

Raport de Activitate pe anul 2014

Citări

Institutul de Matematica “Simion Stoilow” al Academiei Române

Contents

1 Citări apărute în 2013 și neconținute în Raportul pe 2013	1
1.1 Autocitari	32
2 Citări apărute în 2014	32
2.1 Autocitari	138

1 Citări apărute în 2013 și neconținute în Raportul pe 2013

1. N. Diamantis și C. O'Sullivan, *Kernels for products of L-functions*, **Algebra Number Theory** **7**, no **8** (2013), pag. 1883–1917,
Citeaza: A. Diaconu și D. Goldfeld, *Second moments of GL_2 automorphic L-functions*, **Analytic number theory**, **Clay Math. Proc.** **7**, **Amer. Math. Soc.**, **2007**, pag. 77–105.
2. Mirzaie, R.; *On Typical Compact Submanifolds of the Euclidean Space*, **Ukrainian Math. J.** **65** (2014), pag. 1126–1133
Citeaza: T. Zamfirescu, *How many sets are porous?*, **Proc. Amer. Math. Soc.** **100** (1987), pag. 383–387.
3. M. Hamouda, C. Y. Jung, R. Temam: *Asymptotic analysis for the 3D primitive equations in a channel*, **Discrete Contin. Dyn. Syst. Ser. S** **6**, no. **2** (2013), 401–422
Citeaza: A. Huang, M. Petcu, R. Temam: *The one-dimensional supercritical shallow water equations with topography*, **Ann. Univ. Buchar. Math. Ser.** **2(LX)**, no. **1** (2011), 63–82
4. G. M. Gie, C.Y. Jung: *Vorticity layers of the 2D Navier-Stokes equations with a slip type boundary condition*, **Asymptot. Anal.** **84**, no. **1-2** (2013), 17–33
Citeaza: C.Y. Yung, M. Petcu, R. Temam: *Singular perturbation analysis on a homogeneous ocean circulation model*, **Anal. Appl. (Singap.)** **9**, no. **3** (2011), 275–313
5. M. Petcu, R. Temam: *The one-dimensional shallow water equations with transparent boundary conditions*, **Math. Methods Appl. Sci.** **36**, no. **15** (2013), 1979–1994
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), 209–222
6. A. Bousquet, M. Petcu, M. C. Shiue, R. Temam, J. Tribbia: *Boundary conditions for limited area models*, **Communications in Computational Physics**, vol. **14** (2013), 664–702
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), 209–222
7. M. C. Shiue: *An initial boundary value problem for one-dimensional shallow water magnetohydrodynamics in the solar tachocline*, **Nonlinear Anal.** **76** (2013), 215–228
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), 209–222
8. C. H. Hsia, M. C. Shiue: *On the asymptotic stability analysis and the existence of time-periodic solutions of the primitive equations*, **Indiana Univ. Math. J.** **62**, no. **2** (2013), 403–441
Citeaza: M. Petcu, R. Temam, M. Ziane: *Some mathematical problems in geophysical*

- fluid dynamics*, **Handb. Numer. Anal.**, **14**, Elsevier/North-Holland, Amsterdam (2009)
9. C. Sun, H. Gao: *Well-posedness for the stochastic 2D primitive equations with Lévy noise*, **Sci. China Math.** **56**, no. **8** (2013), 1629–1645
Citeaza: M. Petcu, R. Temam, M. Ziane: *Some mathematical problems in geophysical fluid dynamics*, **Handb. Numer. Anal.**, **14**, Elsevier/North-Holland, Amsterdam (2009)
 10. M. Coti Zelati, M. Fremond, R. Temam, J. Tribbia: *The equations of the atmosphere with humidity and saturation: uniqueness and physical bounds*, **Phys. D** **264** (2013), 49–65
Citeaza: M. Petcu, R. Temam, M. Ziane: *Some mathematical problems in geophysical fluid dynamics*, **Handb. Numer. Anal.**, **14**, Elsevier/North-Holland, Amsterdam (2009)
 11. M. Gander, Y. L. Jiang, B. Song, H. Zhang: *Analysis of two parareal algorithms for time-periodic problems*, **SIAM J. Sci. Comput.** **35**, no. **5** (2013), A2393–A2415
Citeaza: M. Gander, M. Petcu: *Analysis of a Krylov subspace enhanced parareal algorithm for linear problems*, **ESAIM Proc.**, **25**, **EDP Sci., Les Ulis**, **2008** (2008), pag. 114–129
 12. M. Gander, S. Guttel: *PARAEXP: a parallel integrator for linear initial-value problems*, **SIAM J. Sci. Comput.** **35**, no. **2** (2013), C123–C142
Citeaza: M. Gander, M. Petcu: *Analysis of a Krylov subspace enhanced parareal algorithm for linear problems*, **ESAIM Proc.**, **25**, **EDP Sci., Les Ulis**, **2008** (2008), pag. 114–129
 13. O. Popovnicu: *First and second order approximations for a nonlinear wave equation*, **J. Dynam. Differential Equations** **25**, no. **2** (2013), 305–333
Citeaza: M. Petcu, R. Temam, D. Wirosoetisno: *Renormalization group method applied to the primitive equations*, **J. Differential Equations** **208**, no. **1** (2005), 215–257
 14. C. Sun, H. Gao: *Well-posedness for the stochastic 2D primitive equations with Lévy noise*, **Sci. China Math.** **56**, no. **8** (2013), 1629–1645
Citeaza: M. Petcu: *Gevrey class regularity for the primitive equations in space dimension 2*, **Asymptot. Anal.** **39**, no. **1** (2004), 1–13
 15. C. Sun, H. Gao: *Well-posedness for the stochastic 2D primitive equations with Lévy noise*, **Sci. China Math.** **56**, no. **8** (2013), 1629–1645
Citeaza: M. Petcu, R. Temam, D. Wirosoetisno: *Existence and regularity results for the primitive equations in two space dimensions*, **Commun. Pure Appl. Anal.** **3**, no. **1** (2004), 115–131
 16. K. Li, F. Li: *Pullback attractor for nonautonomous primitive equations of large-scale ocean and atmosphere dynamics*, **Abstr. Appl. Anal.** (2013), Art. ID 691615
Citeaza: M. Petcu, R. Temam, D. Wirosoetisno: *Existence and regularity results for the primitive equations in two space dimensions*, **Commun. Pure Appl. Anal.** **3**, no. **1** (2004), 115–131

17. B. You, S. Ma: *Global attractors for the three-dimensional viscous primitive equations of large-scale atmosphere in log-pressure coordinate*, **Abstr. Appl. Anal.** (2013), Art. ID 758730
Citeaza: M. Petcu, R. Temam, D. Wirosoetisno: *Existence and regularity results for the primitive equations in two space dimensions*, **Commun. Pure Appl. Anal.** **3**, no. 1 (2004), 115–131
18. A. Meson and F. Vericat, *On the perturbation of partially hyperbolic endomorphisms*, **J. Interdisciplinary Mathematics** (2013), pag. 343–364
Citeaza: E. Mihailescu, *Physical measures for multivalued inverse iterates near hyperbolic repellers*, **J. Statistical Physics**, vol. **139** (2010), pag. 800 – 819.
19. H. Wang and Wang. L, *The weak specification property and distributional chaos*, **Non-linear Analysis–Theory, Methods, Applications**, vol.**91**, 46-50, 2013,
Citeaza: E. Mihailescu, *Equilibrium measures, prehistories distribution and fractal dimension for endomorphisms*, **Discrete and Continuous Dynamical Systems**, vol. **32**, 2485-2502, 2012.
20. H. Wang and Wang. L, *The weak specification property and distributional chaos*, **Non-linear Analysis–Theory, Methods, Applications**, vol.**91**, 46-50, 2013,
Citeaza: E. Mihailescu, *Inverse limits and statistical properties for chaotic implicitly defined economic models*, **J. Mathematical Analysis and Applications**, vol. **394**, 517-528, 2012.
21. Baik, Jinho; Jenkins, Robert, *Limiting distribution of maximal crossing and nesting of Poissonized random matchings*, **Ann. Probab.** **41** (2013), no. 6, 4359–4406
Citeaza: I. Nenciu, *Lax pairs for the Ablowitz-Ladik system via orthogonal polynomials on the unit circle*, **Int. Math. Rec. Not.** **11** (2005), pag. 647–686.
22. Haine, Luc; Vanderstichelen, Didier, *A centerless Virasoro algebra of master symmetries for the Ablowitz-Ladik hierarchy*. **SIGMA Symmetry Integrability Geom. Methods Appl.** **9** (2013), Paper 079, 42 pp
Citeaza: I. Nenciu, *Lax pairs for the Ablowitz-Ladik system via orthogonal polynomials on the unit circle*, **Int. Math. Rec. Not.** **11** (2005), pag. 647–686.
23. Isar Goyvaerts, Joost Vercauteren, *Lie monads and dualities*, **arxiv**, **1302.6869**; **Indexed Feb 27** (2013), 27 pagini
Citeaza: Florin F. Nichita, *Self-Inverse Yang-Baxter Operators from (Co)Algebra Structures*, **Journal of Algebra** **218** (1999), 738-759.
24. M. Brunella, *A characterization of Inoue surfaces*, **Comment. Math. Helv.** **88** (2013), pag. 859 – 874
Citeaza: I. Chiose, *On compact complex surfaces of Kähler rank one*, **Amer. J. Math.** **135** (2013), pag. 851 – 860
25. A.T. Felix, M.R. Murty, *On the asymptotics for invariants of elliptic curves modulo p* , **J. Ramanujan Math. Soc.** **28** (2013), no. 3, 271–298.
Citează: A.C. Cojocaru, *Cyclicity of CM elliptic curves modulo p* , **Trans. Amer. Math. Soc.** **355** (2003), no. 7, 2651–2662

26. A.T. Felix, M.R. Murty, *On the asymptotics for invariants of elliptic curves modulo p* , J. Ramanujan Math. Soc. 28 (2013), no. 3, 271–298
Citează: A.C. Cojocaru, *On the cyclicity of the group of F_p -rational points of non-CM elliptic curves*, J. Number Theory 96 (2002), no. 2, 335–350.
27. F. Luca, R. Oyono, A. Yalciner, *L-functions of elliptic curves and binary recurrences*, Bull. Aust. Math. Soc. 88 (2013), no. 3, 509–519.
Citează: A.C. Cojocaru, *Questions about the reductions modulo primes of an elliptic curve*, Number theory, 61–79, CRM Proc. Lecture Notes, 36, Amer. Math. Soc., Providence, RI, 2004
28. A.T. Felix, M.R. Murty, *On the asymptotics for invariants of elliptic curves modulo p* , J. Ramanujan Math. Soc. 28 (2013), no. 3, 271–298.
Citează: A.C. Cojocaru, *Questions about the reductions modulo primes of an elliptic curve*, Number theory, 61–79, CRM Proc. Lecture Notes, 36, Amer. Math. Soc., Providence, RI, 2004
29. M.R. Murty, H. Pasten, *Modular forms and effective Diophantine approximation*, J. Number Theory 133 (2013), no. 11, 3739–3754.
Citează: A.C. Cojocaru, E. Kani, *The modular degree and the congruence number of a weight 2 cusp form*, Acta Arith. 114 (2004), no. 2, 159–167.
30. A.T. Felix, M.R. Murty, *On the asymptotics for invariants of elliptic curves modulo p* , J. Ramanujan Math. Soc. 28 (2013), no. 3, 271–298.
Citează: A.C. Cojocaru, M.R. Murty, *Cyclicity of elliptic curves modulo p and elliptic curve analogues of Linnik’s problem*, Math. Ann. 330 (2004), no. 3, 601–625.
31. A. Lozano-Robledo, *On the field of definition of p -torsion points on elliptic curves over the rationals*, Math. Ann. 357 (2013), no. 1, 279–305.
Citează: A.C. Cojocaru, *On the surjectivity of the Galois representations associated to non-CM elliptic curves*, with an appendix by Ernst Kani, Canad. Math. Bull. 48 (2005), no. 1, 16–31.
32. I.E. Shparlinski, *On the Lang-Trotter and Sato-Tate conjectures on average for polynomial families of elliptic curves*, Michigan Math. J. 62 (2013), no. 3, 491–505.
Citează: A.C. Cojocaru, C. Hall, *Uniform results for Serre’s theorem for elliptic curves*, Int. Math. Res. Not. 2005, no. 50, 3065–3080.
33. I.E. Shparlinski, *On the Sato-Tate conjecture on average for some families of elliptic curves*, Forum Math. 25 (2013), no. 3, 647–664.
Citează: A.C. Cojocaru, C. Hall, *Uniform results for Serre’s theorem for elliptic curves*, Int. Math. Res. Not. 2005, no. 50, 3065–3080.
34. P. N. Chung, S. Li, *On the residue classes of $\pi(n)$ modulo t* , Integers 13, 2013, Paper No. A79, 10 pp.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.

35. J. Bayless, Jonathan, D. Klyve, *Reciprocal sums as a knowledge metric: theory, computation, and perfect numbers*, Amer. Math. Monthly 120, 2013, no. 9, 822–831.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
36. F. Pappalardi, Francesco, A. Susa, *An analogue of Artin’s conjecture for multiplicative subgroups of the rationals*, Arch. Math. (Basel) 101, 2013, no. 4, 319–330.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
37. A.F. Felix, Adam Tyler, M.R. Murty, *On the asymptotics for invariants of elliptic curves modulo p* , J. Ramanujan Math. Soc. 28, 2013, no. 3, 271–298.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
38. H. Graves, M.R. Murty, *A family of number fields with unit rank at least 4 that has Euclidean ideals*, Proc. Amer. Math. Soc. 141, 2013, no. 9, 2979–2990.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
39. A.T. Felix, *Higher rank generalizations of Fomenko’s conjecture*, J. Number Theory 133, 2013, no. 5, 1738–1751.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
40. M.R. Murty, K.L. Petersen, *The Euclidean algorithm for number fields and primitive roots*, Proc. Amer. Math. Soc. 141, 2013, no. 1, 181–190.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
41. I. Chen, Y. Lee, *Explicit isogeny theorems for Drinfeld modules*, Pacific J. Math. 263, 2013, no. 1, 87–116.
Citează: A.C. Cojocaru, C. David, *Frobenius fields for Drinfeld modules of rank 2*, Compos. Math. 144, 2008, no. 4, 827–848.
42. I.E. Shparlinski, *On the Lang-Trotter and Sato-Tate conjectures on average for polynomial families of elliptic curves*, Michigan Math. J. 62, 2013, no. 3, 491–505.
Citează: A.C. Cojocaru, I.E. Shparlinski, *Distribution on Farey fractions in residue classes and Lang-Trotter conjectures on average*, Proc. Amer. Math. Soc. 136, 2008, no. 6, 1977–1986.
43. I.E. Shparlinski, *On the Sato-Tate conjecture on average for some families of elliptic curves*, Forum Math. 25, 2013, no. 3, 647–664.
Citează: A.C. Cojocaru, I.E. Shparlinski, *Distribution on Farey fractions in residue classes*

- and Lang-Trotter conjectures on average, Proc. Amer. Math. Soc. 136, 2008, no. 6, 1977–1986.
44. I.E. Shparlinski, *On the Lang-Trotter and Sato-Tate conjectures on average for polynomial families of elliptic curves*, Michigan Math. J. 62, 2013, no. 3, 491–505.
Citează: A. Balog, A.C. Cojocaru, C. David, *Average twin prime conjecture for elliptic curves*, Amer. J. Math. 133, 2011, no. 5, 1179–1229.
 45. N. Jones, *Elliptic aliquot cycles of fixed length*, Pacific J. Math. 263, 2013, no. 2, 353–371.
Citează: A. Balog, A.C. Cojocaru, C. David, *Average twin prime conjecture for elliptic curves*, Amer. J. Math. 133, 2011, no. 5, 1179–1229.
 46. I.E. Shparlinski, *On the Sato-Tate conjecture on average for some families of elliptic curves*, Forum. Math. 25, 2013, no. 3, 647–664.
Citează: A. Balog, A.C. Cojocaru, C. David, *Average twin prime conjecture for elliptic curves*, Amer. J. Math. 133, 2011, no. 5, 1179–1229.
 47. C. David & E. Smith, *Elliptic curves with a given number of points over finite fields*, Compos. Math. 149, 2013, no. 2, 175–203.
Citează: A. Balog, A.C. Cojocaru, C. David, *Average twin prime conjecture for elliptic curves*, Amer. J. Math. 133, 2011, no. 5, 1179–1229.
 48. K. Halupczok, *Goldbach’s problem with primes in arithmetic progressions and in short intervals*, J. Théor. Nombres Bordeaux 25, 2013, no. 2, 331–351.
Citează: A. Balog, A.C. Cojocaru, C. David, *Average twin prime conjecture for elliptic curves*, Amer. J. Math. 133, 2011, no. 5, 1179–1229.
 49. V Capraro; F Rădulescu; Hilbert spaces and Connes’ embedding problem, **Complex Anal. Oper. Theory** 7(2013), no. 4, pag. 863-872
Citeaza: V Capraro; L Paunescu; *Product between ultralters and applications to the Connes’ Embedding Problem*, **Journal of Operator Theory**, Volume 68, Issue 1, Summer 2012 pages 165-172.
 50. Hwankoo Kim, *Module-theoretic characterizations of Krull domains*, **Bull. Korean Math. Soc** 49 (2012), pp. 601 - 608.
Citeaza: T. Albu, C. Năstăsescu, *Modules sur les anneaux de Krull*, **Rev. Roumanie Math. Pures Appl.** 21 (1976), pp. 133 - 142.
 51. A, Haghany, M. Mazrooei, M.R. Vedadi, *On the Krull dimension of endo-bounded modules*, **Turkish J. Math.** 37, (2013), pp. 925 – 933.
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.
 52. D. Zhou, D.Li, L. Guo, *Annihilator conditions relative to a class of modules*, **Thai Journal of Mathematics** (2012).
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.

53. T. Rossmann, *Algorithms for Nilpotent Linear Groups*, Ph. D. Thesis, School of Mathematics, Statistics and Applied Mathematics, National University of Ireland, Galway, (2011), 132 pagini.
Citeaza: T. Albu, *From Field Theoretic to Abstract Cogalois Theory*, chapter in “**Handbook of Algebra**”, Vol. 5, Edited by M. Hazewinkel, Elsevier Science B.V. (2008), pp. 3 – 84.
54. S. Viguie, *Contribution of the study of Gras conjecture and Iwasawa’s main conjecture, by Euler systems*, Ph.D. Thesis, **General Mathematics, Université de Franche-Comté**, (2013). 134 pagini.
Citeaza: T. Albu, “*Cogalois Theory*”, **A Series of Monographs and Textbooks, Vol. 252**, Marcel Dekker, Inc., New York and Basel (2003), 368 pagini.
55. Ji Feng, *A matrix approach to lower K-theory and algebraic number theory*, Ph. D. Thesis **National University of Singapore**, (2013), 115 pagini.
Citeaza: T. Albu, *Kummer extensions with few roots of unity*, **J. Number Theory** 41 (1992), pp. 322 - 358.
56. M Heflin, *Artinian and Noetherian Rings*, **University of Puget Sound**, Math 434 (2012), 11 pagini.
Citeaza: T. Albu *A seventy year jubilee: The Hopkins-Levitzki Theorem*, in “**Ring and Module Theory**”, **Trends in Mathematics**, edited by T. Albu, G. F. Birkenmeier, A. Erdoğan, and A. Tercan, **Birkhäuser**, Basel,(2010), pp. 1 – 26.
57. H. Simmons, *An introduction to idioms*, Preprint, **The University of Manchester** (2012), 31 pagini.
Citeaza: T. Albu, *Certain Artinian lattices are Noetherian. Applications to the relative Hopkins-Levitzki Theorem.*, in “**Methods in Ring Theory**”, edited by F. Van Oystaeyen, D. Reidel Publishing Company (1984), pp. 37 – 52.
58. H. Simmons, *An introduction to idioms*, Preprint, **The University of Manchester** (2012), 31 pagini.
Citeaza: T. Albu, *F-Semicritical modules, F-primitive ideals and prime ideals*, **Rev. Roumaine Math. Pures Appl.** 31 (1986), pp. 449 – 459.
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), pp. 87 – 101.
59. H. Simmons, *An introduction to idioms*, Preprint, **The University of Manchester** (2012), 31 pagini.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins-Levitzki Theorem (II)*, **Comm. Algebra** 25 (1997), pp. 1111 – 1128.
60. H. Simmons, *Cantor-Bendixson, socle, and atomicity*, Preprint, **The University of Manchester** (2012), 57 pagini.
Citeaza: T. Albu, *Certain Artinian lattices are Noetherian. Applications to the relative Hopkins-Levitzki Theorem.*, in “**Methods in Ring Theory**”, edited by F. Van Oystaeyen, D. Reidel Publishing Company (1984), pp. 37 – 52.

61. H. Simmons, *Cantor-Bendixson, socle, and atomicity*, Preprint, **The University of Manchester** (2012), 57 pagini.
Citeaza: T. Albu, *F-Semicritical modules, F-primitive ideals and prime ideals*, **Rev. Roumaine Math. Pures Appl.** **31** (1986), pp. 449 – 459.
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), pp. 87 – 101.
62. H. Simmons, *Cantor-Bendixson, socle, and atomicity*, Preprint, **The University of Manchester** (2012), 57 pagini.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins–Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), pp. 1111 – 1128.
63. H. Simmons, *Various dimensions for modules and idioms*, Preprint, **The University of Manchester** (2012), 46 pagini.
Citeaza: T. Albu, *Certain Artinian lattices are Noetherian. Applications to the relative Hopkins–Levitzki Theorem.*, in “**Methods in Ring Theory**”, edited by F. Van Oystaeyen, D. Reidel Publishing Company (1984), pp. 37 – 52.
64. H. Simmons, *Various dimensions for modules and idioms*, Preprint, **The University of Manchester** (2012), 46 pagini.
Citeaza: T. Albu, *F-Semicritical modules, F-primitive ideals and prime ideals*, **Rev. Roumaine Math. Pures Appl.** **31** (1986), pp. 449 – 459.
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), pp. 87 – 101.
65. H. Simmons, *Various dimensions for modules and idioms*, Preprint, **The University of Manchester** (2012), 46 pagini.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins–Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), pp. 1111 – 1128.
66. H. Simmons, *The Gabriel and the Boyle derivatives for a modular idiom*, Preprint, **The University of Manchester** (2013), 60 pagini.
Citeaza: T. Albu, *Certain Artinian lattices are Noetherian. Applications to the relative Hopkins–Levitzki Theorem.*, in “**Methods in Ring Theory**”, edited by F. Van Oystaeyen, D. Reidel Publishing Company (1984), pp. 37 – 52.
67. H. Simmons, *The Gabriel and the Boyle derivatives for a modular idiom*, Preprint, **The University of Manchester** (2013), 60 pagini.
Citeaza: T. Albu, *F-Semicritical modules, F-primitive ideals and prime ideals*, **Rev. Roumaine Math. Pures Appl.** **31** (1986), pp. 449 – 459.
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), pp. 87 – 101.
68. H. Simmons, *The Gabriel and the Boyle derivatives for a modular idiom*, Preprint, **The University of Manchester** (2013), 60 pagini.

- Citeaza*: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins–Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), pp. 1111 – 1128.
69. A lattice theoretic analysis of the Krull and the Gabriel dimensions Preprint, **The University of Manchester** (2013), 30 pagini.
Citeaza: T. Albu, *Certain Artinian lattices are Noetherian. Applications to the relative Hopkins–Levitzki Theorem*, in “**Methods in Ring Theory**”, edited by F. Van Oystaeyen, D. Reidel Publishing Company (1984), pp. 37 – 52.
70. A lattice theoretic analysis of the Krull and the Gabriel dimensions Preprint, **The University of Manchester** (2013), 30 pagini.
Citeaza: T. Albu, *F–Semicritical modules, F–primitive ideals and prime ideals*, **Rev. Roumaine Math. Pures Appl.** **31** (1986), pp. 449 – 459.
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), pp. 87 – 101.
71. A lattice theoretic analysis of the Krull and the Gabriel dimensions Preprint, **The University of Manchester** (2013), 30 pagini.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins–Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), pp. 1111 – 1128.
72. H. Simmons, *The relative basic derivatives for an idiom*, Preprint, **The University of Manchester** (2013), 54 pagini.
Citeaza: T. Albu, *Certain Artinian lattices are Noetherian. Applications to the relative Hopkins–Levitzki Theorem*, in “**Methods in Ring Theory**”, edited by F. Van Oystaeyen, D. Reidel Publishing Company (1984), pp. 37 – 52.
73. H. Simmons, *The relative basic derivatives for an idiom*, Preprint, **The University of Manchester** (2013), 54 pagini.
Citeaza: T. Albu, *F–Semicritical modules, F–primitive ideals and prime ideals*, **Rev. Roumaine Math. Pures Appl.** **31** (1986), pp. 449 – 459.
74. H. Simmons, *The relative basic derivatives for an idiom*, Preprint, **The University of Manchester** (2013), 54 pagini.
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), pp. 87 – 101.
75. H. Simmons, *The relative basic derivatives for an idiom*, Preprint, **The University of Manchester** (2013), 54 pagini.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins–Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), pp. 1111 – 1128.
76. Ishii, Shihoko; Reguera, Ana J., Singularities with the highest Mather minimal log discrepancy, **Mathematische Zeitsch.** **275 (3-4)** (2013), 1255 – 1274
Citeaza: Ambro F., *Inversion of adjunction for non-degenerate hypersurfaces*, **Manuscripta Math.** **111(1)** (2003), pag. 43 – 49

77. Ishii, Shihoko; Reguera, Ana J., Singularities with the highest Mather minimal log discrepancy, **Mathematische Zeitsch.** **275 (3-4)** (2013), 1255 – 1274
Citeaza: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett.** **Vol 6 (5-6)** (1999), pag. 573 – 580
78. Jinfeng Jiang, Yan Xu, Local Discontinuous Galerkin Method for the Impact-Induced Wave in a Slender Cylinder Composed of a Non-Convex Elastic Material, **Communications in Mathematics and Statistics** **1**, (2013) pag. 393 – 415.
Citeaza: C. Făciu, M. Mihăilescu-Suliciu, *On modelling phase propagation in SMAs by a Maxwellian thermo-viscoelastic approach*, **International Journal of Solids Structures** (2002), pag. 3811 – 3830.
79. L. Badea, M. Cocou, Internal and subspace correction approximation of implicit variational inequalities, **Mathematics and Mechanics of Solides** (2013), DOI: 10.1177/1081286513514075.
Citeaza: A. Capatina, M. Cocou, M. Raous, *A class of implicit variational inequalities and applications to frictional contact*, **Mathematical Methods in Applied Science** **14** (2009), pag. 1804 - 1827
80. Y Zhang, C Wang, Robust stochastic stability of uncertain discrete-time impulsive Markovian jump delay systems with multiplicative noises **International Journal of systems Science**, DOI: **10.1080/00207721.2013.859329** (2013)
Citeaza: Vasile Dragan, Toader Morozan, *Stability and robust stabilization to linear stochastic systems described by differential equations with markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** **20**, (2002), pag. 33 – 92.
81. S. Kong, M.Saif, H. Zhang, Optimal Filtering for -Stochastic Continuous-Time Systems With Multiple Delayed Measurements, **IEEE Transactions on Automatic Control**, **58,7**, (2013), pag. 1872 – 1877
Citeaza: Vasile Dragan, Toader Morozan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer New York** (2006).
82. S.Aberkane, Bounded real lemma for nonhomogeneous Markovian jump linear systems, **IEEE Transaction on Automatic Control**, **58,3**,(2013), pag. 797–801.
Citeaza: Vasile Dragan, Toader Morozan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer New York** (2006).
83. W. Chen, L. Qiu, A channel/controller co-design approach for infinite-horizon LQR problem with random input gains, **IEEE International Conference on Information and Automation (ICIA)**, **2013**, pag. 844–849
Citeaza: Vasile Dragan, Toader Morozan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer New York** (2006).
84. H. Mukaidani, M. Unno, T. Yamamoto, X. Hua, Nash strategy for Markov jump stochastic delay systems, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 1198–1203
Citeaza: Vasile Dragan, Toader Morozan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer New York** (2006).

85. M. Tabarraie, Robust L_∞ -induced deconvolution filtering for linear stochastic systems and its application to fault reconstruction, **Signal Processing**, **93**, **5**, (2013), pag.1379–1391
Citeaza: Vasile Dragan, Toader Morozan, Adrian-Mihail Stoica, Mathematical methods in robust control of linear stochastic systems, Springer New York (2006).
86. J. Huang, P. Wang, Z. Han, X. Cai, Observer design for the Lur'e differential inclusion system with Markovian jumping parameters, **International Journal of Systems Science**, **44**, **12**, (2013), pag. 2338–2348
*Citeaza: V. Dragan, T. Morozan, The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping, IEEE Transactions on Automatic Control, **49**, (2004), pag. 665 – 675.*
87. H. Mukaidani, M. Unno, T. Yamamoto, Nash strategy for Markov jump stochastic delay systems, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 1198–1203
*Citeaza: V. Dragan, T. Morozan, The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping, IEEE Transactions on Automatic Control, **49**, (2004), pag. 665 – 675.*
88. G. Nakura, Fixed-interval optimal estimation for linear continuous-time Markovian jump systems, **Proceedings of SICE Annual Conference (SICE)**, (2013), pag. 607–612
*Citeaza: V. Dragan, T. Morozan, The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping, IEEE Transactions on Automatic Control, **49**, (2004), pag. 665 – 675.*
89. S. Aberkane, Bounded real lemma for nonhomogeneous Markovian jump linear systems, **IEEE Transaction on Automatic Control**, **58**, **3**, (2013), pag. 797–801.
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
90. M.G. Todorov, M.D. Fragoso, LMI methods to the robust control of discrete-time Markov jump linear systems, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 4674–4679
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
91. W. Zhang, W.X. Zheng, On uniform detectability of discrete-time stochastic systems subject to multiplicative noise, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 1235–1240
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
92. T. Hou, W. Zhang, H. Ma, Robust H_2/H_∞ control for discrete-time systems with Markovian jumps and multiplicative noise: Infinite horizon case, **10th IEEE International Conference on Control and Automation (ICCA)**, (2013), pag. 1042–1047
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).

93. J.R. Chavez-Fuentes, E.F. Costa, Stability analysis of an iid descriptor jump linear system: A spectral analysis approach, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 3344–3348
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
94. Y. Li, W. Zhang, X. Liu, Stability of Nonlinear Stochastic Discrete-Time Systems, **Journal of Applied Mathematics**, **2013**, (2013), Article ID 356746, <http://dx.doi.org/10.1155/2013/356746>
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
95. Y. Li, M. Zhong, Optimal fault detection for a class of discrete-time switched linear systems, **Journal of Systems Engineering and Electronics**, **24**, **3**, (2013), pag. 512–518
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
96. Y. Liu, B. Xu, Z. Zhao, Q. Zhi-gang, Robust stability analysis of sampled-data control systems with input delay **32nd Chinese Control Conference (CCC)**, (2013), pag. 2643–2648
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
97. A.M. Stoica, I.Yaesh, A small gain type result with respect to the induced L-infinity norm, **Mathematics in Science, Engineering and Aerospace**, **4**, **3**, (2013), pag. 207-213
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
98. N.H. Du, V.H. Linh, V. Mehrmann, Robust stability of differential-algebraic equations, **Surveys in Differential-Algebraic Equations I, Springer-Verlag Berlin Heidelberg**, (2013), DOI:10.1007/978-3-642-34928-7-2
Citeaza: V. Dragan, A. Halanay, Stabilization of Linear Systems, Birkhauser Boston (1999), ISBN: 978-1-4612-7197-0.
99. J. Feng, P. Cui, Z. Hou, Singular linear quadratic optimal control for singular stochastic discrete-time systems, **Optimal Control Applications and Methods**, **34**, **5**, (2013), pag. 505–516,
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, H^2 Optimal control for linear stochastic systems, Automatica 40 (2004), pag. 1103 – 1113.
100. H. Mukaidani, Design of H_2 Static Output Feedback Control for Weakly Coupled Multi-channel Stochastic Systems, **Transactions of the Society of Instrument and Control Engineers**, **49**, **2**, (2013), pag. 292–301
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, H^2 Optimal control for linear stochastic systems, Automatica 40 (2004), pag. 1103 – 1113.
101. Y. Li, W. Zhang, X. Liu, Stability of Nonlinear Stochastic Discrete-Time Systems, **Journal of Applied Mathematics**, **2013**, (2013), Article ID 356746, <http://dx.doi.org/10.1155/2013/356746>
Citeaza: V. Dragan, T. Morozan, Mean Square Exponential Stability for some Stochastic

- Linear Discrete Time Systems*, **European Journal of Control** **12** (2006), pag. 373 – 395.
102. S. Wan, L. Qiu, A mixed deterministic and stochastic small gain theorem and its application to networked stabilization, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 6385–6390
Citeaza: Vasile Dragan, Aristide Halanay, Adrian Stoica, A small gain theorem for linear stochastic systems, **Systems and Control Letters** **30** (1997), pag. 243 – 251.
103. S. Sathananthan, M.J. Knap, L.H. Keel, OPTIMAL GUARANTEED COST CONTROL OF STOCHASTIC DISCRETE-TIME SYSTEMS UNDER MARKOVIAN REGIME SWITCHING, **Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis**, **20** (2013) pag. 253–271
Citeaza: Vasile Dragan and Toader Morozan, Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems, **Stochastic Analysis and Applications** **26** (2008), pag. 495 – 525.
104. A.N. Vargas, W. Furloni, J.B.R. Val, Second moment constraints and the control problem of Markov jump linear systems, **Numerical Linear Algebra with Applications, Special Issue: Inverse Problems Dedicated to Biswa Datta, Volume 20, Issue 2**, (2013), pag. 357–368
Citeaza: Vasile Dragan and Toader Morozan, Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems, **Stochastic Analysis and Applications** **26** (2008), pag. 495 – 525.
105. A.N. Vargas, E. F. Costa, J. B.R. do Val, On the control of Markov jump linear systems with no mode observation: application to a DC Motor device, **International Journal of Robust and Nonlinear Control, Special Issue: Performance of Nonlinear Control Systems, Volume 23, Issue 10**, (2013), pag. 1136–1150
Citeaza: Vasile Dragan and Toader Morozan, Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems, **Stochastic Analysis and Applications** **26** (2008), pag. 495 – 525.
106. Ivan Ivanov, Nikolay Netov , A new iteration to coupled discrete-time generalized Riccati equations, **Computational and Applied Mathematics** **32** (2013), pag. 563 – 576.
Citeaza: Vasile Dragan and Toader Morozan, A class of discrete time generalized Riccati equations, **Journal of Difference Equations and Applications** **16** (2010), pag. 291 – 320.
107. O.L.V. Costa, G. Benites, Robust mode-independent filtering for discrete-time Markov jump linear systems with multiplicative noises, **International Journal of Control**, **86**, **5**, (2013), pag. 779 – 792
Citeaza: A.M. Stoica, V.Dragan, I. Yaesh, Kalman-type filtering for stochastic systems with state-dependent noise and Markovian jumps, **System Identification**, **15**, part **1**, (2009), pag. 1375 –1380.

108. R. Zhang, W. Zhang, X. Lin, The Control for Bilinear Systems with Poisson Jumps, **Mathematical Problems in Engineering**, **2014**, (2014), Article ID 635758, <http://dx.doi.org/10.1155/2014/635758>,
Citeaza: V. Dragan, A. Halanay, A.M. Stoica, The γ -attenuation problem for systems with state dependent noise, **Stochastic Analysis and Applications**, **17**, **3**, (1999), pag. 395–404.
109. H. Ma, Y. Jia, H_2 control of discrete-time periodic systems with Markovian jumps and multiplicative noise, **International Journal of Control**, **86**, Issue **10**, (2013), pag. 1837 – 1849
Citeaza: V. Dragan, T. Morozan, Stochastic H_2 Optimal Control for a Class of Linear Systems with Periodic Coefficients, **European Journal of Control**, **11**, **6**, (2005), pag. 619–631.
110. M. Gil, Integrally Small Perturbations of Semigroups and Stability of Partial Differential Equations **International Journal of Partial Differential Equations**, (2013), Article ID 207581, <http://dx.doi.org/10.1155/2013/207581>
Citeaza: V. Dragan, T. Morozan, Criteria for exponential stability of linear differential equations with positive evolution on ordered Banach spaces **IMA J Math Control Info**, **27**, **3**, (2010), pag. 267–307.
111. V. Mehrmann, F. Poloni, Using permuted graph bases in H_∞ control, **Automatica**, **49**, **6**, (2013), pag. 1790–1797
Citeaza: V. Dragan, A. Halanay, A. Stoica, Well-conditioned computation for H_2 controller near the optimum, **Numerical Algorithms**, **15**, **2**, (1997), pag. 193–206.
112. H. Ma, Y. Jia, H_2 control of discrete-time periodic systems with Markovian jumps and multiplicative noise, **International Journal of Control**, **86**, Issue **10**, (2013), pag. 1837 – 1849
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Iterative algorithm to compute the maximal and stabilising solutions of a general class of discrete-time Riccati-type equations, **International Journal of Control**, **83**, **4**, (2010), pag. 837–847.
113. Y.Y. Li, M.Y. Zhong, On Optimal Fault Detection for Discrete-time Markovian Jump Linear Systems, **Acta Automatica Sinica**, **39**, **6**, (2013), pag. 926–932
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Iterative algorithm to compute the maximal and stabilising solutions of a general class of discrete-time Riccati-type equations, **International Journal of Control**, **83**, **4**, (2010), pag. 837–847.
114. Y. Li, M. Zhong, Optimal fault detection for a class of discrete-time switched linear systems, **Journal of Systems Engineering and Electronics**, **24**, **3**, (2013), pag. 512–518
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Iterative algorithm to compute the maximal and stabilising solutions of a general class of discrete-time Riccati-type equations, **International Journal of Control**, **83**, **4**, (2010), pag. 837–847.
115. I. Ivanov, N. Netov, A new iteration to coupled discrete-time generalized Riccati equations, **Computational and Applied Mathematics** **32** (2013), pag. 563 – 576.
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Iterative algorithm to compute the maximal and stabilising solutions of a general class of discrete-time Riccati-type equations, **International Journal of Control**, **83**, **4**, (2010), pag. 837–847.

116. H.N. Wu, B. Luo, Simultaneous policy update algorithms for learning the solution of linear continuous-time state feedback control, **Information Sciences**, **222**, (2013), pag. 472–485
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**, **84**, **4**, (2011), pag.783 – 800.
117. H. Mukaidani, M. Unno, T. Yamamoto, H. Xu, Stackelberg strategies for singularly perturbed stochastic systems, **European Control Conference (ECC)**, (2013), pag. 730 – 735
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**,**50**,**1** (2012), pag. 448 – 470.
118. H. Mukaidani, M. Unno, T. Yamamoto, H.Xu, Nash strategy for Markov jump stochastic delay systems, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 1198–1203
Citeaza: H. Mukaidani, M. Unno, H. Xu, V. Dragan, *Nash Strategies of Markov Jump Stochastic Systems Applied to Weakly-Coupled Large-Scale Systems*, **Preprints of the 18th IFAC World Congress Milano (Italy) August 28 - September 2**, (2011), pag. 5884 –5889.
119. H.N. Wu, B. Luo, Simultaneous policy update algorithms for learning the solution of linear continuous-time state feedback control, **Information Sciences**, **222**, (2013), pag. 472–485
Citeaza: V. Dragan, I.G. Ivanov, *Computation of the stabilizing solution of game theoretic Riccati equation arising in stochastic H_∞ control problems*, **Numerical Algorithms**, **57**, **3**, (2011), pag. 357–375.
120. T. Hou, W. Zhang, H. Ma, A game-based control design for discrete-time Markov jump systems with multiplicative noise, **Control Theory and Applications**, **7**, **5**, (2013), pag. 773–783
Citeaza: V Dragan, T Morozan, *H_2 optimal control for a wide class of discrete-time linear stochastic systems*, **International Journal of Systems Science**, **40**, **10**, (2009), pag. 1029–1049.
121. Y. Wang, P. Zhou, Q. Wang, Sliding mode control of singularly perturbed Markovian jump delayed systems with nonlinearity, **International Journal of Adaptive Control and Signal Processing**, **27**, **8**, (2013), pag. 718–728
Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_∞ approach*, **Automatica**, **35**, **8**, (1999), pag. 1369–1378.
122. O.L.V. Costa, M.D. Fragoso, M.G. Todorov, H_∞ Control, **Continuous-Time Markov Jump Linear Systems Probability and Its Applications**, Print ISBN **978-3-642-34099-4**, (2013), pag. 151–181
Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_∞ approach*, **Automatica**, **35**, **8**, (1999), pag. 1369–1378.

123. Y. Yin, P. Shi, F. Liu, K.L. Teo, Observer-based H_∞ control on nonhomogeneous discrete-time Markov jump systems, **Journal of Dynamic Systems, Measurement, and Control**, **135**,4, (2013), doi: 10.1115/1.4023997
Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_∞ approach*, **Automatica**, **35**, 8, (1999), pag. 1369–1378.
124. H. Mukaidani, M. Unno, T. Yamamoto, H.Xu, Nash strategy for Markov jump stochastic delay systems, **IEEE 52nd Annual Conference on Decision and Control (CDC)**, (2013), pag. 1198–1203
Citeaza: H. Mukaidani, T. Yamamoto, V. Dragan, *Nash strategy of multiparameter singularly perturbed Markov jump stochastic systems with state-and control-dependent noise*, **American Control Conference (ACC)**, (2012), pag. 1621 –1626.
125. H. Mukaidani, M. Unno, T. Yamamoto, Stackelberg strategies for singularly perturbed stochastic systems, **European Control Conference (ECC)**, (2013), pag. 730–735
Citeaza: H. Mukaidani, T. Yamamoto, V. Dragan, *Nash strategy of multiparameter singularly perturbed Markov jump stochastic systems with state-and control-dependent noise*, **American Control Conference (ACC)**, (2012), pag. 1621 –1626.
126. C. L. Stewart, On the Distribution of Small Denominators in the Farey Series of Order N , **Advances in Combinatorics, Waterloo Workshop in Computer Algebra, W80, May 26-29 2011, In Memory of Herbert S. Wilf. Springer 2013, ISBN-13: 9783642309786, ISBN-10: 364230978X** Editors Ilias S. Kotsireas, Eugene V. Zima, 2013, pag. 275–286
Citează: C. Cobeli, A. Zaharescu, *The Haros-Farey sequence at two hundred years*, **Acta Univ. Apulensis. Math. - Inform.** 5 (2003), pag. 1–38.
127. Zhe-feng XU, Some cancellations of the error term of the D. H. Lehmer problem, **Journal of Shaanxi Normal University (Natural Science Edition) Issue 6, Page**, (2013), pag. 12–14, 20
Citează: C. Cobeli, A. Zaharescu, *Generalization of a problem of Lehmer*, **Manuscr. Math.** 104 (3) (2001), pag. 301–307.
128. ZheFeng Xu, Distribution of the difference of an integer and its m -th power (mod n) over incomplete intervals, **J. Number Theory** 133, no. 12, (2013), pag. 4200–4223
Citează: C. Cobeli, A. Zaharescu, *On the distribution of the \mathbb{F}_p -points on an affine curve in r dimensions*, **Acta Arith.** 99 (2001), pag. 321–329.
129. Sarkar, Jaydeb; Sasane, Amol; Wick, Brett D., Doubly commuting submodules of the Hardy module over polydiscs, **Studia Math.** 217 (2013), pag. 179–192
Citeaza: Ball, J. A.; Li, W. S.; Timotin, D.; Trent, T. T., *A commutant lifting theorem on the polydisc*, **Indiana Univ. Math. J.** 48 (1999), pag. 653–675.
130. Alger, Jim; McCarthy, John E.; Young, N. J., On the representation of holomorphic functions on polyhedra, **Michigan Math. J.** 62 (2013), pag. 675–689
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.

131. Douglas, Ronald G.; Liaw, Constanze, A geometric approach to finite rank unitary perturbations, **Indiana Univ. Math. J.** **62** (2013), pag. 335–354
Citeaza: Benhida, Chafiq; Timotin, Dan, *Finite rank perturbations of contractions*, **Integral Equations Operator Theory** **36** (2000), pag. 253–268.
132. Popescu, Gelu, Berezin transforms on noncommutative varieties in polydomains, **J. Funct. Anal.** **265** (2013), pag. 2500–2552
Citeaza: Timotin, Dan, *Regular dilations and models for multicontractions*, **Indiana Univ. Math. J.** **47** (1998), pag. 671–684.
133. Popescu, Gelu, Berezin transforms on noncommutative varieties in polydomains, **J. Funct. Anal.** **265** (2013), pag. 2500–2552
Citeaza: Benhida, Chafiq; Timotin, Dan, *Automorphism invariance properties for certain families of multioperators.*, **Operator theory live**, Theta Ser. Adv. Math., 12, Theta, Bucharest, 2010, pag. 5–15.
134. Bercovici, H.; Dykema, K.; Li, W. S., The Horn inequalities for submodules, **Acta Sci. Math. (Szeged)** **79** (2013), pag. 17–30
Citeaza: Bercovici, H.; Collins, B.; Dykema,; Li, W. S.; Timotin, D., *Intersections of Schubert varieties and eigenvalue inequalities in an arbitrary finite factor*, **J. Funct. Anal.** **258** (2010), pag. 1579–1627.
135. Appleby, Glenn D.; Whitehead, Tamsen, Matrix pairs over valuation rings and R -valued Littlewood-Richardson fillings, **Linear Multilinear Algebra** **61** (2013), pag. 1063–1115
Citeaza: Bercovici, H.; Li, W. S.; Timotin, D., *The Horn conjecture for sums of compact selfadjoint operators*, **Amer. J. Math.** **131** (2009), pag. 1543–1567.
136. Nagy, Béla, On contractions in Hilbert space, **Acta Sci. Math. (Szeged)** **79** (2013), pag. 235–251
Citeaza: Benhida, Chafiq; Gorkin, Pamela; Timotin, Dan, *Numerical ranges of $C_0(N)$ contractions*, **Integral Equations Operator Theory** **70** (2011), pag. 265–279.
137. M. Longo, V. Rotger, S. Vigni, *Special values of ζ -functions and the arithmetic of Darmon points*. **J Reine Angew Math** 684 (2013), 199244
Citeaza: A. A. Popa, *Whittaker newforms for Archimedean representations*, **J. Number Theory** **128** (2008), 1637–1645
138. S. Marshall, *Triple product L -functions and quantum chaos on $SL(2, C)$* , **Israel Journal of Mathematics** 200 (2014), 423–448
Citeaza: A. A. Popa, *Whittaker newforms for Archimedean representations*, **J. Number Theory** **128** (2008), 1637–1645
139. K. Bringmann, P. Guerzhoy, Z. Kent, K. Ono, *Eichler-Shimura theory for mock modular forms*, **Math. Ann.** 355 (2013), 1085–1121
Citeaza: A. A. Popa, *Rational decomposition of modular forms*. **Ramanujan J.** 26/3 (2011), 419–435
140. C. Anantharaman-Delaroche, Old and new about treeability and the Haagerup property for measured groupoids, in *Operator Algebras and Dynamics* (T. M. Carlsen et al., eds.),

- Springer Proceedings in Mathematics and Statistics 58** (2013), Springer, Heidelberg, pag. 1–30.
Citeaza: F. Boca, *On the method of constructing irreducible finite index subfactors of Popa*, **Pacific J. Math.** **161** (1993), pag. 201–231.
141. K. De Commer, Representation theory of quantized enveloping algebras with interpolating real structure, **Symmetry, Integrability and Geometry – Methods and Applications 9** (2013), Art. 081, 20 pages.
Citeaza: F. Boca, *Ergodic actions of compact matrix pseudogroups on C^* -algebras*, Recent Advances in Operator Algebras (Orléans 1992), **Astérisque 232** (1995), pag. 93–109.
142. K. De Commer, M. Yamashita, Tannaka-Krein duality for compact quantum homogeneous spaces. I. General theory, **Theory and Applications of Categories 28** (2013), pag. 1099–1138.
Citeaza: F. Boca, *Ergodic actions of compact matrix pseudogroups on C^* -algebras*, Recent Advances in Operator Algebras (Orléans 1992), **Astérisque 232** (1995), pag. 93–109.
143. K. De Commer, M. Yamashita, A construction of finite index C^* -algebra inclusions from free actions of quantum groups, **Publications RIMS Kyoto University 49** (2013), pag. 709–735.
Citeaza: F. Boca, *Ergodic actions of compact matrix pseudogroups on C^* -algebras*, Recent Advances in Operator Algebras (Orléans 1992), **Astérisque 232** (1995), pag. 93–109.
144. J. Marklof, A. Strömbergsson, Diameters of random circulant graphs, **Combinatorica 33** (2013), pag. 429–466.
Citeaza: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Communications in Mathematical Physics 213** (2000), pag. 433–470.
Citeaza: F. P. Boca, R. N. Gologan, A. Zaharescu, *The statistics of the trajectory in a certain billiard in a flat two-torus*, **Communications in Mathematical Physics 240** (2003), pag. 53–73.
145. S. Freund, Effective Hamiltonians for magnetic Bloch bands, Dr. Ren. Nat. Dissertation, University of Tübingen, 2013.
Citeaza: F. P. Boca, *Rotation C^* -Algebras and Almost Mathieu Operators*, **The Theta Foundation**, Bucharest, 2001.
146. S. Basu, C. Riener, Bounding the equivariant Betti numbers and computing the generalized Euler-Poincaré characteristic of symmetric semi-algebraic sets, **arXiv:1312.6582** (2013), pag. 1–55.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: General results*, **J. Math. Anal. Appl.** **284(1)** (2003), 174–190.
147. S. Basu, C. Riener, Bounding the equivariant Betti numbers and computing the generalized Euler-Poincaré characteristic of symmetric semi-algebraic sets, **arXiv:1312.6582** (2013), pag. 1–55.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part II: Lattice general results and positivity criteria for degrees 4 and 5*, **J. Math. Anal. Appl.** **304(2)** (2005), 652–667.

