analytic continuation with applications to generating elements*, **Proceedings of the Edinburgh Mathematical Society** **59** (2016), pag. 1 – 10
Citeaza: Popescu, A.; Popescu, N.; Vajaitu, M.; Zaharescu, A., *Chains of metric invariants over a local field*, **Acta Arithmetica** **103** (2002), pag. 27 – 40
6. Victor Alexandru, Marian Vâjăitu and Alexandru Zaharescu, *Continuous automorphisms of transcendental closed subfields of C_p* , **Monatsh Math** **181** (2016), pag. 527 – 535
Citeaza: Popescu, A.; Popescu, N.; Vajaitu, M.; Zaharescu, A., *Chains of metric invariants over a local field*, **Acta Arithmetica** **103** (2002), pag. 27 – 40
7. Victor Alexandru, Marian Vâjăitu and Alexandru Zaharescu, *Continuous automorphisms of transcendental closed subfields of C_p* , **Monatsh Math** **181** (2016), pag. 527 – 535
Citeaza: Marian Vâjăitu and Alexandru Zaharescu, *Trace functions and Galois invariant p -adic measures*, **Publicacions Matematiques** **50** (2006), pag. 43 – 55
8. Victor Alexandru, Marian Vâjăitu and Alexandru Zaharescu, *Continuous automorphisms of transcendental closed subfields of C_p* , **Monatsh Math** **181** (2016), pag. 527 – 535
Citeaza: N Popescu, M Vâjăitu, A Zaharescu, *On the Existence of Trace for Elements of C_p* , **Algebras and Representation Theory** **9** (2006), pag. 47 – 66
9. Victor Alexandru, Marian Vâjăitu and Alexandru Zaharescu, *Continuous automorphisms of transcendental closed subfields of C_p* , **Monatsh Math** **181** (2016), pag. 527 – 535
Citeaza: Victor Alexandru, Marian Vâjăitu and Alexandru Zaharescu, *On p -adic analytic*

- continuation with applications to generating elements*, **Proceedings of the Edinburgh Mathematical Society** **59** (2016), pag. 1 – 10
10. Marian Aprodu, Luigi Lombardi, On the vanishing of weight one Koszul cohomology of abelian varieties, **Bull. London Math. Soc.** **48** (2016) pag. 280 – 290 *Citeaza*: Marian Aprodu, Jan Nagel, *Koszul Cohomology and Algebraic Geometry*, **University Lecture Series** **62** American Mathematical Society, Providence RI 2010.
 11. Marian Aprodu, Marius Marchitan, Priority omalous bundles on Hirzebruch surfaces, **J. Geom. Phys.** **99** (2016) pag. 1 – 9
Citeaza: Marian Aprodu, Vasile Brinzanescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya Math. J.** **154** (1999) pag. 111 – 122
 12. Marian Aprodu, Marius Marchitan, Priority omalous bundles on Hirzebruch surfaces, **J. Geom. Phys.** **99** (2016) pag. 1 – 9
Citeaza: Marian Aprodu, Vasile Brinzanescu, *Stable rank-2 vector bundles over ruled surfaces*, **C. R. Acad. Sci. Paris** **325** (3) (1997) pag. 295 – 300
 13. Mihai Staic, Secondary Hochschild cohomology, **Algebr. Represent. Theory**, **19** (2016), pag. 47-56
Citeaza: Mihai Staic and Alin Stancu, *Operations on the secondary Hochschild cohomology*, **Homology Homotopy Appl.** **17** (2015), page 129-146.
Citeaza: Mihai Staic, *Secondary cohomology and k -invariants*, **Bull. Belg. Math. Soc. Simon Stevin** **19** (2012), pag. 561–572.
 14. D. Beltiță, A. Zergane, Amenability and representation theory of pro-Lie groups, **Math. Z.** (2016), doi:10.1007/s00209-016-1779-6, 1-22.
Citează: I. Beltiță, D. Beltiță, *Algebras of symbols associated with the Weyl calculus for Lie group representations*, **Monatsh. Math.** **167** (2012), no. 1, pag. 13–33.
 15. D. Beltiță, A. Zergane, Amenability and representation theory of pro-Lie groups, **Math. Z.** (2016), doi:10.1007/s00209-016-1779-6, 1-22.
Citează: I. Beltiță, D. Beltiță, *Continuity of magnetic Weyl calculus*. **J. Funct. Anal.** **260** (2011), no. 7, pag. 1944–1968.
 16. D. Beltiță, A. Zergane, Amenability and representation theory of pro-Lie groups, **Math. Z.** (2016), doi:10.1007/s00209-016-1779-6, 1-22.
Citează: I. Beltiță, D. Beltiță, *On differentiability of vectors in Lie group representations*. **J. Lie Theory** **21** no. 4, 771785 (2011).
 17. M. González Villa, A. Libgober, L. Maxim, Motivic infinite cyclic covers, **Adv. Math.** **298** (2016), pag. 413 – 447
Citeaza: Y. Liu, L. Maxim, *Reidemeister torsion, peripheral complex and Alexander polynomials of hypersurface complements*, **Algebr. Geom. Topol.** **15** (2015), pag. 2757 – 2787.
 18. M. González Villa, A. Libgober, L. Maxim, Motivic infinite cyclic covers, **Adv. Math.** **298** (2016), pag. 413 – 447
Citeaza: L. Maxim, *Intersection homology and Alexander modules of hypersurface complements*, **Comm. Math. Helv.** **81** (2006), pag. 123 – 155.