148. S. Basu, C. Riener, Bounding the equivariant Betti numbers and computing the generalized Euler-Poincaré characteristic of symmetric semi-algebraic sets, **arXiv:1312.6582** (2013), pag. 1–55.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part III: Extremal polynomials of degree 4*, **J. Math. Anal. Appl.** **307(2)** (2005), 565–578.
149. G. Francfort, A. Giacomini, A. Musest, On the Fleck and Willis homogenization procedure for strain gradient plasticity, **Discrete and Continuous Dynamical Systems. Series S** **6** (2013), pag. 43–62
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. 642668
150. J. Orlik, V. Shiryayev, Evolutional contact with Coulombs friction on a periodic microstructure, **PAMM** **13** (2013), pag. 377–378
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. 64266
151. J.A. Barceló, D. Faraco, A. Ruiz, A. Vargas, Reconstruction of discontinuities from backscattering data in two dimensions. **SIAM J. Math. Anal.** **45** (2013), 3494–3513.
Citează: I. Belitiță, A. Melin, *Analysis of the quadratic term in the backscattering transform*. **Math. Scand.** **105** (2009), pag. 218–234.
152. J.A. Barceló, D. Faraco, A. Ruiz, A. Vargas, Reconstruction of discontinuities from backscattering data in two dimensions. **SIAM J. Math. Anal.** **45** (2013), 3494–3513.
Citează: I. Belitiță, A. Melin, *Local smoothing for the backscattering transform*. **Comm. Partial Differ. Equ.** **34** (2009), pag. 233–256.
153. T Kadokami, Y Mizusawa, On the Iwasawa invariants of a link in the 3-sphere, **Kyushu Journal of Mathematics** **67** (2014), pag. 215–226. *Citează:* J. Hillman, D. Matei, M. Morishita, *Pro- p link groups and p -homology groups*, **Contemp. Math.** **416** (2006), pag. 121 – 136.
154. Edoardo Ballico, Sukmoon Huh, Francesco Malaspina, Globally generated vector bundles on a smooth quadric surface, **arXiv:1312.2472** (2013)
Citează: C. Anghel and N. Manolache, *Globally generated vector bundles on \mathbb{P}^n with $c_1 = 3$* , **Math. Nachr.** **286** (2013), no. 14–15, 1407–1423.
155. Edoardo Ballico, Sukmoon Huh, Francesco Malaspina, Globally generated vector bundles on a smooth quadric surface, **arXiv:1312.2472** (2013)
Citează: C. Anghel, I. Coanda and N. Manolache, *Globally generated vector bundles on \mathbb{P}^n with $c_1 = 4$* , **Preprint, arXiv : 1305.3464 [math.AG]** (2013),
156. L. Ein, R. Lazarsfeld, Y. Mustopa, Stability of syzygy bundles on an algebraic surface, **Math. Res. Lett.** **20, No. 1** (2013), pag. 73 – 80
Citează: I. Coandă, *On the stability of syzygy bundles*, **International J. Math.** **22, No. 4** (2011), pag. 515 – 534

157. Wang L.-J., *Particle paths in small amplitude solitary waves with negative vorticity*, **Journal of Mathematical Analysis and Applications** **398** (2013), 211–220;
Citeaza: Ionescu-Kruse D., Particle trajectories beneath small amplitude shallow water waves in constant vorticity flows, **Nonlinear Analysis: Theory, Methods & Applications** **71** (2009), 3779–3793.
158. Hu Q., Lin L., Jin J., *Initial boundary value problem for a coupled Camassa-Holm system with peakons*, **Applicable Analysis** **92** (2013), 1254–1270;
Citeaza: Ionescu-Kruse D., Variational derivation of the Camassa-Holm shallow water equation, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
159. Song D, Liu C., Guo Y., *Parameter-Adjusting Method of Constructing Birkhoffian Functions*, **Applied Mathematics and Mechanics** **34** (2013), 995–1002;
Citeaza: Ionescu D., A geometric Birkhoffian formalism for nonlinear RLC networks, **Journal of Geometry and Physics** **56** (2006), 2545–2572.
160. Song D, Liu C., Guo Y., *Parameter-Adjusting Method of Constructing Birkhoffian Functions*, **Applied Mathematics and Mechanics** **34** (2013), 995–1002;
Citeaza: Ionescu D., Scheurle J., Birkhoffian formulation of the dynamics of LC circuits, **Zeitschrift für angewandte Mathematik und Physik** **58** (2007), 175–208.
161. Eckhardt J., Teschl G., *A coupling problem for entire functions and its application to the long-time asymptotics of integrable wave equations*, **Research supported by the Austrian Science Fund (FWF) under Grant No. Y 330 and by the AXA Research Fund under the Mittag-Leffler Fellowship Project** (2013), pag. 1–10;
Citeaza: Ionescu-Kruse D., Variational derivation of the Camassa-Holm shallow water equation, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
162. Bellec S., Colin M., Ricchiuto M., *Sur des Modèles Asymptotiques en Océanographie*, **Rapport de recherche No. 8361, INRIA Bordeaux Sud-Ouest, Équipes-Projets Bacchus** (2013), 1–42;
Citeaza: Ionescu-Kruse D., A new two-component system modelling shallow-water waves, **Quarterly of Applied Mathematics** (2013), in press
163. Cappelletti-Montano, Beniamino; De Nicola, Antonio; Yudin, Ivan, **A SURVEY ON COSYMPLECTIC GEOMETRY, REVIEWS IN MATHEMATICAL PHYSICS Volume: 25 Issue: 10 Special Issue: SI Article Number: 1343002 Published: NOV 2013**
Citeaza: Dragomir, S.; Ornea, L. Locally conformal Kahler geometry, **Progress in Math.** **155**, Birkhäuser (1998)
164. Brozos-Vazquez, M.; Garcia-Rio, E.; Gilkey, P.; et al., *Homogeneous 4-Dimensional Kahler-Weyl Structures*, **RESULTS IN MATHEMATICS Volume: 64 Issue: 3-4 Pages: 357-369 Published: DEC 2013**
Citeaza: Ornea, L.; Verbitsky, M. Einstein-Weyl structures on complex manifolds and conformal version of Monge-Ampere equation, **BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHÉMATIQUES DE ROUMANIE Volume: 51 Issue: 4 Pages: 339-353 Published: 2008**

165. Tosatti, Valentino; Weinkove, Ben, The Chern-Ricci flow on complex surfaces, **COMPOSITIO MATHEMATICA** Volume: 149 Issue: 12 Pages: 2101-2138 Published: DEC 2013
Citeaza: Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces* , **ANNALES DE L INSTITUT FOURIER** Volume: 48 Issue: 4 (1998) 1107–1127
166. Cuadros Valle, Jaime HYPERSATO STRUCTURES, **Pro Mathematica**, 27, 53-54 (2013), 99-125, ISSN 1012-393
Citeaza: Boyer, Charles P.; Galicki, Krzysztof; Ornea, Liviu *Constructions in sasakian geometry* , **MATHEMATISCHE ZEITSCHRIFT** Volume: 257 Issue: 4 Pages: 907-924 Published: DEC 2007
167. Charles Boyer, Christina Tonnesen-Friedman, Extremal Sasakian geometry on $T^2 \times S^3$ and related manifolds, **Compos. Math.** vol. 149, no. 8 (2013), pag. 1431 – 1456
Citeaza: Liana David, Paul Gauduchon, *The Bochner-flat geometry of weighted projected spaces*, **Perspectives in Riemannian Geometry** (2006), pag. 109 – 156
168. Jeff Viaclovski, Einstein metrics and Yamabe invariants of the weighted projective spaces, **Tohoku Math J.** vol. 65, no. 2 (2013), pag. 297 – 311
Citeaza: Liana David, Paul Gauduchon, *The Bochner-flat geometry of weighted projected spaces*, **Perspectives in Riemannian Geometry** (2006), pag. 109 – 156
169. Jonsu Kim, Melting of the Euclidian metric to negative scalar curvature, **Bull Korean Math Soc** vol. 50, no. 4 (2013), pag. 1087 – 1089
Citeaza: David Calderbank, Liana David, Paul Gauduchon, *The Guillemin formula and Kähler metrics on toric symplectic manifolds*, **J. Symplectic Geometry** vol. 1, no. 4 (2003), pag. 767 – 784.
170. Alessandro Arsie, Paolo Lorenzoni, F -manifolds with eventual identities, bi-differential calculus and twisted Lenard-Magri chains, **Int. Math. Res. Notices**, no. 17 (2013), pag. 3931 – 3976
Citeaza: Liana David, Ian Strachan *Dubrovin's duality for F -manifolds with eventual identities*, **Adv. Math.** vol. 226 (2011), pag. 4031 – 4060.
171. Alessandro Arsie, Paolo Lorenzoni, From the Darboux-Egorov system to bi-flat F -manifolds, **J. Geom. Physics** vol.70 (2013), pag. 98 – 116
Citeaza: Liana David, Ian Strachan *Dubrovin's duality for F -manifolds with eventual identities*, **Adv. Math.** vol. 226 (2011), pag. 4031 – 4060.
172. Yi-Huang Shen, When will the Stanley depth increase?, **Proc. Amer. Math. Soc.** 141 no. 7 (2013), pag. 2265–2274
Citeaza: Mircea Cimpoeas, *Stanley depth of monomial ideals with small number of generators*, **Central European Journal of Mathematics** 7(4) (2009), pag. 629 – 634
173. A. Harbi, Maximum Norm Analysis of an Arbitrary Number of Nonmatching Grids Method for Nonlinear Elliptic PDES, **Journal of Applied Mathematics** (2013), Article ID 893182, <http://dx.doi.org/10.1155/2013/893182>
Citeaza: L. Badea, *A generalization of the Schwarz alternating method to an arbitrary number of subdomains*, **Numer. Math.**, 55, (1989), pag. 61-81.

174. S. Boulaaras, The maximum norm analysis of an overlapping Schwarz method for parabolic quasi-variational inequalities related to impulse control problem with the mixed boundary conditions, **Applied Mathematics and Information Science**, **7**, **1** (2013), pag. 343-353.
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.
175. Y. Zhong, The spectral domain embedding method for partial differential equations on irregular domains, **M.Sc. Thesis, Simon Frazer University, Canada** (2013), pag. <http://summit.sfu.ca/item/13916>
Citeaza: L. Badea and P. Daripa, *On a boundary control approach to embedding domain method*, **SIAM J. on Control and Optimization**, Vol. **40**, No. **2** (2001), pag. 421-449
176. O. O'Reilly, J. Nordstrom, J. E. Kozdon and E. M. Dunham, Simulation of Earthquake Rupture Dynamics in Complex Geometries Using Coupled Finite Difference and Finite Volume Methods, **preprint, Institutional Archive of the Naval Postgraduate School, Calhoun** (2013), <http://calhoun.nps.edu/handle/10945/39261>
Citeaza: L. Badea, I. R. Ionescu and S. Wolf, *Schwarz method for earthquake source dynamics*, **Journal of Computational Physics**, **8** (2008), pag. 3824-3848
177. A. Assala, F.Z. Nouri, A study of a problem coupling surfacic and underground flows, **International Journal of Mathematical Analysis**, **7**, (49-52) (2013), pag. 2475-2489
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
178. F. Cimolin and M. Discacciati, Navier-Stokes/Forchheimer models for filtration through porous media, **Applied Numerical Mathematics**, **72** (2013), pag. 205-224
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
179. S. I. Repin, Estimates of deviations from the exact solution of a generalized Oseen problem, **Journal of Mathematical Sciences**, **195**, **1** (2013), pag. 64-75
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
180. M. Hintermüller and S. Rösler, A duality-based path-following semismooth Newton method for elasto-plastic contact problems, **IFB-Report 70, Institute of Mathematics and Scientific Computing, University of Graz** (2013)
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
181. S. Riaz and D. Loghin, A non overlapping domain decomposition method for the obstacle problem, **Technical Report, INRIA, France** (2013), http://dd21.inria.fr/pdf/riazs_contrib.pdf
Citeaza: L. Badea, *Multigrid methods for some quasi-variational inequalities*, **Discrete and Continuous Dynamical Systems - Series S**, **6**, **6** (2013), pag. 1457-1471

182. R. Perazzo Barbosa Mota, D.M. Batista, An Ns-2 Module for Simulating Passive RFID Systems **2013 IEEE International Conference on High Performance Computing and Communications and Embedded and Ubiquitous Computing (HPCC_EUC), November 2013/IEEE** (2013), pag. 2263 – 2270
Citeaza: D.T. Vuza, S. Chitu, P. Svasta, *An RFID tag simulator based on the Atmel AT91SAM7S64 micro-controller*, **2010 33rd International Spring Seminar on Electronics Technology (ISSE), May 2010 IEEE**(2010), pag. 427 – 432
183. T. Johnson, F. Jedrzejewski, Looking at Numbers **Birkhauser** (2013), pag. 93, 98, 99
Citeaza: D.T. Vuza, *Supplementary Sets and Regular Complementary Unending Canons Parts 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
184. C. Callender, Sturmian Canons **Mathematics and Computation in Music, Lecture Notes in Computer Science 7937/Springer** (2013), pag. 64 – 75
Citeaza: D.T. Vuza, *Supplementary Sets and Regular Complementary Unending Canons Parts 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
185. D. R. Sahu, V. Colao, G. Marino, Strong convergence theorems for approximating common fixed points of families of nonexpansive mappings and applications, **Journal of Global Optimization 56** (2013), pag. 1631–1651
Citeaza: L. Leuştean, *Rates of asymptotic regularity for Halpern iterations of nonexpansive mappings*, **Journal of Universal Computer Science 13** (2007), pag. 1680 – 1691
186. A.M. Balasoiu, M.J. Braun and S.I. Moldovan, A parametric study of a porous self-circulating hydrodynamic bearing, **Tribology International 61** (2013), pag. 176-193
Citeaza: H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
187. G.A. Maugin, European Miscellanei and Asia, **Continuum Mechanics through the Twentieth Century Solid Mechanics and its Applications 196** (2013), pag. 137-166
Citeaza: H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
188. D.A. Nield and A. Bejan, External Natural Convection, **Convection in Porous Media, Springer** (2013), pag. 145-220
Citeaza: H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
189. B.S. Tilley, On microchannel shapes in liquid-cooled electronics applications, **Int. J. of Heat and Mass Transfer, 62** (2013), pag. 163-173
Citeaza: H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
190. B.S. Tilley, Thermally-Induced Dispersion of Coolant Mixtures Through Heated Layered Materials, **ASME Proceedings of Heat Transfer Summer Conference** (2013), pag. 1-8

- Citeaza:* H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
191. A. Timofte , Existence, uniqueness and homogenization for ferroelectric materials, **Annals of Univ. Bucharest** **62** (2013), pag. 253271
Citeaza: D. Poliřevki and 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
192. A. Ainouz, Homogenization of a double porosity model in deformable media, **Electron. J. Diff. Eqns.** **90** (2013), pag. 1-18
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
193. P. Donato and I. Tentea, Homogenization of an elastic double-porosity medium with imperfect interface via the periodic unfolding method **Boundary Value Problems** **265** (2013), pag. 1-14
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
194. A. Muntean and T.L. van Noorden, Corrector estimates for the homogenization of a locally periodic medium with areas of low and high diffusivity, **European J. Appl. Math.** **24(5)** (2013), pag. 657677
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
195. C. Timofte, Multiscale modeling of heat transfer in composite materials, **Romanian J. of Physics** **58** (2013), pag. 1418-1427
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
196. Olgac, Ufuk; Muradoglu, Metin, Effects of surfactant on liquid film thickness in the Bretherton problem, **INTERNATIONAL JOURNAL OF MULTIPHASE FLOW** **Volume: 48**, (2013), pag. 58 – 70
Citeaza: Daripa, Prabir; Pasa, Gelu, *The effect of surfactant on the motion of long bubbles in horizontal capillary tubes*, **JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT** **Article Number: L02002** **Published: FEB 2010**.
197. Daripa, Prabir; Ding, Xueru, *Selection Principle of Optimal Profiles for Immiscible Multi-Fluid Hele-Shaw Flows and Stabilization*, **TRANSPORT IN POROUS MEDIA** **Volume: 96** (2013), 353-367.
Citeaza: Daripa, Prabir; Pasa, Gelu, *On diffusive slowdown in Three-Layer Hele-Shaw Flows* **QUARTERLY OF APPLIED MATHEMATICS**, **68** (2010), 591-606.
198. Daripa, Prabir; Ding, Xueru, *Selection Principle of Optimal Profiles for Immiscible Multi-Fluid Hele-Shaw Flows and Stabilization*, **TRANSPORT IN POROUS MEDIA** **Volume: 96** (2013), 353-367.
Citeaza: Pasa, Gelu, *Stability results for several models of secondary oil recovery* **MATHEMATICAL REPORTS**, **10** (2008), 591-606.

199. Mandelli, A.; Bestetti, M.; Da Forno, A.; et al. *A composite coating for corrosion protection of AM60B magnesium alloy*, **SURFACE & COATINGS TECHNOLOGY** ,**205** (2013). 4459-4465 .
Citeaza: Daripa, Prabir;Pasa, Gelu, *The effect of surfactant on long bubbles rising in vertical capillary tubes* **JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT** Article Number: L02003 Published: FEB 2011.
200. P Guo, C Wei, W Xiong, C Zhao *Exact Boundary Controller Design for a Kind of Enhanced Oil Recovery Models*, **Abstract and Applied Analysis**, **2014** - hindawi.com.
Citeaza: Daripa, Prabir;Pasa, Gelu, *An optimal viscosity profile in enhanced oil recovery by polymer flooding* **International journal of engineering science** **42 (19)**, (2004), 2029-2039.
201. EO Dias, *Viscous-fingering minimization in uniform three-dimensional porous media*, **Physical Review E**, **2013** - APS
Citeaza: Daripa, Prabir;Pasa, Gelu, *An optimal viscosity profile in enhanced oil recovery by polymer flooding* **International journal of engineering science** **42 (19)**, (2004), 2029-2039.
202. A Samanta, K Ojha, A Mandal, *Extraction and Characterization of an Eco-Friendly Surfactant for Its Use in Enhanced Oil Recovery*, **Journal of Petroleum** , **2013** - researchgate.net
Citeaza: Daripa, Prabir;Pasa, Gelu, *An optimal viscosity profile in enhanced oil recovery by polymer flooding* **International journal of engineering science** **42 (19)**, (2004), 2029-2039.
203. JJ Sheng , *Mobility control requirement in multiphase displacement processes in porous media*, **AsiaPacific Journal of Chemical Engineering**, **2013** - Wiley Online Library
Citeaza: Daripa, Prabir;Pasa, Gelu, *Stabilizing effect of diffusion in enhanced oil recovery and three-layer Hele-Shaw flows with viscosity gradient* **Transport in Porous Media**, **70 (1)** (2007) 11-23.
204. B Mishra, SN Panday , *Steady Flow between Two Porous Parallel Plates with Varying Viscosity*, **Journal of International Academy Of Physical** , **2013** - iaps.in
Citeaza: G Paa, O Titaud, *A class of viscosity profiles for oil displacement in porous media or Hele-Shaw cell* **Transport in Porous Media**,**58 (3)**, (2005) 269-286.
205. A. Matei, A variational approach via bipotentials for unilateral contact problems, **Journal of Mathematical Analysis and Applications**, **Volume 397**, **Issue 1** (2013), pag. 371380
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Non-maximal cyclically monotone graphs and construction of a bipotential for the Coulombs dry friction law* , **J. Convex Anal.**, **17 (1)** (2010), pag.8194
206. Arjidal El Hanafia, Jamal Chaoufia, Claude Vallée, Arnaud Germaneaub, Kossi Atchonouglo, Hassan Fatmaouia, Abdelaaziz Ghafiria, *Construction of a bipotential representing a linear non-associated constitutive law*, **Comptes Rendus Mécanique** **Volume 341**, **Issues 910** (2013), pag. 667671

- Citeaza*: M. Buliga, G. de Saxcé, C. Vallée, *Non-maximal cyclically monotone graphs and construction of a bipotential for the Coulombs dry friction law* , **J. Convex Anal.**, **17** (1) (2010), pag.8194
207. Claude Vallée, Camelia Lerintiu, Jamal Chaoufi, Danielle Fortuné, Michael Ban, Kossi Atchonouglo , A Class of Non-associated Materials: n-Monotone MaterialsHookes Law of Elasticity Revisited, **Journal of Elasticity**, **July 2013, Volume 112, Issue 2** (2013), pag. 111-138
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Non-maximal cyclically monotone graphs and construction of a bipotential for the Coulombs dry friction law* , **J. Convex Anal.**, **17** (1) (2010), pag.8194
208. Claude Vallée, Camelia Lerintiu, Jamal Chaoufi, Danielle Fortuné, Michael Ban, Kossi Atchonouglo , A Class of Non-associated Materials: n-Monotone MaterialsHookes Law of Elasticity Revisited, **Journal of Elasticity**, **July 2013, Volume 112, Issue 2** (2013), pag. 111-138
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Bipotentials for non-monotone multivalued operators: fundamental results and applications* , **Acta Appl. Math.** **110(2)** (2010), pag.955972
209. Claude Vallée, Camelia Lerintiu, Jamal Chaoufi, Danielle Fortuné, Michael Ban, Kossi Atchonouglo , A Class of Non-associated Materials: n-Monotone MaterialsHookes Law of Elasticity Revisited, **Journal of Elasticity**, **July 2013, Volume 112, Issue 2** (2013), pag. 111-138
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws* , **J. Convex Anal.** **15(1)** (2008), pag.87104
210. Enrico Le Donne , Lipschitz and path isometric embeddings of metric spaces, **Geometriae Dedicata** **October 2013, Volume 166, Issue 1** (2013), pag. 47-66
Citeaza: M. Buliga, *Sub-Riemannian geometry and Lie groups. Part I*, **arXiv:math/0210189** (2002), pag. 1-80
211. Autorii: J. Zhou, *Topological Recursions of Eynard Orantin Type for Intersection Numbers on Moduli Spaces of Curves*, **Letters in Mathematical Physics**, (2013), Volume 103, Issue 11, pp 1191-1206.
Citeaza: O. Dumitrescu, M. Mulase, B. Safnuk, A. Sorkin *The Spectral Curve of the Eynard-Orantin Recursion via the Laplace Transform in Algebraic and Geometric Aspects of Integrable Systems and Random Matrices*, Dzhamay, Maruno and Pierce, Eds. Contemporary Mathematics 593, (2013), pag. 263–315.
212. Erdogan, M. Burak; Green, William R., Dispersive estimates for Schrodinger operators in dimension two with obstructions at zero energy , **Transactions of the American Mathematical Society** **Volume: 365** (2013), pag. 6403-6440
Citeaza: A. Jensen, G. Nenciu , *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , 717-754.
213. Wall, M. L.; Carr, L. D., Dipole-dipole interactions in optical lattices do not follow an inverse cube power law, **New Journal of Physics** **Volume: 15** (2013), pag.
Citeaza: G. Nenciu, *Existence of the exponentially localized Wannier functions*, **Communications in Mathematical Physics** **91**, (1983), 81-85.

214. Jaksic, Vojkan; Landon, Benjamin; Pillet, Claude-Alain, Entropic Fluctuations in XY Chains and Reflectionless Jacobi Matrices , **Annales Henri Poincare Volume: 14** (2013), pag. 1775-1800
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.
215. Hogreve, H., Bound, virtual and resonance states of the three-dimensional Dirac and Schrodinger square well, **International Journal of Modern Physics E-Nuclear Physics Volume: 22** (2013), Article Number: 1350079
Existence of the spontaneous pair creation in the external field approximation of Q.E.D., **Comm. Math. Phys.** **109** (1987), 303–312
216. Torres, Raphael, *On Einstein metrics, normalized Ricci flow and smooth structures on $3\mathbb{CP}^2 \# k\overline{\mathbb{CP}}^2$* , **New York J. Math.** **19** (2013), 179–188.
Citeaza: Răşdeaconu, Rareş; Şuvaina, Ioana, *Smooth structures and Einstein metrics on $\mathbb{CP}^2 \# 5, 6, 7\overline{\mathbb{CP}}^2$* , **Math. Proc. Cambridge Philos. Soc.** **147** (2009), no. 2, 409–417.
217. Torres, Raphael, *On Einstein metrics, normalized Ricci flow and smooth structures on $3\mathbb{CP}^2 \# k\overline{\mathbb{CP}}^2$* , **New York J. Math.** **19** (2013), 179–188.
Citeaza: Ishida, Masashi, Răşdeaconu Rareş, I. Şuvaina, *On normalized Ricci flow and smooth structures on four-manifolds with $b^+ = 1$* , **Arch. Math. (Basel)** **92**, (2009), no. 4, 355–365.
218. K. Saygili, Trkalian fields: ray transforms and mini-twistors, **Journal of Mathematical Physics** **54** (2013), 103512, 36pp.
Citeaza: Radu Pantilie, *Harmonic morphisms with 1-dimensional fibres on 4-dimensional Einstein manifolds*, **Communications in Analysis and Geometry** **10** (2002), pag. 779–814.
219. K. Saygili, Trkalian fields: ray transforms and mini-twistors, **Journal of Mathematical Physics** **54** (2013), 103512, 36pp.
Citeaza: Radu Pantilie, John C. Wood, *A new construction of Einstein self-dual metrics*, **Asian Journal of Mathematics** **6** (2002), pag. 337–348.
220. V. Vâjăitu: Compact sets with vanishing cohomology in Stein spaces and domains of holomorphy, **Ann. Sc. Norm. Super. Pisa Cl. Sci. (5)** **12** (2013), 665–685,
Citeaza: M. Colţoiu, K. Diederich: *On Levi’s problem on complex spaces and envelopes of holomorphy*, **Math. Ann.** **316** (2000), 185–199.
221. J. C. Sierra, Surfaces in P^4 whose 4-secant lines do not sweep-out a hypersurface, **CRAS Paris** **351** (2013), pag. 623 – 625
Citează: P. Ionescu, *Embedded projective varieties of small invariants III*, **Lecture Notes Math.** **1417** (1990), pag. 138 – 154
222. Chen Zhi Yong, Deng Fang Fang, Classification of higher dimensional algebraic varieties with ample vector bundles, **Acta Math. Sinica** **56** (2013), pag. 155 – 162
Citează: P. Ionescu, *Generalized adjunction and applications*, **Math. Proc. Cambridge Phil. Soc.** **99** (1986), pag. 457 – 472

223. Aleksandr Vladimirovich Sobolev, *Pseudo-Differential Operators with Discontinuous Symbols: Widom's Conjecture: Widom's Conjecture*, American Mathematical Society, Memoirs of the American Mathematical Society, Volume 222, Number 1043, March 2013, ISBN: 978-0-8218-8487-4
Citeaza: G. Arsu, On Schatten-von Neumann class properties of pseudodifferential operators: The Cordes-Kato method, J. Operator Theory **59** (2008), pag. 81–114;
224. Steven Lord, Fedor Sukochev, Dmitriy Zanin, *Singular Traces: Theory and Applications*, De Gruyter, De Gruyter Studies in Mathematics 46, 2013, ISBN: 978-3-11-026250-6
Citeaza: G. Arsu, On Schatten-von Neumann class properties of pseudodifferential operators: The Cordes-Kato method, J. Operator Theory **59** (2008), pag. 81–114
225. Mahender Singh, Symmetric continuous cohomology of topological groups. **Homology Homotopy Appl.** **15** (2013), pag. 279–302.
Citeaza: Mihai Staic, From 3-algebras to Δ -groups and symmetric cohomology, J. Algebra **322** (2009), pag. 1360–1378.
226. Tao Yang, Xuan Zhou and Tianshui Ma, On braided T-categories over multiplier Hopf algebras. **Comm. Algebra** **41** (2013), pag. 2852–2868.
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.
Citeaza: Mihai Staic, A note on anti-Yetter-Drinfeld modules, Contemp. Math., **441** (2007), pag. 149–153.
227. Xiaoli Fang and Shuanhong Wang, New Turaev braided group categories and group corings based on quasi-Hopf group coalgebras. **Comm. Algebra** **41** (2013), pag. 4195–4226.
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.
Citeaza: Mihai Staic, A note on anti-Yetter-Drinfeld modules, Contemp. Math., **441** (2007), pag. 149–153.
228. S. R. Mahmoud, An Analytical Solution for Effect of Magnetic Field and Initial Stress on an Infinite Generalized Thermoelastic Rotating Nonhomogeneous Diffusion Medium, **Abstr. Appl. Anal.** **2013** (2013), Article ID: 284646
Citeaza: R. Fares, G. P. Panasenko, R. Stavre, A viscous fluid flow through a thin channel with mixed (rigid-elastic) boundary. Variational and asymptotic analysis, Abstr. Appl. Anal. **2012** (2012), Article ID: 152743
229. Ho, Tony ; Peralta, Antonio M. ; Russo, Bernard *Ternary weakly amenable C^* -algebras and JB^* -triples*, **Q. J. Math.** **64** (2013), no. 4 pag. 1109 – 1139
Citeaza: Pop, Ciprian. Finite sums of commutators, Proc. Amer. Math. Soc. (2002), no. 10, pag. 3039–3041.
230. Nguyen, Van C., Tate and Tate-Hochschild cohomology for finite dimensional Hopf algebras, **J. Pure Appl. Algebra**, **217** (10) (2013), pag. 1967–1979
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.

231. Miriam Cohen and Sara Westreich, Recovering information from character tables of Hopf algebras: normality, dimensions and quotients, **Contemporary Mathematics 585 - Hopf Algebras and Tensor Categories, 2013** (2013), pag. 213 – 226
Citeaza: S. Burciu, *Normal coideal subalgebras of semisimple Hopf algebras*, **Journal of Physics: Conference Series 346** (2012), 012004.
232. Kenichi Shimizu, Michihisa Wakui, Schrodinger representations from the viewpoint of monoidal categories, **math archive: arXiv:1312.5037** (2013), 32 pp
Citeaza: S. Burciu, *On some representations of the Drinfel'd double*, **Journal of Algebra 296** (2006), pag. 480–504.
233. Miriam Cohen and Sara Westreich, Probabilistically nilpotent Hopf algebras, **math archive: arXiv:1309.7115** (2013), 25 pp.
Citeaza: S. Burciu, *Kernels of representations and coideal subalgebras of Hopf algebras*, **Glasgow Mathematical Journal 54** (2012), 107–119.
234. Paul Bruillard, Siu-Hung Ng, Eric C. Rowell, Zhenghan Wang On Modular Categories, **math archive: arXiv:1310.7050v2** (2014), 45 pp.
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics 54** , (2013), 013511.
235. Julia Y. Plavnik, Sobre la estructura de las categorias de fusion con pocos grados irreducibles, **Ph. D thesis**, (2013) Universidad Nacional de Cordoba, Cordoba, Argentina
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics 54** , (2013), 013511.
236. G. L. Mullen, D. Panario, **Handbook of finite fields**, Chapman and Hall/CRC, 2013
Citează: M. Cipu, *Dickson polynomials that are permutations*, **Serdica Math. J. 30** (2004), 37–49.
237. G. L. Mullen, D. Panario, **Handbook of finite fields**, Chapman and Hall/CRC, 2013
Citează: M. Cipu, S. D. Cohen, *Dickson polynomial permutations*, **Finite Fields and Applications** (G.L. Mullen, D. Panario, I.E. Shparlinski, eds.), Contemp. Math. 461, Amer. Math. Soc., 2008, pp.79–90.
238. O. Pérez, I. Amaya, R. Correa, Numerical solution of certain exponential and non-linear Diophantine systems of equations by using a discrete particle swarm optimization algorithm, **Appl. Math. Comp. 225** (2013), 737–746
Citează: M. Cipu, *Gröbner bases and solutions to Diophantine Equation*, **Synasc '08 Pre-Proc., Main Track papers**, IeAT Tech. Report 08-11, 152–155.
239. M. Bennett, Y. Bugeaud, M. Mignotte, Perfect powers with few binary digits and related Diophantine problems, **Ann. Sc. Norm. Sup. Pisa 12** (2013), 941–953
Citează: M. Cipu, Y. Bugeaud, M. Mignotte, *On the representation of Fibonacci and Lucas numbers in an integer base*, **Annales Sci. Math. Québec 37** (2013), 31–43.
240. Y. Bugeaud, Distribution modulo one and Diophantine approximation **Cambridge Tracts in Mathematics 193**, 2012,
Citează: M. Cipu, Y. Bugeaud, M. Mignotte, *On the representation of Fibonacci and Lucas numbers in an integer base*, **Annales Sci. Math. Québec 37** (2013), 31–43.

241. A. Tyszka, A new characterization of computable functions, **An. Șt. Univ. Ovidius Constanța** **21** (2013), 289–293
Citează: M. Cipu, *Small solutions to systems of polynomial equations with integer coefficients*, **An. Șt. Univ. Ovidius Constanța** **19** (2011), 89–99.
242. A. Tyszka, A hypothetical upper bound for the solutions of a Diophantine equation with a finite number of solutions, **Fund. Inform.** **125** (2013), 95–99
Citează: M. Cipu, *Small solutions to systems of polynomial equations with integer coefficients*, **An. Șt. Univ. Ovidius Constanța** **19** (2011), 89–99.
243. J. Schicho, F.-O. Schreyer, M. Weimann, Computational aspects of gonal maps and radical parametrization of curves, **Applicable Algebra in Engineering, Communication and Computing Volume 24, Issue 5** (2013), pag. 313 – 341
Citează: M. Aprodu, *Remarks on syzygies of d -gonal curves*, **Math. Research Letters**, **12** (2005), pag. 387 – 400.
244. J. Schicho, F.-O. Schreyer, M. Weimann, Computational aspects of gonal maps and radical parametrization of curves, **Applicable Algebra in Engineering, Communication and Computing Volume 24, Issue 5** (2013), pag. 313 – 341
Citează: M. Aprodu, G. Farkas, *The Green Conjecture for smooth curves lying on arbitrary $K3$ surfaces*, **Compositio Math.** **147** (2011), pag. 839 – 851.
245. F. Rabe: *A logical framework combining model and proof theory*, **Mathematical Structures in Computer Science** **23(05)** (2013) pag. 945–1001
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
246. F. Rabe: *A logical framework combining model and proof theory*, **Mathematical Structures in Computer Science** **23(05)** (2013) pag. 945–1001
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures** **10(4)**, (2002) pag. 383–402.
247. F. Rabe: *A logical framework combining model and proof theory*, **Mathematical Structures in Computer Science** **23(05)** (2013) pag. 945–1001
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.
248. F. Rabe: *A logical framework combining model and proof theory*, **Mathematical Structures in Computer Science** **23(05)** (2013) pag. 945–1001
Citează: R. Diaconescu, *Proof systems for institutional logic*, **Journal of Logic and Computation** **16 (3)** (2006) pag. 339–357.
249. F. Rabe: *A logical framework combining model and proof theory*, **Mathematical Structures in Computer Science** **23(05)** (2013) pag. 945–1001
Citează: M. Aiguier, R. Diaconescu: *Stratified institutions and elementary homomorphisms*, **Information Processing Letters** **103(1)** (2007) pag. 5–13.
250. I. Sain: *Definability Issues in Universal Logic*, **Bolyai Society Mathematical Studies** **22** (2013) pag. 393–419
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.

251. R.C. Gonçalves, D. Batory, J.L. Sobral: *ReFLO: An interactive tool for pipe-and-filter domain specification and program generation*, **Software and Systems Modeling** Springer (2013) pag. 1–19
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.
252. Michael Hartglass, Free product von Neumann algebras associated to graphs, and Guionnet, Jones, Shlyakhtenko subfactors in infinite depth, **Journal of Functional Analysis, Volume 265, Issue 12, Elsevier** (2013), pag. 3305 – 3324
Citează: 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.
253. Dykema, Kenneth J.; Redelmeier, Daniel The amalgamated free product of hyperfinite von Neumann algebras over finite dimensional subalgebras., **Houston J. Math.** **39 no. 4**, (2013), pag. 1313–1331.
Citează: 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.
254. Adrian Ioana, Classification and rigidity for von Neumann algebras **European Congress of Mathematics, EMS** (2013), pag. 601– 625
Citează: Florin Rădulescu, *The Fundamental Group of the Von Neumann Algebra of a Free Group with Infinitely Many Generators is $\mathbb{R}_+ \setminus \{0\}$* , **Journal of the American Mathematical Society, vol 5, nr 2** (1992), pag. 517 – 532
255. K. Dykema, K Mukherjee, Measure-multiplicity of the Laplacian masa, **Glasgow Math. J.** **55** (2013), pp 285–292
Citează: Florin Rădulescu, *Singularity of the radial subalgebra of $L(F_N)$ and the Puknszky invariant*, **Pacific J. Math.** **151** , no. **2** (1991), pag. 297–306.
256. Claire Anantharaman-Delaroche, The Haagerup Property for Discrete Measured Groupoids, **Operator Algebra and Dynamics Springer Proceedings in Mathematics & Statistics Volume 58** (2013), pp 1-30
Citează: Popa, Sorin, Florin Rădulescu, *Derivations of von Neumann algebras into the compact ideal space of a semifinite algebra.*, **Duke Math. J.** **57(2)**, (1988), pag. 485-518.
257. Karl-Hermann Neeb, Holomorphic Realization of Unitary Representations of Banach-Lie Groups, **Lie Groups: Structure, Actions, and Representations Progress in Mathematics Volume 30** (2013), pp 185-223
Citează: Florin Rădulescu, *Spectral properties of generalized multipliers.*, **J. Oper. Theory** **14:2** (1985), 27–289.
258. N. Gașitoi, The Levi problem in the blow-up along a linear subspace, **Math. Rep.** **15** (2013), pag. 31–35
Citează: M. Colțoiu, C. Joița, *The Levi problem in the blow-up*, **Osaka J. Math.** **47** (2010), pag. 943–947.

1.1 Autocitari

1. C. Cobeli, A. Zaharescu, Promenade around Pascal Triangle-Number Motives, **Bull. Math. Soc. Sci. Math. Roumanie, Tome 56(104), no. 1** (2013), pag. 73–98
Citeaza: C. Cobeli, M. Vâjâitu, A. Zaharescu, *The sequence $n! \pmod{p}$* , **J. Ramanujan Math. Soc.** **15** (2000), pag. 135 – 154
2. S. Cappell, L. Maxim, T. Ohmoto, J. Schürmann, S. Yokura, Characteristic classes of Hilbert schemes of points via symmetric products, **Geom. Topol.** **17** (2013), pag. 1165 – 1198
Citeaza: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, *Characteristic classes of complex hypersurfaces*, **Adv. Math.** **225** (2010), pag. 2616 – 2647.
3. L. Maxim, J. Schürmann, Characteristic classes of singular toric varieties, **Electron. Res. Announc. Math. Sci.** **20** (2013), pag. 109 – 120
Citeaza: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, *Equivariant characteristic classes of singular complex algebraic varieties*, **Comm. Pure Appl. Math.** **65** (2012), pag. 1722 – 1769.
4. Ş. Papadima, A. Suciuc, Non-abelian resonance: product and coproduct formulas, **arXiv:1312.1828** (2013)
Citează: Daniela Anca Măcinic, Ştefan Papadima, Clement Radu Popescu, Alexander I. Suciuc, *Flat connections and resonance varieties: from rank one to higher ranks*, **arXiv:1312.1439** (2013)
5. T. Albu, *From Galois and Kummer Theory to a gentle introduction into Cogalois Theory*, in “**Advances in Mathematics**” - **Invited Contributions to the Seventh Congress of Romanian Mathematicians**, Braşov 2011, edited by L. Beznea, V. Brînzănescu, M. Iosifescu, G. Marinoschi, R. Purice, D. Timotin, Editura Academiei Române, Bucureşti, (2013), pp. 3-19.
Citeaza: **12 autocitari**
6. A.C. Cojocaru, A.M. Shulman, *An average Chebotarev density theorem for generic rank 2 Drinfeld modules with complex multiplication*, *J. Number Theory* **133** (2013), no. 3, 897–914.
Citează: A.C. Cojocaru, M.R. Murty, *Cyclicity of elliptic curves modulo p and elliptic curve analogues of Linnik’s problem*, *Math. Ann.* **330** (2004), no. 3, 601–625.

2 Citări apărute în 2014

1. J.P. Boavida, *Compact periods of Eisenstein series of orthogonal groups of rank one at even primes*, **New York J. Math.** **20** (2014), pag. 153–181,
Citeaza: A. Diaconu, P. Garrett și D. Goldfeld, *Moments for L -functions for $GL_r \times GL_{r-1}$* , **Contributions in Analytic and Algebraic Number Theory. Festschrift for S. J. Patterson**, **Springer Proceedings in Math.** **9, 2012**, pag. 197–227.
2. J.P. Boavida, *Compact periods of Eisenstein series of orthogonal groups of rank one at even primes*, **New York J. Math.** **20** (2014), pag. 153–181,

- Citeaza: A. Diaconu și P. Garrett, *Integral moments of automorphic L -functions*, **J. Inst. Math. Jussieu** **8**, no. **2** (2009), pag. 335–382.
3. J.P. Boavida, *Compact periods of Eisenstein series of orthogonal groups of rank one at even primes*, **New York J. Math.** **20** (2014), pag. 153–181,
Citeaza: A. Diaconu și P. Garrett, *Subconvexity bounds for automorphic L -functions*, **J. Inst. Math. Jussieu** **9**, no. **1** (2010), pag. 95–124.
 4. R. Munshi, *The circle method and bounds for L -functions–I*, **Math. Ann.** **358**, no. **1-2** (2014), pag. 389–401,
Citeaza: A. Diaconu și P. Garrett, *Subconvexity bounds for automorphic L -functions*, **J. Inst. Math. Jussieu** **9**, no. **1** (2010), pag. 95–124.
 5. Q. Pi, *On effective determination of cusp forms by L -values, level aspect*, **J. Number Theory** **142** (2014), pag. 305–321,
Citeaza: G. Chinta și A. Diaconu, *Determination of a GL_3 cuspform by twists of central L -values*, **Int. Math. Res. Not.**, no. **48** (2005), pag. 2941–2967.
 6. Q. Sun, *On effective determination of symmetric-square lifts*, **Cent. Eur. J. Math.** **12**, no. **7** (2014), pag. 976–990,
Citeaza: G. Chinta și A. Diaconu, *Determination of a GL_3 cuspform by twists of central L -values*, **Int. Math. Res. Not.**, no. **48** (2005), pag. 2941–2967.
 7. V. Blomer, L. Goldmakher și B. Louvel, *L -functions with n -th-order twists*, **Int. Math. Res. Not. IMRN**, no. **7** (2014), pag. 1925–1955,
Citeaza: A. Diaconu, *Mean square values of Hecke L -series formed with r -th order characters*, **Invent. Math.** **157**, no. **3** (2004), pag. 635–684.
 8. J.C. Andrade și J.P. Keating, *Conjectures for the integral moments and ratios of L -functions over function fields*, **J. Number Theory** **142** (2014), pag. 102–148,
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.
 9. V. Chandee și X. Li, *The eighth moment of Dirichlet L -functions*, **Adv. Math.** **259** (2014), pag. 339–375,
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.
 10. I. Petrow, *Moments of $L'(1/2)$ in the family of quadratic twists*, **Int. Math. Res. Not. IMRN**, no. **6** (2014), pag. 1576–1612,
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.
 11. M.B. Milinovich și C.L. Turnage-Butterbaugh, *Moments of products of automorphic L -functions*, **J. Number Theory** **139** (2014), pag. 175–204,
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.
 12. J Marklof, Kinetic limits of dynamical systems - arXiv preprint arXiv:1408.1307, 2014 - arxiv.org

- Citeaza:* Gologan R., Boca F., *On the distribution of the free path length of the linear flow in a honeycomb*, **Ann. Inst. Fourier**, vol. 59, 2008, pag. 1043–1075
13. Alghamdi, M.A.; Berinde, V.; Shahzad, N.; Fixed points of non-self almost contractions, **Carpathian J. Math.** **30** (2014), pag. 7–14
Citează: T. Zamfirescu, *Fix Point Theorems in Metric Spaces*, **Archiv Math.** **23** (1972), pag. 292–298.
 14. Bashir, Y.; Highly nonconcurrent longest paths and cycles in lattices, **Turkish J. math.** **38** (2014), pag. 375–383
Citează: Bashir, Y.; Zamfirescu, T.; *Lattice graphs with Gallai's property*, **Bull. Math. Soc. Sci. Math. Roum.** **56** (2013), pag. 65–71.
 15. Bashir, Y.; Highly nonconcurrent longest paths and cycles in lattices, **Turkish J. math.** **38** (2014), pag. 375–383
Citează: Menke, B.; Zamfirescu, T.; Zamfirescu, Ch.; *Intersections of longest cycles in grid graphs*, **J. Graph Theory** **25** (1997), pag. 37–52.
 16. Bashir, Y.; Highly nonconcurrent longest paths and cycles in lattices, **Turkish J. math.** **38** (2014), pag. 375–383
Citează: Shabbir, A.; Zamfirescu, T.; *Highly non-concurrent longest cycles in lattice graphs*, **Discrete Math.** **313** (2013), pag. 1908–1914.
 17. Bashir, Y.; Highly nonconcurrent longest paths and cycles in lattices, **Turkish J. math.** **38** (2014), pag. 375–383
Citează: Zamfirescu, T.; *Intersecting longest paths or cycles: a short survey*, **An. Univ. Craiova Ser. Mat. Inform.** **28** (2001), pag. 1–9.
 18. Bashir, Y.; Highly nonconcurrent longest paths and cycles in lattices, **Turkish J. math.** **38** (2014), pag. 375–383
Citează: Zamfirescu, T.; *A two-connected planar graph without concurrent longest paths*, **J. Combin. Theory, Ser. B** **13** (1972), pag. 116–121.
 19. Bashir, Y.; Highly nonconcurrent longest paths and cycles in lattices, **Turkish J. math.** **38** (2014), pag. 375–383
Citează: Zamfirescu, T.; *Longest paths and circuits in graphs*, **Math. Scand.** **38** (1976), pag. 211–239.
 20. Nicoloso, S.; Pietropaoli, U., On the chromatic number of Toeplitz graphs, **Discrete Appl. Math.** **164** (2014), pag. 286–296
Citeaza: van Dal, R.; Tijssen, G.; Tuza, Z.; van der Veen, J.A.A.; Zamfirescu, Ch.; Zamfirescu, T.; *Hamiltonian properties of Toeplitz graphs*, **Discrete Math.** **159** (1996), pag. 69–81
 21. Rautenbach, D.; Sereni, J.S.; Transversals of longest paths and cycles, **SIAM J. Discrete Math.** **28** (2014), pag. 335–341
Citeaza: Shabbir, A.; Zamfirescu, C. T.; Zamfirescu, T. I., *Intersecting longest paths and longest cycles: A survey*, **J. Graph Theory Appl.** **1** (2013), pag. 56–76.

22. Rautenbach, D.; Sereni, J.S.; Transversals of longest paths and cycles, *SIAM J. Discrete Math.* **28** (2014), pag. 335–341
Citeaza: Zamfirescu, T.; *Intersecting longest paths or cycles: a short survey*, **An. Univ. Craiova Ser. Mat. Inform.** **28** (2001), pag. 1–9.
23. Rautenbach, D.; Sereni, J.S.; Transversals of longest paths and cycles, *SIAM J. Discrete Math.* **28** (2014), pag. 335–341
Citeaza: Zamfirescu, T.: *Longest paths and circuits in graphs*, **Math. Scand.** **38** (1976), pag. 211–239
24. Löwenstein, C.; Rautenbach, D.; Sotak, R.: On Hamiltonian Paths and Cycles in Sufficiently Large Distance Graphs, **Discrete Math. Theoret. Comput. Sci.** **16** (2014), pag. 7–30
Citeaza: van Dal, R.; Tijssen, G.; Tuza, Z.; van der Veen, J.A.A.; Zamfirescu, Ch.; Zamfirescu, T.; *Hamiltonian properties of Toeplitz graphs*, **Discrete Math.** **159** (1996), pag. 69–81
25. A. Huang, R. Temam: *The nonlinear 2D subcritical inviscid shallow water equations with periodicity in one direction*, **Commun. Pure Appl. Anal.** **13** (2014), 2005–2038.
Citeaza: M. Petcu, Madalina, R. Temam: *The one-dimensional shallow water equations with transparent boundary conditions*, **Math. Methods Appl. Sci.** **36**, no. **15** (2013), pag. 1979–1984
26. A. Bousquet, A. Huang: *Finite volume approximation of the linearized shallow water equations in hyperbolic mode*, **Int. J. Numer. Anal. Model.** **11**(2014), 816–840.
Citeaza: M. Petcu, Madalina, R. Temam: *The one-dimensional shallow water equations with transparent boundary conditions*, **Math. Methods Appl. Sci.** **36**, no. **15** (2013), pag. 1979–1984
27. I. Chueshov: *A squeezing property and its applications to a description of long-time behaviour in the three-dimensional viscous primitive equations*, **Proc. Roy. Soc. Edinburgh Sect. A** **144**, no. **4** (2014), 711–729
Citeaza: M. Petcu: *Exponential decay of the power spectrum and finite dimensionality for solutions of the three dimensional primitive equations*, **Numer. Math.** **120**, no. **1** (2012), pag. 89–116
28. A. Huang, R. Temam: *The nonlinear 2D subcritical inviscid shallow water equations with periodicity in one direction*, **Commun. Pure Appl. Anal.** **13**, no. **5** (2014), 2005–2038
Citeaza: A. Huang, M. Petcu, R. Temam: *The one-dimensional supercritical shallow water equations with topography*, **Ann. Univ. Buchar. Math. Ser.** **2(LX)**, no. **1** (2011), 63–82
29. A. Bousquet, A. Huang: *Finite volume approximation of the linearized shallow water equations in hyperbolic mode*, **Int. J. Numer. Anal. Model.** **11**(2014), 816–840.
Citeaza: A. Huang, M. Petcu, R. Temam: *The one-dimensional supercritical shallow water equations with topography*, **Ann. Univ. Buchar. Math. Ser.** **2(LX)**, no. **1** (2011), 63–82

30. A. Huang, R. Temam: *The linearized 2D inviscid shallow water equations in a rectangle: boundary conditions and well-posedness*, **Arch. Ration. Mech. Anal.** **211**, no. **3**(2014), 1027–1063
Citeaza: A. Huang, M. Petcu, R. Temam: *The one-dimensional supercritical shallow water equations with topography*, **Ann. Univ. Buchar. Math. Ser.** **2(LX)**, no. **1** (2011), 63–82
31. Y. Hong, C. Y. Jung, R. Temam: *On the numerical approximations of stiff convection-diffusion equations in a circle*, **Numer. Math.** **127**(2014), 291–313
Citeaza: C.Y. Jung, M. Petcu, R. Temam: *Singular perturbation analysis on a homogeneous ocean circulation model*, **Anal. Appl. (Singap.)** **9**, no. **3** (2011), 275–313
32. C. Y. Jung, R. Temam: *Singularly perturbed problems with a turning point: the non-compatible case*, **Anal. Appl. (Singap.)** **12** (2014), 293–321
Citeaza: C.Y. Jung, M. Petcu, R. Temam: *Singular perturbation analysis on a homogeneous ocean circulation model*, **Anal. Appl. (Singap.)** **9**, no. **3** (2011), 275–313
33. L. Cherfils, A. Miranville, S. Zelik: *On a generalized Cahn-Hilliard equation with biological applications*, **Discrete Contin. Dyn. Syst. Ser. B** **19**, no. **7**(2014), 2013–2026
Citeaza: L. Cherfils, M. Petcu, M. Pierre: *A numerical analysis of the Cahn-Hilliard equation with dynamic boundary conditions*, **Discrete Contin. Dyn. Syst.** **27**, no. **4** (2010), 1511–1533
34. C. Y. Jung, R. Temam: *A diffuse interface model for electrowetting with moving contact lines*, **Math. Models Methods Appl. Sci.** **24**, no. **1**(2014), 67–111
Citeaza: L. Cherfils, M. Petcu, M. Pierre: *A numerical analysis of the Cahn-Hilliard equation with dynamic boundary conditions*, **Discrete Contin. Dyn. Syst.** **27**, no. **4** (2010), 1511–1533
35. C. Cao, J. Li, E. Titi: *Local and global well-posedness of strong solutions to the 3D primitive equations with vertical eddy diffusivity*, **Arch. Ration. Mech. Anal.**, **214**, No. **1** (2014), 35–76
Citeaza: M. Petcu, R. Temam, M. Ziane: *Some mathematical problems in geophysical fluid dynamics*, **Handb. Numer. Anal.**, **14**, Elsevier/North-Holland, Amsterdam (2009)
36. I. Chueshov: *A squeezing property and its applications to a description of long-time behaviour in the three-dimensional viscous primitive equations*, **Proc. Roy. Soc. Edinburgh Sect. A** **144**, no. **4** (2014), 711–729
Citeaza: M. Petcu, R. Temam, M. Ziane: *Some mathematical problems in geophysical fluid dynamics*, **Handb. Numer. Anal.**, **14**, Elsevier/North-Holland, Amsterdam (2009)
37. A. Bousquet, M. Coti Zelati, R. Temam: *Phase transition models in atmospheric dynamics*, **Milan J. Math.** **82**, no. **1** (2014), 99–128
Citeaza: M. Petcu, R. Temam, M. Ziane: *Some mathematical problems in geophysical fluid dynamics*, **Handb. Numer. Anal.**, **14**, Elsevier/North-Holland, Amsterdam (2009)

38. I. Kukavica, Y. Pei, W. Rusin, M. Ziane: *Primitive equations with continuous initial data*, **Nonlinearity** **27**, no. 6 (2014), 1135–1155
Citeaza: M. Petcu, R. Temam, M. Ziane: *Some mathematical problems in geophysical fluid dynamics*, **Handb. Numer. Anal.**, **14**, Elsevier/North-Holland, Amsterdam (2009)
39. I. Chueshov: *A squeezing property and its applications to a description of long-time behaviour in the three-dimensional viscous primitive equations*, **Proc. Roy. Soc. Edinburgh Sect. A** **144**, no. 4 (2014), 711–729
Citeaza: M. Petcu: *On the three-dimensional primitive equations*, **Adv. Differential Equations** **11**, no. 11 (2006), 1201–1226
40. Y. He, J. Wu: *Global H^2 -regularity results of the 3D primitive equations of the ocean*, **Int. J. Numer. Anal. Model.** **11**, no. 3 (2014), 452–477
Citeaza: M. Petcu: *On the three-dimensional primitive equations*, **Adv. Differential Equations** **11**, no. 11 (2006), 1201–1226
41. T. Haut, B. Wingate: *An asymptotic parallel-in-time method for highly oscillatory PDEs*, **SIAM J. Sci. Comput.** **36**, no. 2 (2014), A693–A713
Citeaza: M. Petcu, R. Temam, D. Wirosoetisno: *Renormalization group method applied to the primitive equations*, **J. Differential Equations** **208**, no. 1 (2005), 215–257
42. I. Kukavica, Y. Pei, W. Rusin, M. Ziane: *Primitive equations with continuous initial data*, **Nonlinearity** **27**, no. 6 (2014), 1135–1155
Citeaza: M. Petcu: *Gevrey class regularity for the primitive equations in space dimension 2*, **Asymptot. Anal.** **39**, no. 1 (2004), 1–13
43. M. Roychowdhury, Quantization dimension estimate of probability measures on hyperbolic recurrent sets, **Dynamical Systems -An International Journal**, vol. 29 (2014), pag. 225 – 238
Citeaza: E. Mihailescu and M. Urbański, *Hausdorff dimension of the limit set of conformal iterated function systems with overlaps*, **Proceedings American Mathematical Society** (2011), pag. 2767 – 2775.
44. X. Wu, X. Wang and G. Chen, F-mixing property and (F-1, F-2)-everywhere chaos of inverse limit dynamical systems, **Nonlinear Analysis—Theory, Methods and Applications**, vol. 104, 2014, 147–155
Citeaza: E. Mihailescu, *Unstable manifolds and Hölder structures associated with non-invertible maps*, **Discrete and Continuous Dynamical Systems**, vol. 14, 419-446, 2006.
45. X. Wu, X. Wang and G. Chen, F-mixing property and (F-1, F-2)-everywhere chaos of inverse limit dynamical systems, **Nonlinear Analysis—Theory, Methods and Applications**, vol. 104, 2014, 147–155
Citeaza: E. Mihailescu, *Inverse limits and statistical properties for chaotic implicitly defined economic models*, **J. Mathematical Analysis and Applications**, vol. 394, 517-528, 2012.
46. E. Mihailescu and M. Roychowdhury, Quantization coefficients in infinite systems, acceptat la **Kyoto Journal of Mathematics**, 2014

- Citeaza:* E. Mihailescu and M. Urbański, *Hausdorff dimension of the limit set of countable conformal iterated function systems with overlaps*, **Contemporary Mathematics**, vol 600, 2013, 273-289.
47. E. Mihailescu and M. Roychowdury, Quantization coefficients in infinite systems, acceptat la **Kyoto Journal of Mathematics**, 2014
Citeaza: E. Mihailescu and M. Urbański, *Hausdorff dimension of the limit set of conformal iterated function systems with overlaps*, **Proceed. Amer. Math. Soc.**, vol 139, no 8, 2011, 2767-2775.
48. Kamal Bahmanpour, Reza Naghipour, Monireh Sedghi, Cofiniteness with Respect to Ideals of Small Dimensions, **Algebras and Representation Theory**, published on line, 23.08.2014.
Citeaza: G. Chiriacescu, *Cofiniteness of local cohomology modules over regular local rings*, **Bull. London Math. Soc.**, 32, (2000), pag. 1-7.
49. Hero Saremi, Amir Mafi, On the Finiteness Dimension of Local Cohomology Modules, **Algebra Colloquium**, 21, (3), (2014) pg. 517 - 520.
Citeaza: G. Chiriacescu, *Cofiniteness of local cohomology modules over regular local rings*, **Bull. London Math. Soc.**, 32, (2000), pag. 1-7.
50. Nemat Abazari, Kamal Bahmanpour, A Note on the Artinian Cofinite Modules, **Communications in Algebra**, 42,(3), (2014), pag. 1270 - 1275.
Citeaza: G. Chiriacescu, *Cofiniteness of local cohomology modules over regular local rings*, **Bull. London Math. Soc.**, 32, (2000), pag. 1-7.
51. Desrosiers, Patrick; Liu, Dang-Zheng, Asymptotics for products of characteristic polynomials in classical β -ensembles, **Constr. Approx.** 39 (2014), no. 2, pag. 273–322
Citeaza: R. Killip, I. Nenciu, *Matrix models for beta ensembles*, **Int. Math. Res. Not.** 50 (2004), pag. 2665– 2701.
52. Ariznabarreta, Gerardo; Mañas, Manuel, Matrix orthogonal Laurent polynomials on the unit circle and Toda type integrable systems, **Adv. Math.** 264 (2014), 396–463
Citeaza: R. Killip, I. Nenciu, *CMV: the unitary analogue of Jacobi matrices*, **Comm. Pure Appl. Math.** 60 (2007), pag. 1148–1188.
53. Ariznabarreta, Gerardo; Mañas, Manuel, Matrix orthogonal Laurent polynomials on the unit circle and Toda type integrable systems, **Adv. Math.** 264 (2014), 396–463
Citeaza: I. Nenciu, *Lax pairs for the Ablowitz-Ladik system via orthogonal polynomials on the unit circle*, **Int. Math. Rec. Not.** 11 (2005), pag. 647–686.
54. Milatovic, Ognjen; Truc, Fran coise, Self-adjoint extensions of discrete magnetic Schrödinger operators, **Ann. Henri Poincaré** 15 (2014), no. 5, 917–936
Citeaza: Nenciu, Gheorghe, Nenciu, Irina, *On confining potentials and essential self-adjointness for Schrödinger operators on bounded domains in \mathbb{R}^n* , **Ann. Henri Poincaré** 10 (2009), 377–394.
55. Geng, Xianguo; Zhai, Yunyun; Dai, H. H., Algebro-geometric solutions of the coupled modified Korteweg-de Vries hierarchy. **Adv. Math.** 263 (2014), 123–153
Citeaza: Li, Luen-Chau; Nenciu, Irina, *The periodic defocusing Ablowitz-Ladik equation and the geometry of Floquet CMV matrices* **Adv. Math.** 231 (2012), no. 6, 3330–3388.

56. Florin F. Nichita: *On Jordan (Co)Algebras*, <http://arxiv.org/abs/1312.7686>; Dec 30, 2013, 10 pagini.
Citeaza: Radu Iordanescu, *Jordan structures in geometry and physics with an Appendix on Jordan structures in analysis*, **Romanian Academy Press** (2003).
57. Florin F. Nichita: *On Jordan (Co)Algebras*, <http://arxiv.org/abs/1312.7686>; Dec 30, 2013, 10 pagini.
Citeaza: Radu Iordanescu, *Jordan structures in mathematics and physics*, <http://arxiv.org/abs/1106.4415>.
58. Isar Goyvaerts, Joost Vercauteren, Lie monads and dualities, **Journal of Algebra** **414** (2014), pag. 120-158
Citeaza: Florin F. Nichita, *Self-Inverse Yang-Baxter Operators from (Co)Algebra Structures*, **Journal of Algebra** **218** (1999), 738-759.
59. R. Iordanescu, "The associativity in present mathematics and present physics", INTER-DISCIPLINARY WORKSHOP DEVOTED TO MORPHOGENESIS; prelegere; va apare
Citeaza: Florin F. Nichita, *On Jordan (co)algebras*, <http://arxiv.org/abs/1312.7686>; **Revue Roumaine de Mathematiques Pures et Appliquees** **59(4)** (2014), pag. 401-409.
60. R. Iordanescu, "The associativity in present mathematics and present physics", INTER-DISCIPLINARY WORKSHOP DEVOTED TO MORPHOGENESIS; prelegere; va apare
Citeaza: Florin F. Nichita, *Lie algebras and Yang-Baxter equations*, **Bulletin of the Transilvania University of Brasov, Series III: Mathematics, Informatics, Physics, Vol. 5 (54)** (2012), pag. 195-208.
61. V. Lebed, Braided Systems: a Unified Treatmeant of Algebraic Structures with Several Operations, **hal-00820327, version 2 - 29 Mar 2014**.
Citeaza: Brzezinski, T., Nichita, F., *Yang-Baxter systems and entwining structures*, **Comm. Algebra** **33** (2005), pag. 1083 – 1093.
62. V. Lebed, Braided Systems: a Unified Treatmeant of Algebraic Structures with Several Operations, **hal-00820327, version 2 - 29 Mar 2014**.
Citeaza: Florin F. Nichita, *Self-Inverse Yang-Baxter Operators from (Co)Algebra Structures*, **Journal of Algebra** **218** (1999), 738-759.
63. V. Lebed, Braided Systems: a Unified Treatmeant of Algebraic Structures with Several Operations, **hal-00820327, version 2 - 29 Mar 2014**.
Citeaza: Florin F. Nichita, *New solutions for Yang-Baxter systems*, **Acta Universitatis Apulensis, No. 11** (2006), 189-195.
64. G. Martin, P. Pollack, E. Smith, *Averages of the number of points on elliptic curves*, *Algebra Number Theory* **8**, 2014, no. 4, 813–836.
Citează: A. Balog, A.C. Cojocaru, C. David, *Average twin prime conjecture for elliptic curves*, *Amer. J. Math.* **133**, 2011, no. 5, 1179–1229.
65. C. David, E. Smith, *A Cohen-Lenstra phenomenon for elliptic curves*, *J. London Math. Soc.* (2) **89**, 2014, no. 1, 24–44.
Citează: A. Balog, A.C. Cojocaru, C. David, *Average twin prime conjecture for elliptic curves*, *Amer. J. Math.* **133**, 2011, no. 5, 1179–1229.

66. F. Luca, I.E. Shparlinski, *On the counting function of elliptic Carmichael numbers*, Canad. Math. Bull. 57, 2014, no. 1, 105–112.
Citează: A.C. Cojocaru, F. Luca, I.E. Shparlinski, *Pseudoprime reductions of elliptic curves*, Math. Proc. Cambridge Philos. Soc. 146, 2009, no. 3, 513–522.
67. H. Gopalakrishna Gadiyar, Ramanathan Padma, *Ramanujan-Fourier series and the conjecture D of Hardy and Littlewood*, Czechoslovak Math. J. 64(139), 2014, no. 1, 251–267.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
68. A. Ledoan, A. Roy, A. Zaharescu, *Zeros of partial sums of the Dedekind zeta function of a cyclotomic field*, J. Number Theory 136, 2014, 118–133.
Citează: A.C. Cojocaru, M.R. Murty, *An introduction to sieve methods and their applications*, London Mathematical Society Student Texts, 66. Cambridge University Press, Cambridge, 2006. xii+224 pp.
69. S. Anni, *A local-global principle for isogenies of prime degree over number fields*, J. Lond. Math. Soc. (2) 89 (2014), no. 3, 745–761.
Citează: A.C. Cojocaru, C. Hall, *Uniform results for Serre’s theorem for elliptic curves*, Int. Math. Res. Not. 2005, no. 50, 3065–3080.
70. F. Luca, I.E. Shparlinski, *On the counting function of elliptic Carmichael numbers*, Canad. Math. Bull. 57 (2014), no. 1, 105–112.
Citează: A.C. Cojocaru, E. Fouvry, M.R. Murty, *The square sieve and the Lang-Trotter conjecture*, Canad. J. Math. 57 (2005), no. 6, 1155–1177
71. H. Moon, *On the invariant $M(A/K, n)$ of Chen-Kuan for Galois representations*, Proc. Japan Acad. Ser. A Math. Sci. 90 (2014), no. 7, 98–100.
Citează: A.C. Cojocaru, *On the surjectivity of the Galois representations associated to non-CM elliptic curves*, with an appendix by Ernst Kani, Canad. Math. Bull. 48 (2005), no. 1, 16–31.
72. N. Billerey, L. Dieulefait, *Explicit large image theorems for modular forms*, J. Lond. Math. Soc. (2) 89 (2014), no. 2, 499–523.
Citează: A.C. Cojocaru, *On the surjectivity of the Galois representations associated to non-CM elliptic curves*, with an appendix by Ernst Kani, Canad. Math. Bull. 48 (2005), no. 1, 16–31.
73. E. Larson, D. Vaintrob, *On the surjectivity of Galois representations associated to elliptic curves over number fields*, Bull. Lond. Math. Soc. 46 (2014), no. 1, 197–209.
Citează: A.C. Cojocaru, *On the surjectivity of the Galois representations associated to non-CM elliptic curves*, with an appendix by Ernst Kani, Canad. Math. Bull. 48 (2005), no. 1, 16–31.
74. S. Kim, *Average behaviors of invariant factors in Mordell-Weil groups of CM elliptic curves modulo p* , Finite Fields Appl. 30 (2014), 178–190.
Citează: A.C. Cojocaru, M.R. Murty, *Cyclicity of elliptic curves modulo p and elliptic curve analogues of Linnik’s problem*, Math. Ann. 330 (2004), no. 3, 601–625.

75. T. Freiberg, P. Kurlberg, *On the average exponent of elliptic curves modulo p* , Int. Math. Res. Not. IMRN 2014, no. 8, 2265–2293.
Citează: A.C. Cojocaru, M.R. Murty, *Cyclicity of elliptic curves modulo p and elliptic curve analogues of Linnik’s problem*, Math. Ann. 330 (2004), no. 3, 601–625.
76. J. Wu, *The average exponent of elliptic curves modulo p* , J. Number Theory 135 (2014), 28–35.
Citează: A.C. Cojocaru, M.R. Murty, *Cyclicity of elliptic curves modulo p and elliptic curve analogues of Linnik’s problem*, Math. Ann. 330 (2004), no. 3, 601–625.
77. T. Freiberg, P. Kurlberg, *On the average exponent of elliptic curves modulo p* , Int. Math. Res. Not. IMRN 2014, no. 8, 2265–2293.
Citează: A.C. Cojocaru, *Questions about the reductions modulo primes of an elliptic curve*, Number theory, 61–79, CRM Proc. Lecture Notes, 36, Amer. Math. Soc., Providence, RI, 2004
78. T. Freiberg, P. Kurlberg, *On the average exponent of elliptic curves modulo p* , Int. Math. Res. Not. IMRN 2014, no. 8, 2265–2293.
Citează: A.C. Cojocaru, *Cyclicity of CM elliptic curves modulo p* , Trans. Amer. Math. Soc. 355 (2003), no. 7, 2651–2662
79. J. Wu, *The average exponent of elliptic curves modulo p* , J. Number Theory 135 (2014), 28–35.
Citează: A.C. Cojocaru, *Cyclicity of CM elliptic curves modulo p* , Trans. Amer. Math. Soc. 355 (2003), no. 7, 2651–2662
80. S Popa; Independence properties in subalgebras of ultraproduct II_1 factors; **Journal of Functional Analysis** Vol 266(2014), no. 9, pages 5818–5846.
Citeaza: L Paunescu; *On Sofic Actions and Equivalence Relations*, **Journal of Functional Analysis** Volume 261, Issue 9, 1 November 2011, Pages 2461-2485
81. B Hayes; An l^p -version of von Neumann dimension for Banach space representations of sofic groups; **Journal of Functional Analysis** Vol 266, Issue 2, (2014), Pages 989-1040.
Citeaza: L Paunescu; *On Sofic Actions and Equivalence Relations*, **Journal of Functional Analysis** Volume 261, Issue 9, 1 November 2011, Pages 2461-2485
82. K Dykema, D Kerr, M Pichot; Sofic dimension for discrete measured groupoids; **Trans. Amer. Math. Soc** 366(2014),no. 2, Pages 707–748.
Citeaza: L Paunescu; *On Sofic Actions and Equivalence Relations*, **Journal of Functional Analysis** Volume 261, Issue 9, 1 November 2011, Pages 2461-2485
83. B. Berndt, A. Straub, *On a secant Dirichlet series and Eichler integrals of Eisenstein series*, preprint (2014), arXiv:1406.2273 *Citeaza:* F.P. Boca, V. Pasol, A. Popa, A. Zaharescu *Pair correlation of angles between reciprocal geodesics on the modular surface*, **Algebra and Number Theory**, 8 (2014), pag. 713-743
84. F. Brown, *Multiple Modular Values for $SL_2(\mathbb{Z})$* , preprint (2014), arXiv:1407.5167 *Citeaza:* V. Pasol, A. Popa *Modular forms and period polynomials*, **Proc. London Math. Soc.**, 107/4 (2013), pag. 713-743

85. A. Straub, Special values of trigonometric Dirichlet series and Eichler integrals, preprint (2014), arXiv:1407.5119 *Citeaza*: V. Pasol, A. Popa *Modular forms and period polynomials*, **Proc. London Math. Soc.**, **107/4** (2013), pag. 713-743
86. B. Berndt, A. Straub, On a secant Dirichlet series and Eichler integrals of Eisenstein series, preprint (2014), arXiv:1406.2273 *Citeaza*: V. Pasol, A. Popa *Modular forms and period polynomials*, **Proc. London Math. Soc.**, **107/4** (2013), pag. 999-1035
87. J. Herzog, R. Moghimipor, S. Yassemi, Generalized mixed-product ideals, **Arch. Math.** **103** (2014), pag. 39 – 51
Citeaza: C. Ionescu, G. Rinaldo, *Some algebraic invariants of mixed-product ideals*, **Arch. Math.** **91** (2008), pag. 20 – 30
88. M. Davoudian, O.A.S. Karamzadeh, N. Shirali, **Math. Scand.** **114** (2014), pp 26 – 37.
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), pp. 87 – 101.
89. M. Davoudian, O.A.S. Karamzadeh, N. Shirali, **Math. Scand.** **114** (2014), pp 26 – 37.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins-Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), pp. 1111 – 1128.
90. M. Davoudian, O.A.S. Karamzadeh, N. Shirali, **Math. Scand.** **114** (2014), pp 26 – 37.
Citeaza: T. Albu, P.F. Smith, *Dual Krull dimension and duality*, **Rocky Mountain J. Math.** **29** (1999), pp. 1153 – 1165.
91. M. Davoudian, O.A.S. Karamzadeh, N. Shirali, **Math. Scand.** **114** (2014), pp 26 – 37.
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**, (1998), pp. 37 – 54.
92. M. Davoudian, O.A.S. Karamzadeh, N. Shirali, **Math. Scand.** **114** (2014), pp 26 – 37.
Citeaza: T. Albu, M.L. Teply, *Generalized deviation of posets and modular lattices*, **Discrete Math.** **214** (2000), pp. 1 - 19.
93. M. Sanchez-Mirafuentes, G. Villa-Salvador, *Radical extensions for the Carlitz module*, **J. Algebra** **398** (2014), pp. 284 – 302.
Citeaza: T. Albu, “*Cogalois Theory*”, **A Series of Monographs and Textbooks, Vol. 252**, Marcel Dekker, Inc., New York and Basel (2003), 368 pagini.
94. J. Castro Perez, J.R. Montes, *Krull Dimension and Classical Krull Dimension of Modules*, **Comm. Algebra** **42** (2014), pp. 3163-3204.
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.
95. J. Castro Perez, J.R. Montes, *Krull Dimension and Classical Krull Dimension of Modules*, **Comm. Algebra** **42** (2014), pp. 3163-3204.
Citeaza: T. Albu, G. Krause, M.L. Teply, *Bijective relative Gabriel correspondence over rings with torsion theoretic Krull dimension*, **J. Algebra** **243** (2001), pp. 644 – 674.

96. S. Virili, *Model approximations for relative homological algebra*, **arXiv:1401.7432v1** [**math.KT**], 29 Jan 2014.
Citeaza: T. Albu, C. Năstăsescu, *Some aspects of non-Noetherian local cohomology*, **Comm. Algebra** **8** (1980), pp. 1539 – 1560.
97. S. Virili, *Model approximations for relative homological algebra*, **arXiv:1401.7432v1** [**math.KT**], 29 Jan 2014.
Citeaza: T. Albu, C. Năstăsescu, *Local cohomology and torsion theory (I)*, **Rev. Roumaine Math. Pures Appl.** **26** (1981), pp. 3 – 14.
98. S. Virili, *A point-free approach to L -surjectivity and stable finiteness*, **arXiv: 1410.1643v1** [**math.RA**], 7 Oct 2014, 33 pagini.
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), pp. 87 – 101.
99. M.M. AL-Ashker, A.E. Ashour, and A.A. Abu Mallouh, *On Primal Compactly Packed Modules*, **Palestine Journal of Mathematics** **3** (2014), pp. 481 – 488.
Citeaza: T. Albu, P.F. Smith, *Primal, completely irreducible, and primary meet decompositions in modules*, **Bull. Math. Soc. Sci. Math. Roumanie** **54 (102)** (2011), pp. 297 – 311.
100. H. Simmons, *A lattice theoretic analysis of a result due to Hopkins and Levitzki*, Preprint (new version) **The University of Manchester** (2014), 110 pagini.
Citeaza: T. Albu, *Certain Artinian lattices are Noetherian. Applications to the relative Hopkins-Levitzki Theorem*, in “**Methods in Ring Theory**”, edited by F. Van Oystaeyen, D. Reidel Publishing Company (1984), pp. 37 – 52.
101. H. Simmons, *A lattice theoretic analysis of a result due to Hopkins and Levitzki*, Preprint (new version) **The University of Manchester** (2014), 110 pagini.
Citeaza: T. Albu, *F -Semicritical modules, F -primitive ideals and prime ideals*, **Rev. Roumaine Math. Pures Appl.** **31** (1986), pp. 449 – 459.
102. H. Simmons, *A lattice theoretic analysis of a result due to Hopkins and Levitzki*, Preprint (new version) **The University of Manchester** (2014), 110 pagini.
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), pp. 87 – 101.
103. H. Simmons, *A lattice theoretic analysis of a result due to Hopkins and Levitzki*, Preprint (new version) **The University of Manchester** (2014), 110 pagini.
Citeaza: T. Albu, P.F. Smith, *Localization of modular lattices, Krull dimension, and the Hopkins-Levitzki Theorem (II)*, **Comm. Algebra** **25** (1997), pp. 1111 – 1128.
104. Alexeev, V.; Borisov, A., *On the log discrepancies in toric Mori contractions*, **Proc. AMS** **142 (11)** (2014), 3687 – 3694
Citeaza: Ambro F., *The moduli b -divisor of an lc -trivial fibration*, **Comp. Math. Vol** **141 (2)** (2005), pag. 385 – 403

105. Birkar, C.; Hu, Z., Log canonical pairs with good augmented base loci, **Comp. Math.** **150(4)** (2014), 579 – 592
Citeaza: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Comp. Math. Vol 141 (2)** (2005), pag. 385 – 403
106. Floris, E., Inductive Approach to Effective b-Semiampleness, **IMRN** **6** (2014), 1465-1492
Citeaza: Ambro F., *The moduli b-divisor of an lc-trivial fibration*, **Comp. Math. Vol 141 (2)** (2005), pag. 385 – 403
107. Fujino, O.; Gongyo, Y., Log pluricanonical representations and the abundance conjecture, **Comp. Math.** **150(4)** (2012), 593 – 620
Citeaza: Ambro F, *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), pag. 229-255
108. Floris, E., Nefness: Generalization to the lc case, **Comptes Rendues Math.** **352(4)** (2014), 333 – 337
Citeaza: Ambro F, *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), pag. 229-255
109. Hacon, C. D., On the log canonical inversion of adjunction, **Proc. Edinburgh Math. Soc.** **57(1)** (2014), 139 – 143;
Citeaza: Ambro F, *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), pag. 229-255
110. Floris, E., Inductive Approach to Effective b-Semiampleness, **IMRN** **6** (2014), 1465-1492;
Citeaza: Ambro F, *Shokurov's Boundary Property*, **J. Diff. Geom.** **67** (2004), pag. 229-255
111. Kollár, J., Semi-normal log centers and deformations of pairs, **Proc. Edinburgh Math. Soc.** **57(1)** (2014), 191 – 199;
Citeaza: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett. Vol 6 (5-6)** (1999), pag. 573 – 580
112. de Fernex, T.; Docampo, R., Jacobian discrepancies and rational singularities, **J. European Math. Soc** **16(1)** (2014), 165 – 199;
Citeaza: Ambro F., *On minimal log discrepancies*, **Math. Res. Lett. Vol 6 (5-6)** (1999), pag. 573 – 580
113. Kollár, J., Semi-normal log centers and deformations of pairs, **Proc. Edinburgh Math. Soc.** **57(1)** (2014), 191 – 199;
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math. Vol 240 (1)** (2003), pag. 214 – 233
114. Fujita, K., Simple normal crossing Fano varieties and log Fano manifolds, **Nagoya Math. J.** **214** (2014), 95 – 123;
Citeaza: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math. Vol 240 (1)** (2003), pag. 214 – 233
115. Cacciola, S., On the semi ampleness of the positive part of CKM Zariski decompositions, **Math. Proc. Cambridge Philosoph. Soc.** **156** (2014), 1 – 23;

- Citeaza*: Ambro F., *Quasi-log varieties*, **Proc. Steklov Inst. Math.** Vol 240 (1) (2003), pag. 214 – 233
116. Cheltsov, I.; Shramov, C., Weakly-exceptional singularities in higher dimensions, **Crelles Journal** 689 (2014), 201–241;
Citeaza: Ambro F., *Ladders on Fano varieties*, **J. Math. Sci. (New York)** Vol 94 (1) (1999), pag. 1126 – 1135
117. Fukuma, Y., Effective non-vanishing of global sections of multiple adjoint bundles for quasi-polarized n -folds, **J. Algebra and Applications** 13(7) (2014), 24 pagini
Citeaza: Ambro F., *Ladders on Fano varieties*, **J. Math. Sci. (New York)** Vol 94 (1) (1999), pag. 1126 – 1135
118. Floris, E., Nefness: Generalization to the lc case, **Comptes Rendues Math.** 352(4) (2014), 333 – 337
Citeaza: Ambro F., *The Adjunction Conjecture and its applications*, PhD Thesis, The Johns Hopkins University (1999)
119. Floris, E., Inductive Approach to Effective b-Semiampleness, **IMRN** 6 (2014), 1465-1492
Citeaza: Ambro F., *The Adjunction Conjecture and its applications*, PhD Thesis, The Johns Hopkins University (1999)
120. Kollár, J., Semi-normal log centers and deformations of pairs, **Proc. Edinburgh Math. Soc.** 57(1) (2014), 191 – 199
Citeaza: Ambro F., *Basic properties of log canonical centers*, **Classification of algebraic varieties**, EMS Ser. Congr. Rep. (2011), pag. 39 – 48
121. Hsiao, J.-C.; Schwede, K.; Zhang, W., Cartier modules on toric varieties, **Trans. AMS** 366 (2014), 1773 – 1795; FI=1.095
Citeaza: Ambro F., *Basic properties of log canonical centers*, **Classification of algebraic varieties**, EMS Ser. Congr. Rep. (2011), pag. 39 – 48
122. Cacciola, S., On the semi ampleness of the positive part of CKM Zariski decompositions, **Math. Proc. Cambridge Philosoph. Soc.** 156 (2014), 1 – 23;
Citeaza: Ambro F., *A semiample criterion*, **J. Math. Sci. Univ. Tokyo**, 12(3) (2005), pag. 445 – 466
123. D.A. Indeitsev, D.Y. Skubov, L.V. Shtukin, D.S. Vavilov, Unstable Constitutive Law in Continuum Mechanics, **International Journal of Mechanics** 8, (2014) 190 – 194;
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.
124. A.E. Tzavaras, Stress relaxation models with polyconvex entropy in Lagrangean and Eulerian coordinates, **arXiv preprint arXiv:1402.4206**, 2014 - arxiv.org (2014) 1 – 21;
Citeaza: C. Făciu, M. Mihăilescu-Suliciu, *The energy in one-dimensional rate-type semi-linear viscoelasticity*, **International Journal of Solids and Structures** 11 (1987) pag. 1505 – 1520.

125. A. Bertram, S. Forest, The thermodynamics of gradient elastoplasticity, **Continuum Mechanics and Thermodynamics** **26** (2014), pag. 269 – 286;
Citeaza: C. Făciu and A. Molinari, A non-local rate-type viscoplastic approach to patterning of deformation, Acta Mechanica **126** (1998) pag. 71 – 99.
126. D.A. Indeitsev, D.Y. Skubov, D.S. Vavilov, Problems of describing phase transitions in solids, in **Mechanics and Model-Based Control of Advanced Engineering Systems**, Alexander K. Belyaev, Hans Irschik, Michael Krommer, (Eds.), Springer, ISBN 978-3-7091-1571-8, (2014) pag. 181 – 188.
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.
127. J. Bastien, Study of a driver and braked wheel using maximal monotone differential inclusions: applications to the nonlinear dynamics of wheeled vehicles, **Archive of Applied Mechanics, Springer** (2014), DOI: 10.1007/s 00419-014-0837-y.
Citeaza: A. Capatina, M. Cocou, M. Raous, A class of implicit variational inequalities and applications to frictional contact, Mathematical Methods in Applied Science **14** (2009), pag. 1804 - 1827
128. L. Sheng, M. Gao, W. Zhang, B.S. Chen, Infinite horizon H_∞ control for nonlinear stochastic Markov jump systems with (x, u, v) -dependent noise via fuzzy approach, **Fuzzy Sets and Systems**, (2014), DOI: 10.1016/j.fss.2014.10.015
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
129. W. Zhang, W.X. Zheng, L. Sheng, Exact detectability of linear discrete-time time-varying stochastic systems, **33rd Chinese Control Conference (CCC)**, (2014), pag. 9048–9053
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
130. R.X. Zhong, A. Sumalee, T.L. Pan, Optimal and robust strategies for freeway traffic management under demand and supply uncertainties: an overview and general theory, **Transportmetrica A: Transport Science**, **10,10**, (2014), pag. 849–877
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
131. L. Sheng, M. Zhu, W. Zhang, Y. Wang, Nonlinear Stochastic Control with Markov Jumps and-Dependent Noise: Finite and Infinite Horizon Cases, **Mathematical Problems in Engineering**, **2014**, (2014), Article ID 948134, <http://dx.doi.org/10.1155/2014/948134>
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
132. Y. Li, M. Zhong, Fault Detection for a Class of Uncertain Linear Discrete-time Systems with Intermittent Measurements and Probabilistic Actuator Failures, **Proceedings of the 19th World Congress of the International Federation of Automatic Control, Cape Town, South Africa, August 24-29**, (2014), pag.8000–8005
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).

133. B. de Saporta, E.F. Costa, Approximate Kalman-Bucy filter for continuous-time semi-Markov jump linear systems, **Mathematics - Optimization and Control**, arXiv:1409.2631 [math.OC], (2014)
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
134. J. Zheng, L. Qiu, On the Existence of a Mean-Square Stabilizing Solution to a Modified Algebraic Riccati Equation, **Proceedings of the 19th World Congress of the International Federation of Automatic Control, Cape Town, South Africa, August 24-29**, (2014), pag. 6988–6993
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
135. M. Gao, C. Fu, W. Zhang, Algorithms to Solve Stochastic Control with State-Dependent Noise, **Mathematical Problems in Engineering**, 2014 (2014), Article ID 205967, <http://dx.doi.org/10.1155/2014/205967>
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
136. H. Mukaidani, R. Tanabata, C. Matsumoto, Dynamic Game Approach of H_2/H_∞ Control for Stochastic Discrete-Time Systems, **IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences, Vol.E97-A, 11**, (2014), pag. 2200–2211
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, Mathematical methods in robust control of discrete-time linear stochastic systems, Springer, New York (2010).
137. H. Ahsani Tehrani, Localization of eigenvalues in small specified regions of complex plane by state feedback matrix, **Journal of Sciences, Islamic Republic of Iran, 7, 25**, (2014), pag. 157–164
Citeaza: V. Dragan, A. Halanay, Stabilization of Linear Systems, Birkhauser Boston (1999), ISBN: 978-1-4612-7197-0.
138. H.R. Henriquez, A. Prokopczyk, Controllability and stabilizability of linear time-varying distributed hereditary control systems, **Mathematical Methods in the Applied Sciences**, (2014), DOI: 10.1002/mma.3219
Citeaza: V. Dragan, A. Halanay, Stabilization of Linear Systems, Birkhauser Boston (1999), ISBN: 978-1-4612-7197-0.
139. S. Peng, S. Wang, Mean-square impulsive exponential stabilization of a class of stochastic system with time delay, **33rd Chinese Control Conference (CCC)**, (2014), 5328–5334
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, H^2 Optimal control for linear stochastic systems, Automatica 40 (2004), pag. 1103 – 1113.
140. Y. Zhang, R. Li, D. Li, Y. Hu, X. Huo, Stabilization of the stochastic jump diffusion systems by state-feedback control, **Journal of the Franklin Institute**, 351, 3, (2014), pag.1596–1614
Citeaza: V. Dragan, T. Morozan, A.M. Stoica, H^2 Optimal control for linear stochastic systems, Automatica 40 (2004), pag. 1103 – 1113.

141. I. Bashkirtseva, Mean-square analysis of stochastic cycles in nonlinear discrete-time systems with parametric noise, **Journal of Difference Equations and Applications**, **20**, **8**, (2014), pag. 1178–1189
Citeaza: V. Dragan, T. Morozan, *Mean Square Exponential Stability for some Stochastic Linear Discrete Time Systems*, **European Journal of Control** **12** (2006), pag. 373 – 395.
142. A. Barbata, M. Zasadzinski, H.S. Ali, Observer-based bang-bang control for a class of nonlinear stochastic systems, **Proceedings of the 19th World Congress of the International Federation of Automatic Control, Cape Town, South Africa, August 24-29**, (2014), pag. 3696-3701
Citeaza: Vasile Dragan, Aristide Halanay, Adrian Stoica, *A small gain theorem for linear stochastic systems*, **Systems and Control Letters** **30** (1997), pag. 243 – 251.
143. A. Barbata, M. Zasadzinski, H.S. Ali, H. Messaoud, Observer design for a class of singular stochastic nonlinear systems, **European Control Conference (ECC)**, (2014), pag. 294–299
Citeaza: Vasile Dragan, Aristide Halanay, Adrian Stoica, *A small gain theorem for linear stochastic systems*, **Systems and Control Letters** **30** (1997), pag. 243 – 251.
144. Y. Subasi, M. Demirekler, Quantitative measure of observability for linear stochastic systems, **Automatica**, **50**,**6**, (2014), pag.1669–1674
Citeaza: Vasile Dragan and Toader Morozan, *Observability and detectability of a class of discrete-time stochastic linear systems*, **IMA Journal of Maths. Control and Information** **23** (2006), pag. 371 – 394.
145. W. Liu, F. Deng, X. Yan, Y. Zhao, The detectability of discrete-time stochastic linear systems with Markovian jump and multiplicative noises, **The 26th Chinese Control and Decision Conference**, (2014), pag. 1755–1758
Citeaza: Vasile Dragan and Toader Morozan, *Observability and detectability of a class of discrete-time stochastic linear systems*, **IMA Journal of Maths. Control and Information** **23** (2006), pag. 371 – 394.
146. H. Ma, Y. Jia, Input-output finite-time mean square stabilisation of stochastic systems with Markovian jump, **International Journal of Systems Science**, **45**, **3**, (2014), pag. 325–336
Citeaza: Vasile Dragan and Toader Morozan, *Observability and detectability of a class of discrete-time stochastic linear systems*, **IMA Journal of Maths. Control and Information** **23** (2006), pag. 371 – 394.
147. W. Liu, F. Deng, J. Liang, H. Liu, A Class of Transformation Matrices and Its Applications, **Abstract and Applied Analysis, Volume 2014** (2014), Article ID 742098, <http://dx.doi.org/10.1155/2014/742098>
Citeaza: Vasile Dragan and Toader Morozan, *Observability and detectability of a class of discrete-time stochastic linear systems*, **IMA Journal of Maths. Control and Information** **23** (2006), pag. 371 – 394.
148. A. Cetinkaya, T. Hayakawa, Sampled-Parameter Feedback Control of Discrete-time Linear Stochastic Parameter-Varying Systems, **Proceedings of the 19th World Congress of**

- the International Federation of Automatic Control, Cape Town, South Africa, **August 24-29**, (2014), pag. 8147–8151
Citeaza: Vasile Dragan and Toader Moroza, *DISCRETE-TIME RICCATI TYPE EQUATIONS AND THE TRACKING PROBLEM*, **ICIC Express Letters 2** (2008), pag. 109 – 116.
149. A. Cetinkaya, T. Hayakawa, Sampled-mode-dependent time-varying control strategy for stabilizing discrete-time switched stochastic systems **American Control Conference (ACC)**, (2014), pag. 3966–3971
Citeaza: Vasile Dragan and Toader Moroza, *DISCRETE-TIME RICCATI TYPE EQUATIONS AND THE TRACKING PROBLEM*, **ICIC Express Letters 2** (2008), pag. 109 – 116.
150. T. Hou, W. Zhang, H. Ma, Spectral Perspective on the Stability of Discrete-Time Markov Jump Systems with Multiplicative Noise, **Mathematical Problems in Engineering**, **2014** (2014), Article ID 769302, <http://dx.doi.org/10.1155/2014/769302>
Citeaza: Vasile Dragan and Toader Moroza, *Stochastic observability and applications*, **IMA Jnl of Maths. Control and Information 21** (2004), pag. 323 – 344.
151. A.N. Vargas, D.C. Bortolin, E.F. Costa, J.B.R. do Val, Gradient-based optimization techniques for the design of static controllers for Markov jump linear systems with unobservable modes, **International Journal of Numerical Modelling: Electronic Networks, Devices and Fields**, (2014), DOI: 10.1002/jnm.1981
Citeaza: Vasile Dragan and Toader Moroza, *Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems Exponential Stability in Mean Square for a General Class of Discrete-Time Linear Stochastic Systems*, **Stochastic Analysis and Applications 26** (2008), pag. 495 – 525.
152. M. Tucsnak, G. Weiss, Well-posed systems - The LTI case and beyond, **Automatica**, **50, 7**, (2014), pag. 1757–1779
Citeaza: B. Jacob, V. Dragan, A.J. Pritchard, *Infinite dimensional time varying systems with nonlinear output feedback*, **Integr. Equat. Oper. Theory, 22,4** (1995), pag. 440 –462.
153. H. Zhu, C. Zhang, N. Bin, Infinite horizon linear quadratic stochastic Nash differential games of Markov jump linear systems with its application, **International Journal of Systems Science**, **45, 5**, (2014), pag. 1196–1201
Citeaza: V Dragan, T Moroza, *Game-theoretic coupled Riccati equations associated to controlled linear differential systems with jump Markov perturbations* **Stochastic Analysis and Applications, 19, 5**, (2001), pag. 715–751.
154. V.M. Ungureanu, Optimal control for infinite dimensional stochastic differential equations with infinite Markov jumps and multiplicative noise, **Journal of Mathematical Analysis and Applications**, **417, 2**, (2014), pag. 694–718
Citeaza: V Dragan, T Moroza, *Criteria for exponential stability of linear differential equations with positive evolution on ordered Banach spaces* **IMA J Math Control Info, 27, 3**, (2010), pag. 267–307.

155. A. X. Liu, Y. Wu, Y. Zhang, S. Xiao, A control method to make LQR robust: A planes cluster approaching mode, **International Journal of Control, Automation and Systems**, **12**, **2**,(2014), pag. 302–308
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**,**50**,**1** (2012), pag. 448 – 470.
156. H. Zhang, L. Ge, M. Shi, Q. Yang, Research of Compound Control for DC Motor System Based on Global Sliding Mode Disturbance Observer, **Mathematical Problems in Engineering**, **2014** (2014), Article ID 759147, <http://dx.doi.org/10.1155/2014/759147>
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**,**50**,**1** (2012), pag. 448 – 470.
157. H. Mukaidani, Stackelberg strategy for discrete-time stochastic system and its application to weakly coupled systems, **American Control Conference (ACC)**, (2014), pag. 4506–4511
*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), pag. 1429–1435.
158. H. Mukaidani, Stackelberg strategy for discrete-time stochastic system and its application to H_2/H_∞ control, **American Control Conference (ACC)**, (2014), pag. 4488–4493
*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), pag. 1429–1435.
159. H. Mukaidani, R. Tanabata, C. Matsumoto, Dynamic Game Approach of H_2/H_∞ Control for Stochastic Discrete-Time Systems, **IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences**, Vol.E97-A, No.11, (2014), pag. 2200–2211
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), pag. 1429–1435.
160. X. Zhao, F. Deng, New-type stability theorem for stochastic functional differential equations with application to SFDSs with distributed delays, **International Journal of Systems Science**, **45**, **5**, (2014), pag. 1156–1169
Citeaza: V Dragan, T Morozan, *H_2 optimal control for a wide class of discrete-time linear stochastic systems*, **International Journal of Systems Science**, **40**, **10**, (2009), pag. 1029–1049.
161. P. Shi, Y. Yin, F. Liu, J. Zhang, Robust control on saturated Markov jump systems with missing information, **Information Sciences**, **265**, **1**, (2014), pag. 123–138
Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_∞ approach*, **Automatica**, **35**, **8**, (1999), pag. 1369–1378.
162. Y. Yin, P. Shi, F. Liu, K.L. Teo, Observer-based H_∞ control on nonhomogeneous Markov jump systems with nonlinear input, **International Journal of Robust and Nonlinear**

- Control**, **24**, **13**, (2014), pag. 1903–1924
Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_∞ approach*, **Automatica**, **35**, **8**, (1999), pag. 1369–1378.
163. H. Mukaidani, R. Tanabata, C. Matsumoto, Dynamic Game Approach of H_2/H_∞ Control for Stochastic Discrete-Time Systems, **IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences**, Vol.E97-A, No.11, (2014), pag. 2200–2211
Citeaza: H. Mukaidani, H. Xu, V. Dragan, *Stochastic optimal control for weakly coupled large-scale systems via state and static output feedback*, **IET Control Theory and Applications**, **4**, **9**, (2010), pag. 1849 – 1858.
164. G. Wang, Q. Zhang, X. Yan, Stability, **Analysis and Design of Singular Markovian Jump Systems**, (va apareia in 2015), pag. 17-52
Citeaza: V. Dragan, P. Shi, E.K. Boukas, *Control of singularly perturbed systems with Markovian jump parameters: an H_∞ approach*, **Automatica**, **35**, **8**, (1999), pag. 1369–1378.
165. A.R. Teel, A. Subbaraman, A. Sferlazza, Stability analysis for stochastic hybrid systems: A survey **Automatica**, **50**,**10** (2014), pag. 2435 – 2456
Citeaza: Vasile Dragan, Toader Moroza, *Stability and robust stabilization to linear stochastic systems described by differential equations with markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** **20**, (2002), pag. 33 – 92.
166. Y. Chen, W. X. Zheng, Exponential H_∞ filtering for stochastic Markovian jump systems with time delays, **International Journal of Robust and Nonlinear Control**, **24**,**4**, (2014),pag. 625–643
Citeaza: Vasile Dragan, Toader Moroza, *Stability and robust stabilization to linear stochastic systems described by differential equations with markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** **20**, (2002), pag. 33 – 92.
167. X.Kan, H. Shu, Z.Li, Almost sure state estimation for nonlinear stochastic systems with Markovian switching, **Nonlinear Dynamics**, **76**, (2014), pag.1591–1602
Citeaza: Vasile Dragan, Toader Moroza, *Stability and robust stabilization to linear stochastic systems described by differential equations with markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** **20**, (2002), pag. 33 – 92.
168. Y Yang, G Chen, Finite time stability of stochastic hybrid systems, **Abstract and Applied Analysis**, **2014**,(2014),Article ID 867189,<http://dx.doi.org/10.1155/2014/867189>
Citeaza: Vasile Dragan, Toader Moroza, *Stability and robust stabilization to linear stochastic systems described by differential equations with markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** **20**, (2002), pag. 33 – 92.

169. G Wang, Q Zhang, X Yan, Analysis and Design of Singular Markovian Jump Systems, **Springer International Publishing Switzerland** 2015,(2014), DOI:10.1007/978-3-319-08723-8-2
Citeaza: Vasile Dragan, Toader Morozaan, *Stability and robust stabilization to linear stochastic systems described by differential equations with markovian jumping and multiplicative white noise*, **Stochastic Analysis and Applications** 20, (2002), pag. 33 – 92.
170. L. Sheng, M. Gao, W. Zhang, B.S. Chen, Infinite horizon H_∞ control for nonlinear stochastic Markov jump systems with (x, u, v) -dependent noise via fuzzy approach, **Fuzzy Sets and Systems**, (2014), DOI: 10.1016/j.fss.2014.10.015
Citeaza: Vasile Dragan, Toader Morozaan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer New York** (2006).
171. O.L.V. Costa, C.A.C. Gonzaga, Quadratic and H^∞ switching control for discrete-time linear systems with multiplicative noises, **International Journal of Control**, 87, 11, (2014), pag. 2312–2326
Citeaza: Vasile Dragan, Toader Morozaan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer New York** (2006).
172. H. Ma, Y. Jia, Input-output finite-time mean square stabilisation of stochastic systems with Markovian jump, **International Journal of Systems Science**,45,3, (2014), pag. 325–336
Citeaza: Vasile Dragan, Toader Morozaan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer New York** (2006).
173. L. Sheng, M. Zhu, W. Zhang, Y. Wang, Nonlinear Stochastic Control with Markov Jumps and Dependent Noise: Finite and Infinite Horizon Cases, **Mathematical Problems in Engineering**, 2014, (2014), Article ID 948134, <http://dx.doi.org/10.1155/2014/948134>
Citeaza: Vasile Dragan, Toader Morozaan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer, New York** (2006).
174. B. de Saporta, E.F. Costa, Approximate Kalman-Bucy filter for continuous-time semi-Markov jump linear systems, **Mathematics - Optimization and Control**, arXiv:1409.2631 [math.OC], (2014)
Citeaza: Vasile Dragan, Toader Morozaan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer, New York** (2006).
175. V.M. Ungureanu, Optimal control for infinite dimensional stochastic differential equations with infinite Markov jumps and multiplicative noise, **Journal of Mathematical Analysis and Applications**, 417,2, (2014) pag. 694–718
Citeaza: Vasile Dragan, Toader Morozaan, Adrian-Mihail Stoica, *Mathematical methods in robust control of linear stochastic systems*, **Springer, New York** (2006).
176. F. Li, P. Shi, L. Wu, H.R. Karimi, D-stability for discrete-time ts fuzzy descriptor systems with multiple delays, **American Control Conference (ACC)**, (2014), pag. 4175–4179
Citeaza: P.Shi, V. Dragan, *Asymptotic H^∞ control of singularly perturbed systems with parametric uncertainties*, **IEEE Trans. on Automatic Control**, 44, (1999), pag. 1738 – 1742.

177. G.Wang, C. Huang, Q. Zhang, C. Yang, Stabilisation bound of stochastic singularly perturbed systems with Markovian switching by noise control, **IET Control Theory and Applications**, **8, 5**, (2014), pag. 367–374
Citeaza: P.Shi, V. Dragan, Asymptotic H^∞ control of singularly perturbed systems with parametric uncertainties, IEEE Trans. on Automatic Control, 44, (1999), pag. 1738 – 1742.
178. G. Wang, Q. Zhang, C. Yang, Robust stability of singularly perturbed descriptor systems with uncertain Markovian switchings and nonlinear perturbations, **Optimal Control Applications and Methods**, **35,1**, (2014), pag. 89–109
Citeaza: P.Shi, V. Dragan, Asymptotic H^∞ control of singularly perturbed systems with parametric uncertainties, IEEE Trans. on Automatic Control, 44, (1999), pag. 1738 – 1742.
179. K.J. Lin, Adaptive sliding mode control design for a class of uncertain singularly perturbed nonlinear systems, **International Journal of Control**, **87, 2**, (2014), pag. 432–439
Citeaza: P.Shi, V. Dragan, Asymptotic H^∞ control of singularly perturbed systems with parametric uncertainties, IEEE Trans. on Automatic Control, 44, (1999), pag. 1738 – 1742.
180. M. Gao, L. Sheng, W. Zhang, Finite horizon H_2/H_∞ control of time-varying stochastic systems with Markov jumps and (x, u, v) -dependent noise, **IET Control Theory and Applications**, **8,14**, (2014), pag. 1354– 1368
Citeaza: V. Dragan, T. Morozan, The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping, IEEE Transactions on Automatic Control, 49, (2004), pag. 665 – 675.
181. S.A. Mozaffari Niapour, M. Tabarraie, M.R. Feyzi, A new robust speed-sensorless control strategy for high-performance brushless DC motor drives with reduced torque ripple, **Control Engineering Practice**, **24**, (2014), pag. 42–54
Citeaza: V. Dragan, T. Morozan, The linear quadratic optimization problems for a class of linear stochastic systems with multiplicative white noise and Markovian jumping, IEEE Transactions on Automatic Control, 49, (2004), pag. 665 – 675.
182. Du Yu-Song, Zhang Fang-Guo, Fixed Points for Elliptic Curve Discrete Logarithms, **Journal of Cryptologic Research** **1(1)** (2014), pag. 41–50
Citează: C. Cobeli, A. Zaharescu, An exponential congruence with solutions in primitive roots, J. Revue Roumaine de Mathematiques Pures et Appliquees 44(1) (1999), pag. 15–22.
183. Kit-Ho Mak, More constructions of pseudorandom sequences of k symbols, **Finite Fields Appl.** **25**, (2014), pag. 222–233
Citează: C. Cobeli, A. Zaharescu, Generalization of a problem of Lehmer, Manuscr. Math. 104 (3) (2001), pag. 301–307.
184. Kit-Ho Mak, The distribution of points on curves over finite fields in some small rectangles, **Monatshefte für Mathematik Volume 174, Issue 4**, (2014), pag. 577–586
Citează: C. Cobeli, S. M. Gonek, A. Zaharescu, A., The distribution of patterns of inverses modulo a prime, J. Number Theory 101(2) (2003), pag. 209–222.

185. Christian Otto, **Dynamics of Quantum Dot Lasers – Effects of Optical Feedback and External Optical Injection**, Springer 2014, Print ISBN 978-3-319-03785-1, Online ISBN 978-3-319-03786-8, 2014 *Citează*: C. Cobeli, A. Zaharescu, *The Haros-Farey sequence at two hundred years*, **Acta Univ. Apulensis. Math. - Inform.** **5** (2003), pag. 1–38.
186. Hsu, Ming-Hsiu; Wang, Lih-Chung; He, Zhen, Interpolation problems for holomorphic functions, **Linear Algebra Appl.** **452** (2014), pag. 270–280
Citează: Ball, J. A.; Li, W. S.; Timotin, D.; Trent, T. T., *A commutant lifting theorem on the polydisc*, **Indiana Univ. Math. J.** **48** (1999), pag. 653–675.
187. Mitkovski, Mishko; Wick, Brett D., A reproducing kernel thesis for operators on Bergman-type function spaces, **J. Funct. Anal.** **267** (2014), pag. 2028–2055
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
188. Bessonov, R. V., Truncated Toeplitz operators of finite rank, **Proc. Amer. Math. Soc.** **142** (2014), pag. 1301–1313
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
189. Lanucha, Bartosz, Matrix representations of truncated Toeplitz operators, **J. Math. Anal. Appl.** **413** (2014), pag. 430–437
Citează: Baranov, Anton; Chalendar, Isabelle; Fricain, Emmanuel; Mashreghi, Javad; Timotin, Dan, *Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators*, **J. Funct. Anal.** **259** (2010), pag. 2673–2701.
190. Fang, Quanlei; Xia, Jingbo, A hierarchy of von Neumann inequalities? **J. Operator Theory** **72** (2014), pag. 219–239
Citează: Ambrozic, 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.
191. Sarkar, Jaydeb, Wold decomposition for doubly commuting isometries, **Linear Algebra Appl.** **445** (2014), pag. 289–301
Citează: Timotin, Dan, *Regular dilations and models for multicontractions*, **Indiana Univ. Math. J.** **47** (1998), pag. 671–684.
192. Collins, Benoît; Kemp, Todd, Liberation of projections, **J. Funct. Anal.** **266** (2014), pag. 1988–2052
Citează: Bercovici, H.; Collins, B.; Dykema,; Li, W. S.; Timotin, D., *Intersections of Schubert varieties and eigenvalue inequalities in an arbitrary finite factor*, **J. Funct. Anal.** **258** (2010), pag. 1579–1627.
193. Gorkin, Pamela; McCarthy, John E.; Pott, Sandra; Wick, Brett D., Thin sequences and the Gram matrix, **Arch. Math. (Basel)** **103** (2014), pag. 93–99
Citează: Chalendar, I.; Fricain, E.; Timotin, D., *Functional models and asymptotically orthonormal sequences*, **Ann. Inst. Fourier (Grenoble)** **53** (2003), pag. 1527–1549.

194. Lefèvre, Pascal; Rodríguez-Piazza, Luis, Finitely strictly singular operators in harmonic analysis and function theory, **Adv. Math.** **255** (2014), pag. 119–152
Citeaza: Chalendar, Isabelle; Fricain, Emmanuel; Popov, Alexey I.; Timotin, Dan; Troitsky, Vladimir G., *Finitely strictly singular operators between James spaces*, **J. Funct. Anal.** **256** (2009), pag. 1258–1268.
195. Robert, Leonel, Similarity of perturbations of the shift and a different product of rational functions, **Oper. Matrices** **8** (2014), pag. 89–98
Citeaza: Cassier, Gilles; Timotin, Dan, *Power boundedness and similarity to contractions for some perturbations of isometries*, **J. Math. Anal. Appl.** **293** (2004), pag. 160–180.
196. Garcia, Stephan Ramon; Lutz, Bob; Timotin, Dan, Two remarks about nilpotent operators of order two, **MR3168480 Reviewed Garcia, Stephan Ramon; Lutz, Bob; Timotin, Dan Two remarks about nilpotent operators of order two. Proc. Amer. Math. Soc.** **142** (2014), pag. 1749–1756
Citeaza: Strouse, E.; Timotin, D.; Zarrabi, M., *Unitary equivalence to truncated Toeplitz operators*, **Indiana Univ. Math. J.** **61** (2012), pag. 525–538.
197. Bercovici, H.; Li, W. S.; Truong, L., Extremal measures and clockwise overlays, **Discrete Math.** **315** (2014), pag. 53–64
Citeaza: Bercovici, H.; Li, W. S.; Timotin, Dan, *A family of reductions for Schubert intersection problems*, **J. Algebraic Combin.** **33** (2011), pag. 609–649.
198. Bercovici, Hari; Timotin, Dan, The numerical range of a contraction with finite defect numbers, **J. Math. Anal. Appl.** **417** (2014), pag. 42–56
Citeaza: Benhida, Chafiq; Gorkin, Pamela; Timotin, Dan, *Numerical ranges of $C_0(N)$ contractions*, **Integral Equations Operator Theory** **70** (2011), pag. 265–279.
199. Mehdi Hassani Geometric Patterns in Uniform Distribution of Zeros of the Riemann Zeta Function **Mathematics Without Boundaries, Springer** 2014, pag. 245–258
Citează: K. Ford, A. Zaharescu, *On the distribution of imaginary parts of zeros of the Riemann zeta function*, **J. Reine Angew. Math.** **579**, (2005), pag. 145–158.
200. Özlem Imamoğlu, Martin Raum, Olav K. Richter, Holomorphic projections and Ramanujan’s mock theta functions, **Proc. Natl. Acad. Sci. USA** **111 no. 11**, (2014), pag. 3961–3967
Citează: Berndt B, Yee A, Zaharescu, *New theorems on the parity of partition functions*, **J. Reine Angew. Math.** **566** (2004), pag. 91–109.
201. Kit-Ho Mak, The distribution of points on curves over finite fields in some small rectangles, **Monatshefte fur Mathematik** **174, Issue 4**, (2014), pag. 577–586
Citează: K.-H. Mak, A. Zaharescu, *On the distribution of the number of points on a family of curves over finite fields*, **J. Number Theory** **140**, (2014), 277–298;
202. Kit-Ho Mak, The distribution of points on curves over finite fields in some small rectangles, **Monatshefte fur Mathematik** **174, Issue 4**, (2014), pag. 577–586
Citează: K.-H. Mak, A. Zaharescu, *The distribution of values of short hybrid exponential sums on curves over finite fields*, **Math. Res. Lett.** **18(1)**, (2011), pag. 155–174;

203. Kit-Ho Mak, The distribution of points on curves over finite fields in some small rectangles, **Monatshefte fur Mathematik** **174**, Issue 4, (2014), pag. 577–586
Citează: K.-H. Mak, A. Zaharescu, *Poisson type phenomena for points on hyperelliptic curves modulo p* , **Funct. Approx. Comment. Math.** **47** (1), (2012), pag. 65–78.
204. Emre Alkan, Ramanujan sums are nearly orthogonal to powers, **J. Number Theory** **140**, (2014), pag. 147–168
Citează: E. Alkan, K. Ford, A. Zaharescu, *Diophantine approximation with arithmetic functions. I*, **Trans. Amer. Math. Soc.** **361** (2009), pag. 2263–2275;
205. Emre Alkan, Ramanujan sums are nearly orthogonal to powers, **J. Number Theory** **140**, (2014), pag. 147–168
Citează: B.C. Berndt, A. Zaharescu, *Finite trigonometric sums and class numbers*, **Math. Ann.** **330** (2004) pag. 551–575;
206. Emre Alkan, Ramanujan sums are nearly orthogonal to powers, **J. Number Theory** **140**, (2014), pag. 147–168
Citează: A. Ledoan, A. Zaharescu, *Real moments of the restrictive factor*, **Proc. Indian Acad. Sci. Math. Sci.** **119** (2009) pag. 559–566.
207. Maksym Radziwiłł, Gaps between zeros of $\zeta(s)$ and the distribution of zeros of $\zeta'(s)$, **Adv. Math.** **257** (2014), pag. 6–24
Citează: K. Ford, A. Zaharescu, *On the distribution of imaginary parts of zeros of the Riemann zeta function*, **J. Reine Angew. Math.** **579** (2005) pag. 145–158.
208. Sudesh K. Khanduja, Sanjeev Kumar, A generalization of a theorem of Ore, **J. Pure Appl. Algebra** **218**, no. 7 (2014), pag. 1206–1218
Citează: V. Alexandru, N. Popescu, A. Zaharescu, A theorem of characterization of residual transcendental extension of a valuation, **J. Math. Kyoto Univ.** **28** (1988) pag. 579–592.
209. M. Greenberg, M. Seveso, S. Shahabi, *Modular p -adic L -functions attached to real quadratic fields and arithmetic applications*. **J Reine Angew Math** (2014), DOI: 10.1515/crelle-2014-0088
Citeaza: A.A. Popa, *Central values of Rankin L -series over real quadratic fields*. **Comp. Math.** **142** (2006), 811-866
210. H. Thiel, W. Winter, The generator problem for \mathcal{Z} -stable C^* -algebras, **Transactions of the American Mathematical Society** **366** (2014), pag. 2327–2343.
Citeaza: F. Boca, V. Nițică, *Combinatorial properties of groups and simple C^* -algebras with a unique trace*, **Journal of Operator Theory** **20** (1988), pag. 183–196.
211. M. Popa, A Fock space model for addition and multiplication of c -free random variables, **Proceedings of the American Mathematical Society** **142** (2014), pag. 2001–2012.
Citeaza: F. Boca, *Free products of completely positive maps and spectral sets*, **Journal of Functional Analysis** **97** (1991), pag. 251–263.
212. T. Fritz, Operator system structures on the unital direct sum of C^* -algebras, **Rocky Mountain Journal of Mathematics** **44** (2014), pag. 913–936.
Citeaza: F. Boca, *Free products of completely positive maps and spectral sets*, **Journal of Functional Analysis** **97** (1991), pag. 251–263.