19. L. Dăuș, C. Năstăsescu, M. Salim, The exchange property in Grothendieck categories. Applications, **Comm. Algebra** **44** (2016), pag. 1433–1442
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
20. S. Dăscălescu, C. Năstăsescu, L. Năstăsescu, Symmetric algebras in categories of corepresentations and smash products, **J. Algebra** **465** (2016), pag. 62–80
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)
21. F. Fillastre, I. Izmistiev, G. Veronelli, Hyperbolization of cusps with convex boundary **Manuscripta Math.** **150** (2015), 475–492
Citează: J. Rouyer, C. Vilcu, *Moderate smoothness of most Alexandrov surfaces*, **Internat. J. Math.** **26** (2015), 1540004
22. Z. Abel, R. Connelly, E. D. Demaine, M. L. Demaine, T. C. Hull, A. Lubiw, T. Tachi, Rigid Flattening of Polyhedra with Slits, în vol. K. Miura et al. (eds.), *Origami*⁶, **American Math. Soc.** (2015), 109–118
Citează: J. Itoh, C. Nara, C. Vilcu, *Continuous flattening of convex polyhedra*, în vol. A. Márquez et al. (eds.), *Computational Geometry*, **Springer Lecture Notes in Computer Science** **7579** (2012), 85–97
- ial algebras, **Comm. Algebra** **44** (2016), pag. 3340–3348
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer-Verlag, Berlin (2004)
23. L. Dăuș, C. Năstăsescu, M. Salim, The exchange property in Grothendieck categories. Applications, **Comm. Algebra** **44** (2016), pag. 1433–1442
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)
24. S. Dăscălescu, C. Năstăsescu, L. Năstăsescu, Symmetric algebras in categories of corepresentations and smash products, **J. Algebra** **465** (2016), pag. 62–80
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)
25. S. Dăscălescu, C. Năstăsescu, L. Năstăsescu, Group gradings on polynomial algebras, **Comm. Algebra** **44** (2016), pag. 3340–3348
Citează: C. Năstăsescu, F. Van Oystaeyen, *Dimensions of Ring Theory*, D. Reidel Publishing Company, Dordrecht, Boston, Lancaster, Tokyo (1987)
26. T. Albu, M. Iosif, New results on C_{11} and C_{12} lattices with applications to Grothendieck categories and torsion theories, **Front. Math. China** **11** (2016), pag. 815–828
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)