213. P. Fima, A. Freslon, Graphs of quantum groups and K-amenability, **Advances in Mathematics** **260** (2014), pag. 233–280.
Citeaza: F. Boca, *On the method of constructing irreducible finite index subfactors of Popa*, **Pacific Journal of Mathematics** **161** (1993), pag. 201–231.
214. O. Gabriel, Fixed points of compact quantum groups actions on Cuntz algebras, **Annales Henri Poincaré** **15** (2014), pag. 1013–1036.
Citeaza: F. Boca, *Ergodic actions of compact matrix pseudogroups on C^* -algebras*, Recent Advances in Operator Algebras (Orléans 1992), **Astérisque** **232** (1995), pag. 93–109.
215. V. Runde, A. Viselter, Ergodic theory for quantum semigroups, **Journal of the London Mathematical Society** **89** (2014), pag. 941–959.
Citeaza: F. Boca, *Ergodic actions of compact matrix pseudogroups on C^* -algebras*, Recent Advances in Operator Algebras (Orléans 1992), **Astérisque** **232** (1995), pag. 93–109.
216. M. Dădărlat, Group quasi-representations and almost flat bundles, **Journal of Non-commutative Geometry** **8** (2014), pag. 163–178.
Citeaza: F. P. Boca, *A note on full free product C^* -algebras, lifting and quasidiagonality*, Operator Theory, Operator Algebras and Related Topics (1997), Proceedings of the OT16 Conference, Timișoara 1996, **The Theta Foundation, Bucharest** (1997), pag. 51–63.
217. M. Eckstein, On projections in the noncommutative 2-torus algebra, **Symmetry, Integrability and Geometry – Methods and Applications** **10** (2014), Art. 029, 14 pages.
Citeaza: F. P. Boca, *Projections in rotation algebras and theta functions*, **Communications in Mathematical Physics** **202** (1999), pag. 325–357.
218. M. Baake, F. Goetze, C. Huck, T. Jakobi, Radial spacing distributions from planar sets, **Acta Crystallographica A - Foundation and Advances** **70** (2014), pag. 472–482.
Citeaza: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Communications in Mathematical Physics** **213** (2000), pag. 433–470.
219. T. Jacobi, Tiling vertices and the spacing distribution of their radial projection, **Acta Physica Polonica A** **126** (2014), pag. 493–496.
Citeaza: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Communications in Mathematical Physics** **213** (2000), pag. 433–470.
220. A. Ledoan, P. Spiegelhalter, A. Zaharescu, Eigenvalues and arithmetic functions on $\mathrm{PSL}_2(\mathbb{Z})$, **Integers** **14** (2014), Paper A14, 15 pp.
Citeaza: F. P. Boca, C. Cobeli, A. Zaharescu, *Distribution of lattice points visible from the origin*, **Communications in Mathematical Physics** **213** (2000), pag. 433–470.
221. A. Ledoan, P. Spiegelhalter, A. Zaharescu, Eigenvalues and arithmetic functions on $\mathrm{PSL}_2(\mathbb{Z})$, **Integers** **14** (2014), Paper A14, 15 pp.
Citeaza: F. P. Boca, R. N. Gologan, *On the distribution of the free path length of the linear flow in a honeycomb*, **Annales de l’Institut Fourier** **59** (2009), pag. 1043–1075.
222. J. Athreya, Y. Cheung, A Poincaré section for the horocycle flow on the space of lattices, **IMRN Vol. 2014, issue 10**, pag. 2643–2690.
Citeaza: F. P. Boca, C. Cobeli, A. Zaharescu, *A conjecture of R. R. Hall on Farey points*, **Journal für die Reine und Angewandte Mathematik** **535** (2001), pag. 207–236.

223. J. Athreya, Y. Cheung, A Poincaré section for the horocycle flow on the space of lattices, **IMRN Vol. 2014, issue 10**, pag. 2643–2690.
Citeaza: F. P. Boca, R. N. Gologan, A. Zaharescu, *On the index of Farey sequences*, **Quarterly Journal of Mathematics** **53** (2002), pag. 377–391.
224. J. Athreya, Y. Cheung, A Poincaré section for the horocycle flow on the space of lattices, **IMRN Vol. 2014, issue 10**, pag. 2643–2690.
Citeaza: F. P. Boca, C. Cobeli, A. Zaharescu, *On the distribution of the Farey sequence with odd denominators*, **Michigan Mathematical Journal** **51** (2003), pag. 557–573.
225. J. Athreya, Y. Cheung, A Poincaré section for the horocycle flow on the space of lattices, **IMRN Vol. 2014, issue 10**, pag. 2643–2690.
Citeaza: F. P. Boca, A. Zaharescu, *Farey fractions and two-dimensional tori*, in Proceedings of the *Workshop on Noncommutative Geometry and Number Theory* (C. Consani, M. Marcolli eds.), **Aspects of Mathematics E37**, Vieweg Verlag, Wiesbaden, 2006, pag. 57–77.
226. J. Athreya, Y. Cheung, A Poincaré section for the horocycle flow on the space of lattices, **IMRN Vol. 2014, issue 10**, pag. 2643–2690.
Citeaza: F. P. Boca, V. Pasol, A. A. Popa, A. Zaharescu, *Pair correlation of angles between reciprocal geodesics on the modular surface*, **Algebra and Number Theory** **8** (2014), pag. 999–1035.
227. H. Li, A. Thom, Entropy, determinants, and L^2 -torsion, **Journal of the American Mathematical Society** **27** (2014), pag. 239–292.
Citeaza: F. P. Boca, *Rotation C^* -Algebras and Almost Mathieu Operators*, **The Theta Foundation**, Bucharest, 2001.
228. P. Ara, F. Lledó, Amenable traces and Følner C^* -algebras, **Expositiones Mathematicae** **32** (2014), pag. 161–177.
Citeaza: F. P. Boca, *Rotation C^* -Algebras and Almost Mathieu Operators*, **The Theta Foundation**, Bucharest, 2001.
229. P. Ara, F. Lledó, D. V. Yakubovich, Følner sequences in operator theory and operator algebras, in **Operator Theory: Advances and Applications** **242** (M. A. Bastos et al. eds.) (2014), Birkhäuser, Basel, pag. 1–24.
Citeaza: F. P. Boca, *Rotation C^* -Algebras and Almost Mathieu Operators*, **The Theta Foundation**, Bucharest, 2001.
230. J. Marklof, A. Strömbergsson, Power-law distributions for the free path length in Lorentz gases, **Journal of Statistical Physics** **155** (2014), pag. 1072–1086.
Citeaza: F. P. Boca, R. N. Gologan, A. Zaharescu, *The statistics of the trajectory in a certain billiard in a flat two-torus*, **Communications in Mathematical Physics** **240** (2003), pag. 53–73.
231. J. Marklof, A. Strömbergsson, Power-law distributions for the free path length in Lorentz gases, **Journal of Statistical Physics** **155** (2014), pag. 1072–1086.
Citeaza: F. P. Boca, A. Zaharescu, *The distribution of the free path lengths in the periodic two-dimensional Lorentz gas in the small-scatterer limit*, **Communications in Mathematical Physics** **269** (2007), pag. 425–471.

232. J. Marklof, A. Strömbergsson, Power-law distributions for the free path length in Lorentz gases, **Journal of Statistical Physics** **155** (2014), pag. 1072–1086.
Citeaza: F. P. Boca, R. N. Gologan, *On the distribution of the free path length of the linear flow in a honeycomb*, **Annales de l’Institut Fourier** **59** (2009), pag. 1043–1075.
233. J. Marklof, A. Strömbergsson, Power-law distributions for the free path length in Lorentz gases, **Journal of Statistical Physics** **155** (2014), pag. 1072–1086.
Citeaza: F. P. Boca, *Distribution of the linear flow length in a honeycomb in the small-scatterer limit*, **New York Journal of Mathematics** **16** (2010), pag. 651–735.
234. J. Marklof, A. Strömbergsson, Free path lengths in quasicrystals, **Communications in Mathematical Physics** **330** (2014), pag. 723–755.
Citeaza: F. P. Boca, R. N. Gologan, A. Zaharescu, *The statistics of the trajectory in a certain billiard in a flat two-torus*, **Communications in Mathematical Physics** **240** (2003), pag. 53–73.
235. J. Marklof, A. Strömbergsson, Free path lengths in quasicrystals, **Communications in Mathematical Physics** **330** (2014), pag. 723–755.
Citeaza: F. P. Boca, A. Zaharescu, *The distribution of the free path lengths in the periodic two-dimensional Lorentz gas in the small-scatterer limit*, **Communications in Mathematical Physics** **269** (2007), pag. 425–471.
236. J. Marklof, A. Strömbergsson, Free path lengths in quasicrystals, **Communications in Mathematical Physics** **330** (2014), pag. 723–755.
Citeaza: F. P. Boca, R. N. Gologan, *On the distribution of the free path length of the linear flow in a honeycomb*, **Annales de l’Institut Fourier** **59** (2009), pag. 1043–1075.
237. J. Marklof, A. Strömbergsson, Free path lengths in quasicrystals, **Communications in Mathematical Physics** **330** (2014), pag. 723–755.
Citeaza: F. P. Boca, *Distribution of the linear flow length in a honeycomb in the small-scatterer limit*, **New York Journal of Mathematics** **16** (2010), pag. 651–735.
238. C. Bonanno, S. Isola, A thermodynamic approach to two-variable Ruelle and Selberg zeta functions via the Farey map, **Nonlinearity** **27** (2014), pag. 897–926.
Citeaza: F. P. Boca, *Products of matrices $\begin{bmatrix} 1 & 1 \\ 0 & 1 \end{bmatrix}$ and $\begin{bmatrix} 1 & 0 \\ 1 & 1 \end{bmatrix}$ and the distribution of reduced quadratic irrationals*, **Journal für die Reine und Angewandte Mathematik** **606** (2007), pag. 149–165.
239. S. Isola, Continued fractions and dynamics, **Applied Mathematics** **5** (2014), pag. 1067–1090.
Citeaza: F. P. Boca, *Products of matrices $\begin{bmatrix} 1 & 1 \\ 0 & 1 \end{bmatrix}$ and $\begin{bmatrix} 1 & 0 \\ 1 & 1 \end{bmatrix}$ and the distribution of reduced quadratic irrationals*, **Journal für die Reine und Angewandte Mathematik** **606** (2007), pag. 149–165.
240. C. Dettmann, Diffusion in the Lorentz gas, **Communications in Theoretical Physics** **62** (2014), pag. 521–540.
Citeaza: F. P. Boca, A. Zaharescu, *The distribution of the free path lengths in the periodic two-dimensional Lorentz gas in the small-scatterer limit*, **Communications in Mathematical Physics** **269** (2007), pag. 425–471.

241. D. Mundici, Invariant measure under the affine group over \mathbb{Z} , **Combinatorics, Probability and Computing** **23** (2014), pag. 248–268.
Citeaza: F. P. Boca, *An AF algebra associated with the Farey tessellation*, **Canadian Journal of Mathematics** **60** (2008), pag. 975–1000.
242. C. Reisinger, A. Whitley, The impact of a natural time change on the convergence of the Crank-Nicolson scheme, **IMA J. Numer. Anal.** **34(3)** (2014), 1156–1192.
Citează: V. Timofte, *Integral estimates for convergent positive series*, **J. Math. Anal. Appl.** **303(1)** (2005), 90–102.
243. J-Y Wu, P. Wu, W. Wylie, Gradient shrinking Ricci solitons of half harmonic Weyl curvature, **arXiv:1410.7303** (2014), pag. 1–19.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: General results*, **J. Math. Anal. Appl.** **284(1)** (2003), 174–190.
244. C. Riener, Symmetric semi-algebraic sets and non-negativity of symmetric polynomials, **arXiv:1409.0699** (2014), pag. 1–6.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: General results*, **J. Math. Anal. Appl.** **284(1)** (2003), 174–190.
245. C. Riener, Symmetric semi-algebraic sets and non-negativity of symmetric polynomials, **arXiv:1409.0699** (2014), pag. 1–6.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part II: Lattice general results and positivity criteria for degrees 4 and 5*, **J. Math. Anal. Appl.** **304(2)** (2005), 652–667.
246. P. Görlach, C. Riener, T. Weisser, Deciding positivity of multisymmetric polynomials, **arXiv:1409.2707** (2014), pag. 1–15.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: General results*, **J. Math. Anal. Appl.** **284(1)** (2003), 174–190.
247. P. Görlach, C. Riener, T. Weisser, Deciding positivity of multisymmetric polynomials, **arXiv:1409.2707** (2014), pag. 1–15.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part II: Lattice general results and positivity criteria for degrees 4 and 5*, **J. Math. Anal. Appl.** **304(2)** (2005), 652–667.
248. S. Iliman, Nonnegative Polynomials and Sums of Squares, **Ph.D. Thesis, Goethe Universität, Frankfurt am Main** (2014), 1–153.
Citează: V. Timofte, *On the positivity of symmetric polynomial functions. Part I: General results*, **J. Math. Anal. Appl.** **284(1)** (2003), 174–190.
249. Alexander Mielke, Sina Reichelt and Marita Thomas, Two-scale homogenization of non-linear reaction-diffusion systems with slow diffusion, **Networks and Heterogeneous Media** **9** (2014), pag. 358 – 382
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. 642–66

250. B Schweizer, M Veneroni , Homogenization of plasticity equations with two-scale convergence methods, **Applicable Analysis** (2014), DOI:10.1080/00036811.2014.896992
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
251. I. Velcic, On the derivation of homogenized bending plate model, **Calculus of Variations and Partial Differential Equations** (2014), DOI: 10.1007/s00526-014-0758-1
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
252. N. Kraynyukova, S. Nesenenko, Measure-valued solutions for models of ferroelectric materials, **Proceedings of the Royal Society of Edinburgh: Section A Mathematics** **144** (2014), pag. 935 – 963
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
253. J. Jost, S. Liu, Olliviers Ricci Curvature, Local Clustering and Curvature-Dimension Inequalities on Graphs, **Discrete & Computational Geometry** **51** (2) (2014), pag. 300 – 322,
Citeaza: A.I. Bonciocat, K.T. Sturm, Mass transportation and rough curvature bounds for discrete spaces, J. Funct. Anal. **256** (9) (2009), pag. 2944 – 2966.
254. N. Gozlan, C. Roberto, P.M. Samson, P. Tetali , Olliviers Ricci Curvature, Displacement convexity of entropy and related inequalities on graphs, **Prob. Theory and Rel. Fields** **160** (1-2) (2014), pag. 47 – 94,
Citeaza: A.I. Bonciocat, K.T. Sturm, Mass transportation and rough curvature bounds for discrete spaces, J. Funct. Anal. **256** (9) (2009), pag. 2944 – 2966.
255. A.I. Bonciocat, A rough curvature-dimension condition for metric measure spaces, **Cent. Eur. J. Math.** **12** (2) (2014), pag. 362 – 380,
Citeaza: A.I. Bonciocat, K.T. Sturm, Mass transportation and rough curvature bounds for discrete spaces, J. Funct. Anal. **256** (9) (2009), pag. 2944 – 2966.
256. D. Ștefănescu, Applications of the Newton Index to the Construction of Irreducible Polynomials, **Computer Algebra in Scientific Computing**, Proc. 16th International Workshop, CASC 2014, Warsaw, Poland, September 8-12, 2014, (V. P. Gerdt, W. Koepf, W. M. Seiler, E. V. Vorozhtsov, eds.), LNCS 8660, Springer, ISBN 978-3-319-10514-7, (2014), pag. 460–471
Citează: N.C. Bonciocat, A. Zaharescu, Irreducible multivariate polynomials obtained from polynomials in fewer variables, J. Pure Appl. Algebra **212** (10) (2008), pag. 2338–2343.
257. D. Ștefănescu, On the factorization of polynomials over discrete valuation domains, **An. Șt. Univ. Ovidius Constanta** **22** (1) (2014), pag. 273 – 280,
Citează: N.C. Bonciocat, A. Zaharescu, Irreducible multivariate polynomials obtained from polynomials in fewer variables, II, Proc. Indian Acad. Sci. Math. Sci. **121** (2) (2011), pag. 133–141.

258. D. Ștefănescu, Applications of the Newton Index to the Construction of Irreducible Polynomials, **Computer Algebra in Scientific Computing**, Proc. 16th International Workshop, CASC 2014, Warsaw, Poland, September 8-12, 2014, (V. P. Gerdt, W. Koepf, W. M. Seiler, E. V. Vorozhtsov, eds.), LNCS 8660, Springer, ISBN 978-3-319-10514-7, (2014), pag. 460–471
Citează: A.I. Bonciocat, N.C. Bonciocat, *Some classes of irreducible polynomials*, **Acta Arith.** **123** (2006), pag. 349–360.
259. D. Ștefănescu, Applications of the Newton Index to the Construction of Irreducible Polynomials, **Computer Algebra in Scientific Computing**, Proc. 16th International Workshop, CASC 2014, Warsaw, Poland, September 8-12, 2014, (V. P. Gerdt, W. Koepf, W. M. Seiler, E. V. Vorozhtsov, eds.), LNCS 8660, Springer, ISBN 978-3-319-10514-7, (2014), pag. 460–471
Citează: A.I. Bonciocat, N.C. Bonciocat, *A Capelli type theorem for multiplicative convolutions of polynomials*, **Math. Nachr.** **281**, (2008), pag. 1240–1253.
260. D. Ștefănescu, Applications of the Newton Index to the Construction of Irreducible Polynomials, **Computer Algebra in Scientific Computing**, Proc. 16th International Workshop, CASC 2014, Warsaw, Poland, September 8-12, 2014, (V. P. Gerdt, W. Koepf, W. M. Seiler, E. V. Vorozhtsov, eds.), LNCS 8660, Springer, ISBN 978-3-319-10514-7, (2014), pag. 460–471
Citează: N.C. Bonciocat, *On an irreducibility criterion of Perron for multivariate polynomials.*, **Bull. Math. Soc. Sci. Math. Roumanie** **53 (101)** (2010), pag. 213–217.
261. D. Ștefănescu, Applications of the Newton Index to the Construction of Irreducible Polynomials, **Computer Algebra in Scientific Computing**, Proc. 16th International Workshop, CASC 2014, Warsaw, Poland, September 8-12, 2014, (V. P. Gerdt, W. Koepf, W. M. Seiler, E. V. Vorozhtsov, eds.), LNCS 8660, Springer, ISBN 978-3-319-10514-7, (2014), pag. 460–471
Citează: N.C. Bonciocat, *Schönemann-Eisenstein-Dumas-type irreducibility conditions that use arbitrarily many prime numbers*, **arXiv:1304.0874v1**. (to appear in a shorted version in **Comm. Algebra**), pag. 1 – 35.
262. D. Ștefănescu, On the factorization of polynomials over discrete valuation domains, **An. Șt. Univ. Ovidius Constanta** **22 (1)** (2014), pag. 273 – 280,
Citează: N.C. Bonciocat, A. Zaharescu, *Irreducible multivariate polynomials obtained from polynomials in fewer variables*, **J. Pure Appl. Algebra** **212 (10)** (2008), pag. 2338–2343.
263. D. Ștefănescu, On the factorization of polynomials over discrete valuation domains, **An. Șt. Univ. Ovidius Constanta** **22 (1)** (2014), pag. 273 – 280,
Citează: A.I. Bonciocat, N.C. Bonciocat, *Some classes of irreducible polynomials*, **Acta Arith.** **123 (4)** (2006), pag. 349 – 360.
264. D. Ștefănescu, On the factorization of polynomials over discrete valuation domains, **An. Șt. Univ. Ovidius Constanta** **22 (1)** (2014), pag. 273 – 280,
Citează: A.I. Bonciocat and N.C. Bonciocat, *A Capelli type theorem for multiplicative convolutions of polynomials*, **Math. Nachr.** **281 (9)** (2008), pag. 1240 – 1253.

265. D. Ştefănescu, On the factorization of polynomials over discrete valuation domains, **An. Şt. Univ. Ovidius Constanta** **22** (1) (2014), pag. 273 – 280,
Citează: N.C. Bonciocat, *On an irreducibility criterion of Perron for multivariate polynomials*, **Bull. Math. Soc. Sci. Math. Roumanie** **53** (101) no. 3 (2010), pag. 213 – 217.
266. D. Ştefănescu, On the factorization of polynomials over discrete valuation domains, **An. Şt. Univ. Ovidius Constanta** **22** (1) (2014), pag. 273 – 280,
Citează: N.C. Bonciocat, *From prime numbers to irreducible multivariate polynomials*, **An. Şt. Univ. Ovidius Constanța Ser. Mat.** **19** (2) (2011), pag. 37 – 53.
267. D. Ştefănescu, On the factorization of polynomials over discrete valuation domains, **An. Şt. Univ. Ovidius Constanta** **22** (1) (2014), pag. 273 – 280,
Citează: N.C. Bonciocat, *Schönemann-Eisenstein-Dumas-type irreducibility conditions that use arbitrarily many prime numbers*, **arXiv:1304.0874v1**. (to appear in a shorted version in **Comm. Algebra**), pag. 1 – 35.
268. Yılmaz Gündüzalp, Bayram Şahin, Para-Contact Para-Complex Semi-Riemannian Submersions, **Bulletin of the Malaysian Mathematical Sciences Society** (2014), vol. 37, Issue 1, pag. 139 – 152, <http://math.usm.my/bulletin/pdf/v37n1/v37n1p14.pdf>
Citeaza: Gabriel Bădiţoiu, Stere Ianuş, *Semi-Riemannian submersions from real and complex pseudo-hyperbolic spaces*, **Differential Geometry and its Applications** **16** (2002), pag. 79 – 94. DOI: 10.1016/S0926-2245(01)00070-5
269. Jing Wang, Sub-Riemannian heat kernels on model spaces and curvature-dimension inequalities on contact manifolds, **ProQuest LLC** (2014), Ph.D. Thesis, Purdue University, pag. 1 – 157, cod UMI 3636683, <http://gradworks.umi.com/3636683.pdf>
Citeaza: Gabriel Bădiţoiu, Stere Ianuş, *Semi-Riemannian submersions from real and complex pseudo-hyperbolic spaces*, **Differential Geometry and its Applications** **16** (2002), pag. 79 – 94. DOI: 10.1016/S0926-2245(01)00070-5
270. Tomasz Zawadzki, Existence conditions for conformal submersions with totally umbilical fibers, **Differential Geometry and its Applications** (2014), vol 35, September 2014, pag. 69 - 85, DOI:10.1016/j.difgeo.2014.01.010
Citeaza: Gabriel Bădiţoiu, Stere Ianuş, *Semi-Riemannian submersions with totally umbilic fibres*, **Rendiconti del Circolo Matematico di Palermo** **51** (2002), pag. 249 – 276, DOI: 10.1007/BF02871654.
271. Liviu Ornea, Vladimir Slesar, Basic morse-novikov cohomology for foliations, **preprint Arxiv.org** **1410.8748** (2014), pag. 1 – 19
Citeaza: G. Baditoiu, R. Escobales, S. Ianus, *A Cohomology (p+1) form canonically associated with certain codimension-q foliations on a Riemannian manifold*, **Tokyo J. Math.** **29** (2006), pag. 247 – 270
272. Vladimir Rovenski, Leonid Zelenko, The mixed Yamabe problem for harmonic foliations, **preprint arxiv.org** **1405.3809v1** (2014), pag. 1 – 13
Citeaza: Gabriel Baditoiu, Stere Ianus, *Spectral geometry of Riemannian Legendre foliations*, **Bull. Math. Soc. Sci. Math. Roumanie** **56** (2013), no. 2, pag. 135 – 150, <http://ssmr.ro/bulletin/volumes/56-2/node2.html>

273. Ahmad, Zaheer; Dumitrescu, Tiberiu, Star almost Schreier domains, **Comm. Algebra** **42**, no. **11** (2014), pag. 4898 – 4910
Citeaza: Z. Ahmad, T. Dumitrescu si M. Epure, *A Schreier domain type condition*, **Bull. Math. Soc. Sci. Math. Roumanie (N.S.)** (2012), pag. 241 – 247
274. Mak, Kit-Ho, More constructions of pseudorandom sequences of k symbols, **Finite Fields Appl.** **25** (2014), pag. 222 – 233
Citeaza: Alkan, Emre; Stan, Florin; Zaharescu, Alexandru, *Lehmer k -tuples*, **Proc. Amer. Math. Soc.** **134**, no.10 (2006), pag. 2807 – 2815
275. M. Şabac, Asymptotic commutativity, **J. Operator Theory** **71** (2014), no. 1, pag. 175–197
Citează: D. Beltiţă, M. Şabac, **Lie algebras of bounded operators**. Operator Theory: Advances and Applications, 120. Birkhäuser Verlag, Basel, 2001. viii+219 pag. ISBN: 3-7643-6404-1
276. E. Andruchow, E. Chiumiento, M.E. Di Iorio y Lucero, The compatible Grassmannian, **Differential Geom. Appl.** **32** (2014), no. 1, pag. 1–27
Citează: D. Beltiţă, T. Ratiu, Symplectic leaves in real Banach Lie-Poisson spaces, **Geom. Funct. Anal. (GAFA)** **15** (2005), pag. 753–779
277. M. Miglioli, Decompositions and complexifications of some infinite-dimensional homogeneous spaces, **J. Funct. Anal.** **266** (2014), no. 11, pag. 6599–6618
Citează: D. Beltiţă, J.E. Galé, *Holomorphic geometric models for representations of C^* -algebras*, **J. Funct. Anal.** **255** (2008), no. 10, 2888–2932
278. Andreas Andersson, Index pairings for \mathbb{R}^n -actions and Rieffel deformations. **Preprint arXiv: 1406.4078**
Citeaza: I. Beltiţă, M. Măntoiu *Rieffel deformation and twisted crossed products*, **versiuena Preprint arXiv:1208.6548v1**.
279. S. Neshveyev, Smooth crossed products of Rieffel’s deformations, **Letters in Mathematical Physics** **104** (2014), pag. 361-371.
Citeaza: I. Beltiţă, M. Măntoiu *Rieffel deformation and twisted crossed products*, **versiuena Preprint arXiv:1208.6548v1**.
280. Rakesh, G. Uhlmann, Uniqueness for the inverse backscattering problem for angularly controlled potentials. **Inverse Problems** **30** (2014), 065005, 24 pp.
Citează: I. Beltiţă, A. Melin, *Local smoothing for the backscattering transform*. **Comm. Partial Differ. Equ.** **34** (2009), pag. 233–256.
281. M. Gordina, J. Haga, Lévy processes in a step 3 nilpotent Lie group, **Potential Anal.** **41** (2014), no. 2, pag. 367–382
Citează: I. Beltiţă, D. Beltiţă, *Magnetic pseudo-differential Weyl calculus on nilpotent Lie groups*, **Ann. Global Anal. Geom.** **36** (2009), no. 3, pag. 293–322.
282. M. Măntoiu, R. Purice, On Fréchet-Hilbert algebras, **Arch. Math. (Basel)** **103** (2014), no. 2, pag. 157–166
Citează: I. Beltiţă, D. Beltiţă, *Magnetic pseudo-differential Weyl calculus on nilpotent Lie groups*, **Ann. Global Anal. Geom.** **36** (2009), no. 3, pag. 293–322.

283. M. Măntoiu, R. Purice, On Fréchet-Hilbert algebras, **Arch. Math. (Basel)** **103** (2014), no. 2, pag. 157–166
Citează: I. Beltiță, D. Beltiță, *Continuity of magnetic Weyl calculus*, **J. Funct. Anal.** **260** (2011), no. 7, 1944–1968.
284. M. Măntoiu, R. Purice, On Fréchet-Hilbert algebras, **Arch. Math. (Basel)** **103** (2014), no. 2, pag. 157–166
Citează: I. Beltiță, D. Beltiță, *A survey on Weyl calculus for representations of nilpotent Lie groups*, **XXVIII Workshop on Geometrical Methods in Physics** (24 iunie – 26 iulie 2009), editori: P. Kielanowski, S.T. Ali, A. Odziejewicz, M. Schlichenmaier și Th. Voronov, American Institute of Physics (2009), pag. 7–20.
285. M. Măntoiu, R. Purice, On Fréchet-Hilbert algebras, **Arch. Math. (Basel)** **103** (2014), no. 2, pag. 157–166
Citează: I. Beltiță, D. Beltiță, M. Măntoiu: *Quantization and dequantization via square-integrable families of operators*, **Preprint** arXiv:1203.6347(v3, 16 Jan 2014) [math.FA]/2014, 34 pagini.
286. M. Măntoiu, D. Parra, Compactness criteria in Banach spaces in the setting of continuous frames, **Banach J. Math. Anal.** **8** (2014), no. 2, pag. 30–48
Citează: I. Beltiță, D. Beltiță, *Magnetic pseudo-differential Weyl calculus on nilpotent Lie groups*, **Ann. Global Anal. Geom.** **36** (2009), no. 3, pag. 293–322.
287. M. Măntoiu, D. Parra, Compactness criteria in Banach spaces in the setting of continuous frames, **Banach J. Math. Anal.** **8** (2014), no. 2, pag. 30–48
Citează: I. Beltiță, D. Beltiță, *Continuity of magnetic Weyl calculus*, **J. Funct. Anal.** **260** (2011), no. 7, 1944–1968.
288. G. Denham, A. I. Suciu, Multinets, parallel connections, and Milnor fibrations of arrangements, **Proceedings of the London Mathematical Society** **108** (2014), pag. 1435–1470
Citeaza: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
289. A. I. Suciu, Characteristic varieties and Betti numbers of free abelian covers, **International Mathematics Research Notices** **2014** (2014), pag. 1063–1124.
Citeaza: E. Artal Bartolo, J. Cogolludo, D. Matei *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
290. E. Artal Bartolo, J. Cogolludo, A. Libgober, Depth of cohomology support loci for quasi-projective varieties via orbifold pencils, **Revista Matematica Iberoamericana** **30**, (2014), pag. 373–404.
Citeaza: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.
291. S. Friedl, A. I. Suciu, Kähler groups, quasi-projective groups, and 3-manifold groups, **Journal of the London Mathematical Society** **89** (2014), pag. 151–168.
Citeaza: E. Artal Bartolo, J. Cogolludo, D. Matei, *Characteristic varieties of quasi-projective manifolds and orbifolds*, **Geom. Topol.** **17** (2013), pag. 273–309.

292. G. Denham, A. I. Suciu, Multinets, parallel connections, and Milnor fibrations of arrangements, **Proceedings of the London Mathematical Society** **108** (2014), pag. 1435–1470
Citeaza: D. Matei, A. I. Suciu, *Hall invariants, homology of subgroups, and characteristic varieties*, **Int. Math. Res. Not.** **2002** (2002), pag. 465–503.
293. A. I. Suciu, Hyperplane arrangements and Milnor fibrations, **Annales de la Faculté des Sciences de Toulouse** **23** (2014), pag. 417–481.
Citeaza: D. Matei, A. I. Suciu, *Hall invariants, homology of subgroups, and characteristic varieties*, **Int. Math. Res. Not.** **2002** (2002), pag. 465–503.
294. M. Bridson, A. Reid, Nilpotent Completions of Groups, Grothendieck Pairs, and Four Problems of Baumslag, **Int. Math. Res. Not.** **2014** (2014), pag. 437–477.
Citeaza: J. Hillman, D. Matei, M. Morishita, *Pro- p link groups and p -homology groups*, **Contemp. Math.** **416** (2006), pag. 121 – 136.
295. J. Ueki, On the homology of branched coverings of 3-manifolds, **Nagoya Math. J.** **213** (2014), pag. 21–39. *Citeaza:* J. Hillman, D. Matei, M. Morishita, *Pro- p link groups and p -homology groups*, **Contemp. Math.** **416** (2006), pag. 121 – 136.
296. E. Sernesi, The local cohomology of the jacobian ring, **Documenta Math.** **19** (2014) 541–565. *Citeaza:* D. Faenzi, D. Matei, J. Valles, *Hyperplane arrangements of Torelli type*, **Compositio Math.** **149** (2013), pag. 309 – 332.
297. R. Di Gennaro, G. Ilardi, J. Valles, Singular hypersurfaces characterizing the Lefschetz properties, **Documenta Math.** **89** (2014) 194–212. *Citeaza:* D. Faenzi, D. Matei, J. Valles, *Hyperplane arrangements of Torelli type*, **Compositio Math.** **149** (2013), pag. 309 – 332.
298. E. Angelini, Logarithmic bundles of hypersurface arrangements in \mathbf{P}^n , **Collectanea Mathematica** **65** (2014) 285–302. *Citeaza:* D. Faenzi, D. Matei, J. Valles, *Hyperplane arrangements of Torelli type*, **Compositio Math.** **149** (2013), pag. 309 – 332.
299. J. Ortigas-Galindo, Generators of the cohomology algebra of the complement to a rational algebraic curve in the weighted projective plane, **Comptes Rendus Mathématique** **352** (2014) pag. 65–70. *Citeaza:* J. Cogolludo, D. Matei, *Cohomology algebra of plane curves, weak combinatorial type, and formality*, **Trans. of the A.M.S.** **364** (2012), pag. 5765–5790.
300. Ada Boralevi, Emilia Mezzetti, Planes of matrices of constant rank and globally generated vector bundles, **arXiv:1402.2167** (2014)
Citeaza: C. Anghel, I. Coanda and N. Manolache, *Globally generated vector bundles on \mathbb{P}^n with $c_1 = 4$* , **Preprint, arXiv : 1305.3464 [math.AG]** (2013)
301. P Martin, P Rouchon, L Rosier: Null controllability of one-dimensional parabolic equations, <http://arxiv.org/abs/1410.2588>,
Citeaza: C. Cazacu: *Controllability of the heat equation with an inverse-square potential localized on the boundary*, **SIAM J. Control Optim.** **52** (2014), no. 4, 2055-2089.

302. B. Devyver, M. Fraas, Y. Pinchover: Optimal hardy weight for second-order elliptic operator: an answer to a problem of Agmon, **J. Funct. Anal.** **266** (2014), no. 7, 4422-4489,
Citeaza: C. Cazacu, E. Zuazua: *Improved multipolar Hardy inequalities*, *Studies in Phase Space Analysis with Applications to PDEs*, Progress in Nonlinear Differential Equations Appl., 84, Birkhauser/Springer, New York (2013), 3552, ISBN: 978-1-4614-6347-4.
303. B. Devyver, A spectral result for Hardy inequalities, **J. Math. Pures Appl.** (9) **102** (2014), no. 5, 813853,
Citeaza: C. Cazacu, E. Zuazua: *Improved multipolar Hardy inequalities*, *Studies in Phase Space Analysis with Applications to PDEs*, Progress in Nonlinear Differential Equations Appl., 84, Birkhauser/Springer, New York (2013), 3552, ISBN: 978-1-4614-6347-4.
304. G. P. Trachanas, N. B. Zographopoulos: A strongly singular parabolic problem on an unbounded domain, **Commun. Pure Appl. Anal.** **13** (2014), no. 2, 789-809,
Citeaza: C. Cazacu: *Schrodinger operators with boundary singularities: Hardy inequality, Pohozaev identity and controllability results*, **J. Funct. Anal.** **263** (2012), no. 12, 37413783.
305. M. Egert, R. H.-Dintelmann, J. Rehberg: Hardy's inequality for functions vanishing on a part of the boundary, Weierstra-Institut fur Angewandte Analysis und Stochastik, Leibniz-Institut im Forschungsverbund Berlin e. V., no. 1957, Berlin, ISSN 21985855,
Citeaza: C. Cazacu: *Schrodinger operators with boundary singularities: Hardy inequality, Pohozaev identity and controllability results*, **J. Funct. Anal.** **263** (2012), no. 12, 37413783.
306. X. R.-Oton, J. Serra: Local integration by parts and Pohozaev identities for higher order fractional Laplacians, **Discrete Contin. Dyn. Syst. A**, acceptat, disponibil online la <http://arxiv.org/pdf/1406.1107.pdf>,
Citeaza: C. Cazacu: *Schrodinger operators with boundary singularities: Hardy inequality, Pohozaev identity and controllability results*, **J. Funct. Anal.** **263** (2012), no. 12, 37413783.
307. Genoud F., Henry D., *Instability of Equatorial Water Waves with an Underlying Current*, **Journal of Mathematical Fluid Mechanics** (2014), DOI 10.1007/s00021-014-0175-4;
Citeaza: Ionescu-Kruse D., *Instability of edge waves along a sloping beach*, **Journal of Differential Equations** **256** (2014), 3999–4012.
308. Genoud F., Henry D., *Instability of Equatorial Water Waves with an Underlying Current*, **Journal of Mathematical Fluid Mechanics** (2014), DOI 10.1007/s00021-014-0175-4;
Citeaza: Ionescu-Kruse D., *Particle trajectories in linearized irrotational shallow water flows*, **Journal of Nonlinear Mathematical Physics** **15** (2008), 13–27.
309. Hsu H.-C., *Instability criteria for some geophysical equatorial edge waves*, **Applicable Analysis** (2014), DOI 10.1080/00036811.2014.936009;
Citeaza: Ionescu-Kruse D., *Instability of edge waves along a sloping beach*, **Journal of Differential Equations** **256** (2014), 3999–4012.
310. Henry D., Matioc A.-V., *On the symmetry of steady equatorial wind waves*, **Nonlinear Analysis - Real World Applications** **18** (2014), 50–56;

- Citeaza*: Ionescu-Kruse D., Matic A.-V., *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems A** **34** (2014), 3045–3060.
311. Khorsand Z., *Particle trajectories in the Serre equations*, **Applied Mathematics and Computation** **230** (2014), 35–42;
Citeaza: Ionescu-Kruse D., *Particle trajectories in linearized irrotational shallow water flows*, **Journal of Nonlinear Mathematical Physics** **15** (2008), 13–27.
312. Henry D., Matic A.-V., *On the existence of equatorial wind waves*, **Nonlinear Analysis: Theory, Methods & Applications** **101** (2014), 113–123;
Citeaza: Ionescu-Kruse D., Matic A.-V., *Small-amplitude equatorial water waves with constant vorticity: dispersion relations and particle trajectories*, **Discrete and Continuous Dynamical Systems A** **34** (2014), 3045–3060.
313. Eckhardt J., Kostenko A., *An isospectral problem for global conservative multi-peakon solutions of the Camassa-Holm equation*, **Communications in Mathematical Physics** **329** (2014), 893–918;
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
314. Jin J., Jiang Z., *Wave breaking of an integrable Camassa-Holm system with two components*, **Nonlinear Analysis: Theory, Methods & Applications** **95** (2014), 107–116;
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
315. Himonas A., Holliman C., *The Cauchy problem for a generalized Camassa-Holm equation*, **Advances in Differential Equations** **19** (2014), 161–200;
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
316. Kohlmann M., *The two-component Camassa-Holm system in weighted L^p spaces*, **ZAMM-Zeitschrift für Angewandte Mathematik und Mechanik** **94** (2014), 264–272;
Citeaza: Ionescu-Kruse D., *Variational derivation of the Camassa-Holm shallow water equation*, **Journal of Nonlinear Mathematical Physics** **14** (2007), 303–312.
317. Liu S.-X., Hua W., Guo Y.-X., *Research on the discrete variational method for a Birkhoffian system*, **Chinese Physics B** **23** (2014), art. no.: 064501;
Citeaza: Ionescu D., *A geometric Birkhoffian formalism for nonlinear RLC networks*, **Journal of Geometry and Physics** **56** (2006), 2545–2572.
318. Z. Abel, E. D. Demaine, M. L. Demaine, J. Itoh, A. Lubiw, C. Nara, J. O’Rourke: *Continuously Flattening Polyhedra Using Straight Skeletons*, in vol. Proc. 30th Annual Symposium on Computational Geometry (SoCG 2014), **ACM** (2014), 396–405
Citeaza: J. Itoh, C. Nara, C. Vîlcu, *Continuous flattening of convex polyhedra*, in vol. **Lecture Notes in Computer Science** **7579** (2012), 85–97, Springer Verlag
319. C. Nara: *Continuous flattening of some pyramids*, **Elem. Math.** **69** (2014), 45–56
Citeaza: J. Itoh, C. Nara, C. Vîlcu, *Continuous flattening of convex polyhedra*, in vol. **Lecture Notes in Computer Science** **7579** (2012), 85–97, Springer Verlag

320. Uguz, Selman, Conformally parallel $\text{Spin}(7)$ structures on solvmanifolds, **TURKISH JOURNAL OF MATHEMATICS** Volume: 38 Issue: 1 Pages: 166-178 Published: 2014
Citeaza: Dragomir, S.; Ornea, L. *Locally conformal Kahler geometry*, **Progress in Math.** 155, Birkhäuser (1998)
321. Dubickas, Arturas, Nonreciprocal units in a number field with an application to Oeljeklaus-Toma manifolds, **NEW YORK JOURNAL OF MATHEMATICS** Volume: 20 Pages: 257-274 Published: 2014
Citeaza: Dragomir, S.; Ornea, L. *Locally conformal Kahler geometry*, **Progress in Math.** 155, Birkhäuser (1998)
322. Dubickas, Arturas, Nonreciprocal units in a number field with an application to Oeljeklaus-Toma manifolds, **NEW YORK JOURNAL OF MATHEMATICS** Volume: 20 Pages: 257-274 Published: 2014
Citeaza: Ornea, L.; Verbitsky, M. *A report on locally conformally Kahler manifolds*, **Contemporary Mathematics** Volume: 542 Pages: 135-149 Published: 2011
323. Dubickas, Arturas, Nonreciprocal units in a number field with an application to Oeljeklaus-Toma manifolds, **NEW YORK JOURNAL OF MATHEMATICS** Volume: 20 Pages: 257-274 Published: 2014
Citeaza: Ornea, Liviu; Verbitsky, Misha *OELJEKLAUS-TOMA MANIFOLDS ADMITTING NO COMPLEX SUBVARIETIES*, **MATHEMATICAL RESEARCH LETTERS** Volume: 18 Issue: 4 Pages: 747-754 Published: JUL 2011
324. Fujiki, Akira; Pontecorvo, Massimiliano, Twistors and Bi-Hermitian Surfaces of Non-Kahler Type, **SYMMETRY INTEGRABILITY AND GEOMETRY-METHODS AND APPLICATIONS** Volume: 10 Article Number: 042 Published: 2014
Citeaza: Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces*, **ANNALES DE L INSTITUT FOURIER** Volume: 48 Issue: 4 (1998) 1107–1127
325. Massamba, Fortune; Tshikuna-Matamba, Tshikunguila, Horizontally submersions of contact CR-submanifolds, **TURKISH JOURNAL OF MATHEMATICS** Volume: 38 Issue: 3 Pages: 436-453 Published: 2014
Citeaza: Dragomir, S.; Ornea, L. *Locally conformal Kahler geometry*, **Progress in Math.** 155, Birkhäuser (1998)
326. Gonzalez-Davila, Jose Carmelo, Harmonicity and minimality of distributions on Riemannian manifolds via the intrinsic torsion, **REVISTA MATEMATICA IBEROAMERICANA** Volume: 30 Issue: 1 Pages: 247-275 Published: 2014
Citeaza: Ornea, L; Vanhecke, L. *Harmonicity and minimality of vector fields and distributions on locally conformal Kahler and hyperkahler manifolds*, **BULLETIN OF THE BELGIAN MATHEMATICAL SOCIETY-SIMON STEVIN** Volume: 12 Issue: 4 Pages: 543-555 Published: OCT-DEC 2005
327. Vuletescu, Victor, LCK metrics on Oeljeklaus-Toma manifolds versus Kronecker's theorem, **BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHÉMATIQUES DE ROUMANIE** Volume: 57 Issue: 2 Pages: 225-231 Published: 2014

- Citeaza:* Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces* ,
ANNALES DE L INSTITUT FOURIER Volume: 48 Issue: 4 (1998) 1107–1127
328. Vuletescu, Victor, LCK metrics on Oeljeklaus-Toma manifolds versus Kronecker's theorem, **BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE** Volume: 57 Issue: 2 Pages: 225-231
Published: 2014
*Citeaza:*Ornea, L.; Verbitsky, M. *A report on locally conformally Kahler manifolds* , **Contemporary Mathematics** Volume: 542 Pages: 135-149 **Published: 2011**
329. Vuletescu, Victor, LCK metrics on Oeljeklaus-Toma manifolds versus Kronecker's theorem, **BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE** Volume: 57 Issue: 2 Pages: 225-231
Published: 2014
*Citeaza:*Ornea, L.; Verbitsky, M. *Topology of locally conformal Kaehler manifolds with potential* , **International Mathematics Research Notices** Volume: 4 Pages: 117-126 **Published: 2010**
330. Vuletescu, Victor, LCK metrics on Oeljeklaus-Toma manifolds versus Kronecker's theorem, **BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE** Volume: 57 Issue: 2 Pages: 225-231
Published: 2014
*Citeaza:*Ornea, L.; Verbitsky, M. *Structure theorem for compact Vaisman manifolds* , **Mathematical Research Letters** Volume: 10 Issue: 5-6 Pages: 799-805 **Published: SEP-NOV 2003**
331. Boyer, Charles P.; Pati, Justin, On the equivalence problem for toric contact structures on S^3 -bundles over S^2 , **PACIFIC JOURNAL OF MATHEMATICS** Volume: 267 Issue: 2 Pages: 277-324 **Published: FEB 2014**
Citeaza: Boyer, Charles P.; Galicki, Krzysztof; Ornea, Liviu *Constructions in sasakian geometry* , **Mathematische Zeitschrift** Volume: 257 Issue: 4 Pages: 907-924 **Published: DEC 2007**
332. Lawrynówic, Julian; Marchiafava, Stefano; Castillo Alvarado, F. L.; et al., (Para)quaternionic geometry, harmonic forms, and stochastic relaxation, **Publicationes Mathematicae - Debrecen** Volume: 84 Issue: 1-2 Pages: 205-220 **Published: MAR 2014**
Citeaza: Marchiafava, S.; Ornea, L.; Pantilie, R. *Twistor theory for CR quaternionic manifolds and related structures* , **Monatshefte für Mathematik** Volume: 167 Issue: 3-4 Pages: 531-545 **Published: SEP 2012**
333. Nozawa, Hiraku, DEFORMATION OF SASAKIAN METRICS, **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** Volume: 366 Issue: 5 Pages: 2737-2771 Article Number: PII S0002-9947(2013)06020-5 **Published: MAY 2014**,
*Citeaza:*Ornea, L.; Verbitsky, M. *Structure theorem for compact Vaisman manifolds* , **MATHEMATICAL RESEARCH LETTERS** Volume: 10 Issue: 5-6 Pages: 799-805 **Published: SEP-NOV 2003**
334. Nozawa, Hiraku, DEFORMATION OF SASAKIAN METRICS, **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** Volume: 366 Issue: 5

- Pages: 2737-2771 Article Number: PII S0002-9947(2013)06020-5 Published: MAY 2014,**
Citeaza: Ornea, L.; Verbitsky, M. Locally conformal Kahler manifolds with potential ,
MATHEMATISCHE ANNALEN Volume: 348 Issue: 1 Pages: 25-33 Published: SEP 2010
335. Pantilie, Radu, Generalized quaternionic manifolds, **ANNALI DI MATEMATICA PURA ED APPLICATA Volume: 193 Issue: 3 Pages: 633-641 Published: JUN 2014**
Citeaza: Marchiafava, S.; Ornea, L.; Pantilie, R. Twistor theory for CR quaternionic manifolds and related structures , **MONATSHEFTE FUR MATHEMATIK Volume: 167 Issue: 3-4 Pages: 531-545 Published: SEP 2012**
336. Pantilie, Radu, Generalized quaternionic manifolds, **ANNALI DI MATEMATICA PURA ED APPLICATA Volume: 193 Issue: 3 Pages: 633-641 Published: JUN 2014**
Citeaza: Ianus, Stere; Marchiafava, Stefano; Ornea, Liviu; et al. Twistorial maps between quaternionic manifolds , **ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA-CLASSE DI SCIENZE Volume: 9 Issue: 1 Pages: 47-67 Published: 2010**
337. Pantilie, Radu, Generalized quaternionic manifolds, **ANNALI DI MATEMATICA PURA ED APPLICATA Volume: 193 Issue: 3 Pages: 633-641 Published: JUN 2014**
Citeaza: Ornea, L.; Pantilie, R. On holomorphic maps and Generalized Complex Geometry , **JOURNAL OF GEOMETRY AND PHYSICS Volume: 61 Issue: 8 Pages: 1502-1515 Published: AUG 2011**
338. Calvaruso, Giovanni; Perrone, Domenico, Metrics of Kaluza-Klein type on the anti-de Sitter space $H^{-1}(3)$, **MATHEMATISCHE NACHRICHTEN Volume: 287 Issue: 8-9 Pages: 885-902 Published: JUN 2014**
Citeaza: Ianus, Stere; Ornea, Liviu; Vilcu, Gabriel Eduard Submanifolds in Manifolds with Metric Mixed 3-Structures , **MEDITERRANEAN JOURNAL OF MATHEMATICS Volume: 9 Issue: 1 (2012) 105-128**
339. Ida, Cristian, A note on the basic Lichnerowicz cohomology of transversally locally conformally Kahlerian foliations, **HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS Volume: 43 Issue: 3 Pages: 413-423 Published: JUN 2014**
Citeaza: Dragomir, S.; Ornea, L. Locally conformal Kahler geometry, Progress in Math. 155, Birkhäuser (1998)
340. Ida, Cristian, A note on the basic Lichnerowicz cohomology of transversally locally conformally Kahlerian foliations, **HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS Volume: 43 Issue: 3 Pages: 413-423 Published: JUN 2014**
Citeaza: Ornea, L.; Verbitsky, M. Morse-Novikov cohomology of locally conformally Kahler manifolds , **JOURNAL OF GEOMETRY AND PHYSICS Volume: 59 Issue: 3 Pages: 295-305 Published: MAR 2009**
341. Davidov, Johann, Twistorial construction of minimal hypersurfaces, **INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS Volume:**

- 11 Issue: 6 Article Number: UNSP 1450064 Published: JUL 2014**
Citeaza: Dragomir, S.; Ornea, L. *Locally conformal Kahler geometry*, **Progress in Math. 155**, Birkhäuser (1998)
342. Davidov, Johann, Twistorial construction of minimal hypersurfaces, **INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS** Volume: **11 Issue: 6 Article Number: UNSP 1450064 Published: JUL 2014**
Citeaza: Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces* , **ANNALES DE L INSTITUT FOURIER** Volume: **48 Issue: 4** (1998) 1107–1127
343. Davidov, Johann, Twistorial construction of minimal hypersurfaces, **INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS** Volume: **11 Issue: 6 Article Number: UNSP 1450064 Published: JUL 2014**
*Citeaza:*Ornea, L.; Verbitsky, M. *Structure theorem for compact Vaisman manifolds* , **MATHEMATICAL RESEARCH LETTERS** Volume: **10 Issue: 5-6 Pages: 799-805 Published: SEP-NOV 2003**
344. Conti, Diego; Madsen, Thomas Bruun, The odd side of torsion geometry, **ANNALI DI MATEMATICA PURA ED APPLICATA** Volume: **193 Issue: 4 Pages: 1041-1067 Published: AUG 2014**
*Citeaza:*Grantcharov, G; Ornea, L *Reduction of Sasakian manifolds* , **JOURNAL OF MATHEMATICAL PHYSICS** Volume: **42 Issue: 8 Pages: 3809-3816 Published: AUG 2001**
345. Assel, Benjamin; Cassani, Davide; Martelli, Dario, Localization on Hopf surfaces, **JOURNAL OF HIGH ENERGY PHYSICS** Issue: **8 Article Number: 123 Published: AUG 21 2014**
Citeaza: Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces* , **ANNALES DE L INSTITUT FOURIER** Volume: **48 Issue: 4** (1998) 1107–1127
346. Cyril Closset, Thomas T. Dumitrescu, Guido Festuccia, Zohar Komargodski , The geometry of supersymmetric partition functions, **JOURNAL OF HIGH ENERGY PHYSICS: January 2014, 2014:124**
Citeaza: Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces* , **ANNALES DE L INSTITUT FOURIER** Volume: **48 Issue: 4** (1998) 1107–1127
347. Qi, Xuerong ; Cao, Linfen ; Li, Xingxiao , New hyper-Kahler structures on tangent bundles, **Communications in Mathematics**, vol. **22 (2014)**, issue **1**, pp. **13-30**
Citeaza: Ornea, L; Piccinni, P., *Locally conformal Kahler structures in quaternionic geometry* , **TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY** Volume: **349 Issue: 2** (1997) 641–655
348. Ida, Cristian, Stability of Tangential Locally Conformal Symplectic Forms, **Acta Universitatis Palackianae Olomucensis. Facultas Rerum Naturalium. Mathematica**, vol. **53 (2014)**, issue **1**, pp. **81-89**
*Citeaza:*Ornea, L.; Verbitsky, M. *Morse-Novikov cohomology of locally conformally Kahler manifolds* , **JOURNAL OF GEOMETRY AND PHYSICS** Volume: **59 Issue: 3 Pages: 295-305 Published: MAR 2009**

349. Verbitskaya, S.M., Curves on the Oeljeklaus-Toma manifolds, **Functional Analysis and Its Applications September 2014, Volume 48, Issue 3, pp 223-226**
Citeaza: Ornea, Liviu; Verbitsky, Misha *OELJEKLAUS-TOMA MANIFOLDS ADMITTING NO COMPLEX SUBVARIETIES*, **MATHEMATICAL RESEARCH LETTERS** Volume: 18 Issue: 4 Pages: 747-754 Published: JUL 2011
350. Agricola, Ilka; Ferreira, Ana Cristina, EINSTEIN MANIFOLDS WITH SKEW TORSION **QUARTERLY JOURNAL OF MATHEMATICS** Volume: 65 Issue: 3 Pages: 717-741 Published: SEP 2014
Citeaza: Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces*, **ANNALES DE L INSTITUT FOURIER** Volume: 48 Issue: 4 (1998) 1107–1127.
351. Pontecorvo, M., On a question of Vaisman concerning complex surfaces, **ANNALI DI MATEMATICA PURA ED APPLICATA** Volume: 193 Issue: 5 Pages: 1283-1293 Published: OCT 2014
Citeaza: Gauduchon, P; Ornea, L *Locally conformally Kahler metrics on Hopf surfaces*, **ANNALES DE L INSTITUT FOURIER** Volume: 48 Issue: 4 (1998) 1107–1127.
352. M.L. Fania, F. Flamini, Hilbert scheme of some threefold scrolls over \mathbb{F}_q , **arXiv preprint arXiv: 1406.0956** (2014),
Citeaza: M. Aprodu, V. Brinzanescu, *Moduli spaces of vector bundles over ruled surfaces*, **Nagoya mathematical Journal** 154 (1999), pag. 111 – 122
353. A. Dobrogowska, T. Golinski, Lie bundle on thye space of deformed skew-symmetric matrices, **arXiv preprint arXiv:1409.8550** (2014),
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
354. L.Di Terlizzi, A.M. Pastore, R. Wolak, Harmonic and holomorphic vector fields on an f-manifold with parallelizable kernel, **An of A.I. Cuza Univ.** 60 (1), (2014), 125 – 144.
Citeaza: V. Brinzanescu, R. Slobodeanu, *Holomorphicity and the Walczak formula on Sasakian manifolds*, **Journal of Geometry and Physics** 57 (1) (2006), pag. 193 – 207
355. C. L. Bejan, M. Crasmareanu, Second order parallel tensors and Ricci solitons in 3-dimensional normal paracontact geometry, **Annals of Global Analysis and Geometry** 46, (2014), pag. 117 – 127
Citeaza: V. Brinzanescu, R. Slobodeanu, *Holomorphicity and the Walczak formula on Sasakian manifolds*, **Journal of Geometry and Physics** 57 (1) (2006), pag. 193 – 207
356. K. Andrzejewski, V. Rovenski, P. Walczak, Integral Formulas in Foliation Theory, **Geometry and Its Applications / Springer Proceedings in Mathematics and Statistic** 72 Springer (2014),
Citeaza: V. Brinzanescu, R. Slobodeanu, *Holomorphicity and the Walczak formula on Sasakian manifolds*, **Journal of Geometry and Physics** 57 (1) (2006), pag. 193 – 207

357. M.A. Aprodu, M. Aprodu, Holomorphic vector bundles on Kahler manifolds and totally geodesic foliations on Euclidian open domains, **arXiv preprint arXiv:1409.3701** (2014) arXiv org,
Citeaza: M.A. Aprodu, M. Aprodu, V. Brinzanescu, *A class of harmonic submersions and minimal submanifolds*, **International Journal of Mathematics** **11 (09)** (2000), pag. 1177 – 1191
358. Charles Boyer, Justin Pati, On the equivalence problem for toric contact structures on S^3 -bundles over S^2 , **Pacific J. Math.** vol. **267**, no. **2** (2014), pag. 277 – 324
Citeaza: Liana David, Paul Gauduchon, *The Bochner-flat geometry of weighted projected spaces*, **Perspectives in Riemannian Geometry** (2006), pag. 109 – 156
359. Bogdan Ichim, Julio-Jose Moyano-Fernandez, How to compute the multigraded Hilbert depth of a module, **Math. Nachr.** **287** (2014), no. **11-12** (2014), pag. 1274 – 1287
Citeaza: Mircea Cimpoeas, *Stanley depth of complete intersection monomial ideals*, **Bull. Math. Soc. Sci. Math. Roumanie (N.S.)** **51(99)** (2008), pag. 205 – 211
360. Somayeh Bandari, Kamran Divaani-Aazar, Ali Soleyman Jahan, How to compute the multigraded Hilbert depth of a module, **Kodai Math. J.** **37** no. **2** (2014), pag. 396–404
Citeaza: Mircea Cimpoeas, *Stanley depth of monomial ideals with small number of generators*, **Central European Journal of Mathematics** **7(4)** (2009), pag. 629 – 634
361. Sarah Mayes, The limiting shape of the generic initial system of a complete intersection, **Communications in Algebra** **42**, no. **5** (2014), pag. 2299–2310
Citeaza: Mircea Cimpoeas, *Generic initial ideal for complete intersections of embedding dimension three with strong Lefschetz property*, **Bull. Math. Soc. Sci. Math. Roumanie (N.S.)** **50(98)**, no. **1** (2007), pag. 33 – 66
362. Somayeh Bandari, Kamran Divaani-Aazar, Ali Soleyman Jahan, How to compute the multigraded Hilbert depth of a module, **Kodai Math. J.** **37** no. **2** (2014), pag. 396–404
Citeaza: Mircea Cimpoeas, *The Stanley conjecture on monomial almost complete intersection ideals*, **Bull. Math. Soc. Sci. Math. Roumanie (N.S.)** **55(103)** no. **1** (2012), pag. 35 – 39
363. B Jia, E Sharpe, R Wu, Notes on nonabelian $(0, 2)$ theories and dualities, arXiv preprint arXiv:1401.1511
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, *Homological projective duality via variation of geometric invariant theory quotients*
364. Ballard, Favero, Katzarkov, A category of kernels for equivariant factorizations, II: further implications, **Journal de Mathematiques Pures et Appl** , 2014
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, *Homological projective duality via variation of geometric invariant theory quotients*
365. B Jia, Aspects of Supersymmetry, vtechworks.lib.vt.edu
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, *Homological projective duality via variation of geometric invariant theory quotients*

366. Segal, Thomas, Quintic threefolds and Fano elevenfolds, arXiv preprint arXiv:1410.6829
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, Homological projective duality via variation of geometric invariant theory quotients
367. Calabrese, Thomas, Derived Equivalent Calabi-Yau 3-folds from Cubic 4-folds, arXiv preprint arXiv:1408.4063
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov Homological projective duality via variation of geometric invariant theory quotients
368. Ballard, Favero, Katzarkov, A category of kernels for equivariant factorizations, II: further implications, Journal de Mathmatiques Pures et , 2014
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, Resolutions in factorization categories
369. Polishchuk, Homogeneity of cohomology classes associated with Koszul matrix factorizations, arXiv preprint arXiv:1409.7115
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, Resolutions in factorization categories
370. Banerjee, D., Differential modular forms on Shimura curves over totally real fields, **Journal of Number Theory** **135** (2014), pag. 353 – 373,
*Citeaza: Barcau, M., Isogeny covariant differential modular forms and the space of elliptic curves up to isogeny, Compositio Mathematica **137**, no. **3** (2003), pag. 237 – 273.*
371. Banerjee, D., Differential modular forms on Shimura curves over totally real fields, **Journal of Number Theory** **135** (2014), pag. 353 – 373,
Citeaza: Barcau, M.; Buium, A., Siegel differential modular forms, International Mathematics Research Notices no. **28** (2002), pag. 1457 – 1503.
372. S. Saadi and A. Mehri, L^1 -Error Estimate of Schwarz Algorithm for Noncoercive Variational Inequalities, **Applied Mathematics**, **5**, **3** (2014), pag. 572-580
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.
373. X. Yi, X.Wang,W. Chen,W.Wan, H. Zhao and F. Gao, Full domain-decomposition scheme for diffuse optical tomography of large-sized tissues with a combined CPU and GPU parallelization, **Applied Optics**, **53**, **13** (2014), pag. 2754-2765
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.
374. M. Cermak, T. Kozubek, S. Sysala and J. Valdman, A TFETI Domain Decomposition Solver for Elastoplastic Problems, **Applied Mathematics and Computation**, **231** (2014), pag. 634-653
Citeaza: L. Badea and P. Gilormini, Application of a Domain Decomposition Method to Elasto-plastic Problems, Int. J. Solids Structures, Vol. 31, No. 5 (1994), pag. 643-656

375. C. Mora-Corral, Quasistatic evolution of cavities in nonlinear elasticity, **SIAM Journal on Mathematical Analysis**, **46**, **1** (2014), pag. 532-571
Citeaza: L. Badea and M. Predeleanu, *On the dynamic cavitation in solids*, in **Advanced Methods in Materials Processing Defects**, M. Predeleanu and P. Gilormini (eds), Elsevier (1997), pag. 3-13
376. H. Song, R. Zhang and W. Y. Tian, Spectral Method for the Black-Scholes Model of American Options Valuation, **J. Math. Study**, **47**, **1** (2014), pag. 47-64
Citeaza: L. Badea and J.Wang, *A new formulation for the valuation of American options, I: Solution uniqueness*, **Analysis and Scientific Computing**, Eun-Jae Park and Jongwoo Lee (Eds.), **Proceedings of the 19th Daewoo Workshop in Pure Mathematics, Volume 19, Part II** (1999), pag. 3-16
377. K. Zhang, H. Song and J. Li, Front-fixing FEMs for the pricing of American options based on a PML technique, **Applicable Analysis: An International Journal** (2014), DOI:10.1080/00036811.2014.907563
Citeaza: L. Badea and J.Wang, *A new formulation for the valuation of American options, I: Solution uniqueness*, **Analysis and Scientific Computing**, Eun-Jae Park and Jongwoo Lee (Eds.), **Proceedings of the 19th Daewoo Workshop in Pure Mathematics, Volume 19, Part II** (1999), pag. 3-16
378. R. Zhang, H. Song and N. Luan, Weak Galerkin finite element method for valuation of American options, **Frontiers of Mathematics in China**, **9**, **2** (2014), pag. 455-476
Citeaza: L. Badea and J.Wang, *A new formulation for the valuation of American options, I: Solution uniqueness*, **Analysis and Scientific Computing**, Eun-Jae Park and Jongwoo Lee (Eds.), **Proceedings of the 19th Daewoo Workshop in Pure Mathematics, Volume 19, Part II** (1999), pag. 3-16
379. M. Chau, T. Garcia and P. Spiteri, Asynchronous Schwarz methods applied to constrained mechanical structures in grid environment, **Advances in Engineering Software** (2014), 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
380. L. Z. Khodja, Résolution de systèmes linéaires et non linéaires creux sur grappes de GPUs, **PhD Thesis, l'Université de Franche-Comté, France** (2014), HAL Id: tel-00947627, <https://tel.archives-ouvertes.fr/tel-00947627>
Citeaza: L. Badea and J. Wang, *An Additive Schwarz method for variational inequalities*, **Math. of Comp.**, **69**, **232** (2000), pag. 1341-1354
381. S. Xie, H. Xu and Y. Zeng, A monotone Newton multisplitting method for the nonlinear complementarity problem with a nonlinear source term, **International Journal of Computer Mathematics** (2014), DOI:10.1080/00207160.2014.935733
Citeaza: L. Badea and J. Wang, *An Additive Schwarz method for variational inequalities*, **Math. of Comp.**, **69**, **232** (2000), pag. 1341-1354
382. B. Adcock and D. Huybrechs, On the resolution power of Fourier extensions for oscillatory functions, **Journal of Computational and Applied Mathematics**, **260** (2014), pag. 312-336

- Citeaza*: L. Badea and P. Daripa, *On a Fourier method of embedding domains using an optimal distributed control*, **Numerical Algorithms**, **32** (2003), pag. 261-273
383. M. Chau, T. Garcia and P. Spiteri, Asynchronous Schwarz methods applied to constrained mechanical structures in grid environment, **Advances in Engineering Software**, **74** (2014), 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
384. L. Z. Khodja, Résolution de systèmes linéaires et non linéaires creux sur grappes de GPUs, **PhD Thesis, l'Université de Franche-Comté, France, 2013, HAL Id:tel-00947627** (2014), <https://tel.archives-ouvertes.fr/tel-00947627>
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
385. S. Saadi and A. Mehri, L1-Error Estimate of Schwarz Algorithm for Noncoercive Variational Inequalities, **Applied Mathematics**, **5** (2014), pag. 572-580
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
386. G. Tran, H. Schaeffer, W. M. Feldman and S. J. Osher, An L1 Penalty Method for General Obstacle Problems, **arXiv:1404.1370 [math.NA] 2014** (2014)
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
387. H. Xu, K. Huang, S. Xie and Z. Sun, Restricted additive Schwarz method for a kind of nonlinear complementarity problem, **Journal of Computational Mathematics**, **32**, **5** (2014), pag. 547-559
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
388. G. Tran, H. Schaeffer, W. M. Feldman and S. J. Osher, An L^1 Penalty Method for General Obstacle Problems, **arXiv:1404.1370 [math.NA] 2014** (2014)
Citeaza: L. Badea, *Convergence rate of a multiplicative Schwarz method for strongly nonlinear variational inequalities*, **Analysis and Optimization of Differential Systems**, **V.Barbu, I. Lasiecka, D. Tiba and C. Varsan, Eds, Kluwer Academic Publishers** (2003), pag. 31-42
389. Y. Huang, A. A. C. Guéry and J. F. Shao, Incremental variational approach for time dependent deformation in clayey rock, **International Journal of Plasticity**, **64** (2015), pag. 88-103
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

390. H. Attouch, L. M. Briceno-Arias and P. L. Combettes, A Strongly Convergent Primal-Dual Method for Nonoverlapping Domain Decomposition, **arXiv:1410.4531 [math.NA]** (2014)
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
391. R. Kornhuber, C. Schwab and M. Wolf, Multi-Level Monte-Carlo Finite Element Methods for stochastic elliptic variational inequalities, **SIAM J. Numer. Anal.**, **52**, **3** (2014), pag. 1243-1268
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
392. D. R. Merlusca, Aplicatii ale dualitatii in unele probleme de optimizare infinit dimensionale, **PhD Thesis, Academia Romana, Institutul de Matematica 'Simion Stoilow'** (2014)
Citeaza: L. Badea, *One- and Two-Level Domain Decomposition Methods for Nonlinear Problems*, **B.H.V. Topping, P. Ivanyi, (Eds.), Proceedings of the First International Conference on Parallel, Distributed and Grid Computing for Engineering, Civil-Comp Press, Stirlingshire, UK, Paper 6** (200), doi:10.4203/ccp.90.6
393. Y. Cao, M. Gunzburger, X. He and X. Wang, Parallel, non-iterative, multiphysics, domain decomposition methods for the time-dependent Stokes-Darcy systems, **Math. Comp.**, **83** (2014), pag. 1617-1644
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
394. M. Discacciati, P. Gervasio and A. Quarteroni, Interface control domain decomposition (ICDD) method for Stokes-Darcy coupling, **MOXReport No. 17/2014, MOX, Dipartimento di Matematica 'F. Brioschi' Politecnico di Milano, Italy** (2014), <http://mox.polimi.it>
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
395. V. Girault, D. Vassiliev and I. Yotov, Mortar multiscale finite element methods for Stokes/Darcy flows, **Numerische Mathematik**, **127**, **1** (2014), pag. 93-165
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
396. D. Han, X. Wang and H. Wu, Existence and uniqueness of global weak solutions to a Cahn-Hilliard-Stokes-Darcy system for two phase incompressible flows in karstic geometry, **arXiv:1405.5415 [math.AP]** (2014)
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
397. M. Kubacki, Higher-order, strongly stable methods for uncoupling groundwater surface water flow, **PhD Thesis, University of Pittsburgh** (2014), [http://d-scholarship.pitt.edu/21894/1/Kubacki Dissertation Final3.pdf](http://d-scholarship.pitt.edu/21894/1/Kubacki%20Dissertation%20Final3.pdf)

- Citeaza*: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
398. R. Oyarzúa, A mixed - FEM for the coupling of Navier-Stokes and Darcy equations, **8th CI2MA Focus Seminar Numerical Analysis for PDEs: Theory, Methods, and Applications Universidad de Concepción** (2014)
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
399. Z. Si, Y. Wang and S. Li, Decoupled modified characteristics finite element method for the time dependent Navier-Stokes/Darcy problem, **Mathematical Methods in the Applied Sciences**, **37**, **9** (2014), pag. 1392-1404
Citeaza: L. Badea, M. Discacciati and A. Quarteroni, *Mathematical analysis of the Navier-Stokes/Darcy coupling*, **Numer. Math.**, **115**, **2** (2010), pag. 195-227
400. R. Kornhuber, C. Schwab and M. Wolf, Multi-Level Monte-Carlo Finite Element Methods for stochastic elliptic variational inequalities, **SIAM J. Numer. Anal.**, **52**, **3** (2014), pag. 1243-1268
Citeaza: L. Badea, *Global convergence rate of a standard multigrid method for variational inequalities* **IMA J. Numer. Anal.** (2014), pag. 197-216
401. J. Avigad, J. Rute, Oscillation and the mean ergodic theorem in uniformly convex Banach spaces, **Ergodic Theory and Dynamical System** (2014), doi: 10.1017/etds.2013.90
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
402. J. Avigad, J. Rute, Oscillation and the mean ergodic theorem in uniformly convex Banach spaces, **Ergodic Theory and Dynamical System** (2014), doi: 10.1017/etds.2013.90
Citeaza: U. Kohlenbach, L. Leuştean, *Effective metastability of Halpern iterates in $CAT(0)$ spaces*, **Advances in Mathematics** **231** (2012), pag. 2526 – 2556
403. S. Banert, Backward-backward splitting in Hadamard spaces, **Journal of Mathematical Analysis and Applications** **414** (2014), pag. 656–665
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
404. A. Dvurecenskij, T. Kowalski, Kites and pseudo BL-algebras, **Algebra universalis** **73** (2014), pag. 235–260
Citeaza: G. Georgescu, L. Leuştean, V. Preoteasa, *Pseudo-hoops*, **Journal of Multiple-Valued Logic and Soft Computing** **11** (2005), pag. 153 – 184
405. A. Fernandez-Leon, A. Nicolae, Best Proximity Pair Results for Relatively Nonexpansive Mappings in Geodesic Spaces, **Numerical Functional Analysis and Optimization** **35** (2014), pag. 1399–1418
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, **Journal of Mathematical Analysis and Applications** **325** (2007), pag. 386 – 399

406. A. Fernandez-Leon, A. Nicolae, Best Proximity Pair Results for Relatively Nonexpansive Mappings in Geodesic Spaces, **Numerical Functional Analysis and Optimization** 35 (2014), pag. 1399–1418
Citeaza: L. Leuştean, *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, **Contemporary Mathematics** 513 (2007), pag. 193 – 209
407. M. Gehrke, S.J. van Gool, V. Marra, Sheaf representations of MV-algebras and lattice-ordered abelian groups via duality, **Journal of Algebra** 417 (2014), pag. 290–332
Citeaza: A. Di Nola, L. Leuştean, *Compact representations of BL-algebras*, **Archive for Mathematical Logic** 42 (2003), pag. 737 – 761
408. M.A.A. Khan, U. Kohlenbach, Quantitative image recovery theorems, **Nonlinear Analysis: Theory, Methods & Applications** 106 (2014), 138–150
Citeaza: L. Leuştean, *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, **Journal of Mathematical Analysis and Applications** 325 (2007), pag. 386 – 399
409. I. Oppenheim, Fixed point theorem for reflexive Banach spaces and uniformly convex non positively curved metric spaces, **Mathematische Zeitschrift**, 2014, 10.1007/s00209-014-1329-z
Citeaza: U. Kohlenbach, L. Leuştean, *Asymptotically nonexpansive mappings in uniformly convex hyperbolic spaces*, **Journal of the European Mathematical Society** 12 (2010), pag. 71 – 92
410. K.R. Daly and T. Rose, Multiscale modelling of hydraulic conductivity in vuggy porous media, **Proc. Roy. Soc. A** 470 (2014), pag. 1-21
Citeaza: H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
411. W. Freeden and H. Nutz, Mathematical Methods, **Handbuch Tiefe Geothermie**, **Springer** (2014), pag. 125-221
Citeaza: H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
412. N. Patterson, Mixed-Cell Methods for Diffusion Problems in Multiphase Systems, **PHD thesis at University of Michigan** (2014)
Citeaza: H.I. Ene and D. Poliřevki, *Thermal Flow in Porous Media*, **D.Reidel Pub.Co., Dordrecht, Holland** (1987), 208 pages
413. J.M. Arrieta and M. Villanueva-Pesqueira, Unfolding operator method for thin domains with a locally periodic highly oscillatory boundary, **arXiv:1407.0912v1[math.AP]** (2014)
Citeaza: D. Poliřevki and 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
414. M. Ptashnyk, Locally periodic unfolding method and two-scale convergence on surfaces of locally periodic microstructures, **arXiv:1407.3821v1[math.AP]** (2014)
Citeaza: D. Poliřevki and 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

415. B. Amaziane, L. Pankratov and A. Piatnitski, Homogenization of immiscible compressible two-phase flow in highly heterogeneous porous media with discontinuous capillary pressures, **Math. Models Methods Appl. Sci.** **24(7)** (2014), pag. 14211451
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
416. K.R. Daly and T. Rose, Multiscale modelling of hydraulic conductivity in vuggy porous media, **Proc. Roy. Soc. A** **470** (2014), pag. 1-21
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
417. H.I. Ene and C. Timofte, Microstructure models for composites with imperfect interface via the periodic unfolding method, **Asymp. Anal.** **89(1-2)** (2014), pag. 111122
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
418. G. Griso and E. Rohan, Homogenization of diffusion-deformation in dual-porous medium with discontinuity interfaces, **Asymp. Anal.** **86(2)** (2014), pag. 5998
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
419. A. Sili, Diffusion through a composite structure with a high contrasting diffusivity, **Asymp. Anal.** **89(1-2)** (2014), pag. 173187
Citeaza: H.I. Ene and D. Poliřevki, *Model of diffusion in partially fissured media*, **J. Appl. Math. Phys. (ZAMP)**, **53(6)** (2002), pag. 1052-1059
420. P Guo, C Wei, W Xiong, C Zhao *Exact Boundary Controller Design for a Kind of Enhanced Oil Recovery Models*, **Abstract and Applied Analysis**, **2014 - hindawi.com**.
Citeaza: Daripa, Prabir;Pasa, Gelu, *An optimal viscosity profile in enhanced oil recovery by polymer flooding* **International journal of engineering science** **42 (19)**, (2004), 2029-2039.
421. G Li, S Guo, S Wang, B Lu, *Dewatering and Recycling of Aged Emulsions From Polymer Flooding*, **Petroleum Science and Technology**, **2014- Taylor & Francis**
Citeaza: Daripa, Prabir;Pasa, Gelu, *An optimal viscosity profile in enhanced oil recovery by polymer flooding* **International journal of engineering science** **42 (19)**, (2004), 2029-2039.
422. Louis H. Kauffman ; Sam J. Lomonaco , Quantum diagrams and quantum networks , **Quantum Information and Computation XII Eric Donkor; Andrew R. Pirich; Howard E. Brandt; Michael R. Frey; Samuel J. Lomonaco; John M. Myers, Baltimore, Maryland, USA** (2014), doi:10.1117/12.2051265 ,
Citeaza: Marius Buliga, Louis H. Kauffman, *GLC actors, artificial chemical connectomes, topological issues and knots*, **arXiv:1312.4333 [cs.DC]** (2013), pag. 1 – 27
423. Louis H. Kauffman ; Sam J. Lomonaco , Quantum diagrams and quantum networks , **Quantum Information and Computation XII Eric Donkor; Andrew R. Pirich; Howard E. Brandt; Michael R. Frey; Samuel J. Lomonaco; John M. Myers Baltimore, Maryland, USA** (2014), doi:10.1117/12.2051265 ,

- Citeaza*: Marius Buliga, *Chemical concrete machine*, **arXiv:1309.6914** (2013), DOI: 10.6084/m9.figshare.830457
424. Avishy Y. Carmi, Daniel Moskovich, Tangle Machines I: Concept, **arXiv:1404.2862 [cs.IT]** (2014),
Citeaza: Marius Buliga, Louis H. Kauffman, *GLC actors, artificial chemical connectomes, topological issues and knots*, **arXiv:1312.4333 [cs.DC]** (2013), pag. 1 – 27
425. Avishy Y. Carmi, Daniel Moskovich, Tangle Machines I: Concept, **arXiv:1404.2862 [cs.IT]** (2014),
Citeaza: Marius Buliga, *Graphic lambda calculus*, **Complex Systems** **22**, **4** (2013), pag. 311 – 360
426. Avishy Y. Carmi, Daniel Moskovich, Tangle Machines I: Concept, **arXiv:1404.2862 [cs.IT]** (2014),
Citeaza: Marius Buliga, *Emergent algebras*, **arXiv:0907.1520** (2009)
427. Avishy Y. Carmi, Daniel Moskovich, Tangle Machines I: Concept, **arXiv:1404.2862 [cs.IT]** (2014),
Citeaza: Marius Buliga, *Braided spaces with dilations and sub-riemannian symmetric spaces*, **Geometry. Exploratory Workshop on Differential Geometry and its Applications**, eds. **D. Andrica, S. Moroianu, Cluj-Napoca** (2011), pag. 21 – 35
428. Avishy Y. Carmi, Daniel Moskovich, Tangle Machines I: Concept, **arXiv:1404.2862 [cs.IT]** (2014),
Citeaza: Marius Buliga, *Computing with space: a tangle formalism for chora and difference* , **arXiv:1103.6007** (2011)
429. Avishy Y. Carmi, Daniel Moskovich, Tangled Interactive Proofs, **arXiv:1408.2685** (2014),
Citeaza: Marius Buliga, Louis H. Kauffman, *GLC actors, artificial chemical connectomes, topological issues and knots*, **arXiv:1312.4333 [cs.DC]** (2013), pag. 1 – 27
430. Avishy Y. Carmi, Daniel Moskovich, Tangled Interactive Proofs, **arXiv:1408.2685** (2014),
Citeaza: Marius Buliga, *Computing with space: a tangle formalism for chora and difference* , **arXiv:1103.6007** (2011)
431. Masato Kimura, Takeshi Takaiishi , A Phase Field Approach to Mathematical Modeling of Crack Propagation. **A Mathematical Approach to Research Problems of Science and Technology Mathematics for Industry Volume 5**, (2014), 161170
Citeaza: M. Buliga, *Energy Minimizing Brittle Crack Propagation*, **J. of Elasticity vol. 52(3)** (1999), pag. 201 – 238
432. Augusto Visintin, An extension of the Fitzpatrick theory, **Communications on Pure and Applied Analysis Volume 13 Number 5** (2014), pag. 2039-2058
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws* , **J. Convex Anal.** **15(1)** (2008), pag.87104
433. Long Cheng, Géry de Saxcé, Djimedo Kondo , Macroscopic Modeling of Porous Non-associated Frictional Materials, **Direct Methods for Limit States in Structures and Materials**, **Springer** (2014), pag. 181-201

- Citeaza*: M. Buliga, G. de Saxcé, C. Vallée, *Existence and construction of bipotentials for graphs of multivalued laws*, **J. Convex Anal.** **15(1)** (2008), pag.87104
434. Long Cheng, Géry de Saxcé, Djimedo Kondo, Macroscopic Modeling of Porous Non-associated Frictional Materials, **Direct Methods for Limit States in Structures and Materials, Springer** (2014), pag. 181-201
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Bipotentials for non-monotone multivalued operators: fundamental results and applications*, **Acta Appl. Math.** **110(2)** (2010), pag.955972
435. Long Cheng, Géry de Saxcé, Djimedo Kondo, Macroscopic Modeling of Porous Non-associated Frictional Materials, **Direct Methods for Limit States in Structures and Materials, Springer** (2014), pag. 181-201
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Blurred constitutive laws and bipotential convex covers*, **Math Mech Solids** **16** (2011), pag.161-171
436. Long Cheng, Géry de Saxcé, Djimedo Kondo, Macroscopic Modeling of Porous Non-associated Frictional Materials, **Direct Methods for Limit States in Structures and Materials, Springer** (2014), pag. 181-201
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Non-maximal cyclically monotone graphs and construction of a bipotential for the Coulombs dry friction law*, **J. Convex Anal.**, **17(1)** (2010), pag.8194
437. Long Cheng, Géry de Saxcé, Djimedo Kondo, Macroscopic Modeling of Porous Non-associated Frictional Materials, **Direct Methods for Limit States in Structures and Materials, Springer** (2014), pag. 181-201
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Blurred maximal cyclically monotone sets and bipotentials*, **Anal Appl** **8** (2010), pag.323336
438. Luca Placidi, A variational approach for a nonlinear 1-dimensional second gradient continuum damage model, **Continuum Mechanics and Thermodynamics February 2014** (2014), pag. 1-16
Citeaza: M. Buliga, *Energy Minimizing Brittle Crack Propagation*, **J. of Elasticity vol. 52(3)** (1999), pag. 201 – 238
439. A. Matei, A Variational Approach Via Bipotentials for a Class of Frictional Contact Problems, **Acta Applicandae Mathematicae December 2014, Volume 134, Issue 1** (2014), pag. 45-59
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Bipotentials for non-monotone multivalued operators: fundamental results and applications*, **Acta Appl. Math.** **110(2)** (2010), pag.955972
440. A. Matei, A Variational Approach Via Bipotentials for a Class of Frictional Contact Problems, **Acta Applicandae Mathematicae December 2014, Volume 134, Issue 1** (2014), pag. 45-59
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *Non-maximal cyclically monotone graphs and construction of a bipotential for the Coulombs dry friction law*, **J. Convex Anal.**, **17(1)** (2010), pag.8194

441. A. Matei, A Variational Approach Via Bipotentials for a Class of Frictional Contact Problems, **Acta Applicandae Mathematicae** December 2014, Volume 134, Issue 1 (2014), pag. 45-59
Citeaza: M. Buliga, G. de Saxcé, C. Vallée, *A variational formulation for constitutive laws described by bipotentials*, **Mathematics and Mechanics of Solids** 18(2013), no. 1 (2013), pag.78-90
442. T. Roche, R. Rossi, Stability results for doubly nonlinear differential inclusions by variational convergence, **SIAM JOURNAL ON CONTROL AND OPTIMIZATION**, Volume: 52, Issue: 2, (2014), pag. 1071-1107
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 – 104
443. T. Roche, R. Rossi, Stability results for doubly nonlinear differential inclusions by variational convergence, **SIAM JOURNAL ON CONTROL AND OPTIMIZATION**, Volume: 52, Issue: 2, (2014), pag. 1071-1107
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
444. Patrizio Neff, Ionel-Dumitrel Ghiba, Johannes Lankeit, The exponentiated Hencky-logarithmic strain energy. Part I: Constitutive issues and rank-one convexity, **arXiv:1403.3843** (2014),
Citeaza: M Buliga, *Four applications of majorization to convexity in the calculus of variations*, **Linear Alg Appl** 429(7) (2008), pag. 1528 – 1545
445. Autorii: S. Shadrin, L. Spitz, D. Zvonkine, *Equivalence of ELSV and Bouchard-Mario conjectures for r -spin Hurwitz numbers*, **Mathematische Annalen**, August 2014.
Citeaza: O. Dumitrescu, M. Mulase, B. Safnuk, A. Sorkin *The Spectral Curve of the Eynard-Orantin Recursion via the Laplace Transform in Algebraic and Geometric Aspects of Integrable Systems and Random Matrices*, Dzhamay, Maruno and Pierce, Eds. Contemporary Mathematics 593, (2013), pag. 263–315.
446. Autorii: T. Milanov, *The Eynard–Orantin recursion for the total ancestor potential*, **Duke Mathematical Journal** 163 (2014), no. 9, 1795–1824. *Citeaza:* O. Dumitrescu, M. Mulase, B. Safnuk, A. Sorkin *The Spectral Curve of the Eynard-Orantin Recursion via the Laplace Transform in Algebraic and Geometric Aspects of Integrable Systems and Random Matrices*, Dzhamay, Maruno and Pierce, Eds. Contemporary Mathematics 593, (2013), pag. 263–315.
447. Gwenael Massuyeau, *Splitting formulas for the LMO invariant of rational homology three-spheres*, **Algebr. Geom. Topol.** (to appear)
Citeaza: D. Cheptea, K. Habiro, G. Massuyeau, *A functorial LMO invariant for Lagrangian cobordisms*, **Geom. Topol.** 12, no. 2 (2008), 1091 – 1170
448. Dror Bar-Natan, Zsuzsanna Dancso, *Finite Type Invariants of w -Knotted Objects II: Tangles, Foams and the Kashiwara-Vergne Problem*, arXiv:1405.1955
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

449. Monaco, Domenico; Panati, Gianluca, Topological Invariants of Eigenvalue Intersections and Decrease of Wannier Functions in Graphene, **JOURNAL OF STATISTICAL PHYSICS Volume: 155** (2014), 1027-1071
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.
450. Green, William R., Time decay estimates for the wave equation with potential in dimension two, **JOURNAL OF DIFFERENTIAL EQUATIONS Volume: 257** (2014), pag.868-919
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
451. Erdogan, M. Burak; Goldberg, Michael; Green, William R., Dispersive Estimates for Four Dimensional Schrodinger and Wave Equations with Obstructions at Zero Energy, **COMMUNICATIONS IN PARTIAL DIFFERENTIAL EQUATIONS Volume: 39** (2014), pag. 1936-1964
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
452. Mueller, Joern; Strohmaier, Alexander, THE THEORY OF HAHN-MEROMORPHIC FUNCTIONS, A HOLOMORPHIC FREDHOLM THEOREM, AND ITS APPLICATIONS, **ANALYSIS and PDE Volume: 7** (2014), pag. 745-770
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
453. Jia, Xiaoyao; Zhao, Yan; Zhai, Haoyu, Asymptotic Behaviors of the Eigenvalues of Schrodinger Operator with Critical Potential, **ABSTRACT AND APPLIED ANALYSIS** (2014), Article Number: 170397
Citeaza: A. Jensen, G. Nenciu , A unified approach to resolvent expansions at thresholds, REVIEWS IN MATHEMATICAL PHYSICS, 13 (2001) , 717-754.
454. De Nittis, Giuseppe; Lein, Max, Effective Light Dynamics in Perturbed Photonic Crystals, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 332** (2014), pag. 221-260
Citeaza: G. Nenciu, EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS, COMMUNICATIONS IN MATHEMATICAL PHYSICS 91, (1983), 81-85.
455. Xi, Jinyang; Wang, Dong; Yi, Yuanping; et al., Electron-phonon couplings and carrier mobility in graphynes sheet calculated using the Wannier-interpolation approach **JOURNAL OF CHEMICAL PHYSICS Volume: 141** (2014), Article Number: 034704
Citeaza: G. Nenciu, EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS, COMMUNICATIONS IN MATHEMATICAL PHYSICS 91, (1983), 81-85.
456. Monaco, Domenico; Panati, Gianluc, Topological Invariants of Eigenvalue Intersections and Decrease of Wannier Functions in Graphene, **JOURNAL OF STATISTICAL PHYSICS Volume: 155** (2014), pag. 1027-1071

- Citeaza:* G. Nenciu, *EXISTENCE OF THE EXPONENTIALLY LOCALIZED WANNIER FUNCTIONS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **91**, (1983), 81-85.
457. Brif, Constantin; Grace, Matthew D.; Sarovar, Mohan; et al., Exploring adiabatic quantum trajectories via optimal control , **NEW JOURNAL OF PHYSICS** **Volume: 16** (2014), pag. Article Number: 065013
Citeaza: G. Nenciu, *Adiabatic theorem of quantum mechanics*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL** **13** (1980), L15-L18.
458. Braverman, Maxim, The Berry phase and the phase of the determinant, **JOURNAL OF MATHEMATICAL PHYSICS** **Volume: 55** (2014), Article Number: 042106
Citeaza: G. Nenciu, *Adiabatic theorem of quantum mechanics*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL** **13** (1980), L15-L18.
459. Gaitan, Frank; Clark, Lane, Graph isomorphism and adiabatic quantum computing, **PHYSICAL REVIEW A** **Volume: 89** (2014), pag. Article Number: 022342
Citeaza: G. Nenciu, *Adiabatic theorem of quantum mechanics*, **JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL** **13** (1980), L15-L18.
460. Dimassi, Mouez; Anh Tuan Duong, Trace asymptotics formula for the Schrodinger operators with constant magnetic fields , **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS** **Volume: 416** (2014), pag. 427-448
Citeaza: Cornean H.D., G. Nenciu, *On eigenfunction decay for two dimensional magnetic Schrodinger operators* , **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **192** (1998), 671-685.
461. Cornean, H. D.; Moldoveanu, V.; Pillet, C-A, On the Steady State Correlation Functions of Open Interacting Systems, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **Volume: 331** (2014), pag. 261-295
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.
462. Ben Saad, R.; Pillet, C. -A., A geometric approach to the Landauer-Buttiker formula, **JOURNAL OF MATHEMATICAL PHYSICS** **Volume: 55** (2014), pag. Article Number: 075202
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.
463. Bruneau, Laurent; Joye, Alain; Merkli, Marco, Repeated interactions in open quantum systems, **JOURNAL OF MATHEMATICAL PHYSICS** **Volume: 55** (2014), pag. Article Number: 075204
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.
464. Cornean, Horia D.; Neidhardt, Hagen; Wilhelm, Lukas; et al., The Cayley transform applied to non-interacting quantum transport, **JOURNAL OF FUNCTIONAL**

- ANALYSIS Volume: 266** (2014), pag. 1421-1475
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.
465. Braverman, Maxim, The Berry phase and the phase of the determinant, **JOURNAL OF MATHEMATICAL PHYSICS Volume: 55** (2014), Article Number: 042106
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.
466. Ibanez, S.; Muga, J. G., Adiabaticity condition for non-Hermitian Hamiltonians, **PHYSICAL REVIEW A Volume: 89** (2014), Article Number: 033403
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.
467. Beau, Mathieu; Savoie, Baptiste, Rigorous investigation of the reduced density matrix for the ideal Bose gas in harmonic traps by a loop-gas-like approach , **JOURNAL OF MATHEMATICAL PHYSICS Volume: 55** (2014), Article Number: 053301
Citeaza: Angelescu N., Bundaru M.,Nenciu G.:, On the Landau diamagnetism, COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 42 (1975), pag. 9-28 .
468. Gat, Omri; Lein, Max; Teufel, Stefan, Semiclassics for Particles with Spin via a Wigner-Weyl-Type Calculus , **ANNALES HENRI POINCARÉ Volume: 15** (2014), pag. 1967-1991
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.
469. Delort, J-M, Growth of Sobolev Norms for Solutions of Time Dependent Schrodinger Operators with Harmonic Oscillator Potential , **COMMUNICATIONS IN PARTIAL DIFFERENTIAL EQUATIONS Volume: 39** (2014), pag. 1-33
Citeaza: Nenciu, Adiabatic theory: stability of systems with increasing gaps, ANNALES DE L INSTITUT HENRI POINCARÉ-PHYSIQUE THEORIQUE, 67 (1997), pag. 411-424
470. Beau, Mathieu; Savoie, Baptiste, Gaussian decay for a difference of traces of the Schrodinger semigroup associated with the isotropic harmonic oscillator , **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 419** (2014), pag. 1095-1118
Citeaza: H.D. Cornean, G. Nenciu The Faraday effect revisited: Thermodynamic limit, Journal of Functional Analysis, 257 (2009), 2024–2066.
471. Shen, Zhongwei, An improved Combes-Thomas estimate of magnetic Schrodinger operators, **ARKIV FOR MATEMATIK Volume: 52** (2014), pag. 383-414
Citeaza: H.D. Cornean, G. Nenciu The Faraday effect revisited: Thermodynamic limit, Journal of Functional Analysis, 257 (2009), 2024–2066.

472. Dereziński, Jan, Quantum fields with classical perturbations, **JOURNAL OF MATHEMATICAL PHYSICS** Volume: **55** (2014), pag. Article Number: 075201
Citeaza: Nenciu ., Scharf G, *REGULAR EXTERNAL FIELDS IN QUANTUM ELECTRODYNAMICS*, **HELVETICA PHYSICA ACTA** **51** (1978), pag. 412-424.
473. Beau, Mathieu; Savoie, Baptiste, Gaussian decay for a difference of traces of the Schrodinger semigroup associated with the isotropic harmonic oscillator , **JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS** Volume: **419** (2014), pag. 1095-1118
Citeaza: Angelescu N., Bundaru M., Nenciu G. *Perturbation of Gibbs semigroups*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **42** (1975), pag. 29-30.
474. Milatovic, Ognjen; Truc, Françoise, Self-Adjoint Extensions of Discrete Magnetic Schrodinger Operators , **ANNALES HENRI POINCARÉ** Volume: **15** (2014), pag. 917-936
Citeaza: G. Nenciu, I. Nenciu: *On essential self-adjointness for magnetic Schroedinger and Pauli operators on the unit disc in R^2* , **Letters in Mathematical Physics** **98** (2011), pag. 207-223.
475. Morais, Thiago; Procacci, Aldo; Scoppola, Benedetto, On Lennard-Jones Type Potentials and Hard-Core Potentials with an Attractive Tail , **JOURNAL OF STATISTICAL PHYSICS** Volume: **157** (2014), pag. 17-39
Citeaza: N. Angelescu, G. Nenciu, V. Protopopescu *On stable potentials* **COMMUNICATIONS IN MATHEMATICAL PHYSICS**, **22** (1971) pag 162-164.
476. Ishida, Masashi, *Normalized Ricci flow, surgery, and Seiberg-Witten invariants*, **Internat. J. Math.** **25**, no. **2**, (2014), 1450005, 17 pp.
Citeaza: Ishida, Masashi, Răşdeaconu Rareş, I. Şuvaina, *On normalized Ricci flow and smooth structures on four-manifolds with $b^+ = 1$* , **Arch. Math. (Basel)** **92**, (2009), no. 4, 355–365.
477. J. Lawrynówicz, S. Marchiafava, F. L. Castillo Alvarado, A. Niemczynowicz, (Para)quaternionic geometry, harmonic forms, and stochastic relaxation, **Publicationes Mathematicae Debrecen** **84** (2014), pag. 205–220.
Citeaza: S. Marchiafava, L. Ornea, R. Pantilie, *Twistor theory for CR quaternionic manifolds and related structures*, **Monatshefte für Mathematik** **167** (2012), pag. 531–545.
478. J. Lawrynówicz, S. Marchiafava, F. L. Castillo Alvarado, A. Niemczynowicz, (Para)quaternionic geometry, harmonic forms, and stochastic relaxation, **Publicationes Mathematicae Debrecen** **84** (2014), pag. 205–220.
Citeaza: S. Marchiafava, R. Pantilie, *Twistor theory for co-CR quaternionic manifolds and related structures*, **Israel Journal of Mathematics** **195** (2013), pag. 347–371.
479. J. Lawrynówicz, S. Marchiafava, F. L. Castillo Alvarado, A. Niemczynowicz, (Para)quaternionic geometry, harmonic forms, and stochastic relaxation, **Publicationes Mathematicae Debrecen** **84** (2014), pag. 205–220. *Citeaza:* S. Marchiafava, R. Pantilie, *A note on CR quaternionic maps*, **Advances in Geometry** **13** (2013), pag. 605–612.
480. R. Slobodeanu, Harmonic morphisms and shear-free perfect fluids coupled with gravity, **Annali di Matematica Pura ed Applicata. Series IV.** **193** (2014), pag. 1139–1146.

- Citeaza*: Radu Pantilie, *Harmonic morphisms with one-dimensional fibres*, **International Journal of Mathematics** **10** (1999), pag. 457–501.
481. R. Slobodeanu, Harmonic morphisms and shear-free perfect fluids coupled with gravity, **Annali di Matematica Pura ed Applicata. Series IV.** **193** (2014), pag. 1139–1146.
Citeaza: Radu Pantilie, *Harmonic morphisms with 1-dimensional fibres on 4-dimensional Einstein manifolds*, **Communications in Analysis and Geometry** **10** (2002), pag. 779–814.
482. R. Slobodeanu, Harmonic morphisms and shear-free perfect fluids coupled with gravity, **Annali di Matematica Pura ed Applicata. Series IV.** **193** (2014), pag. 1139–1146.
Citeaza: Radu Pantilie, *Submersive harmonic maps and morphisms*, **Editura Academiei Române** (2009).
483. R. Slobodeanu, Harmonic morphisms and shear-free perfect fluids coupled with gravity, **Annali di Matematica Pura ed Applicata. Series IV.** **193** (2014), pag. 1139–1146.
Citeaza: Radu Pantilie, John C. Wood, *A new construction of Einstein self-dual metrics*, **Asian Journal of Mathematics** **6** (2002), pag. 337–348.
484. R. Slobodeanu, Shear-free perfect fluids with linear equation of state, **Classical and Quantum Gravity** **31** (2014), 125012, 23 pp.
Citeaza: Radu Pantilie, *Harmonic morphisms with 1-dimensional fibres on 4-dimensional Einstein manifolds*, **Communications in Analysis and Geometry** **10** (2002), pag. 779–814.
485. R. Slobodeanu, Shear-free perfect fluids with linear equation of state, **Classical and Quantum Gravity** **31** (2014), 125012, 23 pp.
Citeaza: Radu Pantilie, John C. Wood, *Harmonic morphisms with one-dimensional fibres on Einstein manifolds*, **Transactions of the American Mathematical Society** **354** (2002), pag. 4229–4243.
486. R. Slobodeanu, Shear-free perfect fluids with linear equation of state, **Classical and Quantum Gravity** **31** (2014), 125012, 23 pp.
Citeaza: Radu Pantilie, *Harmonic morphisms with one-dimensional fibres on conformally-flat Riemannian manifolds*, **Mathematical Proceedings of the Cambridge Philosophical Society** **145** (2008), pag. 141–151.
487. Y. Zeytuncu: Regularity of canonical operators and Nebenhille: Hartogs domains. **J. Math. Anal. Appl.** **409** (2014), 236–243,
Citeaza: M. Colţoiu, K. Diederich: *Existence of 2-complete neighborhoods for pseudoconvex domains*, **J. Geom. Anal.** **8** (1998), 21–25.
488. M. Tibăr, Beyond Mumford’s theorem on normal surfaces, **Bull. Math. Soc. Sci. Math. Roumanie** **57** (2014), pag. 217–223
Citeaza: M. Colţoiu: *Coverings of 1-convex manifolds with 1-dimensional exceptional set*, **Comment. Math. Helv.** **68** (1993), pag. 469–479.
489. M. Tibăr, Beyond Mumford’s theorem on normal surfaces, **Bull. Math. Soc. Sci. Math. Roumanie** **57** (2014), pag. 217–223
Citeaza: M. Colţoiu, M. Tibăr: *Steinness of the universal covering of the complement of a 2-dimensional complex singularity*, **Math. Ann.** **326** (2003), 95–104.