27. J. P. Chehab, M. Petcu: Parallel matrix function evaluation via initial value ODE modeling. **Comput. Math. Appl.**, 72 (2016), no. 1, 76–91
Citeaza: M. Gander, M. Petcu: Analysis of a Krylov subspace enhanced parareal algorithm for linear problems. Paris-Sud Working Group on Modelling and Scientific Computing 2007–2008, 114–129, ESAIM Proc., 25, EDP Sci., Les Ulis, 2008
28. A. Huang, M. Petcu, R. Temam. The nonlinear 2D supercritical inviscid shallow water equations in a rectangle, **Asymptotic Analysis**, 93 (2015), no.3, 187–218. *Citeaza:* A. Huang, M. Petcu, R. Temam. The one-dimensional supercritical shallow water equations with topography. Ann. Univ. Buchar. Math. Ser. 2(LX) (2011), no. 1, 63–82
29. N.C. Bonciocat, *An irreducibility criterion for the sum of two relatively prime polynomials*, **Funct. Approx. Comment. Math.** 54 (2016) no. 2, pag. 163 – 171
Citează: A.I. Bonciocat, N.C. Bonciocat, A. Zaharescu, *On the number of factors of convolutions of polynomials with integer coefficients*, **Rocky Mountain J. Math.** 38(2) (2008), pag. 417–431.
30. N.C. Bonciocat, *An irreducibility criterion for the sum of two relatively prime polynomials*, **Funct. Approx. Comment. Math.** 54 (2016) no. 2, pag. 163 – 171
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(1) (2014), pag. 73–84.
31. N.C. Bonciocat, *An irreducibility criterion for the sum of two relatively prime polynomials*, **Funct. Approx. Comment. Math.** 54 (2016) no. 2, pag. 163 – 171
Citează: N.C. Bonciocat, *Upper bounds for the number of factors for a class of polynomials with rational coefficients*, **Acta Arith.** 113 (2) (2004), pag. 175–187.
32. N.C. Bonciocat, *An irreducibility criterion for the sum of two relatively prime polynomials*, **Funct. Approx. Comment. Math.** 54 (2016) no. 2, pag. 163 – 171
Citează: N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, *Irreducibility criteria for sums of two relatively prime polynomials*, **Int. J. Number Theory** 9 (6) (2013), pag. 1529–1539.
33. Nicolae Ciprian Bonciocat, Yann Bugeaud, Mihai Cipu, and Maurice Mignotte *Irreducibility criteria for compositions of polynomials with integer coefficients*, **Monatsh. Math.** DOI 10.1007/s 00605-016-0890-4 (2016), pag. 1 – 13
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(1) (2014), pag. 73–84.
34. Nicolae Ciprian Bonciocat, Yann Bugeaud, Mihai Cipu, and Maurice Mignotte *Irreducibility criteria for compositions of polynomials with integer coefficients*, **Monatsh. Math.** DOI 10.1007/s 00605-016-0890-4 (2016), pag. 1 – 13
Citează: N.C. Bonciocat, Y. Bugeaud, M. Cipu, M. Mignotte, *Irreducibility criteria for sums of two relatively prime polynomials*, **Int. J. Number Theory** 9 (6) (2013), pag. 1529–1539.
35. Nicolae Ciprian Bonciocat, Yann Bugeaud, Mihai Cipu, and Maurice Mignotte *Irreducibility criteria for compositions of polynomials with integer coefficients*, **Monatsh. Math.**

- DOI 10.1007/s 00605-016-0890-4 (2016), pag. 1 – 13
Citează: A.I. Bonciocat, N.C. Bonciocat, A. Zaharescu, *On the number of factors of convolutions of polynomials with integer coefficients*, **Rocky Mountain J. Math.** **38(2)** (2008), pag. 417–431.
36. Nicolae Ciprian Bonciocat, Yann Bugeaud, Mihai Cipu, and Maurice Mignotte *Irreducibility criteria for compositions of polynomials with integer coefficients*, **Monatsh. Math.** DOI 10.1007/s 00605-016-0890-4 (2016), pag. 1 – 13
Citează: N.C. Bonciocat, *Upper bounds for the number of factors for a class of polynomials with rational coefficients*, **Acta Arith.** **113 (2)** (2004), pag. 175–187.
37. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu: *Quasi-varieties and initial semantics for hybridized institutions*, **Journal of Logic and Computation** **26(3)** (2016), pag. 855–891.
38. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu: *Borrowing interpolation*, **Journal of Logic and Computation** **22(3)** (2012) pag.561–586.
39. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu: *An encoding of partial algebras as total algebras*, **Information Processing Letters** **109(23-24)** (2009), pag. 1245–1251.
40. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu: *Interpolation for predefined types*, **Mathematical Structures in Computer Science** **22(1)** (2012), pag. 1–24.
41. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu: *Coinduction for preordered algebras*, **Information and Computation** **209(2)**, (2011), pag. 108–117.
42. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu: *Quasi-Boolean encodings and conditionals in algebraic specification*, **Journal of Logic and Algebraic Programming** **79(2)** (2010), pag. 174–188.
43. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: M. Aiguier, R. Diaconescu: *Stratified institutions and elementary homomorphisms*, **Information Processing Letters** **103(1)** (2007) pag. 5–13.
44. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu, P. Stefanias: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.

45. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
46. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
47. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: T. Mossakowski, R. Diaconescu, A. Tarlecki: *What is a Logic Translation?*, **Logica Universalis** **3(1)**, (2009) pag. 59–94.
48. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
Citează: M. Petria, R. Diaconescu: *Abstract Beth definability in institutions*, **Journal of Symbolic Logic** **71(3)**, (2006), pag. 1002–1028.
49. R. Diaconescu, A. Madeira: *Encoding hybridized institutions into first-order logic*, **Mathematical Structures in Computer Science** **26(5)** (2016), pag. 745 – 788
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.
50. L. Beznea, M. Deaconu, and O. Lupașcu, Stochastic equation of fragmentation and branching processes related to avalanches, **J. Stat. Physics** (2016), pag. 824–841.
Citeaza: Beznea, L., Cmpcan, I., *On Bochner-Kolmogorov theorem*, **Seminaire des Probabilites, Springer** (2014), pag. 61–70.
51. Mihailescu, Eugen; Urbański, Mariusz, Random countable iterated function systems and applications, **Advances in Mathematics**, vol. **298** (2016), 726–758.
Citeaza: Mihailescu, Eugen; Stratmann, Bernd, *Upper estimates for stable dimensions on fractal sets with variable numbers of foldings*, **International Mathematics Research Notices** (2014), 6474–6496.
Citeaza: Mihailescu, Eugen; Urbanski, Mariusz, *Measure-theoretic degrees and topological pressure for non-expanding transformations*, **Journal of Functional Analysis**, vol **267** (2014), 2823–2845.
Citeaza: Mihailescu, Eugen; Urbanski, Mariusz, *Hausdorff Dimension of Limit Sets of Countable Conformal Iterated Function Systems with Overlaps*, **Contemporary Mathematics**, vol.**600**, American Math. Soc., 2013, 273–290.
52. Mihailescu, Eugen; Urbanski, Mariusz, Overlap functions for measures in conformal iterated function systems, **Journal of Statistical Physics**, vol **162**, (2016), 43–62.
Citeaza: Mihailescu, Eugen, *On a class of stable conditional measures*, **Ergodic Theory and Dynamical Systems**, vol **31**, 1499–1515 (2011).
Citeaza: Mihailescu, Eugen, *On some coding and mixing properties for a class of chaotic systems*, **Monatshefte für Mathematik**, vol **167**, 241–255 (2012).