490. Natalia Gașitoi: The Levi problem for Riemann domains over the blow-up of \mathbb{C}^{n+1} at the origin, **Osaka Journal of Mathematics** **51** (2014), pag.657–665
Citeaza: M. Colțoiu, K. Diederich: *The Levi problem for Riemann domains over Stein spaces with isolated singularities*, **Math. Ann.** **338** (2007), 283–289.
491. Rouse, P. Carrillo; Lescure, J. M.; Monthubert, B., A cohomological formula for the Atiyah-Patodi-Singer index on manifolds with boundary, **J. Topol. Anal.** (2014), no 1, pag. 27 – 74
Citeaza: Landsman, N. P.; Ramazan, B., *Quantization of Poisson algebras associated to Lie algebroids*, **Contemp. Math.**, **282** (2001), pag. 159 – 192
492. K. Han, Classification of secant defective manifolds near the extremal case, **Proc. AMS** **142** (2014), pag. 39 – 46
Citează: P. Ionescu, F. Russo, *Conic-connected manifolds*, **Jour. Reine Angew. Math.** **644** (2010), pag. 145 – 158
493. K. Han, Classification of secant defective manifolds near the extremal case, **Proc. AMS** **142** (2014), pag. 39 – 46
Citează: P. Ionescu, F. Russo, *Manifolds covered by lines and the Hartshorne Conjecture for quadratic manifolds*, **Amer. J. Math.** **135** (2013), pag. 349 – 360
494. A. L. Tironi, Normal projective varieties of degree 5, **Comm. Algebra** **42** (2014), pag. 4322 – 4332
Citează: P. Ionescu, *Variétés projectives lisses de degrés 5 et 6*, **CRAS Paris** **293** (1981), pag. 685 – 687
495. A. L. Tironi, Normal projective varieties of degree 5, **Comm. Algebra** **42** (2014), pag. 4322 – 4332
Citează: P. Ionescu, *Embedded projective varieties of small invariants*, **Lecture Notes Math.** **1056** (1984), pag. 142 – 186
496. Qifeng Li, Subvarieties of small codimension in smooth projective varieties, **Science in China** (2014), doi:10.1007/s11425-014-4880-5
Citează: M. C. Beltrametti, P. Ionescu, *On manifolds swept out by high dimensional quadrics*, **Math. Zeit.** **260** (2008), pag. 229 – 236
497. Qifeng Li, Subvarieties of small codimension in smooth projective varieties, **Science in China** (2014), doi:10.1007/s11425-014-4880-5
Citează: P. Ionescu, F. Russo, *Manifolds covered by lines and the Hartshorne Conjecture for quadratic manifolds*, **Amer. J. Math.** **135** (2013), pag. 349 – 360
498. A. Alzati, J. C. Sierra, Quadro-quadric special birational transformations of projective spaces, **Int. Math. Res. Not.** (2014), doi: 10.1093/imrn/rnt/173
Citează: P. Ionescu, F. Russo, *Conic-connected manifolds*, **Jour. Reine Angew. Math.** **644** (2010), pag. 145 – 158
499. A. Alzati, J. C. Sierra, Quadro-quadric special birational transformations of projective spaces, **Int. Math. Res. Not.** (2014), doi: 10.1093/imrn/rnt/173
Citează: P. Ionescu, F. Russo, *Varieties with quadratic entry locus II*, **Compositio Math.** **144** (2008), pag. 949 – 962

500. A. Alzati, J. C. Sierra, Quadro-quadric special birational transformations of projective spaces, **Int. Math. Res. Not.** (2014), doi: 10.1093/imrn/rnt/173
Citează: P. Ionescu, F. Russo, *Manifolds covered by lines and the Hartshorne Conjecture for quadratic manifolds*, **Amer. J. Math.** **135** (2013), pag. 349 – 360
501. A. Alzati, J. C. Sierra, Quadro-quadric special birational transformations of projective spaces, **Int. Math. Res. Not.** (2014), doi: 10.1093/imrn/rnt/173
Citează: P. Ionescu, F. Russo, *On dual defective manifolds*, **Math. Res. Lett.** **21/5** (2014)
502. O. Nash, K-theory, LQEL manifolds and Severi varieties, **Geom. & Top.** **18** (2014), pag. 1245 – 1260
Citează: P. Ionescu, F. Russo, *Manifolds covered by lines and the Hartshorne Conjecture for quadratic manifolds*, **Amer. J. Math.** **135** (2013), pag. 349 – 360
503. O. Nash, K-theory, LQEL manifolds and Severi varieties, **Geom. & Top.** **18** (2014), pag. 1245 – 1260
Citează: P. Ionescu, F. Russo, *On dual defective manifolds*, **Math. Res. Lett.** **21/5** (2014)
504. M. Aprodu, M. Toma, Boundedness for some rationally connected threefolds in P^6 , **Comm. Alg.** **42** (2014), pag. 3876 – 3822
Citează: P. Ionescu, M. Toma, *Boundedness for some special families of embedded manifolds*, **AMS Contemporary Math.** **162** (1994), pag. 215 – 225
505. M. Aprodu, M. Toma, Boundedness for some rationally connected threefolds in P^6 , **Comm. Alg.** **42** (2014), pag. 3876 – 3822
Citează: P. Ionescu, F. Russo, *Manifolds covered by lines and the Hartshorne Conjecture for quadratic manifolds*, **Amer. J. Math.** **135** (2013), pag. 349 – 360
506. Y. Fukuma, On complex manifolds polarized by an ample line bundle L with $Bs|L| = \emptyset$, $g(X, L) = g(X) + m$ and $h^0(L) = n + m - 1$, **Kodai Math. J.** **37** (2014), pag. 34 – 58
Citează: P. Ionescu, *Generalized adjunction and applications*, **Math. Proc. Cambridge Phil. Soc.** **99** (1986), pag. 457 – 472
507. Y. Fukuma, On classification of polarized 3-folds (X, L) with $h^0(K_X + 2L) = 2$, **Beitr. Alg. Geom.** **55** (2014), pag. 77 – 103
Citează: P. Ionescu, *Generalized adjunction and applications*, **Math. Proc. Cambridge Phil. Soc.** **99** (1986), pag. 457 – 472
508. Alexander V. Sobolev, On the Schatten–von Neumann properties of some pseudo-differential operators, *Journal of Functional Analysis*, Volume 266, Issue 9, 1 May 2014, Pages 5886–5911
Citează: G. Arsu, *On Schatten-von Neumann class properties of pseudodifferential operators: The Cordes-Kato method*, **J. Operator Theory** **59** (2008), pag. 81–114;
509. Matassa, M. , A modular spectral triple for k -Minkowski space, *Journal of Geometry and Physics*, Volume 76, February 2014, Pages 136–157

- Citeaza: G. Arsu, On Schatten-von Neumann class properties of pseudodifferential operators: The Cordes-Kato method, J. Operator Theory* **59** (2008), pag. 81–114;
510. Bommier-Hato, H. , Engliš, M. , Youssfi, E.-H., Dixmier trace and the Fock space, Bulletin des Sciences Mathématiques, Volume 76, February 2014, Pages 136–157
Citeaza: G. Arsu, On Schatten-von Neumann class properties of pseudodifferential operators: The Cordes-Kato method, J. Operator Theory **59** (2008), pag. 81–114
511. Anna Kaminska, Pei-Kee Lin, Banach envelopes of p -Banach lattices, $0 < p < 1$, and Cesaro spaces, **Functiones et Approximatio. Commentarii Mathematici** 01/2014; 50(2). DOI: 10.7169/facm/2014.50.2.7
Citeaza: Nicolae Popa Basic Sequences and Subspaces in Lorentz Sequence Spaces Without Local Convexity, Transactions of the American Mathematical Society **02** (1981), pag.431-456.
512. Oguz Ogur, Birsen Sagr , On vector-valued generalized Lorentz difference sequence space, **Journal of operators** 09 (2014) DOI: 10.1155/2014/545346
Citeaza: Nicolae Popa Basic Sequences and Subspaces in Lorentz Sequence Spaces Without Local Convexity, Transactions of the American Mathematical Society **02** (1981), pag.431-456.
513. Mohammad Hassanzadeh, New coefficients for Hopf cyclic cohomology. **Comm. Algebra** **42** (2014), pag. 5287–5298.
Citeaza: Mihai Staic, A note on anti-Yetter-Drinfeld modules, Contemp. Math., **441** (2007), pag. 149–153.
514. Christian Voigt, Cyclic cohomology and Baaĵ-Skandalis duality. **J. K-Theory** **13** (2014), pag. 115 – 145.
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.
Citeaza: Mihai Staic, A note on anti-Yetter-Drinfeld modules, Contemp. Math., **441** (2007), pag. 149–153.
515. Takahiro Hasebe, Hayato Saigo, On Operator-valued Monotone Independence, **Nagoya Mathematical Journal, Vol. 215** (2014), pag. 151 – 167
Citeaza: S. T. Belinschi, M. Popa, V. Vinnikov, On the operator-valued analogues of the semicircle, arcsine and Bernoulli laws, Journal of Operator Theory, Vol. 70, No. 1 (2013), pag. 239 – 258
516. Takahiro Hasebe, Free infinite divisibility for beta distributions and related ones, **Electronic Journal of Probability** **Vol. 19** (2014), Article Number: 81, 33pp.
Citeaza: Octavio Arizmendi, Serban T. Belinschi, Free infinite divisibility for ultrasphericals, Infinite Dimensional Analysis, Quantum Probability and Related Topics, Vol. 16 (2013), 11pp.
517. Benoît Collins, Camille Male, The Strong Asymptotic Freeness of Haar and Deterministic Matrices, **Annales Scientifiques de l'École Normale Supérieure, Vol 47, Issue 1** (2014), pag. 147 – 163

- Citeaza*: Serban Belinschi, Ion Nechita, *Eigenvectors and eigenvalues in a random subspace of a tensor product*, **Inventiones Mathematicae**, Vol. 190, Issue 3 (2012), pag. 647 – 697.
518. Motohisa Fukuda, Ion Nechita, Asymptotically Well-Behaved Input States Do Not Violate Additivity for Conjugate Pairs of Random Quantum Channels, **Communications in Mathematical Physics**, Vol. 328, Issue 3 (2014), pag. 995 – 1021
Citeaza: Serban Belinschi, Ion Nechita, *Eigenvectors and eigenvalues in a random subspace of a tensor product*, **Inventiones Mathematicae**, Vol. 190, Issue 3 (2012), pag. 647 – 697.
519. Dan-Virgil Voiculescu, Free Probability for Pairs of Faces I, **Communications in Mathematical Physics**, Vol. 332, Issue 3 (2014), pag. 955 – 980
Citeaza: S. T. Belinschi, D. Shlyakhtenko, *Free Probability of Type B: Analytic Interpretation and Applications*, **American Journal of Mathematics**, Vol. 134, Issue 1 (2012), pag. 193 – 234.
520. John D. Williams, An analogue of Hincin’s characterization of infinite divisibility for operator-valued free probability, **Journal of Functional Analysis**, Vol. 267, Issue 1 (2014), pag. 1 – 14
Citeaza: S. T. Belinschi, M. Popa, V. Vinnikov, *Infinite divisibility and a non-commutative Boolean-to-free Bercovici-Pata bijection*, **Journal of Functional Analysis**, Vol. 262, Issue 1 (2012), pag. 94 – 123.
521. Takahiro Hasebe, Free infinite divisibility for beta distributions and related ones, **Electronic Journal of Probability**, Vol. 19 (2014), Article Number: 81, 33pp.
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner, Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Advances in Mathematics**, Vol. 226, Issue 4 (2011), pag. 3677 – 3698.
522. Octavio Arizmendi, Takahiro Hasebe, Classical and free infinite divisibility for Boolean stable laws, **Proceedings of the American Mathematical Society**, Vol. 142, Issue 5 (2014), pag 1621 – 1632
Citeaza: Serban T. Belinschi, Marek Bożejko, Franz Lehner, Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Advances in Mathematics**, Vol. 226, Issue 4 (2011), pag. 3677 – 3698.
523. Marek Bożejko, Hirai Takeshi, Gelfand-Raikov representations of Coxeter groups associated with positive definite norm functions, **Probability and Mathematical Statistics - Poland**, Vol. 34, Issue 1 (2014), pag 161 – 180
Citeaza: Serban T. Belinschi, Franz Lehner, Roland Speicher, *The normal distribution is \boxplus -infinitely divisible*, **Advances in Mathematics**, Vol. 226, Issue 4 (2011), pag. 3677 – 3698.
524. Arno B. J. Kuijlaars, Lun Zhang, Singular Values of Products of Ginibre Random Matrices, Multiple Orthogonal Polynomials and Hard Edge Scaling Limits, **Communications in Mathematical Physics**, Vol. 332, Issue 2 (2014), pag 759 – 781
Citeaza: T. Banica, S. T. Belinschi, M. Capitaine, B. Collins, *Free Bessel Laws*, **Canadian Journal of Mathematics**, Vol. 63, Issue 1 (2011), pag. 3 – 37.

525. François Lemeux, The fusion rules of some free wreath product quantum groups and applications, **Journal of Functional Analysis**, Vol. **267**, Issue **7** (2014), pag 2507 – 2550
Citeaza: T. Banica, S. T. Belinschi, M. Capitaine, B. Collins, *Free Bessel Laws*, **Canadian Journal of Mathematics**, Vol. **63**, Issue **1** (2011), pag. 3 – 37.
526. Romuald Lenczewski, Limit distributions of random matrices, **Advances in Mathematics**, Vol. **263** (2014), pag 253 – 320
Citeaza: T. Banica, S. T. Belinschi, M. Capitaine, B. Collins, *Free Bessel Laws*, **Canadian Journal of Mathematics**, Vol. **63**, Issue **1** (2011), pag. 3 – 37.
527. Peter J. Forrester, Eigenvalue statistics for product complex Wishart matrices, **Journal of Physics A-Mathematical and Theoretical**, Vol. **47**, Issue **34**, Article Number:**345202** (2014), 22pp.
Citeaza: T. Banica, S. T. Belinschi, M. Capitaine, B. Collins, *Free Bessel Laws*, **Canadian Journal of Mathematics**, Vol. **63**, Issue **1** (2011), pag. 3 – 37.
528. Takahiro Hasebe, Free infinite divisibility for beta distributions and related ones, **Electronic Journal of Probability** Vol. **19** (2014), Article Number: 81, 33pp.
Citeaza: M. Anshelevich, S. T. Belinschi, M. Bożejko, F. Lehner, *Free infinitely divisibility for q -Gaussians*, **Mathematical Research Letters**, Vol. **17**, Issue **5** (2010), pag. 905 – 916.
529. Octavio Arizmendi, Arturo Jaramillo, Convergence of the fourth moment and infinite divisibility: quantitative estimates, **Electronic Communications in Probability**, Vol. **19** (2014), pag 1 – 12
Citeaza: M. Anshelevich, S. T. Belinschi, M. Bożejko, F. Lehner, *Free infinitely divisibility for q -Gaussians*, **Mathematical Research Letters**, Vol. **17**, Issue **5** (2010), pag. 905 – 916.
530. Marek Bożejko, Hirai Takeshi, Gelfand-Raikov representations of Coxeter groups associated with positive definite norm functions, **Probability and Mathematical Statistics - Poland**, Vol. **34**, Issue **1** (2014), pag 161 – 180
Citeaza: M. Anshelevich, S. T. Belinschi, M. Bożejko, F. Lehner, *Free infinitely divisibility for q -Gaussians*, **Mathematical Research Letters**, Vol. **17**, Issue **5** (2010), pag. 905 – 916.
531. Florent Benaych-Georges, Alice Guionnet, Camille Male, Central Limit Theorems for Linear Statistics of Heavy Tailed Random Matrices, **Communications in Mathematical Physics**, Vol. **329**, Issue **2** (2014), pag 641 – 686
Citeaza: Serban Belinschi, Amir Dembo, Alice Guionnet, *Spectral Measure of Heavy Tailed Band and Covariance Random Matrices*, **Communications in Mathematical Physics**, Vol. **289**, Issue **3** (2009), pag. 1023 – 1055.
532. Florent Benaych-Georges, Alice Guionnet, Central limit theorem for eigenvectors of heavy tailed matrices, **Electronic Journal of Probability**, Vol. **19**, Article Number: **54** (2014), pag 1 – 27
Citeaza: Serban Belinschi, Amir Dembo, Alice Guionnet, *Spectral Measure of Heavy Tailed Band and Covariance Random Matrices*, **Communications in Mathematical Physics**, Vol. **289**, Issue **3** (2009), pag. 1023 – 1055.

533. Richard A. Davis, Oliver Pfaffel, Robert Stelzer, Limit theory for the largest eigenvalues of sample covariance matrices with heavy-tails, **Stochastic Processes And Their Applications**, Vol. 124, Issue 1 (2014), pag 18 – 50
Citeaza: Serban Belinschi, Amir Dembo, Alice Guionnet, *Spectral Measure of Heavy Tailed Band and Covariance Random Matrices*, **Communications in Mathematical Physics**, Vol. 289, Issue 3 (2009), pag. 1023 – 1055.
534. Octavio Arizmendi, Arturo Jaramillo, Convergence of the fourth moment and infinite divisibility: quantitative estimates, **Electronic Communications in Probability**, Vol. 19 (2014), pag 1 – 12
Citeaza: Serban T. Belinschi, Alexandru Nica, *On a remarkable semigroup of homomorphisms with respect to free multiplicative convolution*, **Indiana University Mathematics Journal**, Vol. 57, Issue 4 (2008), pag. 1679 – 1713.
535. Michael Anshelevich, Jiun-Chau Wang, Ping Zhong, Local limit theorems for multiplicative free convolutions, **Journal of Functional Analysis**, Vol. 267, Issue 9 (2014), pag. 3469 – 3499
Citeaza: S. T. Belinschi, H. Bercovici, *Hincin's theorem for multiplicative free convolution*, **Canadian Mathematical Bulletin**, Vol. 51, Issue 1 (2008), pag. 26 – 31.
536. John D. Williams, An analogue of Hincin's characterization of infinite divisibility for operator-valued free probability, **Journal of Functional Analysis**, Vol. 267, Issue 1 (2014), pag. 1 – 14
Citeaza: S. T. Belinschi, H. Bercovici, *Hincin's theorem for multiplicative free convolution*, **Canadian Mathematical Bulletin**, Vol. 51, Issue 1 (2008), pag. 26 – 31.
537. Mihai Popa, A Fock space model for addition and multiplication of c -free random variables, **Proceedings of the American Mathematical Society**, Vol. 142, Issue 6 (2014), pag. 2001 – 2012
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.
538. Ping Zhong, Free Brownian motion and free convolution semigroups: multiplicative case, **Pacific Journal of Mathematics**, Vol. 269, Issue 1 (2014), pag. 219 – 256
Citeaza: S. T. Belinschi, H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **International Mathematical Research Notices**, Issue 2 (2005), pag. 65 – 101.
539. Michael Anshelevich, Jiun-Chau Wang, Ping Zhong, Local limit theorems for multiplicative free convolutions, **Journal of Functional Analysis**, Vol. 267, Issue 9 (2014), pag. 3469 – 3499
Citeaza: S. T. Belinschi, H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **International Mathematical Research Notices**, Issue 2 (2005), pag. 65 – 101.
540. Takahiro Hasebe, Free infinite divisibility for beta distributions and related ones, **Electronic Journal of Probability** Vol. 19 (2014), Article Number: 81, 33pp.

- Citeaza*: S. T. Belinschi, H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **International Mathematical Research Notices**, **Issue 2** (2005), pag. 65 – 101.
541. Octavio Arizmendi, Takahiro Hasebe, Classical and free infinite divisibility for Boolean stable laws, **Proceedings of the American Mathematical Society**, **Vol. 142**, **Issue 5** (2014), pag 1621 – 1632
Citeaza: S. T. Belinschi, H. Bercovici, *Partially defined semigroups relative to multiplicative free convolution*, **International Mathematical Research Notices**, **Issue 2** (2005), pag. 65 – 101.
542. Takahiro Hasebe, Free infinite divisibility for beta distributions and related ones, **Electronic Journal of Probability** **Vol. 19** (2014), Article Number: 81, 33pp.
Citeaza: S. T. Belinschi, H. Bercovici, *Atoms and regularity for measures in a partially defined free convolution semigroup*, **Mathematische Zeitschrift**, **Vol 248**, **Issue 4** (2004), pag. 665 – 674.
543. Yoshimichi Ueda, Orbital Free Entropy, Revisited, **Indiana University Mathematics Journal**, **Vol. 63**, **Issue 2** (2014), pag. 551 – 577
Citeaza: S. T. Belinschi, H. Bercovici, *A property of free entropy*, **Pacific Journal of Mathematics**, **Vol. 211**, **Issue 1** (2003), pag. 35 – 40.
544. R Mestrovic, Lucas' theorem: its generalizations, extensions and applications (1878–2014) **Preprint arXiv:1409.3820** (2014)
Citeaza: Mihai Prunescu, *Sign-reductions, p-adic valuations, binomial coefficients modulo p^k and triangular symmetries*, **Preprint Academia.edu** (2012).
545. Cristian Cobeli, Alexandru Zaharescu, A game with divisors and absolute differences of exponents **Journal of Difference Equations and Applications**, **20**, **11** (2014), pag.1489 – 1501
Citeaza: Mihai Prunescu, *Sign-reductions, p-adic valuations, binomial coefficients modulo p^k and triangular symmetries*, **Preprint Academia.edu** (2012).
546. V Delecroix, JF Bertazzon, Étude d'une équation intégrale avec des méthodes combinatoires **Preprint arXiv:1403.2235** (2014)
Citeaza: Mihai Prunescu, *The Thue-Morse-Pascal double sequence and similar structures*, **Comptes Rendus Mathématique**, **349**, **17** (2011).
547. M.T. Koşan, J. Zemlicka, Mod-retractable rings, **Comm. Algebra** **42** (2014), pag. 998 – 1010
Citează: C. Năstăsescu, N. Popescu, *Anneaux semi-artiniens*, **Bull. Soc. Math. France** **96** (1968), pag. 357 – 368
548. T. Penk, J. Zemlicka, Commutative tall rings, **J. Algebra Appl.** **13** (2014), DOI: 10.1142/S0219498813501296
Citează: C. Năstăsescu, N. Popescu, *Anneaux semi-artiniens*, **Bull. Soc. Math. France** **96** (1968), pag. 357 – 368
549. J.-W. He, B. Torrecillas, F. Van Oystaeyen, Y. Zhang, Dualizing complexes of noetherian complete algebras via coalgebras, **Comm. Algebra** **42** (2014), pag. 271 – 285

- Citează:* J. Gómez-Torrecillas, C. Năstăsescu, *Quasi-co-Frobenius coalgebras*, **J. Algebra** **174** (1995), pag. 909 – 923
550. S. Zhang, H. Yao, Some remarks on cotilting comodules, **Front. Math. China** **9** (2014), pag. 699 – 714
Citează: C. Năstăsescu, B. Torrecillas, *Colocalization on Grothendieck categories with applications to coalgebras*, **J. Algebra** **185** (1996), pag. 108 – 124
551. J.-W. He, B. Torrecillas, F. Van Oystaeyen, Y. Zhang, Dualizing complexes of noetherian complete algebras via coalgebras, **Comm. Algebra** **42** (2014), pag. 271 – 285
Citează: J. Gómez-Torrecillas, C. Năstăsescu, *Colby-Fuller duality between coalgebras*, **J. Algebra** **185** (1996), pag. 527 – 543
552. D. Wang, D. Lu, Ore extensions of Hopf group coalgebras, **J. Korean Math. Soc.** **51** (2014), pag. 325 – 344
Citează: M. Beattie, S. Dăscălescu, L. Grünenfelder, C. Năstăsescu, *Finiteness conditions, co-Frobenius Hopf algebras and quantum groups*, **J. Algebra** **200** (1998), pag. 312–333
553. J.-W. He, B. Torrecillas, F. Van Oystaeyen, Y. Zhang, Dualizing complexes of noetherian complete algebras via coalgebras, **Comm. Algebra** **42** (2014), pag. 271 – 285
Citează: J. Cuadra, C. Năstăsescu, F. Van Oystaeyen, *Graded almost Noetherian rings and applications to coalgebras*, **J. Algebra** **256** (2002), pag. 97 – 110
554. J.-W. He, B. Torrecillas, F. Van Oystaeyen, Y. Zhang, Dualizing complexes of noetherian complete algebras via coalgebras, **Comm. Algebra** **42** (2014), pag. 271 – 285
Citează: C. Năstăsescu, B. Torrecillas, *Morita duality for Grothendieck categories with applications to coalgebras*, **Comm. Algebra** **33** (2005), pag. 4083 – 4096
555. J.-W. He, B. Torrecillas, F. Van Oystaeyen, Y. Zhang, Dualizing complexes of noetherian complete algebras via coalgebras, **Comm. Algebra** **42** (2014), pag. 271 – 285
Citează: J. Gómez-Torrecillas, C. Năstăsescu, B. Torrecillas, *Localization in coalgebras: applications to finiteness conditions*, **J. Algebra Appl.** **6** (2007), pag. 233 – 243
556. T. Albu, On the Osofsky-Smith theorem for modular lattices and applications (II), **Comm. Algebra** **42** (2014), pag. 2663 – 2683
Citează: S. Crivei, C. Năstăsescu, B. Torrecillas, *On the Osofsky-Smith theorem*, **Glasg. Math. J.** **52** (2010), pag. 61 – 67
557. M. Herschend, O. Iyama, S. Oppermann, n -representation infinite algebras, **Adv. Math.** **252** (2014), pag. 292 – 342
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library 28, North-Holland Publishing Co., Amsterdam - New York, 1982, ix+340 pp. ISBN: 0-444-86489-X.
558. G. Abrams, J.P. Bell, K.M. Rangaswamy, On prime nonprimitive von Neumann regular algebras, **Trans. Amer. Math. Soc.** **366** (2014), pag. 2375 – 2392
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library 28, North-Holland Publishing Co., Amsterdam - New York, 1982, ix+340 pp. ISBN: 0-444-86489-X.

559. R. Hazrat, Leavitt path algebras are graded von Neumann regular rings, **J. Algebra** **401** (2014), pag. 220 – 233
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library 28, North-Holland Publishing Co., Amsterdam - New York, 1982, ix+340 pp. ISBN: 0-444-86489-X.
560. F. Rohrer, Coarsening of graded local cohomology, **Comm. Algebra** **42** (2014), pag. 593 – 599
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library 28, North-Holland Publishing Co., Amsterdam - New York, 1982, ix+340 pp. ISBN: 0-444-86489-X.
561. F. Rohrer, Quasicoherent sheaves on toric schemes, **Expo. Math.** **32** (2014), pag. 33 – 78
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library 28, North-Holland Publishing Co., Amsterdam - New York, 1982, ix+340 pp. ISBN: 0-444-86489-X.
562. E.A. Juan, M. Saorín, The Hochschild cohomology ring of the generalized preprojective algebra \mathbb{B}_n , **Algebr. Represent. Theory** (April 2014), DOI: 10.1007/s10468-014-9468-9
Citează: C. Năstăsescu, F. Van Oystaeyen, *Graded Ring Theory*, North-Holland Mathematical Library 28, North-Holland Publishing Co., Amsterdam - New York, 1982, ix+340 pp. ISBN: 0-444-86489-X.
563. F. Rohrer, Quasicoherent sheaves on toric schemes, **Expo. Math.** **32** (2014), pag. 33 – 78
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics 1836, Springer-Verlag, Berlin, 2004, xiv+304 pp, ISBN: 3-540-20746-5.
564. F. Li, D.Z. Tan, Graded Hochschild cohomology of a path algebra with oriented cycles, **Acta Math. Sinica, English Series** **30** (2014), pag. 1495 – 1512
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics 1836, Springer-Verlag, Berlin, 2004, xiv+304 pp, ISBN: 3-540-20746-5.
565. G. Williamson, On an analogue of the James conjecture, **Represent. Theory** **18** (2014), pag. 15 – 27
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics 1836, Springer-Verlag, Berlin, 2004, xiv+304 pp, ISBN: 3-540-20746-5.
566. A.J. Calderón Martín, On the structure of graded commutative algebras, **Linear Algebra Appl.** **447** (2014), pag. 110 – 118
Citează: C. Năstăsescu, F. Van Oystaeyen, *Methods of Graded Rings*, Lecture Notes in Mathematics 1836, Springer-Verlag, Berlin, 2004, xiv+304 pp, ISBN: 3-540-20746-5.
567. A.S. Gordienko, On a formula for the PI-exponent for Lie algebras, **J. Algebra Appl.** **13** (2014),
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, x+401 pp. ISBN: 0-8247-0481-9

568. V.O. Ferreira, L.S.I. Murakami, Rationality of the Hilbert series of Hopf-invariants of free algebras, **Proc. Amer. Math. Soc.** **142** (2014), pag. 821 – 826
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, x+401 pp. ISBN: 0-8247-0481-9
569. A.S. Gordienko, M.V. Kochetov, Derivations, gradings, actions of algebraic groups, and codimension growth of polynomial identities, **Algebr. Represent. Theory** **17** (2014), pag. 539 – 563
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, x+401 pp. ISBN: 0-8247-0481-9
570. A. L. Agore, G. Militaru, Extending structures I: the level of groups, **Algebr. Represent. Theory** **17(3)** (2014), pag. 831-848
Citeaza: P. Jara, J. Lopez, F. Panaite, F. Van Oystaeyen, *On iterated twisted tensor products of algebras*, **Internat. J. Math.** **19(9)** (2008), pag. 1053–1101
571. A. L. Agore, Classifying complements for associative algebras, **Linear Algebra Appl.** **446** (2014), pag. 345-355
Citeaza: F. Panaite, *Equivalent crossed products and cross product bialgebras*, **Comm. Algebra** **42(5)** (2014), pag. 1937–1952
572. S. Bagheri, Adjunctions of Hom and tensor as endofunctors of (bi-)module categories over quasi-Hopf algebras, **Comm. Algebra** **42(2)** (2014), pag. 488-510
Citeaza: D. Bulacu, F. Panaite, F. Van Oystaeyen, *Quasi-Hopf algebra actions and smash products*, **Comm. Algebra** **28(2)** (2000), pag. 631–651
573. D. Bulacu, S. Caenepeel, Monoidal ring and coring structures obtained from wreaths and cowreaths, **Algebr. Represent. Theory** **17(4)** (2014), pag. 1035-1082
Citeaza:
 (i) D. Bulacu, F. Panaite, F. Van Oystaeyen, *Generalized diagonal crossed products and smash products for quasi-Hopf algebras. Applications*, **Comm. Math. Phys.** **266(2)** (2006), pag. 355–399
 (ii) F. Panaite, F. Van Oystaeyen, *L-R-smash product for (quasi-) Hopf algebras*, **J. Algebra** **309(1)** (2007), pag. 168–191
574. Y. Chen, L. Zhang, The category of Yetter-Drinfeld Hom-modules and the quantum Hom-Yang-Baxter equation, **J. Math. Phys.** **55** (2014), 031702
Citeaza:
 (i) D. Bulacu, S. Caenepeel, F. Panaite, *Yetter-Drinfeld categories for quasi-Hopf algebras*, **Comm. Algebra** **34(1)** (2006), pag. 1–35
 (ii) A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501
575. L. S. Cirio, C. Pagani, Deformation of tensor product (co)algebras via non-(co)normal twists, **Comm. Algebra** **42(7)** (2014), pag. 2999-3027
Citeaza: P. Jara, J. Lopez, F. Panaite, F. Van Oystaeyen, *On iterated twisted tensor products of algebras*, **Internat. J. Math.** **19(9)** (2008), pag. 1053–1101

576. X.-L. Fang, B. Torrecillas, Twisted smash products and L-R-smash products for biquasi-module Hopf quasigroups, **Comm. Algebra** **42(10)** (2014), pag. 4204-4234
Citeaza: F. Panaite, F. Van Oystaeyen, *L-R-smash product for (quasi-) Hopf algebras*, **J. Algebra** **309(1)** (2007), pag. 168–191
577. L. Foissy, General Dyson-Schwinger equations and systems, **Comm. Math. Phys.** **327(1)** (2014), pag. 151-179
Citeaza: F. Panaite, *Relating the Connes-Kreimer and Grossman-Larson Hopf algebras built on rooted trees*, **Lett. Math. Phys.** **51(3)** (2000), pag. 211–219
578. M. Hassanzadeh, On cyclic cohomology of \times -Hopf algebras, **J. K-Theory** **13(1)** (2014), pag. 147-170
Citeaza: F. Panaite, F. Van Oystaeyen, *Some bialgebroids constructed by Kadison and Connes-Moscovici are isomorphic*, **Appl. Categor. Structures** **14(5-6)** (2006), pag. 627–632
579. A. G. Ilhan, A note on quantizations of Galois extensions, **J. Geom. Phys.** **86** (2014), pag. 237-240
Citeaza: F. Panaite, F. Van Oystaeyen, *Clifford-type algebras as cleft extensions for some pointed Hopf algebras*, **Comm. Algebra** **28(2)** (2000), pag. 585–600
580. H. Li, T. Ma, A construction of the Hom-Yetter-Drinfeld category, **Colloq. Math.** **137** (2014), pag. 43-65
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501
581. L. Liu, B. Shen, Radford’s biproducts and Yetter-Drinfeld modules for monoidal Hom-Hopf algebras, **J. Math. Phys.** **55** (2014), 031701
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501
582. A. Makhlouf, B. Torrecillas, Drinfeld twisting elements on Hom-bialgebras, **J. Phys.: Conference Series**, **532** (2014), 012017
Citeaza: A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501
583. R. Meyer, S. Roy, S. L. Woronowicz, Quantum group-twisted tensor products of C^* -algebras, **Internat J. Math.** **25(2)** (2014), 1450019
Citeaza: J. Lopez, F. Panaite, F. Van Oystaeyen, *General twisting of algebras*, **Adv. Math.** **212(1)** (2007), pag. 315–337
584. S. Neshveyev, L. Tuset, Deformation of C^* -algebras by cocycles on locally compact quantum groups, **Adv. Math.** **254** (2014), pag. 454-496
Citeaza: D. Bulacu, F. Panaite, F. Van Oystaeyen, *Quasi-Hopf algebra actions and smash products*, **Comm. Algebra** **28(2)** (2000), pag. 631–651
585. Q.-X. Pan, F. Cai, Gorenstein global dimensions and representation dimensions for L-R-smash products, **Algebr. Represent. Theory** **17(5)** (2014), pag. 1349-1358
Citeaza: F. Panaite, F. Van Oystaeyen, *L-R-smash product for (quasi-) Hopf algebras*, **J. Algebra** **309(1)** (2007), pag. 168–191

586. C. Voigt, Cyclic cohomology and Baaj-Skandalis duality, **J. K-Theory** **13(1)** (2014), pag. 115-145
Citeaza: F. Panaite, M. D. Staic, *Generalized (anti) Yetter-Drinfeld modules as components of a braided T-category*, **Israel J. Math.** **158(1)** (2007), pag. 349–366
587. D. G. Wang, Y. Ke, The Calabi-Yau property of twisted smash products, **J. Algebra Appl.** **13(3)** (2014), 1350118
Citeaza: F. Panaite, F. Van Oystaeyen, *L-R-smash product for (quasi-) Hopf algebras*, **J. Algebra** **309(1)** (2007), pag. 168–191
588. S.-X. Wang, S. Guo, Symmetries and the u-condition in Hom-Yetter-Drinfeld categories, **J. Math. Phys.** **55(8)** (2014), 081708
Citeaza:
 (i) F. Panaite, M. D. Staic, F. Van Oystaeyen, *Pseudosymmetric braidings, twines and twisted algebras*, **J. Pure Appl. Algebra** **214(6)** (2010), pag. 867–884
 (ii) A. Makhlouf, F. Panaite, *Yetter-Drinfeld modules for Hom-bialgebras*, **J. Math. Phys.** **55** (2014), 013501
589. F. D. Araruna, S. D. B. de Menezes, M. A. Rojas-Medar, On the Approximate Controllability of Stackelberg-Nash Strategies for Linearized Micropolar Fluids, **Appl. Math. Optim.** **70** (2014), pag. 373 – 393
Citeaza: R. Stavre, *The control of the pressure for a micropolar fluid*, **Z. Angew. Math. Phys. (ZAMP)**, **53** (2002), pag. 912 – 922
590. F. D. Araruna, S. D. B. de Menezes, M. A. Rojas-Medar, On the Approximate Controllability of Stackelberg-Nash Strategies for Linearized Micropolar Fluids, **Appl. Math. Optim.** **70** (2014), pag. 373 – 393
Citeaza: D. Dupuy, G. P. Panasenko, R. Stavre, *Asymptotic methods for micropolar flows in a tube structure*, **Math. Mod. Meth. Appl. Sci.**, **14** (2004), pag. 735 – 758
591. I. P. de Jesus, S. D. B. de Menezes, On the approximate controllability of Stackelberg-Nash strategies for linearized micropolar fluids in moving domains, **Comp. Appl. Math.**, DOI **10.1007/s40314-014-0126-y** (2014)
Citeaza: R. Stavre, *The control of the pressure for a micropolar fluid*, **Z. Angew. Math. Phys. (ZAMP)**, **53** (2002), pag. 912 – 922
592. I. P. de Jesus, S. D. B. de Menezes, On the approximate controllability of Stackelberg-Nash strategies for linearized micropolar fluids in moving domains, **Comp. Appl. Math.**, DOI **10.1007/s40314-014-0126-y** (2014)
Citeaza: D. Dupuy, G. P. Panasenko, R. Stavre, *Asymptotic methods for micropolar flows in a tube structure*, **Math. Mod. Meth. Appl. Sci.**, **14** (2004), pag. 735 – 758
593. S. G. Pyatkov, E. I. Saphonov, On some classes of linear feedback problem for parabolic systems, **Scientific statements, Belgorod State University. Series: Mathematics. Physics**, **12 (183)** (2014), pag. 35–61 (in limba rusă)
Citeaza: A. Capatina, R. Stavre, *A control problem in biconvective flow*, **J. Math. Kyoto Univ.**, **37** (1997), pag. 585 – 595
594. I. Pažanin, F. J. Suárez-Grau, Analysis of the thin film flow in a rough domain filled with micropolar fluid, **Computers&Math. Appl.**, DOI:**10.1016/j.camwa.2014.10.003**

(2014)

Citeaza: D. Dupuy, G. P. Panasenko, R. Stavre, *Asymptotic solution for a micropolar flow in a curvilinear channel*, **ZAMM**, **88,10** (2008), pag. 793 – 807

595. Cornean, Horia D.; Jensen, Arne; Nenciu, Gheorghe, Memory Effects in Non-Interacting Mesoscopic Transport, **ANNALES HENRI POINCARÉ** **15** (2014), pag. 1919–1943
Citeaza: Cornean, Horia D.; Duclos, Pierre; Purice, Radu, *Adiabatic Non-Equilibrium Steady States in the Partition Free Approach*, **ANNALES HENRI POINCARÉ** **13** (2012), pag. 827 – 856.
596. Cornean, H. D.; Moldoveanu, V.; Pillet, C-A, On the Steady State Correlation Functions of Open Interacting Systems, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **331** (2014), pag. 261 – 295
Citeaza: Cornean, Horia D.; Duclos, Pierre; Purice, Radu, *Adiabatic Non-Equilibrium Steady States in the Partition Free Approach*, **ANNALES HENRI POINCARÉ** **13** (2012), pag. 827 – 856.
597. Ben Saad, R.; Pillet, C. -A., A geometric approach to the Landauer-Buttiker formula, **JOURNAL OF MATHEMATICAL PHYSICS** **55** (2014), Article Number: 075202
Citeaza: Cornean, Horia D.; Duclos, Pierre; Purice, Radu, *Adiabatic Non-Equilibrium Steady States in the Partition Free Approach*, **ANNALES HENRI POINCARÉ** **13** (2012), pag. 827 – 856.
598. Cornean, Horia D.; Neidhardt, Hagen; Wilhelm, Lukas; et al., The Cayley transform applied to non-interacting quantum transport, **JOURNAL OF FUNCTIONAL ANALYSIS** **266** (2014), pag. 1421–1475
Citeaza: Cornean, Horia D.; Duclos, Pierre; Purice, Radu, *Adiabatic Non-Equilibrium Steady States in the Partition Free Approach*, **ANNALES HENRI POINCARÉ** **13** (2012), pag. 827 – 856.
599. Cornean, H. D.; Moldoveanu, V.; Pillet, C-A, On the Steady State Correlation Functions of Open Interacting Systems, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **331** (2014), pag. 261 – 295
Citeaza: Cornean, H. D.; Duclos, P.; Nenciu, G.; Purice, R., *Adiabatically switched-on electrical bias and the Landauer-Buttiker formula*, **JOURNAL OF MATHEMATICAL PHYSICS** **49** (2008), Article Number: 102106.
600. Ben Saad, R.; Pillet, C. -A., A geometric approach to the Landauer-Buttiker formula, **JOURNAL OF MATHEMATICAL PHYSICS** **55** (2014), Article Number: 075202
Citeaza: Cornean, H. D.; Duclos, P.; Nenciu, G.; Purice, R., *Adiabatically switched-on electrical bias and the Landauer-Buttiker formula*, **JOURNAL OF MATHEMATICAL PHYSICS** **49** (2008), Article Number: 102106.
601. Cornean, Horia D.; Neidhardt, Hagen; Wilhelm, Lukas; et al., The Cayley transform applied to non-interacting quantum transport, **JOURNAL OF FUNCTIONAL ANALYSIS** **266** (2014), pag. 1421–1475
Citeaza: Cornean, H. D.; Duclos, P.; Nenciu, G.; Purice, R., *Adiabatically switched-on electrical bias and the Landauer-Buttiker formula*, **JOURNAL OF MATHEMATICAL PHYSICS** **49** (2008), Article Number: 102106.

602. Lamy, Xavier; Mironescu, Petru, Existence of critical points with semi-stiff boundary conditions for singular perturbation problems in simply connected planar domains, **JOURNAL DE MATHÉMATIQUES PURES ET APPLIQUÉES** **102** (2014), pag. 385–418
Citeaza: De Monvel Berthier, AB; Georgescu, V; Purice, R, *A Boundary-value Problem Related to the Ginzburg-Landau Model*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **142** (1991), pag. 1–23.
603. Berlyand, Leonid; Mironescu, Petru; Rybalko, Volodymyr; et al., Minimax Critical Points in Ginzburg-Landau Problems with Semi-Stiff Boundary Conditions: Existence and Bubbling, **COMMUNICATIONS IN PARTIAL DIFFERENTIAL EQUATIONS** **39** (2014), pag. 946–1005
Citeaza: De Monvel Berthier, AB; Georgescu, V; Purice, R, *A Boundary-value Problem Related to the Ginzburg-Landau Model*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **142** (1991), pag. 1–23.
604. Misiats, Oleksandr, The necessary conditions for the existence of local Ginzburg-Landau minimizers with prescribed degrees on the boundary, **ASYMPTOTIC ANALYSIS** **89** (2014), pag. 37–61
Citeaza: De Monvel Berthier, AB; Georgescu, V; Purice, R, *A Boundary-value Problem Related to the Ginzburg-Landau Model*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS** **142** (1991), pag. 1–23.
605. Mantoiu, Marius; Parra, Daniel, Compactness criteria in Banach spaces in the setting of continuous frames, **BANACH JOURNAL OF MATHEMATICAL ANALYSIS** **8** (2014), pag. 30–48
Citeaza: Mantoiu, M; Purice, R, *The magnetic Weyl calculus*, **JOURNAL OF MATHEMATICAL PHYSICS** **45** (2004), pag. 1394–1417.
606. Prill, Oskar, Dispersive estimates for solutions to the perturbed one-dimensional Klein-Gordon equation with and without a one-gap periodic potential, **MATHEMATISCHE NACHRICHTEN** **287** (2014), pag. 1456–1496
Citeaza: Iftimie, Viorel; Mantoiu, Marius; Purice, Radu, *Magnetic pseudodifferential operators*, **PUBLICATIONS OF THE RESEARCH INSTITUTE FOR MATHEMATICAL SCIENCES** **43** (2007), pag. 585–623.
607. Mantoiu, Marius; Parra, Daniel, Compactness criteria in Banach spaces in the setting of continuous frames, **BANACH JOURNAL OF MATHEMATICAL ANALYSIS** **8** (2014), pag. 30–48
Citeaza: Iftimie, Viorel; Mantoiu, Marius; Purice, Radu, *Magnetic pseudodifferential operators*, **PUBLICATIONS OF THE RESEARCH INSTITUTE FOR MATHEMATICAL SCIENCES** **43** (2007), pag. 585–623.
608. Garcia, J.; Mantoiu, M., Localization results for zero order pseudodifferential operators, **JOURNAL OF PSEUDO-DIFFERENTIAL OPERATORS AND APPLICATIONS** **5** (2014), pag. 255–276
Citeaza: Mantoiu, Marius; Purice, Radu; Richard, Serge, *Spectral and propagation results for magnetic Schrodinger operators; A C^* -algebraic framework*, **JOURNAL OF FUNCTIONAL ANALYSIS** **250** (2007), pag. 42–67.

609. Garcia, J.; Mantoiu, M., Localization results for zero order pseudodifferential operators, **JOURNAL OF PSEUDO-DIFFERENTIAL OPERATORS AND APPLICATIONS** **5** (2014), pag. 255–276
Citeaza: Amrein, WO; Mantoiu, M; Purice, R, *Propagation properties for Schrodinger operators affiliated with certain C^* -algebras*, **ANNALES HENRI POINCARÉ** **3** (2002), pag. 1215–1232.
610. Ng, P. W. *Commutators in $C_r^*(F_\infty)$* **Houston J. Math.** (2014), no. 2 pag 421 – 446
Citeaza: Pop, Ciprian. *Finite sums of commutators*, **Proc. Amer. Math. Soc.** (2002), no. 10, pag. 3039–3041.
611. Li Dai and Jingcheng Dong, On integral fusion categories with low-dimensional simple objects, **Communications in Algebra** **42**, (11) (2014), pag. 4955–4961
Citeaza: S. Burciu, *Representations of degree three for semisimple Hopf algebras*, **Journal of Pure and Applied Algebra** **194** (2004), 85–93.
612. Pavel Etingof and Chelsea Walton, Semisimple Hopf actions on commutative domains, **Advances in Mathematics** **251** (2014), 47–61
Citeaza: S. Burciu, *Kernels of representations and coideal subalgebras of Hopf algebras*, **Glasgow Mathematical Journal** **54** (2012), 107–119.
613. Donald S. Passman, Elementary bialgebra properties of group rings and enveloping rings: an introduction to Hopf algebras, **Communications in Algebra** **42** (50) (2014), pag. 2222–2253
Citeaza: S. Burciu, *Kernels of representations and coideal subalgebras of Hopf algebras*, **Glasgow Mathematical Journal** **54** (2012), 107–119.
614. Miriam Cohen and Sara Westreich, Character tables and normal left coideal subalgebras, **Journal of Pure and Applied Algebra** **218** (10) (2014), (2014), 1845–1866.
Citeaza: S. Burciu, *Kernels of representations and coideal subalgebras of Hopf algebras*, **Glasgow Mathematical Journal** **54** (2012), 107–119.
615. Miriam Cohen and Sara Westreich , Character tables and normal left coideal subalgebras, **Journal of Pure and Applied Algebra** **218** (10) (2014), 1845–1866.
Citeaza: S. Burciu , *Normal Hopf subalgebras of semisimple Hopf algebras*, **Proceedings of American Mathematical Society** **137** (2009), pag. 3969–3979.
616. Ana Agore, Costel Bontea, Gigel Militaru, Classifying bicrossed products of Hopf algebras, **Algebr. Represent. Theory** **17** (1) (2014), pag. 227–264
Citeaza: S. Burciu, *On the factorization problem and complements for Hopf algebras*, **Central European Journal of Mathematics** **9** (2011), 905–914.
617. Lars Kadison and Christopher J. Young, Subalgebra Depths Within the Path Algebra of an Acyclic Quiver, **Algebra, Geometry and Mathematical Physics Springer Proceedings in Mathematics and Statistics Volume** **85** (2014), pag. 83–97
Citeaza: Sebastian Burciu and Lars Kadison, *Subgroups of depth three*, **Surveys in Differential Geometry** **15** (2011), pag. 17–36.
618. Lars Kadison and Christopher J. Young, Subalgebra Depths Within the Path Algebra of an Acyclic Quiver, **Algebra, Geometry and Mathematical Physics Springer**

- Proceedings in Mathematics and Statistics Volume 85** (2014), pag. 83–97
Citeaza: S. Burciu, L. Kadison and B. Külshammer, *On subgroup depth*, **International Electronic Journal of Algebra** **9** (2011), pag. 133–166.
619. P. Bruillard, C. Galindo, S.-M. Hong, Y. Kashina, D. Naidu, S. Natale, J. Plavnik and E. Rowell, Classification of integral modular categories of Frobenius-Perron dimension pq^4 and p^2q^2 , **Canadian Mathematical Bulletin** **57** (4) ,(2014) pag. 721–734.
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics** **54** , (2013), 013511.
620. Alberto Hernandez, Lars Kadison, Marcin Szamotulski, Subgroup depth and twisted coefficients, **math archive: arXiv:1410.0835** (2014), pag. 21.
Citeaza: S. Burciu, L. Kadison and B. Külshammer, *On subgroup depth*, **International Electronic Journal of Algebra** **9** (2011), pag. 133–166.
621. Alberto Hernandez, Lars Kadison, Marcin Szamotulski, Subgroup depth and twisted coefficients, **math archive: arXiv:1410.0835** (2014), pag. 21.
Citeaza: Sebastian Burciu, *Subgroups of odd depth - a necessary condition*, **Czechoslovak Mathematical Journal** **63** (2013), pag. 1039–1048.
622. Alberto Hernandez, Lars Kadison, Marcin Szamotulski, Subgroup depth and twisted coefficients, **math archive: arXiv:1410.0835** (2014), pag. 21.
Citeaza: Sebastian Burciu and Lars Kadison, *Subgroups of depth three*, **Surveys in Differential Geometry** **15** (2011), pag. 17–36.
623. Li Dai and Jingcheng Dong, On Kaplansky’s sixth conjecture, **to appear Rendiconti del Seminario Matematico della Universita di Padova (European Mathematical Society) math archive: arXiv:1409.2545** (2014), pag. 17
Citeaza: S. Burciu, *Representations of degree three for semisimple Hopf algebras*, **Journal of Pure and Applied Algebra** **194** (2004), 85–93.
624. Li Dai and Jingcheng Dong, On Kaplansky’s sixth conjecture, **to appear Rendiconti del Seminario Matematico della Universita di Padova (European Mathematical Society) math archive: arXiv:1409.2545** (2014), pag. 17
Citeaza: S. Burciu, *On the classification of semisimple Hopf algebras: structure and applications*, **Noncommutative Structures in Mathematics and Physics**, eds: **S. Caenepeel, J. Fuchs and A. Stolin, Proc. Royal Flemish Academy of Belgium, Brussels** (2009), pag. 29–45.
625. L. Hethelyi, E. Horváth, And F. Petényi, The depth of subgroups of Suzuki groups **math archive: arxiv:1404.1523** (2014), pag. 15
Citeaza: S. Burciu, L. Kadison and B. Külshammer, *On subgroup depth*, **International Electronic Journal of Algebra** **9** (2011), pag. 133–166.
626. Sonia Natale and Edwin Pacheco, Graphs attached to simple Frobenius-Perron dimensions of an integral fusion, category **arXiv:1403.1247** (2014), pag.
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics** **54** , (2013), 013511.

627. Chris Negron and Sarah Witherspoon, An Alternate Approach to the Lie Bracket on Hochschild Cohomology, **arXiv:1406.0036**, (2014) pag 20. *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.
628. Jingcheng Dong and Li Dai, Existence of Tannakian subcategories and its applications, **arXiv:1404.4115** (2014), pag. 17
Citeaza: S. Burciu and S. Natale, *Fusion rules of equivariantizations of fusion categories*, **Journal of Mathematical Physics** **54** , (2013), 013511.
629. Marc Keilberg and Peter Schauenburg, On tensor factorizations of Hopf algebras, **arXiv:1410.6290** (2014), pag. 24
Citeaza: S. Burciu, *On the factorization problem and complements for Hopf algebras*, **Central European Journal of Mathematics** **9** (2011), 905–914.
630. Lars Kadison, Hopf subalgebras and tensor power of generalized permutation modules, **Journal of Pure and Applied Algebra** **218**, (2), (2014), pag. 367–380
Citeaza: S. Burciu and L. Kadison, Subgroups of depth three, **Surveys in Differential Geometry** **15** (2011), pp. 17–36
631. Lars Kadison, Hopf subalgebras and tensor power of generalized permutation modules, **Journal of Pure and Applied Algebra** **218**, (2), (2014), pag. 367–380
Citeaza: S. Burciu, L. Kadison and B. Külshammer, *On subgroup depth*, **International Electronic Journal of Algebra** **9** (2011), pag. 133–166.
632. G. P. B. Dresden, Z. H. Du, A simplified Binet formula for k -generalized Fibonacci numbers, **J. Integer Sequences** **17** (2014), article 14.4.7
Citează: M. Cipu, F. Luca, *On the Galois group of the generalized Fibonacci polynomial*, **An. St. "Ovidius" Univ. Constanța** **9** (2001), 327–38.
633. L. J. Qu, C. S. Ding, Dickson polynomials of the second kind that permute \mathbb{Z}_M , **SIAM J. on Discrete Math.** **28** (2014), 722–735
Citează: M. Cipu, *Dickson polynomials that are permutations*, **Serdica Math. J.** **30** (2004), 37–49.
634. L. J. Qu, C. S. Ding, Dickson polynomials of the second kind that permute \mathbb{Z}_M , **SIAM J. on Discrete Math.** **28** (2014), 722–735
Citează: M. Cipu, S. D. Cohen, *Dickson polynomial permutations*, **Finite Fields and Applications** (G.L. Mullen, D. Panario, I.E. Shparlinski, eds.), Contemp. Math. 461, Amer. Math. Soc., 2008, pp.79–90.
635. A. Hashemi, Solving linear systems of equations over integers with Gröbner bases, **Acta Arith.** **163** (2014), 261–270
Citează: M. Cipu, *Gröbner bases and Diophantine analysis*, **J. Symb. Comp.** **43** (2008), 681–687.
636. Y. Yu, X. Li, The exponential Diophantine equation $2^x + b^y = c^z$, **Sci. World J.** **2014** (2014), Article ID 401816
Citează: M. Cipu, M. Mignotte, *On a conjecture on exponential Diophantine equations*, **Acta Arith.** **140** (2009), 251–270.

637. Z. Franušici, I. Soldo, The problem of Diophantus for integers of $\mathbb{Q}[\sqrt{-3}]$, **Rad Hrvat. Akad. Znan. Umjet.** **18** (2014), 15–25
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte, *On $D(-1)$ -quadruples*, **Publ. Mat.** **56** (2012), 279–304.
638. C. Elsholtz, A. Filipin, Y. Fujita, On Diophantine quintuples and $D(-1)$ -quadruples, **Monats. Math.** **175** (2014), 227–239
Citează: N. C. Bonciocat, M. Cipu, M. Mignotte, *On $D(-1)$ -quadruples*, **Publ. Mat.** **56** (2012), 279–304.
639. D. Ştefănescu, On the factorization of polynomials over discrete valuation domains, **An. Şt. Univ. Ovidius Constanţa** **22** (2014), 273–280
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), 1529–1539.
640. D. Ştefănescu, Applications of the Newton Index to the Construction of Irreducible Polynomials, în **Computer Algebra in Scientific Computing, Proc. 16th International Workshop, CASC 2014, Warsaw, Poland, September 8-12, 2014**, (V. P. Gerdt, W. Koepf, W. M. Seiler, E. V. Vorozhtsov, eds.), LNCS 8660, Springer, ISBN 978-3-319-10514-7, 2014, pp. 460–471
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), 1529–1539.
641. Smith, Daniel B., A sufficient condition for the existence of a principal eigenvalue for nonlocal diffusion equations with applications. **J. Math. Anal. Appl.** **418** (2014), no. 2, 766–774.
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.*, **J. Differential Equations** **252**, (2012), no. 12, 6429–6447.
642. Sun, Jian-Wen; Yang, Fei-Ying; Li, Wan-Tong, A nonlocal dispersal equation arising from a selection-migration model in genetics. **J. Differential Equations** **257** (2014), no. 5, 1372–1402.
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.*, **J. Differential Equations** **252**, (2012), no. 12, 6429–6447.
643. Pausader, Benoit ; Tzvetkov, Nikolay; Wang, Xuecheng, Global regularity for the energy-critical NLS on S^3 . **Ann. Inst. H. Poincare Anal. Non Lineaire** **31** (2014), no. 2, 315–338,
Citeaza: Banica, Valeria; Ignat, Liviu I. *Dispersion for the Schrodinger equation on networks.* , **J. Math. Phys.** (2011), no. 8, 083703, 14 pp.
644. Noja, Diego, Nonlinear Schrödinger equation on graphs: recent results and open problems, **Philosophical Transactions of The Royal Society A-Mathematical Physical And Engineering Sciences** **372** (2014), no. 2007, 20130002,
Citeaza: Banica, Valeria; Ignat, Liviu I. *Dispersion for the Schrodinger equation on networks.* , **J. Math. Phys.** (2011), no. 8, 083703, 14 pp.

645. Smith, Daniel B., A sufficient condition for the existence of a principal eigenvalue for nonlocal diffusion equations with applications. **J. Math. Anal. Appl.** 418 (2014), no. 2, 766–774.
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.
646. Sun, Jiebao; Li, Jing; Liu, Qiang, Cauchy problem of a nonlocal p-Laplacian evolution equation with nonlocal convection. **Nonlinear Anal.** 95 (2014), 691–702.
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.
647. Darbas, Marion; Lohrengel, Stephanie, Numerical reconstruction of small perturbations in the electromagnetic coefficients of a dielectric material. **J. Comput. Math.** (2014), 32 (2014), no. 1, 21–38.
Citeaza: Ignat, Liviu I.; Zuazua, Enrique, *Convergence of a two-grid algorithm for the control of the wave equation.*, **J. Eur. Math. Soc. (JEMS)** 11 (2009), no. 2, 351–391.
648. Bugariu, Ioan Florin; Micu, Sorin, A singular controllability problem with vanishing viscosity. **ESAIM Control Optim. Calc. Var.** 20 (2014), no. 1, 116–140,
Citeaza: Ignat, Liviu I.; Zuazua, Enrique *SIAM J. Numer. Anal. Numerical dispersive schemes for the nonlinear Schrodinger equation*, **SIAM J. Numer. Anal.** 47 (2009), no. 2, 1366–1390.
649. Du, Qiang; Huang, Zhan; Lehoucq, Richard B. Nonlocal convection-diffusion volume-constrained problems and jump processes. **Discrete Contin. Dyn. Syst. Ser. B** 19 (2014), no. 2, 373–389,
Citeaza: Ignat, Liviu I.; Rossi, Julio D. *A nonlocal convection-diffusion equation.*, **J. Funct. Anal.** 251 (2007), no. 2, 399–437.
650. Hou, Xiaojie; Wang, Biao; Zhang, Zhengce Mutual inclusion in a nonlocal competitive Lotka Volterra system, **rJpn. J. Ind. Appl. Math.** 31 (2014), no. 1, 87–110
Citeaza: Ignat, Liviu I.; Rossi, Julio D. *A nonlocal convection-diffusion equation.*, **J. Funct. Anal.** 251 (2007), no. 2, 399–437.
651. Sun, Jiebao; Li, Jing; Liu, Qiang, Cauchy problem of a nonlocal p-Laplacian evolution equation with nonlocal convection. **Nonlinear Anal.** 95 (2014), 691–702.
Citeaza: Ignat, Liviu I.; Rossi, Julio D. *A nonlocal convection-diffusion equation.*, **J. Funct. Anal.** 251 (2007), no. 2, 399–437.
652. Bugariu, Ioan Florin; Micu, Sorin, A singular controllability problem with vanishing viscosity. **ESAIM Control Optim. Calc. Var.** 20 (2014), no. 1, 116–140,
Citeaza: Ignat, Liviu I.; Zuazua, Enrique *Dispersive properties of numerical schemes for nonlinear Schrodinger equations.*, **Foundations of computational mathematics, Santander 2005, London Math. Soc. Lecture Note Ser.**, 331, Cambridge Univ. Press, Cambridge , 2006, 181–207.
653. Bugariu, Ioan Florin; Roventa, Ionel, Small time uniform controllability of the linear one-dimensional Schrödinger equation with vanishing viscosity. **J. Optim. Theory Appl.** 160 (2014), no. 3, 949–965,
Citeaza: Ignat, Liviu I.; Zuazua, Enrique, *Dispersive properties of numerical schemes*

for nonlinear Schrödinger equations., **Foundations of computational mathematics, Santander 2005, London Math. Soc. Lecture Note Ser., 331, Cambridge Univ. Press, Cambridge** , 2006, 181–207.

654. Bugariu, Ioan Florin; Roventa, Ionel, Small time uniform controllability of the linear one-dimensional Schrödinger equation with vanishing viscosity. **J. Optim. Theory Appl.** **160** (2014), no. 3, 949–965,
Citeaza: Ignat, Liviu I.; Zuazua, Enrique, *Dispersive properties of a viscous numerical scheme for the Schrödinger equation*, **C. R. Math. Acad. Sci. Paris** **340**, (2005), no. 7, 529–534
655. R. Zaharopol, Invariant Probabilities of Transition Functions, **Springer** (2014)
Citeaza: L. Beznea, N. Boboc, *Potential Theory and Right Processes*, **Kluwer/Springer** (2004)
656. M. Haiducu, C. Udrea, Perturbation with functions of the Monge-Ampère operator, **Proceedings Romanian Academy, Series A, vol. 15** (2014), pag. 115–122
Citeaza: L. Beznea, N. Boboc, *Potential Theory and Right Processes*, **Kluwer/Springer** (2004)
657. M. Haiducu, C. Udrea, Perturbation with functions of the Monge-Ampère operator, **Proceedings Romanian Academy, Series A, vol. 15** (2014), pag. 115–122
Citeaza: L. Beznea, *Potential type subordonations*, **Rev. Roum. Math. Pures Appl.** **36** (1991), pag. 115–135
658. M. Haiducu, C. Udrea, Perturbation with functions of the Monge-Ampère operator, **Proceedings Romanian Academy, Series A, vol. 15** (2014), pag. 115–122
Citeaza: L. Beznea, N. Boboc, *Feynman-Kac formula for left continuous additive functionals and extended Kato class measures*, **Potential Analysis** **30** (2009), pag. 139–164
659. M. Haiducu, C. Udrea, Perturbation with functions of the Monge-Ampère operator, **Proceedings Romanian Academy, Series A, vol. 15** (2014), pag. 115–122
Citeaza: L. Beznea, N. Boboc *Measures not charging polar sets and Schrödinger equations in L^p* , **Acta Math. Sinica English Series** **26** (2010), pag. 249–264
660. M. Haiducu, C. Udrea, Perturbation with functions of the Monge-Ampère operator, **Proceedings Romanian Academy, Series A, vol. 15** (2014), pag. 115–122
Citeaza: L. Beznea, A. Oprina, *A class of subordination operators on a direct sum*, **Math. Reports** **12** (2010), pag. 119–126,
661. Z. M. Tang, Stanley depths of certain Stanley-Reisner rings, **J. Algebra** **409** (2014), 430–443
Citeaza: J. Herzog, D. Popescu M. Vladioiu, *Stanley depth and size of a monomial ideal*, **Proceedings of AMS** **140** (2012), 493–504.
662. Z. M. Tang, Stanley depths of certain Stanley-Reisner rings, **J. Algebra** **409** (2014), 430–443
Citeaza: J. Herzog, D. Popescu M. Vladioiu, *Stanley conjecture on intersection of four monomial prime ideals*, **Communications in Alg.**, **41** (2013), 4351–4362.

663. Z. M. Tang, Stanley depths of certain Stanley-Reisner rings, **J. Algebra** 409 (2014), 430–443
Citeaza: D. Popescu, M. Qureshi, *Computing the Stanley depth*, **Journal of Algebra**, **323** (2010), 2943–2959.
664. M. Cimpoeas, Stanley depth of quotient of monomial complete intersection ideals, **Comm. Algebra** **42** (2014), no. 10, 4274–4280
Citeaza: Dorin Popescu, *An inequality between depth and Stanley depth*, **Bull. Math. Soc. Sc. Math. Roumanie** **52(100)** (2009), 377–382.
665. B. Ichim, J.-J. Moyano-Fernandez, *How to compute the multigraded Hilbert depth of a module*, **Math. Nachr.** **287** (2014), no. 11–12, 1274–1287
Citeaza: Dorin Popescu, *Stanley depth of multigraded modules*, **Journal of Algebra** **321** (2009), 2782–2797.
666. B. Ichim, J.-J. Moyano-Fernandez, *How to compute the multigraded Hilbert depth of a module*, **Math. Nachr.** **287** (2014), no. 11–12, 1274–1287
Citeaza: I. Anwar, D. Popescu, *Stanley conjecture in small embedding dimension*, **J. Algebra** **318**, (2007), 1027–1031.
667. S. Bandari, K. Divaani-Aazar, A. Soleyman Jahan, *Almost complete intersections and Stanley’s conjecture*, **Kodai Math. J.** **37** (2014), no. 2, 396–404
Citeaza: J. Herzog, D. Popescu, *Finite filtrations of modules and shellable multicomplexes*, **Manuscripta Math.**, **121**, no 3, (2006), 385–410.
668. S. Bandari, K. Divaani-Aazar, A. Soleyman Jahan, *Almost complete intersections and Stanley’s conjecture*, **Kodai Math. J.** **37** (2014), no. 2, 396–404
Citeaza: Dorin Popescu, *Stanley depth of multigraded modules*, **Journal of Algebra** **321** (2009), 2782–2797.
669. G. Caviglia, M. Kummini, *Betti tables of p -Borel-fixed ideals*, **J. Algebraic Combin.** **39** (2014), no. 3, 711–718
Citeaza: Dorin Popescu, *Extremal Betti numbers and regularity of Borel type ideals*, **Bull Math. Soc. Sc. Roum.** **48(96)**, no 1, (2005), 65–72.i
670. G. Caviglia, M. Kummini, *Betti tables of p -Borel-fixed ideals*, **J. Algebraic Combin.** **39** (2014), no. 3, 711–718
Citeaza: J. Herzog, D. Popescu, *On the regularity of p -Borel ideals*, **Proceedings of Amer. Math. Soc.**, **129**(2001), 2563–2570.
671. G. Caviglia, M. Kummini, *Betti tables of p -Borel-fixed ideals*, **J. Algebraic Combin.** **39** (2014), no. 3, 711–718
Citeaza: V. Ene, G. Pfister, D. Popescu, *Betti numbers for p -stable ideals*, **Commun. in Alg.**, **28(3)** (2000), 1515–1531.
672. J. Herzog, M. Vladoiu, *Monomial ideals with primary components given by powers of monomial prime ideals*, **Electron. J. Combin.** **21** (2014), no. 1, Paper 1.69, 18 pp.
Citeaza: J. Herzog, D. Popescu, M. Vladoiu, *On the Ext-modules of ideals of Borel type*, in *Commutative Algebra, Interactions with Algebraic Geometry*, Eds: L. Avramov et al, **Contemporary Math. Nr 331**, AMS, Providence, 2003, 171–186.

673. M. Kashiwara, K. Vilonen, *Microdifferential systems and the codimension-three conjecture*, **Ann. of Math. (2)** **180** (2014), no. 2, 573–620
Citeaza: D. Popescu, *On a question of Quillen*, **Bull. Math. Soc. Sci. Roum.**, **45(93)**, no. 3-4 (2002), 209–212.
674. M. K. Keshari, S. A. Lokhande, *Projective modules over overrings of polynomial rings and a question of Quillen*, **J. Pure Appl. Algebra** **218** (2014), no. 6, 1003–1011
Citeaza: D. Popescu, *On a question of Quillen*, **Bull. Math. Soc. Sci. Roum.**, **45(93)**, no. 3-4 (2002), 209–212.
675. G. Caviglia, M. Kummini, *Poset embeddings of Hilbert functions and Betti numbers*, **J. Algebra** **410** (2014), 244–257
Citeaza: J. Herzog, D. Popescu, *Hilbert functions and generic forms*, **Compositio Math.** **113** (1998), 1–22.
676. A. Stavrova, *Homotopy invariance of non-stable K_1 -functors*, **J. K-Theory** **13** (2014), no. 2, 199–248
Citeaza: Dorin Popescu, *Letter to the Editor, General Neron desingularization and approximation*, **Nagoya Math. J.** **118** (1990), 45–53.
677. A. Stavrova, *Homotopy invariance of non-stable K_1 -functors*, **J. K-Theory** **13** (2014), no. 2, 199–248
Citeaza: Dorin Popescu, *Polynomial rings and their projective modules*, **Nagoya Math. J.** **113** (1989), 121–128.
678. M. Morrow, *K -theory of one-dimensional rings via pro-excision*, **J. Inst. Math. Jussieu** **13** (2014), no. 2, 225–272
Citeaza: Dorin Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.** **104** (1986), 85–115.
679. M. Morrow, *K -theory of one-dimensional rings via pro-excision*, **J. Inst. Math. Jussieu** **13** (2014), no. 2, 225–272
Citeaza: Dorin Popescu, *General Neron desingularization*, **Nagoya Math. J.** **100** (1985), 97–126.
680. M. Morrow, *K_2 of localisations of local rings*, **J. Algebra** **399** (2014), 190–204
Citeaza: Dorin Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.** **104** (1986), 85–115.
681. M. Morrow, *K_2 of localisations of local rings*, **J. Algebra** **399** (2014), 190–204
Citeaza: Dorin Popescu, *General Neron desingularization*, **Nagoya Math. J.** **100** (1985), 97–126.
682. R. Ile, *Stably reflexive modules and a lemma of Knudsen*, **J. Algebra** **397** (2014), 141–167
Citeaza: Dorin Popescu, *General Neron desingularization and Approximation*, **Nagoya Math. J.** **104** (1986), 85–115.
683. A. A. Ambily, R. A. Rao, *Extendability of quadratic modules over a polynomial extension of an equicharacteristic regular local ring*, **J. Pure Appl. Algebra** **218** (2014), no. 10,

1820–1837

Citeaza: Dorin Popescu, *General Neron desingularization*, **Nagoya Math. J.** **100**(1985), 97–126.

684. M. Asgharzadeh, M. Dorreh, M. Tousi, *Direct limits of Cohen-Macaulay rings*, **J. Pure Appl. Algebra** **218** (2014), no. 9, 1730–1744
Citeaza: Dorin Popescu, *General Neron desingularization*, **Nagoya Math. J.** **100** (1985), 97–126.
685. B. Ichim, A. Zarojanu, *An algorithm for computing the multigraded Hilbert depth of a module*, **Experimental Mathematics**, **23:3**, (2014), 322–331
Citeaza: Dorin Popescu, *Stanley depth of multigraded modules*, **Journal of Algebra** **321** (2009), 2782–2797.
686. A. Popescu, *Depth and Stanley depth of the canonical form of a factor of monomial ideals*, **Bull. Math. Soc. Sci. Math. Roumanie** **57(105)** (2014), 207–216
Citeaza: Dorin Popescu, *An inequality between depth and Stanley depth*, **Bull. Math. Soc. Sc. Math. Roumanie** **52(100)** (2009), 377–382.
687. A. Popescu, *Depth and Stanley depth of the canonical form of a factor of monomial ideals*, **Bull. Math. Soc. Sci. Math. Roumanie** **57(105)** (2014), 207–216
Citeaza: A. Popescu, D. Popescu, *Four generated, squarefree, monomial ideals*, **Bridging Algebra, Geometry, and Topology**, editori: Denis Ibadula, Willem Veys, Springer Proceed. in Math., and Statistics, **96**, (2014), arXiv:AC/1309.4986v5.
688. John Brevik, Scott Nollet, *Developments in Noether-Lefschetz theory*, **Hodge Theory, Complex Geometry, and Representation Theory, Contemporary Mathematics vol. 608** (2014), pag. 21 – 50
Citeaza: M. Aprodu, J. Nagel, *Koszul cohomology and algebraic geometry*, **University Lecture Series, American Math. Soc.** (2010).
689. Wanseok Lee, *On projective curves of next to maximal regularity*, **Journal of Pure and Applied Algebra vol. 218** (2014), pag. 735 – 742
Citeaza: M. Aprodu, J. Nagel, *Koszul cohomology and algebraic geometry*, **University Lecture Series, American Math. Soc.** (2010).
690. A. Boustet, A. Hoering, *Singularities of varieties admitting an endomorphism*, **Math. Ann. vol. 360 Issue 1-2** (2014), pag. 439 – 456.
Citeaza: M. Aprodu, S. Kebekus, Th. Peternell, *Galois coverings and endomorphisms of projective varieties*, **Math. Zeitschrift Vol. 260:2** (2008), pag. 431 – 449.
691. Rosa M. Miro-Roig, Joan Pons-Llopis, *n-Dimensional Fano varieties of wild representation type*, **Journal of Pure and Applied Algebra vol. 218, Issue 10** (2014), pag. 1867 – 1884.
Citeaza: Marian Aprodu, Gavril Farkas, Angela Ortega, *Minimal resolutions, Chow forms of K3 surfaces and Ulrich bundles*, **Journal für die reine und angew. Math.** va apare.
692. JC Lario, A Somoza, *The Sato-Tate conjecture for a Picard curve with Complex Multiplication*, **preprint arXiv:1409.6020** (2014)
Citeaza: RP Holzapfel, F Nicolae *Arithmetic on a family of Picard curves*, **Finite**

Fields with Applications to Coding Theory, Cryptography and Related Areas, Springer (2002), pag. 187–208

693. Taghavi, Ali; Afrouzi, Ghasem Alizadeh; Ghorbani, Horieh Existence of nontrivial solution for elliptic systems involving the $p(x)$ -Laplacian. *Studia Sci. Math. Hungar.* 51 (2014), no. 2, 213-230.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
694. Alves, Claudianor O.; Ferreira, Marcelo C. Nonlinear perturbations of a $p(x)$ -Laplacian equation with critical growth in \mathbb{R}^N . *Math. Nachr.* 287 (2014), no. 8-9, 849-868.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
695. Fu, Yongqiang; Yang, Miaomiao Existence of solutions for quasilinear elliptic systems in divergence form with variable growth. *J. Inequal. Appl.* 2014, 2014:23, 16 pp.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
696. Chung, Nguyen Thanh Multiple solutions for a nonlocal problem in Orlicz-Sobolev spaces. *Ric. Mat.* 63 (2014), no. 1, 169-182.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
697. Zhang, Xia; Huo, Yan; Fu, Yongqiang Higher integrability for nonlinear elliptic equations with variable growth and discontinuous coefficients. *J. Math. Anal. Appl.* 418 (2014), no. 1, 425-443.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
698. Boureanu, Maria-Magdalena; Matei, Andaluzia; Sofonea, Mircea Nonlinear problems with $p(\cdot)$ -growth conditions and applications to antiplane contact models. *Adv. Nonlinear Stud.* 14 (2014), no. 2, 295-313.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
699. Correa, Francisco Julio S. A.; Costa, Augusto Cesar Dos Reis A variational approach for a bi-non-local elliptic problem involving the $p(x)$ -Laplacian and non-linearity with non-standard growth. *Glasg. Math. J.* 56 (2014), no. 2, 317-333.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641

700. Zhang, Xia; Fu, Yongqiang Solutions for nonlinear elliptic equations with variable growth and degenerate coercivity. *Ann. Mat. Pura Appl.* (4) 193 (2014), no. 1, 133-161.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
701. Ho, Ky; Sim, Inbo Existence and some properties of solutions for degenerate elliptic equations with exponent variable. *Nonlinear Anal.* 98 (2014), 146-164.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
702. Bocea, Marian; Mihailescu, Mihai On the continuity of the Luxemburg norm of the gradient in $L^{p(\cdot)}$ with respect to $p(\cdot)$. *Proc. Amer. Math. Soc.* 142 (2014), no. 2, 507-517.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
703. Chung, Nguyen Thanh; Toan, Hoang Quoc On a class of anisotropic elliptic equations without Ambrosetti-Rabinowitz type conditions. *Nonlinear Anal. Real World Appl.* 16 (2014), 132-145.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
704. Kong, Lingju On a fourth order elliptic problem with a $p(x)$ -biharmonic operator. *Appl. Math. Lett.* 27 (2014), 21-25.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *A multiplicity result for a nonlinear degenerate problem arising in the theory of electrorheological fluids*, **Proc. R. Soc. Lond. Ser. A Math. Phys. Eng. Sci.** **462** (2006), pag. 2625 – 2641
705. Zhang, Zhijun; Li, Bo; Li, Xiaohong The exact boundary behavior of the unique solution to a singular Dirichlet problem with a nonlinear convection term. *Nonlinear Anal.* 108 (2014), 14-28
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Uniqueness of the blow-up boundary solution of logistic equations with absorbtion*, **C. R. Math. Acad. Sci. Paris** **335** (2002), pag. 447 – 452
706. Wang, Wei; Gong, Hanzhao; Zheng, Sining Asymptotic estimates of boundary blow-up solutions to the infinity Laplace equations. *J. Differential Equations* 256 (2014), no. 11, 3721-3742
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Uniqueness of the blow-up boundary solution of logistic equations with absorbtion*, **C. R. Math. Acad. Sci. Paris** **335** (2002), pag. 447 – 452
707. Liu, Shufang; Xu, Yonglin Boundary blow-up solutions to semilinear elliptic equations with nonlinear gradient terms. *Electron. J. Differential Equations* 2014, No. 09, 20 pp.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Uniqueness of the blow-up boundary solution*

- of logistic equations with absorbtion, **C. R. Math. Acad. Sci. Paris** **335** (2002), pag. 447 – 452
708. Rhouma, N. Belhaj; Drissi, A. Existence and asymptotic behavior for solutions to boundary blow-up elliptic problems. *Adv. Nonlinear Stud.* 14 (2014), no. 1, 183-197.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Uniqueness of the blow-up boundary solution of logistic equations with absorbtion*, **C. R. Math. Acad. Sci. Paris** **335** (2002), pag. 447 – 452
709. Belhaj Rhouma, Nedra; Drissi, Amor Existence of blow-up solutions of semilinear elliptic problems. *Differ. Equ. Dyn. Syst.* 22 (2014), no. 1, 51-72.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Uniqueness of the blow-up boundary solution of logistic equations with absorbtion*, **C. R. Math. Acad. Sci. Paris** **335** (2002), pag. 447 – 452
710. Taghavi, Ali; Afrouzi, Ghasem Alizadeh; Ghorbani, Horieh Existence of nontrivial solution for elliptic systems involving the $p(x)$ -Laplacian. *Studia Sci. Math. Hungar.* 51 (2014), no. 2, 213-230.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937
711. Afrouzi, G. A.; Mirzapour, M.; Chung, N. T. Existence and multiplicity of solutions for Kirchhoff type problems involving $p(x)$ -biharmonic operators. *Z. Anal. Anwend.* 33 (2014), no. 3, 289-303.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937
712. Pucci, Patrizia; Zhang, Qihu Existence of entire solutions for a class of variable exponent elliptic equations. *J. Differential Equations* 257 (2014), no. 5, 1529-1566.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937
713. Zhang, Xia; Huo, Yan; Fu, Yongqiang Higher integrability for nonlinear elliptic equations with variable growth and discontinuous coefficients. *J. Math. Anal. Appl.* 418 (2014), no. 1, 425-443.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937
714. Liang, Yuan; Zhang, Qihu; Zhao, Chunshan On the boundary blow-up solutions of $p(x)$ -Laplacian equations with gradient terms. *Taiwanese J. Math.* 18 (2014), no. 2, 599-632.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937

715. Correa, Francisco Julio S. A.; Costa, Augusto Cesar Dos Reis A variational approach for a bi-non-local elliptic problem involving the $p(x)$ -Laplacian and non-linearity with non-standard growth. *Glasg. Math. J.* 56 (2014), no. 2, 317-333.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937
716. Zhang, Xia; Fu, Yongqiang Solutions for nonlinear elliptic equations with variable growth and degenerate coercivity. *Ann. Mat. Pura Appl.* (4) 193 (2014), no. 1, 133-161.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937
717. Zhang, Xia; Huo, Yan; Fu, Yongqiang Regularity for minimizers of functions with variable growth and discontinuous coefficients. *Ann. Polon. Math.* 110 (2014), no. 2, 171-187. Existence of nontrivial solution for elliptic systems involving the $p(x)$ -Laplacian. *Studia Sci. Math. Hungar.* 51 (2014), no. 2, 213-230.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *On a nonhomogeneous quasilinear eigenvalue problem in Sobolev spaces with variable exponent*, **Proc. Amer. Math. Soc.** **135** (2007), pag. 2929 – 2937
718. Zhang, Zhijun; Li, Bo; Li, Xiaohong The exact boundary behavior of the unique solution to a singular Dirichlet problem with a nonlinear convection term. *Nonlinear Anal.* 108 (2014), 14-28.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Singular elliptic problems: bifurcation and asymptotic analysis*. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.
719. Maagli, Habib; Chemmam, Rym; Ben Othman, Sonia Asymptotic behavior of positive solutions of a nonlinear combined p -Laplacian equation. *Mediterr. J. Math.* 11 (2014), no. 3, 857-872.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Singular elliptic problems: bifurcation and asymptotic analysis*. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.
720. Belhaj Rhouma, N.; Drissi, A.; Sayeb, W. Nonradial large solutions for a class of nonlinear problems. *Complex Var. Elliptic Equ.* 59 (2014), no. 5, 706-722.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Singular elliptic problems: bifurcation and asymptotic analysis*. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.
721. Dhanya, R.; Prashanth, S.; Sreenadh, K.; Tiwari, Sweta Critical growth elliptic problem in \mathbb{R}^2 with singular discontinuous nonlinearities. *Adv. Differential Equations* 19 (2014), no. 5-6, 409-440.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Singular elliptic problems: bifurcation and asymptotic analysis*. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.
722. Bachar, Imed; Maagli, Habib Existence and global asymptotic behavior of positive solutions for nonlinear problems on the half-line. *J. Math. Anal. Appl.* 416 (2014), no. 1,

181-194.

Citeaza: M. Ghergu, Vicențiu D. Rădulescu, Singular elliptic problems: bifurcation and asymptotic analysis. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.

723. Miri, Sofiane El-Hadi Existence of solutions to quasilinear elliptic problems with nonlinearity and absorption-reaction gradient term. *Electron. J. Differential Equations* 2014, No. 32, 12 pp.

Citeaza: M. Ghergu, Vicențiu D. Rădulescu, Singular elliptic problems: bifurcation and asymptotic analysis. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.

724. Alsaedi, Ramzi; Maagli, Habib; Zeddini, Noureddine Estimates on potential functions and boundary behavior of positive solutions for sublinear Dirichlet problems. *Electron. J. Differential Equations* 2014, No. 08, 10 pp.

Citeaza: M. Ghergu, Vicențiu D. Rădulescu, Singular elliptic problems: bifurcation and asymptotic analysis. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.

725. Ben Othman, Sonia; Khamessi, Bilel Asymptotic behavior of positive solutions of a nonlinear Dirichlet problem. *J. Math. Anal. Appl.* 409 (2014), no. 2, 925-933.

Citeaza: M. Ghergu, Vicențiu D. Rădulescu, Singular elliptic problems: bifurcation and asymptotic analysis. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.

726. Abdellaoui, B.; Attar, A.; Miri, S. E. Nonlinear singular elliptic problem with gradient term and general datum. *J. Math. Anal. Appl.* 409 (2014), no. 1, 362-377.

Citeaza: M. Ghergu, Vicențiu D. Rădulescu, Singular elliptic problems: bifurcation and asymptotic analysis. Oxford Lecture Series in Mathematics and its Applications, 37. The Clarendon Press, Oxford University Press, Oxford, 2008.

727. Molica Bisci, Giovanni Sequences of weak solutions for fractional equations. *Math. Res. Lett.* 21 (2014), no. 2, 241-253.

Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. *Encyclopedia of Mathematics and its Applications*, 136. Cambridge University Press, Cambridge, 2010.

728. Bisci, Giovanni Molica; Pansera, Bruno Antonio Three weak solutions for nonlocal fractional equations. *Adv. Nonlinear Stud.* 14 (2014), no. 3, 619-629.

Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. *Encyclopedia of Mathematics and its Applications*, 136. Cambridge University Press, Cambridge, 2010.

729. Molica Bisci, Giovanni; Repovš, Dusan Higher nonlocal problems with bounded potential. *J. Math. Anal. Appl.* 420 (2014), no. 1, 167-176.

Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations

- and unilateral problems. With a foreword by Jean Mawhin. Encyclopedia of Mathematics and its Applications, 136. Cambridge University Press, Cambridge, 2010.
730. Alves, Claudianor O.; Ferreira, Marcelo C. Nonlinear perturbations of a $p(x)$ -Laplacian equation with critical growth in \mathbb{R}^N . Math. Nachr. 287 (2014), no. 8-9, 849-868.
Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. Encyclopedia of Mathematics and its Applications, 136. Cambridge University Press, Cambridge, 2010.
731. Galewski, Marek; Galewska, Elbieta; Schmeidel, Ewa Conditions for having a diffeomorphism between two Banach spaces. Electron. J. Differential Equations 2014, No. 99, 6 pp.
Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. Encyclopedia of Mathematics and its Applications, 136. Cambridge University Press, Cambridge, 2010.
732. Molica Bisci, Giovanni; Repovš, Dusan Multiple solutions for elliptic equations involving a general operator in divergence form. Ann. Acad. Sci. Fenn. Math. 39 (2014), no. 1, 259-273.
Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. Encyclopedia of Mathematics and its Applications, 136. Cambridge University Press, Cambridge, 2010.
733. Vélin, Jean Multiple solutions for a class of (p, q) -gradient elliptic systems via a fibering method. Proc. Roy. Soc. Edinburgh Sect. A 144 (2014), no. 2, 363-393.
Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. Encyclopedia of Mathematics and its Applications, 136. Cambridge University Press, Cambridge, 2010.
734. Molica Bisci, Giovanni; Repovš, Dusan Multiple solutions of p -biharmonic equations with Navier boundary conditions. Complex Var. Elliptic Equ. 59 (2014), no. 2, 271-284.
Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. Encyclopedia of Mathematics and its Applications, 136. Cambridge University Press, Cambridge, 2010.
735. Molica Bisci, Giovanni Fractional equations with bounded primitive. Appl. Math. Lett. 27 (2014), 53-58.
Citeaza: A. Kristaly, Vicențiu D. Rădulescu, C. Varga, Variational principles in mathematical physics, geometry, and economics. Qualitative analysis of nonlinear equations and unilateral problems. With a foreword by Jean Mawhin. Encyclopedia of Mathematics and its Applications, 136. Cambridge University Press, Cambridge, 2010.
736. Afrouzi, G. A.; Mirzapour, M. Existence and multiplicity of solutions for nonlocal $p(\vec{x})$ -Laplacian problem. Taiwanese J. Math. 18 (2014), no. 1, 219-236.

- Citeaza:* M. Mihailescu, P. Pucci, Vicențiu D. Rădulescu, *Eigenvalue problems for anisotropic quasilinear elliptic equations with variable exponent*, **J. Math. Anal. Appl.** **340** (2008), pag. 687 – 698
737. Chung, Nguyen Thanh; Toan, Hoang Quoc On a class of anisotropic elliptic equations without Ambrosetti-Rabinowitz type conditions. *Nonlinear Anal. Real World Appl.* **16** (2014), 132-145.
Citeaza: M. Mihailescu, P. Pucci, Vicențiu D. Rădulescu, *Eigenvalue problems for anisotropic quasilinear elliptic equations with variable exponent*, **J. Math. Anal. Appl.** **340** (2008), pag. 687 – 698
738. Galewski, Marek; Galewska, Elbieta; Schmeidel, Ewa Conditions for having a diffeomorphism between two Banach spaces. *Electron. J. Differential Equations* 2014, No. 99, 6 pp.
Citeaza: D. Motreanu, Vicențiu D. Rădulescu, *Variational and non-variational methods in nonlinear analysis and boundary value problems. Nonconvex Optimization and its Applications*, 67. Kluwer Academic Publishers, Dordrecht, 2003.
739. Arriagada, W.; Huentutripay, J. Blow-up rates of large solutions for a ϕ -Laplacian problem with gradient term. *Proc. Roy. Soc. Edinburgh Sect. A* **144** (2014), no. 4, 669-689.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Nonlinear problems with boundary blow-up: a Karamata regular variation theory approach*, **Asymptot. Anal.** **46** (2006), pag. 275 – 298
740. Wang, Wei; Gong, Hanzhao; Zheng, Sining Asymptotic estimates of boundary blow-up solutions to the infinity Laplace equations. *J. Differential Equations* **256** (2014), no. 11, 3721-3742.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Nonlinear problems with boundary blow-up: a Karamata regular variation theory approach*, **Asymptot. Anal.** **46** (2006), pag. 275 – 298
741. Liu, Shufang; Xu, Yonglin Boundary blow-up solutions to semilinear elliptic equations with nonlinear gradient terms. *Electron. J. Differential Equations* 2014, No. 09, 20 pp.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Asymptotics for the blow-up boundary solution of the logistic equation with absorption*, **C. R. Math. Acad. Sci. Paris** **336** (2003), pag. 231 – 236
742. Wang, Wei; Gong, Hanzhao; Zheng, Sining Asymptotic estimates of boundary blow-up solutions to the infinity Laplace equations. *J. Differential Equations* **256** (2014), no. 11, 3721-3742.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Asymptotics for the blow-up boundary solution of the logistic equation with absorption*, **C. R. Math. Acad. Sci. Paris** **336** (2003), pag. 231 – 236
743. Liang, Yuan; Zhang, Qihu; Zhao, Chunshan On the boundary blow-up solutions of $p(x)$ -Laplacian equations with gradient terms. *Taiwanese J. Math.* **18** (2014), no. 2, 599-632.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *Continuous spectrum for a class of non-homogeneous differential operators*, **Manuscripta Math.** **125** (2008), pag. 157 – 167

744. Lair, Alan V.; Mohammed, Ahmed Large solutions to semi-linear elliptic systems with variable exponents. *J. Math. Anal. Appl.* 420 (2014), no. 2, 1478-1499.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Entire solutions blowing up at infinity for semilinear elliptic systems*, **J. Math. Pures Appl.** (9) **81** (2002), pag. 827 – 846
745. Rhouma, N. Belhaj; Drissi, A. Existence and asymptotic behavior for solutions to boundary blow-up elliptic problems. *Adv. Nonlinear Stud.* 14 (2014), no. 1, 183-197.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Blow-up boundary solutions of semilinear elliptic problems*, **Nonlinear Anal.** **48** (2002), pag. 521 – 534
746. Galewski, Marek; Kowalski, Piotr Three solutions to discrete anisotropic problems with two parameters. *Cent. Eur. J. Math.* 12 (2014), no. 10, 1403-1415.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, S. Tersian, *Eigenvalue problems for anisotropic discrete boundary value problems*, **J. Difference Equ. Appl.** **15** (2009), pag. 557 – 567
747. Moghadam, Mohsen Khaleghi; Heidarkhani, Shapour; Henderson, Johnny Infinitely many solutions for perturbed difference equations. *J. Difference Equ. Appl.* 20 (2014), no. 7, 1055-1068.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, S. Tersian, *Eigenvalue problems for anisotropic discrete boundary value problems*, **J. Difference Equ. Appl.** **15** (2009), pag. 557 – 567
748. Malin, Maria Emden-Fowler problem for discrete operators with variable exponent. *Electron. J. Differential Equations* 2014, No. 55, 13 pp.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, S. Tersian, *Eigenvalue problems for anisotropic discrete boundary value problems*, **J. Difference Equ. Appl.** **15** (2009), pag. 557 – 567
749. Park, Jea-Hyun; Chung, Soon-Yeong Indefinite eigenvalue problems for p -Laplacian operators with potential terms on networks. *Abstr. Appl. Anal.* 2014, Art. ID 539603, 10 pp.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, S. Tersian, *Eigenvalue problems for anisotropic discrete boundary value problems*, **J. Difference Equ. Appl.** **15** (2009), pag. 557 – 567
750. Galewski, Marek; Wieteska, Renata Existence and multiplicity of positive solutions for discrete anisotropic equations. *Turkish J. Math.* 38 (2014), no. 2, 297-310.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, S. Tersian, *Eigenvalue problems for anisotropic discrete boundary value problems*, **J. Difference Equ. Appl.** **15** (2009), pag. 557 – 567
751. Fan, Haining Multiple solutions for a singular elliptic problem involving Hardy terms on unbounded domains. *Differential Integral Equations* 27 (2014), no. 9-10, 821-836.
Citeaza: R. Filippucci, P. Pucci, Vicențiu D. Rădulescu, *Existence and non-existence results for quasilinear elliptic exterior problems with nonlinear boundary conditions*, **Comm. Partial Differential Equations** **33** (2008), pag. 706 – 717
752. Huang, Jincheng; Xiu, Zonghu Existence and multiplicity of weak solutions for a singular quasilinear elliptic equation. *Comput. Math. Appl.* 67 (2014), no. 8, 1450-1460.

- Citeaza:* R. Filippucci, P. Pucci, Vicențiu D. Rădulescu, *Existence and non-existence results for quasilinear elliptic exterior problems with nonlinear boundary conditions*, **Comm. Partial Differential Equations** **33** (2008), pag. 706 – 717
753. Faria, Luiz F. O.; Miyagaki, Olimpio H.; Pereira, Fabio R. Quasilinear elliptic system in exterior domains with dependence on the gradient. *Math. Nachr.* 287 (2014), no. 4, 361-373.
Citeaza: R. Filippucci, P. Pucci, Vicențiu D. Rădulescu, *Existence and non-existence results for quasilinear elliptic exterior problems with nonlinear boundary conditions*, **Comm. Partial Differential Equations** **33** (2008), pag. 706 – 717
754. Xiu, Zonghu; Chen, Caisheng Existence of multiple solutions for singular elliptic problems with nonlinear boundary conditions. *J. Math. Anal. Appl.* 410 (2014), no. 2, 625-641.
Citeaza: R. Filippucci, P. Pucci, Vicențiu D. Rădulescu, *Existence and non-existence results for quasilinear elliptic exterior problems with nonlinear boundary conditions*, **Comm. Partial Differential Equations** **33** (2008), pag. 706 – 717
755. Drabek, Pavel; Sankar, Lakshmi Singular quasilinear elliptic problems on unbounded domains. *Nonlinear Anal.* 109 (2014), 148-155.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Sublinear singular elliptic problems with two parameters*, **J. Differential Equations** **195** (2003), pag. 520 – 536
756. Ben Othman, Sonia; Khamessi, Bilel Asymptotic behavior of positive solutions of a nonlinear Dirichlet problem. *J. Math. Anal. Appl.* 409 (2014), no. 2, 925-933.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Extremal singular solutions for degenerate logistic-type equations in anisotropic media*, **C. R. Math. Acad. Sci. Paris** **339** (2004), pag. 119 – 124
757. Azzollini, A.; d’Avenia, P.; Pomponio, A. Quasilinear elliptic equations in \mathbb{R}^N via variational methods and Orlicz-Sobolev embeddings. *Calc. Var. Partial Differential Equations* 49 (2014), no. 1-2, 197-213.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *Existence and multiplicity of solutions for quasilinear nonhomogeneous problems: an Orlicz-Sobolev space setting*, **J. Math. Anal. Appl.** **330** (2007), pag. 416 – 432
758. Faria, L. F. O.; Miyagaki, O. H.; Motreanu, D.; Tanaka, M. Existence results for nonlinear elliptic equations with Leray-Lions operator and dependence on the gradient. *Nonlinear Anal.* 96 (2014), 154-166.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *Existence and multiplicity of solutions for quasilinear nonhomogeneous problems: an Orlicz-Sobolev space setting*, **J. Math. Anal. Appl.** **330** (2007), pag. 416 – 432
759. Faria, L. F. O.; Miyagaki, O. H.; Motreanu, D.; Tanaka, M. Existence results for nonlinear elliptic equations with Leray-Lions operator and dependence on the gradient. *Nonlinear Anal.* 96 (2014), 154-166.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *On a class of sublinear singular elliptic problems with convection term*, **J. Math. Anal. Appl.** **311** (2005), pag. 635 – 646
760. Liu, Shufang; Xu, Yonglin Boundary blow-up solutions to semilinear elliptic equations with nonlinear gradient terms. *Electron. J. Differential Equations* 2014, No. 09, 20 pp.

- Citeaza:* M. Ghergu, Vicențiu D. Rădulescu, *On a class of sublinear singular elliptic problems with convection term*, **J. Math. Anal. Appl.** **311** (2005), pag. 635 – 646
761. Ben Othman, Sonia; Khamessi, Bilel Asymptotic behavior of positive solutions of a non-linear Dirichlet problem. *J. Math. Anal. Appl.* 409 (2014), no. 2, 925-933.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *On a class of sublinear singular elliptic problems with convection term*, **J. Math. Anal. Appl.** **311** (2005), pag. 635 – 646
762. Faria, Luiz F. O.; Miyagaki, Olimpio H.; Pereira, Fabio R. Quasilinear elliptic system in exterior domains with dependence on the gradient. *Math. Nachr.* 287 (2014), no. 4, 361-373.
Citeaza: F. Cirstea, M. Ghergu, Vicențiu D. Rădulescu, *Combined effects of asymptotically linear and singular nonlinearities in bifurcation problems of Lane-Emden-Fowler type*, **J. Math. Pures Appl.** (9) **84** (2005), pag. 493 – 508
763. Liu, Shufang; Xu, Yonglin Boundary blow-up solutions to semilinear elliptic equations with nonlinear gradient terms. *Electron. J. Differential Equations* 2014, No. 09, 20 pp.
Citeaza: F. Cirstea, M. Ghergu, Vicențiu D. Rădulescu, *Combined effects of asymptotically linear and singular nonlinearities in bifurcation problems of Lane-Emden-Fowler type*, **J. Math. Pures Appl.** (9) **84** (2005), pag. 493 – 508
764. Liu, Shufang; Xu, Yonglin Boundary blow-up solutions to semilinear elliptic equations with nonlinear gradient terms. *Electron. J. Differential Equations* 2014, No. 09, 20 pp.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Boundary blow-up in nonlinear elliptic equations of Bieberbach-Rademacher type*, **Trans. Amer. Math. Soc.** **359** (2007), pag. 3275 – 3286
765. Arriagada, W.; Huentutripay, J. Blow-up rates of large solutions for a ϕ -Laplacian problem with gradient term. *Proc. Roy. Soc. Edinburgh Sect. A* 144 (2014), no. 4, 669-689.
Citeaza: M. Ghergu, C. Niculescu, Vicențiu D. Rădulescu, *Explosive solutions of elliptic equations with absorption and non-linear gradient term*, **Proc. Indian Acad. Sci. Math. Sci.** **112** (2002), pag. 441 – 451
766. Belhaj Rhouma, Nedra; Drissi, Amor Existence of blow-up solutions of semilinear elliptic problems. *Differ. Equ. Dyn. Syst.* 22 (2014), no. 1, 51-72
Citeaza: M. Ghergu, C. Niculescu, Vicențiu D. Rădulescu, *Explosive solutions of elliptic equations with absorption and non-linear gradient term*, **Proc. Indian Acad. Sci. Math. Sci.** **112** (2002), pag. 441 – 451
767. Chen, Wenjing; Dupaigne, Louis; Ghergu, Marius A new critical curve for the Lane-Emden system. *Discrete Contin. Dyn. Syst.* 34 (2014), no. 6, 2469-2479
Citeaza: S. Dumont, L. Dumont, O. Goubet, Vicențiu D. Rădulescu, *Back to the Keller-Osserman condition for boundary blow-up solutions*, **Adv. Nonlinear Stud.** **7** (2007), pag. 271 – 298
768. Rhouma, N. Belhaj; Drissi, A. Existence and asymptotic behavior for solutions to boundary blow-up elliptic problems. *Adv. Nonlinear Stud.* 14 (2014), no. 1, 183-197.
Citeaza: S. Dumont, L. Dumont, O. Goubet, Vicențiu D. Rădulescu, *Back to the Keller-Osserman condition for boundary blow-up solutions*, **Adv. Nonlinear Stud.** **7** (2007), pag. 271 – 298

769. Belhaj Rhouma, Nedra; Drissi, Amor Existence of blow-up solutions of semilinear elliptic problems. *Differ. Equ. Dyn. Syst.* 22 (2014), no. 1, 51-72
Citeaza: S. Dumont, L. Dumont, O. Goubet, Vicențiu D. Rădulescu, *Back to the Keller-Osserman condition for boundary blow-up solutions*, **Adv. Nonlinear Stud.** 7 (2007), pag. 271 – 298
770. Covei, Dragos-Patru Existence and non-existence of solutions for an elliptic system. *Appl. Math. Lett.* 37 (2014), 118-123.
Citeaza: F. Cirstea, Vicențiu D. Rădulescu, *Existence and uniqueness of positive solutions to a semilinear elliptic problem in \mathbf{R}^N* , **J. Math. Anal. Appl.** 229 (1999), pag. 417 – 425
771. Rasouli, Sayyed Hashem A population biological model with a singular nonlinearity. *Appl. Math.* 59 (2014), no. 3, 257-264
Citeaza: F. Cirstea, D. Motreanu, Vicențiu D. Rădulescu, *Weak solutions of quasilinear problems with nonlinear boundary condition*, **Nonlinear Anal.** 43 (2001), pag. 623 – 636
772. Xiu, Zonghu; Chen, Caisheng Existence of multiple solutions for singular elliptic problems with nonlinear boundary conditions. *J. Math. Anal. Appl.* 410 (2014), no. 2, 625-641
Citeaza: F. Cirstea, D. Motreanu, Vicențiu D. Rădulescu, *Weak solutions of quasilinear problems with nonlinear boundary condition*, **Nonlinear Anal.** 43 (2001), pag. 623 – 636
773. Zhang, Zhijun; Li, Bo; Li, Xiaohong The exact boundary behavior of the unique solution to a singular Dirichlet problem with a nonlinear convection term. *Nonlinear Anal.* 108 (2014), 14-28
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Bifurcation and asymptotics for the Lane-Emden-Fowler equation*, **C. R. Math. Acad. Sci. Paris** 337 (2003), pag. 259 – 264
774. Miri, Sofiane El-Hadi Existence of solutions to quasilinear elliptic problems with nonlinearity and absorption-reaction gradient term. *Electron. J. Differential Equations* 2014, No. 32, 12 pp.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Bifurcation and asymptotics for the Lane-Emden-Fowler equation*, **C. R. Math. Acad. Sci. Paris** 337 (2003), pag. 259 – 264
775. Amini-Harandi, Alireza; Laszlo, Szilard Applications of general variational inequalities to coincidence point results. *Publ. Math. Debrecen* 85 (2014), no. 1-2, 47-58
Citeaza: Vicențiu D. Rădulescu, *Qualitative analysis of nonlinear elliptic partial differential equations: monotonicity, analytic, and variational methods*. Contemporary Mathematics and Its Applications, 6. Hindawi Publishing Corporation, New York, 2008
776. Belhaj Rhouma, N.; Drissi, A.; Sayeb, W. Nonradial large solutions for a class of nonlinear problems. *Complex Var. Elliptic Equ.* 59 (2014), no. 5, 706-722.
Citeaza: Vicențiu D. Rădulescu, *Qualitative analysis of nonlinear elliptic partial differential equations: monotonicity, analytic, and variational methods*. Contemporary Mathematics and Its Applications, 6. Hindawi Publishing Corporation, New York, 2008

777. Bachar, Imed; Maagli, Habib Existence and global asymptotic behavior of positive solutions for nonlinear problems on the half-line. *J. Math. Anal. Appl.* 416 (2014), no. 1, 181-194.
Citeaza: Vicențiu D. Rădulescu, *Qualitative analysis of nonlinear elliptic partial differential equations: monotonicity, analytic, and variational methods.* Contemporary Mathematics and Its Applications, 6. Hindawi Publishing Corporation, New York, 2008
778. Belhaj Rhouma, Nedra; Drissi, Amor Existence of blow-up solutions of semilinear elliptic problems. *Differ. Equ. Dyn. Syst.* 22 (2014), no. 1, 51-72.
Citeaza: Vicențiu D. Rădulescu, *Qualitative analysis of nonlinear elliptic partial differential equations: monotonicity, analytic, and variational methods.* Contemporary Mathematics and Its Applications, 6. Hindawi Publishing Corporation, New York, 2008
779. Maagli, Habib; Chemmam, Rym; Ben Othman, Sonia Asymptotic behavior of positive solutions of a nonlinear combined p -Laplacian equation. *Mediterr. J. Math.* 11 (2014), no. 3, 857-872.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Ground state solutions for the singular Lane-Emden-Fowler equation with sublinear convection term*, **J. Math. Anal. Appl.** **333** (2007), pag. 265 – 273
780. Miri, Sofiane El-Hadi Existence of solutions to quasilinear elliptic problems with nonlinearity and absorption-reaction gradient term. *Electron. J. Differential Equations* 2014, No. 32, 12 pp.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Ground state solutions for the singular Lane-Emden-Fowler equation with sublinear convection term*, **J. Math. Anal. Appl.** **333** (2007), pag. 265 – 273
781. Tang, Guo-ji; Wang, Zhong-bao; Zhang, Hong-ling On a class of variational-hemivariational inequalities involving upper semicontinuous set-valued mappings. *Abstr. Appl. Anal.* 2014, Art. ID 896941, 8 pp.
Citeaza: P. Panagiotopoulos, M. Fundo, Vicențiu D. Rădulescu, *Existence theorems of Hartman-Stampacchia type for hemivariational inequalities and applications*, **J. Global Optim.** **15** (1999), pag. 41 – 54
782. Nnang, Hubert Deterministic homogenization of nonlinear degenerate elliptic operators with nonstandard growth. *Acta Math. Sin. (Engl. Ser.)* 30 (2014), no. 9, 1621-1654.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *Neumann problems associated to nonhomogeneous differential operators in Orlicz-Sobolev spaces*, **Ann. Inst. Fourier (Grenoble)** **58** (2008), pag. 2087 – 2111
783. Chung, Nguyen Thanh Multiple solutions for a nonlocal problem in Orlicz-Sobolev spaces. *Ric. Mat.* 63 (2014), no. 1, 169182.
Citeaza: M. Mihailescu, Vicențiu D. Rădulescu, *Neumann problems associated to nonhomogeneous differential operators in Orlicz-Sobolev spaces*, **Ann. Inst. Fourier (Grenoble)** **58** (2008), pag. 2087 – 2111
784. Faria, Luiz F. O.; Miyagaki, Olimpio H.; Pereira, Fabio R. Quasilinear elliptic system in exterior domains with dependence on the gradient. *Math. Nachr.* 287 (2014), no. 4, 361-373.