- Citeaza:* Mihailescu, Eugen; Stratmann, Bernd, *Upper estimates for stable dimensions on fractal sets with variable numbers of foldings*, **International Mathematics Research Notices** **23**, 6474-6496 (2014).
- Citeaza:* Mihailescu, Eugen; Urbański, Mariusz, *Hausdorff dimension of the limit set of conformal iterated function systems with overlaps*, **Proceedings American Mathematical Society** **139**, 2767-2775 (2011).
- Citeaza:* Mihailescu, Eugen; Urbanski, Mariusz, *Entropy production for a class of inverse SRB measures*, **Journal of Statistical Physics** **150**, 881-888 (2013).
53. M. Aprodu, L. Costa, R. M. Miro-Roig, Rank-two vector bundles on non-minimal ruled surfaces,
arXiv: 1609.03181v2 (2016),
Citeaza: M. Aprodu, V. Brinzanescu, *Stable rank-2 vector bundles over ruled surfaces*, **C. R. Math. Acad. Sci. Paris**, **325** (3) (1997), pag. 295 – 300
54. M. Aprodu, L. Costa, R. M. Miro-Roig, Rank-two vector bundles on non-minimal ruled surfaces,
arXiv: 1609.03181v2 (2016),
Citeaza: M. Aprodu, V. Brinzanescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya Math. J.** **154** (1999), pag. 111 – 122
55. V. Barbu and L. Beznea: *Measure-valued branching processes associated with Neumann nonlinear semiflows*, **J. Math. Anal. Appl.** **441** (2016), 167–182.
Citeaza: L. Beznea, O. Lupascu: *Measure-valued discrete branching Markov processes*. **Trans. Amer. Math. Soc.** **368** (2016), 5153–5176.
56. V. Barbu and L. Beznea: *Measure-valued branching processes associated with Neumann nonlinear semiflows*, **J. Math. Anal. Appl.** **441** (2016), 167–182.
Citeaza: L. Beznea, M. Deaconu, and O. Lupaşcu, *Branching processes for the fragmentation equation*, **Stochastic Processes and their Applications**, **125** (2015), 1861–1885.
57. V. Barbu and L. Beznea: *Measure-valued branching processes associated with Neumann nonlinear semiflows*, **J. Math. Anal. Appl.** **441** (2016), 167–182.
Citeaza: L. Beznea, O. Lupaşcu, A.-G. Oprina, *A unifying construction for measure-valued continuous and discrete branching processes*, in: *Complex Analysis and Potential Theory*, in: **CRM Proceedings and Lecture Notes**, vol. 55, Amer. Math. Soc., Providence, RI, 2012, pp.47–59.
58. Cristian Cobeli, Mihai Prunescu, Alexandru Zaharescu, A growth model based on the arithmetic Z-game, **Chaos, Solitons and Fractals** **91** (2016), pag. 136 – 147
Citeaza: C Cobeli, G Groza, M Vâjâitu, A Zaharescu, *Generalization of a theorem of Steinhaus*, **Colloq. Math** **92** (2002), pag. 257 – 266
59. Ş. Papadima, A. Suciuc, *Naturality properties and comparison results for topological and infinitesimal embedded jump loci*
arxiv.org/pdf/1609.02768.pdf
Citeaza: D. A. Măcinic, Ş. Papadima, C. R. Popescu, A. I. Suciuc, *Flat connections and resonance varieties: from rank one to higher ranks*, **arXiv:1312.1439** (2013),

Se adaugă, pentru anul 2016, 660 de citări ale lucrărilor d-lui C. Sminchișescu și 375 de citări ale d-lui M. Leordeanu.