- Citeaza:* M. Mihailescu, Vicențiu D. Rădulescu, *Neumann problems associated to nonhomogeneous differential operators in Orlicz-Sobolev spaces*, **Ann. Inst. Fourier (Grenoble)** **58** (2008), pag. 2087 – 2111
785. Wang, Wei; Gong, Hanzhao; Zheng, Sining Asymptotic estimates of boundary blow-up solutions to the infinity Laplace equations. *J. Differential Equations* 256 (2014), no. 11, 3721-3742.
Citeaza: Vicențiu D. Rădulescu, *Singular phenomena in nonlinear elliptic problems: from blow-up boundary solutions to equations with singular nonlinearities*. (English summary) *Handbook of differential equations: stationary partial differential equations*. Vol. IV, 485-593, *Handb. Differ. Equ.*, Elsevier/North-Holland, Amsterdam, 2007.
786. Abdellaoui, B.; Attar, A.; Miri, S. E. Nonlinear singular elliptic problem with gradient term and general datum. *J. Math. Anal. Appl.* 409 (2014), no. 1, 362-377.
Citeaza: Vicențiu D. Rădulescu, *Singular phenomena in nonlinear elliptic problems: from blow-up boundary solutions to equations with singular nonlinearities*. (English summary) *Handbook of differential equations: stationary partial differential equations*. Vol. IV, 485-593, *Handb. Differ. Equ.*, Elsevier/North-Holland, Amsterdam, 2007.
787. Chen, Caisheng; Shao, Lifang Existence and multiplicity results for singular quasilinear elliptic equation on unbounded domain. *Math. Methods Appl. Sci.* 37 (2014), no. 5, 768-779.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Singular elliptic problems with lack of compactness*, **Ann. Mat. Pura Appl. (4)** **185** (2006), pag. 63 – 79
788. Li, Lin; Chen, Shang-Jie Existence and multiplicity of solutions for a class of p -Laplacian equations. *Appl. Math. Lett.* 27 (2014), 59-63.
Citeaza: E. Montefusco, Vicențiu D. Rădulescu, *Nonlinear eigenvalue problems for quasilinear operators on unbounded domains*, **NoDEA Nonlinear Differential Equations Appl.** **8** (2001), pag. 481 – 497
789. Maagli, Habib; Chemmam, Rym; Ben Othman, Sonia Asymptotic behavior of positive solutions of a nonlinear combined p -Laplacian equation. *Mediterr. J. Math.* 11 (2014), no. 3, 857-872.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Nonlinear PDEs. Mathematical models in biology, chemistry and population genetics*. With a foreword by Viorel Barbu. Springer Monographs in Mathematics. Springer, Heidelberg, 2012.
790. Bachar, Imed; Maagli, Habib Existence and global asymptotic behavior of positive solutions for nonlinear problems on the half-line. *J. Math. Anal. Appl.* 416 (2014), no. 1, 181-194.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Nonlinear PDEs. Mathematical models in biology, chemistry and population genetics*. With a foreword by Viorel Barbu. Springer Monographs in Mathematics. Springer, Heidelberg, 2012.
791. Alsaedi, Ramzi; Maagli, Habib; Zeddini, Noureddine Estimates on potential functions and boundary behavior of positive solutions for sublinear Dirichlet problems. *Electron. J. Differential Equations* 2014, No. 08, 10 pp.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Nonlinear PDEs. Mathematical models in*

- biology, chemistry and population genetics. With a foreword by Viorel Barbu. Springer Monographs in Mathematics. Springer, Heidelberg, 2012.
792. Ben Othman, Sonia; Khamessi, Bilel Asymptotic behavior of positive solutions of a non-linear Dirichlet problem. *J. Math. Anal. Appl.* 409 (2014), no. 2, 925-933.
Citeaza: M. Ghergu, Vicențiu D. Rădulescu, *Nonlinear PDEs. Mathematical models in biology, chemistry and population genetics. With a foreword by Viorel Barbu.* Springer Monographs in Mathematics. Springer, Heidelberg, 2012.
793. Vélín, Jean Multiple solutions for a class of (p, q) -gradient elliptic systems via a fibering method. *Proc. Roy. Soc. Edinburgh Sect. A* 144 (2014), no. 2, 363-393.
Citeaza: G. Bonanno, G. Molica Bisci, Vicențiu D. Rădulescu, *Qualitative analysis of gradient-type systems with oscillatory nonlinearities on the Sierpinski gasket*, **Chin. Ann. Math. Ser. B** 34 (2013), pag. 381 – 398
794. Zhang, Yong; Xu, Qiang; Zhao, Peihao The $(n - 1)$ -radial symmetric positive classical solution for elliptic equations with gradient. *Electron. J. Differential Equations* 2013, No. 204, 9 pp.
Citeaza: G. Molica Bisci, Vicențiu D. Rădulescu, *Multiple symmetric solutions for a Neumann problem with lack of compactness*, **C. R. Math. Acad. Sci. Paris** 351 (2013), pag. 37 – 42
795. An, Yu-Cheng; Suo, Hong-Min Multiplicity of solutions for Neumann problems for semi-linear elliptic equations. *Abstr. Appl. Anal.* 2014, Art. ID 360581, 11 pp.
Citeaza: N. Papageorgiou, Vicențiu D. Rădulescu, *Semilinear Neumann problems with indefinite and unbounded potential and crossing nonlinearity*, **Contemp. Math.**, 595 Amer. Math. Soc., Providence, RI, 2013, pag. 293 – 315
796. Pucci, Patrizia; Zhang, Qihu Existence of entire solutions for a class of variable exponent elliptic equations. *J. Differential Equations* 257 (2014), no. 5, 1529-1566.
Citeaza: P. Pucci, Vicențiu D. Rădulescu, *Combined effects in quasilinear elliptic problems with lack of compactness*, **Atti Accad. Naz. Lincei Cl. Sci. Fis. Mat. Natur. Rend. Lincei (9) Mat. Appl.** 22 (2011), pag. 189 – 205
797. Golenia, Sylvain, Hardy inequality and asymptotic eigenvalue distribution for discrete Laplacians, **JOURNAL OF FUNCTIONAL ANALYSIS** 266(5) (2014), 2662–2688
Citează: Golenia, Sylvain; Moroianu, Sergiu, *Spectral analysis of magnetic Laplacians on conformally cusp manifolds*, **Annales Henri Poincare** 9(1) (2008), 131–179.
798. Hunsicker, Eugenie; Roidos, Nikolaos; Strohmaier, Alexander, Scattering theory of the p -form Laplacian on manifolds with generalized cusps, **Journal of Spectral Theory** 4(1) (2014), 177–209
Citează: Golenia, Sylvain; Moroianu, Sergiu, *Spectral analysis of magnetic Laplacians on conformally cusp manifolds*, **Annales Henri Poincare** 9(1) (2008), 131–179.
799. Hunsicker, Eugenie; Roidos, Nikolaos; Strohmaier, Alexander, Scattering theory of the p -form Laplacian on manifolds with generalized cusps, **Journal of Spectral Theory** 4(1) (2014), 177–209
Citează: Golenia, Sylvain; Moroianu, Sergiu, *The spectrum of Schrödinger operators and*

- Hodge laplacians on conformally cusp manifolds*, By: Golenia, Sylvain; Moroianu, Sergiu **Transactions of the American Mathematical Society** **364(1)** (2012), 1–29.
800. Moroianu, Andrei; Semmelmann, Uwe, Generalized Killing spinors on spheres, **Annals of Global analysis and Geometry** **46(2)** (2014), 129–143
Citează: Ammann, Bernd; Moroianu, Andrei; Moroianu, Sergiu, *The Cauchy Problems for Einstein Metrics and Parallel Spinors*, **Communications in Mathematical Physics** **320(1)** (2013), 173–198.
801. Hermann, Andreas, Zero sets of eigenspinors for generic metrics, **Communications in Analysis and Geometry** **22(2)** (2014), 177–218
Citează: Ammann, Bernd; Moroianu, Andrei; Moroianu, Sergiu, *The Cauchy Problems for Einstein Metrics and Parallel Spinors*, **Communications in Mathematical Physics** **320(1)** (2013), 173–198.
802. Moroianu, Andrei; Semmelmann, Uwe, Generalized Killing spinors on Einstein manifolds, **International Journal of Mathematics** **25(4)** (2014), Article Number: 1450033
Citează: Ammann, Bernd; Moroianu, Andrei; Moroianu, Sergiu, *The Cauchy Problems for Einstein Metrics and Parallel Spinors*, **Communications in mathematical physics** **320(1)** (2013), 173–198.
803. Barbot, Thierry; Bonsante, Francesco; Schlenker, Jean-Marc, Collisions of Particles in Locally AdS Spacetimes II Moduli of Globally Hyperbolic Spaces, **Communications in mathematical physics** **327(3)** (2014), 691–735
Citează: Moroianu, Sergiu; Schlenker, Jean-Marc, *Quasi-fuchsian manifolds with particles*, **Journal of differential geometry** **83(1)** (2009), 75–129.
804. M. Alpuente, S. Escobar, J. Espert, J. Meseguer: *A modular order-sorted equational generalization algorithm*, **Information and Computation** **235** (2014), pag. 98–136
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
805. J. Meseguer: *Taming distributed system complexity through formal patterns*, **Science of Computer Programming** **83** (2014), pag. 3–34
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
806. A. Riesco, J. Rodriguez-Hortala: *Singular and plural functions for functional logic programming*, **Theory and Practice of Logic Programming** **14(01)** (2014), pag. 65–116
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
807. I. Țuțu: *Parameterisation for abstract structured specifications*, **Theoretical Computer Science** **517** (2014) pag. 102–142
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).

808. D. Sannella, A. Tarlecki: *Property-oriented semantics of structured specifications*, **Mathematical Structures in Computer Science** **24(02)** (2014) e240205.
Citează: R. Diaconescu, J. Goguen, P. Stefanescu: *Logical support for modularization*, în **Logical Environments**, editori G. Huet și G. Plotkin, (1993) Cambridge Univ. Press, pag. 83–130.
809. D. Pokrywczynski, G. Malcolm: *Towards a functional approach to modular ontologies using institutions*, **Studia Logica** **102(1)** (2014) pag. 117–143
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
810. D. Sannella, A. Tarlecki: *Property-oriented semantics of structured specifications*, **Mathematical Structures in Computer Science** **24(02)** (2014) e240205.
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
811. I. Țuțu: *Parameterisation for abstract structured specifications*, **Theoretical Computer Science** **517** (2014) pag. 102–142
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
812. D. Pokrywczynski, G. Malcolm: *Towards a functional approach to modular ontologies using institutions*, **Studia Logica** **102(1)** (2014) pag. 117–143
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures** **10(4)**, (2002) pag. 383–402.
813. S. Solovyov: *On fuzzification of topological categories*, **Fuzzy Sets and Systems** **238** (2014) pag. 1–25
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures** **10(4)**, (2002) pag. 383–402.
814. D. Pokrywczynski, G. Malcolm: *Towards a functional approach to modular ontologies using institutions*, **Studia Logica** **102(1)** (2014) pag. 117–143
Citează: R. Diaconescu: *An institution-independent proof of Craig interpolation theorem*, **Studia Logica** **77(1)**, (2004) pag. 59–79.
815. I. Țuțu: *Parameterisation for abstract structured specifications*, **Theoretical Computer Science** **517** (2014) pag. 102–142
Citează: R. Diaconescu, *Elementary diagrams in institutions*, **Journal of Logic and Computation** **14(5)**, (2004) pag. 651–674.
816. S. Babenyshev, M.A. Martins: *Deduction-detachment theorem in hidden k-logics*, **Journal of Logic and Computation** **24(1)** (2014) pag. 233–255
Citează: T. Mossakowski, R. Diaconescu, A. Tarlecki: *What is a Logic Translation?*, **Logica Universalis** **3(1)**, (2009) pag. 59–94.
817. J. Rasga, A. Sernadas, C. Sernadas: *Fibring as biporting subsumes asymmetric combinations*, **Studia Logica** **102(5)** (2014) pag. 1041–1074
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
818. D. Pokrywczynski, G. Malcolm: *Towards a functional approach to modular ontologies using institutions*, **Studia Logica** **102(1)** (2014) pag. 117–143

- Citează:* R. Diaconescu: *Interpolation in Grothendieck institutions*, **Theoretical Computer Science** **311**, (2004) pag. 439–461.
819. S. Babenyshev, M.A. Martins: *Deduction-detachment theorem in hidden k -logics*, **Journal of Logic and Computation** **24(1)** (2014) pag. 233–255
Citează: R. Diaconescu: *Quasi-Boolean encodings and conditionals in algebraic specification*, **Journal of Logic and Algebraic Programming** **79(2)** (2010), pag. 174–188.
820. I. Țuțu: *Parameterisation for abstract structured specifications*, **Theoretical Computer Science** **517** (2014) pag. 102–142
Citează: R. Diaconescu: *An axiomatic approach to structuring specifications*, **Theoretical Computer Science** **433** (2012) pag.20–42.
821. I. Țuțu: *Parameterisation for abstract structured specifications*, **Theoretical Computer Science** **517** (2014) pag. 102–142
Citează: **Universal Computer Science** **6(1)**, (2000) pag. 74–96. R. Diaconescu, J. Goguen: *An Oxford survey of order sorted algebra*, **Mathematical Structures in Computer Science** **4(4)** (1994) pag. 363–392
822. I. Ouranos, K. Ogata, P. Stefaneas: *TESLA Source Authentication Protocol Verification Experiment in the Timed OTS/CafeOBJ Method: Experiences and Lessons Learned*, **IEICE TRANSACTIONS on Information and Systems** **97(5)** (2014), pag. 1160–1170
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
823. B. Zielinski, P. Maslanka, S. Sobieski: *Modalities for an Allegorical Conceptual Data Model*, **Axioms** **3(2)** (2014) pag. 260–279
Citează: R. Diaconescu, P. Stefaneas: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.
824. C. Gîrlea, G. Roșu: *Abstract Semantics for K Module Composition*, **Electronic Notes in Theoretical Computer Science** **304** (2014) pag. 127–149
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
825. C. Gîrlea, G. Roșu: *Abstract Semantics for K Module Composition*, **Electronic Notes in Theoretical Computer Science** **304** (2014) pag. 127–149
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.
826. L.S. Barbosa, M.A. Martins, M. Carreteiro: *A Hilbert-Style Axiomatisation for Equational Hybrid Logic*, **Journal of Logic, Language and Information** **23(1)**, (2014) pag. 31–52
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
827. T. Mossakowski, W. Pawłowski, D. Sannella, A. Tarlecki: *Parchments for CafeOBJ Logics, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 66–91

- Citează:* R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
828. M. Alpuente, S. Escobar, J. Espert, J. Meseguer: *ACUOS: A System for Modular ACU Generalization with Subtyping and Inheritance*, **Logics in Artificial Intelligence, LNCS 8761** (2014), pag. 573–581
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
829. L. Belzner, R. De Nicola, A. Vandin, M. Wirsing: *Reasoning (on) Service Component Ensembles in Rewriting Logic*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 188–211
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
830. K. Ogata, K. Futatsugi: *Theorem Proving Based on Proof Scores for Rewrite Theory Specifications of OTSs*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 630–656
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
831. G. Roşu, D. Lucanu: *Behavioral Rewrite Systems and Behavioral Productivity*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 296–314
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
832. M. Zhang, K. Ogata, K. Futatsugi: *Verifying the Design of Dynamic Software Updating in the OTS/CafeOBJ Method*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 560–577
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
833. D. Găină, D. Lucanu, K. Ogata, K. Futatsugi: *On Automation of OTS/CafeOBJ Method*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 578–602
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
834. Y. Zhao, J. Dong, Y. Liu, J. Sun: *Towards a Combination of CafeOBJ and PAT*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 151–170
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).

835. S. Nakajima: *Everlasting Challenges with the OBJ Language Family*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 478–493.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
836. A. Haxthausen: *An Institution for Imperative RSL Specifications*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 441–464
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
837. P. Stefaneas, I. Ouranos, N. Triantafyllou, K. Ksystra: *Some Engineering Applications of the OTS/CafeOBJ Method*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 541–559
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
838. K. Barlas, E. Berki, I. Adomnița, T. Nalam, G. Nejad, J. Veijalainen: *Formal Specification of Open Standards and the Case of RSS v2.0*, **Proceedings of the 18th Panhellenic Conference on Informatics (PCI '14)**, (2014), pag. 1–6
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
839. I. Ouranos, P. Stefaneas: *Towards a Protocol Algebra Based on Algebraic Specifications*, **Software Engineering Research, Management and Applications, Studies in Computational Intelligence 496** (2014), pag. 85–98
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
840. K. Ksystra, P. Stefaneas, P. Frangos: *An Algebraic Framework for Modeling of Reactive Rule-Based Intelligent Agents*, **SOFSEM 2014: Theory and Practice of Computer Science LNCS 8327** (2014), pag. 407–418
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
841. K. Wagatsuma, S. Anze, Y. Goto, J. Cheng: *Formalization for Formal Analysis of Cryptographic Protocols with Reasoning Approach*, **Future Information Technology LNEE 309** (2014), pag. 211–218.
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
842. K. Ksystra, N. Triantafyllou, P. Stefaneas: *On Verifying Reactive Rules Using Rewriting Logic*, **Rules on the Web: From Theory to Applications**, Springer (2014), pag.

Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).

843. I. Ouranos, P. Stefaneas: *Towards a Protocol Algebra Based on Algebraic Specifications, Software Engineering Research, Management and Applications, Studies in Computational Intelligence* **496** (2014), pag. 85–98
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.
844. I. Țuțu: *Parameterisation for abstract structured specifications*, **Theoretical Computer Science** **517** (2014) pag. 102–142
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.
845. G. Roșu, D. Lucanu: *Behavioral Rewrite Systems and Behavioral Productivity*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 296–314
Citează: J. Goguen, R. Diaconescu: *Towards an algebraic semantics for the object paradigm*, **Lecture Notes in Computer Science 785**, (1994) pag. 1–34.
846. I. Ouranos, P. Stefaneas: *Towards a Protocol Algebra Based on Algebraic Specifications, Software Engineering Research, Management and Applications, Studies in Computational Intelligence* **496** (2014), pag. 85–98
Citează: J. Goguen, R. Diaconescu: *Towards an algebraic semantics for the object paradigm*, **Lecture Notes in Computer Science 785**, (1994) pag. 1–34.
847. T. Mossakowski, W. Pawłowski, D. Sannella, A. Tarlecki: *Parchments for CafeOBJ Logics*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 66–91
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
848. T. Mossakowski, A. Tarlecki: *A Relatively Complete Calculus for Structured Heterogeneous Specifications*, **Foundations of Software Science and Computation Structures LNCS 8412** (2014) pag. 441–456
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
849. R. Neves, A. Madeira, M. Martins, L. Barbosa: *An Institution for Alloy and Its Translation to Second-Order Logic*, **In Integration of Reusable Systems**, Springer International Publishing (2014) pag. 45–75
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
850. A. Achouri, Y. Bendaly Hlaoui, L. Jemni Ben Ayed: *Towards an Institutional Representation for the B Model Oriented Specification*, **IEEE 38th International Computer Software and Applications Conference Workshops (COMPSACW)** (2014) pag. 728–733
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).

851. A. Achouri, Y. Bendaly Hlaoui, L. Jemni Ben Ayed: *Institution Theory for Services Oriented Applications*, **IEEE 38th International Computer Software and Applications Conference Workshops (COMPSACW)** (2014) pag. 516–521
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
852. K. Ogata, K. Futatsugi: *Theorem Proving Based on Proof Scores for Rewrite Theory Specifications of OTSs*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 630–656
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science 6(1)**, (2000) pag. 74–96.
853. K. Barlas, E. Berki, I. Adomnița, T. Nalam, G. Nejad, J. Veijalainen: *Formal Specification of Open Standards and the Case of RSS v2.0*, **Proceedings of the 18th Panhellenic Conference on Informatics (PCI '14)**, (2014), pag. 1–6
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science 6(1)**, (2000) pag. 74–96.
854. I. Ouranos, P. Stefaneas: *Towards a Protocol Algebra Based on Algebraic Specifications*, **Software Engineering Research, Management and Applications, Studies in Computational Intelligence 496** (2014), pag. 85–98
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science 6(1)**, (2000) pag. 74–96.
855. T. Mossakowski, W. Pawlowski, D. Sannella, A. Tarlecki: *Parchments for CafeOBJ Logics*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 66–91
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science 285**, (2002) pag. 289–318.
856. T. Mossakowski, A. Tarlecki: *A Relatively Complete Calculus for Structured Heterogeneous Specifications*, **Foundations of Software Science and Computation Structures LNCS 8412** (2014) pag. 441–456
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science 285**, (2002) pag. 289–318.
857. C. G. L. Pombo, N. Aguirre, T.S. Maibaum: *A Heterogeneous Characterisation of Component-Based System Design in a Categorical Setting*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 314–332
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science 285**, (2002) pag. 289–318.
858. D. Găină, D. Lucanu, K. Ogata, K. Futatsugi: *On Automation of OTS/CafeOBJ Method*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 578–602
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science 285**, (2002) pag. 289–318.
859. T. Mossakowski, W. Pawlowski, D. Sannella, A. Tarlecki: *Parchments for CafeOBJ Logics*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 66–91
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures 10(4)**, (2002) pag. 383–402.

860. T. Mossakowski, A. Tarlecki: *A Relatively Complete Calculus for Structured Heterogeneous Specifications*, **Foundations of Software Science and Computation Structures LNCS 8412** (2014) pag. 441–456
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures 10(4)**, (2002) pag. 383–402.
861. T. Mossakowski, W. Pawlowski, D. Sannella, A. Tarlecki: *Parchments for CafeOBJ Logics*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 66–91
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.
862. L. Belzner, R. De Nicola, A. Vandin, M. Wirsing: *Reasoning (on) Service Component Ensembles in Rewriting Logic*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 188–211
Citează: R. Diaconescu, K. Futatsugi, K. Ogata, *CafeOBJ: Logical foundations and methodologies*, **Computing and Informatics 22** (2003), pag. 257–283.
863. Y. Zhao, J. Dong, Y. Liu. J. Sun: *Towards a Combination of CafeOBJ and PAT*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 151–170
Citează: R. Diaconescu, K. Futatsugi, K. Ogata, *CafeOBJ: Logical foundations and methodologies*, **Computing and Informatics 22** (2003), pag. 257–283.
864. A. Haxthausen: *An Institution for Imperative RSL Specifications*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 441–464
Citează: R. Diaconescu, K. Futatsugi, K. Ogata, *CafeOBJ: Logical foundations and methodologies*, **Computing and Informatics 22** (2003), pag. 257–283.
865. K. Ksystra, P. Stefaneas, P. Frangos: *An Algebraic Framework for Modeling of Reactive Rule-Based Intelligent Agents*, **SOFSEM 2014: Theory and Practice of Computer Science LNCS 8327** (2014), pag. 407–418
Citează: R. Diaconescu, K. Futatsugi, K. Ogata, *CafeOBJ: Logical foundations and methodologies*, **Computing and Informatics 22** (2003), pag. 257–283.
866. K. Ksystra, N. Triantafyllou, P. Stefaneas: *On Verifying Reactive Rules Using Rewriting Logic*, **Rules on the Web: From Theory to Applications**, Springer (2014), pag. 67–71
Citează: R. Diaconescu, K. Futatsugi, K. Ogata, *CafeOBJ: Logical foundations and methodologies*, **Computing and Informatics 22** (2003), pag. 257–283.
867. Y. Zhao, J. Dong, Y. Liu. J. Sun: *Towards a Combination of CafeOBJ and PAT*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 151–170
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)
868. P. Stefaneas, I. Ouranos, N. Triantafyllou, K. Ksystra: *Some Engineering Applications of the OTS/CafeOBJ Method*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 541–559
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)

869. C. Ghezzi, A. Mocci, M. Sangiorgio: *Synthesis of Infinite-State Abstractions and Their Use for Software Validation, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 276–295
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.
870. K. Barlas, E. Berki, I. Adomnița, T. Nalam, G. Nejad, J. Veijalainen: *Formal Specification of Open Standards and the Case of RSS v2.0*, **Proceedings of the 18th Panhellenic Conference on Informatics (PCI '14)**, (2014), pag. 1–6
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.
871. R. Neves, A. Madeira, M. Martins, L. Barbosa: *An Institution for Alloy and Its Translation to Second-Order Logic*, **In Integration of Reusable Systems**, Springer International Publishing (2014) pag. 45–75
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science 6859** (2011), pag. 283–297.
872. T. Mossakowski, A. Tarlecki: *A Relatively Complete Calculus for Structured Heterogeneous Specifications*, **Foundations of Software Science and Computation Structures LNCS 8412** (2014) pag. 441–456
Citează: R. Diaconescu: *Interpolation in Grothendieck institutions*, **Theoretical Computer Science 311**, (2004) pag. 439–461.
873. J. Liu, J.-P. Jouannaud: *Confluence: The Unifying, Expressive Power of Locality*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 337–358
Citează: R. Diaconescu, K. Futatsugi, M. Ishisone, A. Nakagawa, T. Sawada: *An overview of CafeOBJ*, **Electronic Notes in Theoretical Computer Science 15** (1998).
874. A. Achouri, Y. Bendaly Hlaoui, L. Jemni Ben Ayed: *Institution Theory for Services Oriented Applications*, **IEEE 38th International Computer Software and Applications Conference Workshops (COMPSACW)** (2014) pag. 516–521
Citează: R. Diaconescu, I. Țuțu: *On the Algebra of Structured Specifications*, **Theoretical Computer Science 412(28)** (2011), pag. 3145–3174.
875. I. Ouranos, P. Stefaneas: *Towards a Protocol Algebra Based on Algebraic Specifications*, **Software Engineering Research, Management and Applications, Studies in Computational Intelligence 496** (2014), pag. 85–98
Citează: R. Diaconescu: *Behavioural specification for hierarchical object composition*, **Theoretical Computer Science 343(3)** (2005) pag. 305–331.
876. P. Stefaneas, I. Ouranos, N. Triantafyllou, K. Ksystra: *Some Engineering Applications of the OTS/CafeOBJ Method*, **Specification, Algebra, and Software, LNCS 8373** (2014), pag. 541–559

- Citează:* R. Diaconescu: *Behavioural specification for hierarchical object composition*, **Theoretical Computer Science** **343(3)** (2005) pag. 305–331.
877. T. Mossakowski, W. Pawlowski, D. Sannella, A. Tarlecki: *Parchments for CafeOBJ Logics, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 66–91
Citează: R. Diaconescu: *Grothendieck inclusion systems*, **Applied Categorical Structures** **19(5)** (2011), pag. 783–802.
878. T. Mossakowski, W. Pawlowski, D. Sannella, A. Tarlecki: *Parchments for CafeOBJ Logics, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 66–91
Citează: R. Diaconescu: *A methodological guide to CafeOBJ logic*, **Logics of Specification Languages**, editori: Dines Björner, Martin Henson, Springer (2008), pag. 153–240
 ISBN: 978-3-540-74106-0.
879. IlWoo Cho, p-adic banach space operators and adelic Banach space operators , **Opuscula Math.** **34**, no. **1**, **University of Science and Technology Press, Krakow** (2014), pag. 29 – 65
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.
880. IlWoo Cho, P. Jorgensen, Krein-space representations of arithmetic functions determined by primes, **Algebras and Representation Theory**, **Springer** (2014),
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.
881. Sven Raum, On the classification of free Bogoljubov crossed product von Neumann algebras by the integers, **Groups, Geometry and Dynamics /European Mathematical Society Publishing House** (2014),
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.
882. IlWoo Cho, P. Jorgensen, Actions of arithmetic functions on matrices and corresponding representations, **Ann. Funct. Anal.** **5**, **EMIS** (2014), pag. 90– 117
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.
883. IlWoo Cho, Free Distributional Data of Arithmetic Functions and Corresponding Generating Functions Determined by Gaps Between Primes, **Complex Analysis and Operator Theory, Volume 8, Issue 2**, **Springer** (2014),
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.
884. Marius B. Stefan , Infinite multiplicity of abelian subalgebras in free group subfactors, **Journal of Operator Theory, Volume 71, Issue 1**, **Theta Foundation** (2014), pag 3–13

- 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.
885. IlWoo Cho, Palle Jorgensen, An Application of Free Probability to Arithmetic Functions, **Complex Analysis and Operator Theory, Springer** (2014),
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.
886. IlWoo Cho, T. Gillespie, Free Probability on Hecke Algebras, **Complex Analysis and Operator Theory, Springer** (2014),
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.
887. IlWoo Cho, Index Semigroup and Indexing on von Neumann Algebras, **Complex Analysis and Operator Theory, vol 8, issue 3 Springer** (2014), pp 683-707
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.
888. Cyril Houdayer, A class of factors with an exotic abelian maximal amenable subalgebra, **Trans. Amer. Math. Soc.** **366** (2014), pp 3693-3707
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.
889. Cyril Houdayer, A class of factors with an exotic abelian maximal amenable subalgebra, **Trans. Amer. Math. Soc.** **366** (2014), pp 3693-3707
Citeaza: Florin Rădulescu, *Singularity of the radial subalgebra of $L(F_N)$ and the Puknszky invariant.*, **Pacific J. Math.** **151** , no. **2** (1991), pag. 297–306.
890. Norio Nawata, A note on trace scaling actions and fundamental groups of C-algebras, **Proc. Amer. Math. Soc.** **142** AMS (2014), 3903-3908
Citeaza: Florin R uadulescu, *The Fundamental Group of the Von Neumann Algebra of a Free Group with Infinitely Many Generators is $\mathbb{R}_+ \setminus \{0\}$* , **Journal of the American Mathematical Society, vol 5, nr 2** (1992), pag. 517 – 532
891. V Jones, S Morrison, N Snyder, The classification of subfactors of index at most 5, **Bull. Amer. Math. Soc.** **51** AMS (2014), 277-327
Citeaza: Florin R uadulescu, *An invariant for subfactors in the von Neumann algebra of a free group, Free probability theory, Fields Inst. Commun., vol. 12, Amer. Math. Soc., Providence, RI* (1997), pag. pp. 213–239 -
892. M. Tibăr, Beyond Mumford’s theorem on normal surfaces, **Bull. Math. Soc. Sci. Math. Roumanie** **57** (2014), pag. 217–223
Citeaza: M. Colțoiu, C. Joița, M.Tibăr *q-Convexity Properties of the Coverings of a Link Singularity*, **Publ. Res. Inst. Math. Sci.** **48** (2012), pag. .409–417

893. Natalia Gaşitoi: The Levi problem for Riemann domains over the blow-up of \mathbb{C}^{n+1} at the origin, **Osaka Journal of Mathematics** **51** (2014), pag.657–665
Citeaza: M. Colţoiu, C. Joiţa, *The Levi problem in the blow-up*, **Osaka J. Math.** **47** (2010), pag. 943–947
894. Natalia Gaşitoi: The Levi problem for Riemann domains over the blow-up of \mathbb{C}^{n+1} at the origin, **Osaka Journal of Mathematics** **51** (2014), pag.657–665
Citeaza: M. Colţoiu, C. Joiţa, *The disk property of coverings of 1-convex surfaces*, **Proc. Amer. Math. Soc.** **140** (2012), pag. 575–580.
895. Natalia Gaşitoi: The Levi problem for Riemann domains over the blow-up of \mathbb{C}^{n+1} at the origin, **Osaka Journal of Mathematics** **51** (2014), pag.657–665
Citeaza: M. Colţoiu, C. Joiţa, *Convexity properties of coverings of 1-convex surfaces*, **Mathematische Zeitschrift** **275** (2013), pag.781 – 792.
896. R. Callejas-Bedregal, M. F. Z. Morgado, J. Seade, Lê cycles and Milnor classes, **Invent. Math.** **197** (2014), pag. 453 – 482
Citeaza: S. Cappell, L. Maxim, J. Schürmann, J. Shaneson, *Characteristic classes of complex hypersurfaces*, **Adv. Math.** **225** (2010), pag. 2616 – 2647.
897. P. Horn, On computing the first higher-order Alexander modules of knots, **Exp. Math.** **23** (2014), pag. 153 – 169
Citeaza: C. Leidy, L. Maxim, *Obstructions on fundamental groups of plane curve complements*, **Contemp. Math.**, **459** (2008), pag. 117 – 130.
898. Nguyen Tat Thang, Admissibility of local systems for some classes of line arrangements, **Canad. Math. Bull.** **57** (2014), pag. 658 – 672
Citeaza: A. Dimca, L. Maxim, *Multivariable Alexander invariants of hypersurface complements*, **Trans. Amer. Math. Soc.** **359** (2007), pag. 3505 – 3528.
899. J. Fullwood, On Milnor classes via invariants of singular subschemes, **J. Singul.** **8** (2014), pag. 1–10
Citeaza: L. Maxim, *On Milnor classes of complex hypersurfaces*, **Math. Sci. Res. Inst. Publ.**, **58** (2011), pag. 161 – 175.
900. J. Fullwood, On Milnor classes via invariants of singular subschemes, **J. Singul.** **8** (2014), pag. 1–10
Citeaza: L. Maxim, M. Saito, J. Schürmann, *Hirzebruch-Milnor classes of complete intersections*, **Adv. Math.** **241** (2013), pag. 220 – 245.
901. C.W. Davis, Linear independence of knots arising from iterated infection without the use of Tristram-Levine signature, **Int. Math. Res. Not.** **2014** (2014), pag. 1973 – 2005
Citeaza: S. Friedl, C. Leidy, L. Maxim, *L^2 -Betti numbers of plane algebraic curves*, **Michigan Math. J.** **58** (2009), pag. 411 – 421.

2.1 Autocitari

1. C. Cobeli, A. Zaharescu, On the geometry behind a recurrent relation, **arXiv** (2014), pag. 1 – 9

- Citeaza:* C. Cobeli, M. Vâjâitu, A. Zaharescu, *A density theorem on even Farey fractions*, **Rev. Roumanie Math. Pures Appl.** **55**, no. 6 (2010), pag. 447 – 481
2. C. Cobeli, A. Zaharescu, On the geometry behind a recurrent relation, **arXiv** (2014), pag. 1 – 9
Citeaza: C. Cobeli, M. Vâjâitu, A. Zaharescu, *On the intervals of a third between Farey fractions*, **Bull. Math. Soc. Sci. Math. Roumanie** **53(101)**, no. 3 (2010), pag. 239 – 250
 3. C. Cobeli, A. Zaharescu, On the geometry behind a recurrent relation, **arXiv** (2014), pag. 1 – 9
Citeaza: C. Cobeli, M. Vâjâitu, A. Zaharescu, *The distribution of rationals in residue classes*, **Math. Reports** **14(64)**, no. 1 (2012), pag. 1 – 19
 4. M. Colţoiu, C. Joiţa, On the separation of the cohomology of universal covering of 1-convex surfaces, **Advances in Mathematics** **265** (2014), pag. 362–370.
Citeaza: M. Colţoiu, *Coverings of 1-convex manifolds with 1-dimensional exceptional set*, **Comment. Math. Helv.** **68** (1993), pag. 469–479.
 5. M. Colţoiu, C. Joiţa, On the separation of the cohomology of universal coverings of 1-convex surfaces, **Advances in Mathematics** **265** (2014), pag. 362–370.
Citeaza: M. Colţoiu, *On the separation of cohomology groups of increasing unions of (1-1) convex-concave manifolds*, **J. Math. Kyoto Univ.** **45** (2005), pag. 405–409.
 6. M. Colţoiu, C. Joiţa, On the separation of the cohomology of universal coverings of 1-convex surfaces, **Advances in Mathematics** **265** (2014), pag. 362–370.
Citeaza: M. Colţoiu, K. Diederich, *A remark on non-Hausdorff cohomology group of analytic complements*, **Math. Ann.** **323** (2002), pag. 485–489.
 7. M. Colţoiu, C. Joiţa, On the separation of the cohomology of universal coverings of 1-convex surfaces, **Advances in Mathematics** **265** (2014), pag. 362–370.
Citeaza: M. Colţoiu, C. Joiţa, *The disk property of coverings of 1-convex surfaces*, **Proc. Amer. Math. Soc.** **140** (2012), pag. 575–580.
 8. M. Colţoiu, C. Joiţa, On the separation of the cohomology of universal coverings of 1-convex surfaces, **Advances in Mathematics** **265** (2014), pag. 362–370.
Citeaza: M. Colţoiu, C. Joiţa, *Convexity properties of coverings of 1-convex surfaces*, **Mathematische Zeitschrift** **275** (2013), pag. 781 – 792.
 9. L. Maxim, L^2 -Betti numbers of hypersurface complements, **Int. Math. Res. Not. Vol.** **2014** (2014), pag. 4665 – 4678
Citeaza: S. Friedl, C. Leidy, L. Maxim, *L^2 -Betti numbers of plane algebraic curves*, **Michigan Math. J.** **58** (2009), pag. 411 – 421.
 10. L. Maxim, L^2 -Betti numbers of hypersurface complements, **Int. Math. Res. Not. Vol.** **2014** (2014), pag. 4665 – 4678
Citeaza: A. Dimca, L. Maxim, *Multivariable Alexander invariants of hypersurface complements*, **Trans. Amer. Math. Soc.** **359** (2007), pag. 3505 – 3528.

11. L. Maxim, L^2 -Betti numbers of hypersurface complements, **Int. Math. Res. Not. Vol. 2014** (2014), pag. 4665 – 4678
Citeaza: C. Leidy, L. Maxim, *Obstructions on fundamental groups of plane curve complements*, **Contemp. Math.**, **459** (2008), pag. 117 – 130.
12. L. Maxim, L^2 -Betti numbers of hypersurface complements, **Int. Math. Res. Not. Vol. 2014** (2014), pag. 4665 – 4678
Citeaza: C. Leidy, L. Maxim, *Higher-order Alexander invariants of plane curve complements*, **Int. Math. Res. Not. Vol. 2006** (2006), pag. 1 – 23.
13. L. Maxim, L^2 -Betti numbers of hypersurface complements, **Int. Math. Res. Not. Vol. 2014** (2014), pag. 4665 – 4678
Citeaza: L. Maxim, *Intersection homology and Alexander modules of hypersurface complements*, **Comm. Math. Helv.** **81** (2006), pag. 123 – 155.
14. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65
Citează: R. Diaconescu: *Coinduction for preordered algebras*, **Information and Computation** **209(2)**, (2011), pag. 108–117.
15. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65
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.
16. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65
Citează: R. Diaconescu: *Grothendieck inclusion systems*, **Applied Categorical Structures** **19(5)** (2011), pag. 783–802.
17. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: *Quasi-Boolean encodings and conditionals in algebraic specification*, **Journal of Logic and Algebraic Programming** **79(2)** (2010), pag. 174–188.
18. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: *An axiomatic approach to structuring specifications*, **Theoretical Computer Science** **433** (2012) pag.20–42.
19. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: *Three decades of institution theory*, în **Universal Logic: An Anthology**, editor J.-Y. Béziau, Springer (2012), pag. 309–322.
20. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu, M. Petria: *Saturated Models in Institutions*, **Archive for Mathematical Logic** **49(6)** (2010), pag. 693–723.

21. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: *Borrowing interpolation*, **Journal of Logic and Computation** **22(3)** (2012) pag.561–586.
22. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: R. Diaconescu, P. Stefaneas: *Ultraproducts and possible worlds semantics in institutions*, **Theoretical Computer Science** **379(1)** (2007) pag. 210–230.
23. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: R. Diaconescu: *Behavioural specification for hierarchical object composition*, **Theoretical Computer Science** **343(3)** (2005) pag. 305–331.
24. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: R. Diaconescu, I. Țuțu: *On the Algebra of Structured Specifications*, **Theoretical Computer Science** **412(28)** (2011), pag. 3145–3174.
25. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: *Interpolation in Grothendieck institutions*, **Theoretical Computer Science** **311**, (2004) pag. 439–461.
26. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: M. Petria, R. Diaconescu: *Abstract Beth definability in institutions*, **Journal of Symbolic Logic** **71(3)**, (2006), pag. 1002–1028.
27. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: R. Diaconescu: *Interpolation in Grothendieck institutions*, **Theoretical Computer Science** **311**, (2004) pag. 439–461.
28. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
29. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: M. Martins, A. Madeira, R. Diaconescu, L. Barbosa: *Hybridization of Institutions*, **Lecture Notes in Computer Science** **6859** (2011), pag. 283–297.
30. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu, *Institution-independent ultraproducts*, **Fundamenta Informaticæ** **55(3-4)**, (2003) pag. 321–348.

31. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65
Citează: R. Diaconescu, *Extra theory morphisms for institutions: logical semantics for multi-paradigm languages*, **Applied Categorical Structures** 6(4), (1998) pag. 427–453.
32. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65
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.
33. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: *An institution-independent proof of Craig interpolation theorem*, **Studia Logica** 77(1)), (2004) pag. 59–79.
34. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: **Category-based semantics for equational and constraint logic programming**, Teză doctorat, Univ. Oxford, (1994).
35. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures** 10(4), (2002) pag. 383–402.
36. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65
Citează: R. Diaconescu, *Grothendieck institutions*, **Applied Categorical Structures** 10(4), (2002) pag. 383–402.
37. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** 83(3–4) (2014), pag. 319–338
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** 285, (2002) pag. 289–318.
38. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65
Citează: R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** 285, (2002) pag. 289–318.
39. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science** 6(1), (2000) pag. 74–96.
40. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, LNCS 8373 (2014), pag. 53–65

- Citează:* R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science** **6(1)**, (2000) pag. 74–96.
41. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
 42. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
 43. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: J. Goguen, R. Diaconescu: *Towards an algebraic semantics for the object paradigm*, **Lecture Notes in Computer Science** **785**, (1994) pag. 1–34.
 44. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: J. Goguen, R. Diaconescu: *Towards an algebraic semantics for the object paradigm*, **Lecture Notes in Computer Science** **785**, (1994) pag. 1–34.
 45. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
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.
 46. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
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.
 47. R. Diaconescu: *From Universal Logic to Computer Science, and Back*, **Theoretical Aspects of Computing ICTAC 2014 LNCS 8687** (2014), pag. 1–16
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
 48. R. Diaconescu: *CafeOBJ Traces, Specification, Algebra, and Software*, **LNCS 8373** (2014), pag. 53–65
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
 49. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu: *Coinduction for preordered algebras*, **Information and Computation** **209(2)**, (2011), pag. 108–117.

50. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu: *Three decades of institution theory*, în **Universal Logic: An Anthology**, editor J.-Y. Béziau, Springer (2012), pag. 309–322.
51. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu: *On quasi-varieties of multiple valued logic models*, **Mathematical Logic Quarterly** **57(2)** (2011), pag. 194–203.
52. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu: *Interpolation in Grothendieck institutions*, **Theoretical Computer Science** **311**, (2004) pag. 439–461.
53. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu: *An axiomatic approach to structuring specifications*, **Theoretical Computer Science** **433** (2012) pag.20–42.
54. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu: *Three decades of institution theory*, în **Universal Logic: An Anthology**, editor J.-Y. Béziau, Springer (2012), pag. 309–322.
55. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu: *Structural Induction in Institutions*, **Information and Computation** **209(9)** (2011), pag. 1197–1222.
56. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu: *Institutional semantics for many-valued logics*, **Fuzzy Sets and Systems** **218** (2013), pag. 32 – 52.
57. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
58. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu: **Institution-independent Model Theory**, Birkhäuser (2008).
59. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu, K. Futatsugi: *Behavioural coherence in object-oriented algebraic specification*, **Universal Computer Science** **6(1)**, (2000) pag. 74–96.
60. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338

- Citează:* R. Diaconescu, K. Futatsugi: *Logical foundations of CafeOBJ*, **Theoretical Computer Science** **285**, (2002) pag. 289–318.
61. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu: *Grothendieck institutions*, **Applied Categorical Structures** **10(4)**, (2002) pag. 383–402.
62. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
Citează: R. Diaconescu, *Institution-independent ultraproducts*, **Fundamenta Informaticæ** **55(3-4)**, (2003) pag. 321–348.
63. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu, *Elementary diagrams in institutions*, **Journal of Logic and Computation** **14(5)**, (2004) pag. 651–674.
64. R. Diaconescu: *Graded consequence: an institution theoretic study*, **Soft Computing** **18(7)** (2014), pag. 1247 – 1267
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.
65. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu, I. Țuțu: *On the Algebra of Structured Specifications*, **Theoretical Computer Science** **412(28)** (2011), pag. 3145–3174.
66. I. Țuțu: *Parameterisation for abstract structured specifications*, **Theoretical Computer Science** **517** (2014) pag. 102–142
Citează: R. Diaconescu, I. Țuțu: *On the Algebra of Structured Specifications*, **Theoretical Computer Science** **412(28)** (2011), pag. 3145–3174.
67. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: R. Diaconescu, K. Futatsugi: **CafeOBJ report: The Language, Proof Techniques, and Methodologies for Object-Oriented Algebraic Specification**, World Scientific (1998).
68. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
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.
69. R. Diaconescu, I. Țuțu: *Foundations for structuring behavioural specifications*, **Journal of Logical and Algebraic Methods in Programming** **83(3–4)** (2014), pag. 319–338
Citează: J. Goguen, R. Diaconescu: *Towards an algebraic semantics for the object paradigm*, **Lecture Notes in Computer Science** **785**, (1994) pag. 1–34.

70. S. Dăscălescu, C. Năstăsescu, L. Năstăsescu, Frobenius algebras of corepresentations and group-graded vector spaces, **J. Algebra** **406** (2014), pag. 226 – 250
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, x+401 pp. ISBN: 0-8247-0481-9
71. Cornean, Horia D.; Jensen, Arne; Nenciu, Gheorghe, Memory Effects in Non-Interacting Mesoscopic Transport, **ANNALES HENRI POINCARÉ Volume: 15** (2014), pag. 1919-1943
Citeaza: A. Jensen, G. Nenciu , *A unified approach to resolvent expansions at thresholds*, **REVIEWS IN MATHEMATICAL PHYSICS**, **13** (2001) , 717-754.
72. Cornean, Horia D.; Jensen, Arne; Nenciu, Gheorghe, Memory Effects in Non-Interacting Mesoscopic Transport, **ANNALES HENRI POINCARÉ Volume: 15** (2014), pag. 1919-1943
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.
73. Cornean, Horia D.; Jensen, Arne; Nenciu, Gheorghe, Memory Effects in Non-Interacting Mesoscopic Transport, **ANNALES HENRI POINCARÉ Volume: 15** (2014), pag. 1919-1943
Citeaza: G. Nenciu, *Existence of the spontaneous pair creation in the external field approximation of Q.E.D.*, **Comm. Math. Phys.** **109** (1987), 303–312.
74. Cornean, Horia D.; Jensen, Arne; Nenciu, Gheorghe, Memory Effects in Non-Interacting Mesoscopic Transport, **ANNALES HENRI POINCARÉ Volume: 15** (2014), pag. 1919-1943
Citeaza: G. Nenciu, *ON THE ADIABATIC LIMIT FOR DIRAC PARTICLES IN EXTERNAL FIELDS*, **COMMUNICATIONS IN MATHEMATICAL PHYSICS Volume: 76** (1980), pag. 117-128.
75. Ballard, Deliu, Favero, Katzarkov, Isik, On the Derived Categories of Degree d Hypersurface Fibrations, arXiv preprint arXiv: , 2014
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, *Homological projective duality via variation of geometric invariant theory quotients*
76. Ballard, Deliu, Favero, Katzarkov, Isik, On the Derived Categories of Degree d Hypersurface Fibrations, arXiv preprint arXiv: , 2014
Citeaza: Matthew Ballard, Dragos Deliu, David Favero, M Umut Isik, Ludmil Katzarkov, *Resolutions in factorization categories*
77. Mak, Kit-Ho; Zaharescu, Alexandru, Lehmer points and visible points on affine varieties over finite fields, **Math. Proc. Cambridge Philos. Soc.** **156** (2014), pag. 193 – 207
Citeaza: Alkan, Emre; Stan, Florin; Zaharescu, Alexandru, *Lehmer k-tuples*, **Proc. Amer. Math. Soc.** **134**, no.10 (2006), pag. 2807 – 2815
78. Malik, Amita; Stan, Florin; Zaharescu, Alexandru, The Siegel norm, the length function and character values of finite groups, **Indag. Math. (N.S.)** **25**, no. 3 (2014), pag. 475 – 486

- Citeaza*: Stan, Florin; Zaharescu, Alexandru, *Siegel's trace problem and character values of finite groups*, **J. Reine Angew. Math.** **637** (2009), pag. 217 – 234
79. Malik, Amita; Stan, Florin; Zaharescu, Alexandru, The Siegel norm, the length function and character values of finite groups, **Indag. Math. (N.S.)** **25 no. 3** (2014), pag. 475 – 486
Citeaza: Stan, Florin; Zaharescu, Alexandru, *The Siegel norm of algebraic numbers*, **Bull. Math. Soc. Sci. Math. Roumanie (N.S.)** **55(103) no. 1** (2012), pag. 69 – 77
80. X. Meng, A. Zaharescu, A multivariable Mayer-Erdős phenomenon, **Journal of the Korean Mathematical Society** **51** (2014), pag. 1029–1044.
Citeaza: F. P. Boca, C. Cobeli, A. Zaharescu, *A conjecture of R. R. Hall on Farey points*, **Journal für die Reine und Angewandte Mathematik** **535** (2001), pag. 207–236.
81. X. Meng, A. Zaharescu, A multivariable Mayer-Erdős phenomenon, **Journal of the Korean Mathematical Society** **51** (2014), pag. 1029–1044.
Citeaza: F. P. Boca, A. Zaharescu, *Farey fractions and two-dimensional tori*, in Proceedings of the *Workshop on Noncommutative Geometry and Number Theory* (C. Consani, M. Marcolli eds.), **Aspects of Mathematics E37**, Vieweg Verlag, Wiesbaden, 2006, pag. 57–77.
82. Kit-Ho Mak, Alexandru Zaharescu, Lehmer points and visible points on affine varieties over finite fields, **Math. Proc. Cambridge Philos. Soc.** **156 no. 2** (2014), pag. 193–207
Citează: C. Cobeli, A. Zaharescu, *Generalization of a problem of Lehmer*, **Manuscr. Math.** **104 (3)** (2001), pag. 301–307.
83. Kit-Ho Mak, Alexandru Zaharescu, On the distribution of the number of points on a family of curves over finite fields, **J. Number Theory** **140** (2014), pag. 277–298
Citează: C. Cobeli, A. Zaharescu, *Generalization of a problem of Lehmer*, **Manuscr. Math.** **104 (3)** (2001), pag. 301–307.
84. Anca Capatina, Claudia Timofte, Boundary optimal control for quasistatic bilateral frictional contact problems, **Nonlinear Analysis; Theory, Methods & Applications** **94**, (2014), pag. 84-99.
Citeaza: A. Capatina, R. Stavre, *Optimal control of a non isothermal Navier-Stokes flow*, **International Journal of Engineering Science** **34** (1996), pag. 59-66
85. Anca Capatina, Claudia Timofte, Boundary optimal control for quasistatic bilateral frictional contact problems, **Nonlinear Analysis; Theory, Methods & Applications** **94**, (2014), pag. 84-99.
Citeaza: A. Capatina, *Optimal control of a Signorini contact Problem*, **Numerical Functional Analysis and Optimization** **21** (2000), pag. 817-828
86. Anca Capatina, Variational Inequalities and Frictional Contact Problems, Springer (2014), pag. 235, ISBN: 978-3-319-10162-0
Citeaza: A. Capatina, M. Cocou, M. Raous, *A class of implicit variational inequalities and applications to frictional contact*, **Mathematical Methods in Applied Science** **14** (2009), pag. 1804 - 1827

87. Anca Capatina, Variational Inequalities and Frictional Contact Problems, Springer (2014), pag. 235, ISBN: 978-3-319-10162-0
Citeaza: A. Radoslovescu Capatina, M. Cocu, *Internal approximation of quasi-variational inequalities*, **Numerische Mathematik** **59** (1991), pag. 385-398
88. Ş. Papadima, L. Păunescu, Rank two jump loci for solvmanifolds and Lie algebras, **arXiv:1411.0447** (2014),
Citează: Daniela Anca Măcinic, Ştefan Papadima, Clement Radu Popescu, Alexander I. Suciuciu, *Flat connections and resonance varieties: from rank one to higher ranks*, **arXiv:1312.1439** (2013)
89. A. Dimca, Ş. Papadima, A. Suciuciu, Algebraic models, Alexander-type invariants, and Green-Lazarsfeld sets, **arXiv:1407.8027** (2014),
Citează: Daniela Anca Măcinic, Ştefan Papadima, Clement Radu Popescu, Alexander I. Suciuciu, *Flat connections and resonance varieties: from rank one to higher ranks*, **arXiv:1312.1439** (2013)
90. Ş. Papadima, A. Suciuciu, The Milnor fibration of a hyperplane arrangement: from modular resonance to algebraic monodromy, **arXiv:1401.0868** (2014),
Citează: Daniela Anca Măcinic, Ştefan Papadima, Clement Radu Popescu, Alexander I. Suciuciu, *Flat connections and resonance varieties: from rank one to higher ranks*, **arXiv:1312.1439** (2013)
91. A. Gaba, S. Iordache, R. Gaba, M. Vladulescu, Waste gas recovery through combustion in an originally designed plant, **Environmental Engineering and Management Journal**, **Vol.13 No.8** (2014), pag. 1901 – 1908
Citeaza: A. Gaba, R. Gaba, *Mathematical model and computation program of the chamber furnace of boilers for air pollution reduction*, **Environmental Engineering and Management Journal**, **Vol.11 No.3** (2012), pag. 557 – 565.
92. T. Albu, *The Osofsky-Smith Theorem for modular lattices, and applications (II)*, **Comm. Algebra** **42** (2014), pp. 2663 – 2683.
Citeaza: **10 autocitari**
93. T. Albu, “*Topics in Lattice Theory with Applications to Rings, Modules, and Categories*”, **Lecture Notes, XXIII Brazilian Algebra Meeting**, Maringá, Paraná, Brazil, 2014, 80 pagini.
Citeaza: **26 autocitari**
94. T. Albu, M. Iosif, *The socle and the Jacobson radical of modular lattices*, **Ann. Univ. Buchar. Math. Ser. 5 (LXIII)** (2014), pp. 187 – 194.
Citeaza: **4 autocitari**
95. T. Albu, M. Iosif, A. Tercan, *The conditions (C_i) in modular lattices, and applications*, **Preprint IMAR Nr. 5/2014**, 19 pagini.
Citeaza: **4 autocitari**
96. E.Mihailescu and M. Urbanski, Measure-theoretic degrees and topological pressure for non-expanding transformations, **Journal of Functional Analysis**, **vol. 267**, 2823-2845

- Citeaza:* E. Mihailescu, *Unstable manifolds and Hlder structures associated with noninvertible maps*, **Discrete Contin. Dynam. Syst.** **14** (3) (2006) 419446.
97. E.Mihailescu and M. Urbanski, Measure-theoretic degrees and topological pressure for non-expanding transformations, **Journal of Functional Analysis**, vol. **267**, 2823-2845
Citeaza: E. Mihailescu, *Physical measures for multivalued inverse iterates near hyperbolic repellers*, **J.Statistical Physics** **139** (2010) 800819.
98. E.Mihailescu and M. Urbanski, Measure-theoretic degrees and topological pressure for non-expanding transformations, **Journal of Functional Analysis**, vol. **267**, 2823-2845
Citeaza: E. Mihailescu, *Unstable directions and fractal dimension for a class of skew products with overlaps in fibers*, **Mathematische Zeitschrift** **269** (2011) 733750.
99. E.Mihailescu and M. Urbanski, Measure-theoretic degrees and topological pressure for non-expanding transformations, **Journal of Functional Analysis**, vol. **267**, 2823-2845
Citeaza: E. Mihailescu, B. Stratmann, *Upper estimates for stable dimensions on fractal sets with variable numbers of foldings*, **International Math. Research Notices**, online 2013, <http://dx.doi.org/10.1093/imrn/rnt168>.
100. E.Mihailescu and M. Urbanski, Measure-theoretic degrees and topological pressure for non-expanding transformations, **Journal of Functional Analysis**, vol. **267**, 2823-2845
Citeaza: E. Mihailescu, M. Urbanski, *Estimates for the stable dimension for holomorphic maps*, **Houston J. Math.** **31** (2) (2005) 367389.
101. E.Mihailescu and M. Urbanski, Measure-theoretic degrees and topological pressure for non-expanding transformations, **Journal of Functional Analysis**, vol. **267**, 2823-2845
Citeaza: E. Mihailescu, M. Urbanski, *Transversal families of hyperbolic skew-products*, **Discrete Contin. Dynam. Systems** **21** (2008) 907928.
102. C Cobeli, A Zaharescu , On the geometry behind a recurrent relation - arXiv preprint arXiv:1411.1321, 2014 - arxiv.org
Citeaza: Boca F, Gologan Radu, Zaharescu A *The statistics of the trajectory of a certain billiard in a flat two-torus*, **Communications in mathematical physics** **240** (1-2), **53-73** (2003), pag. 52– 73