

## E03/10.1:

### Цитати на научни публикации

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Година:** 2016 ÷ 2016
- **Тип записи:** Всички записи

Брой цитирани публикации: 535

Брой цитиращи източници: 1266

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### 1974

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1. **Дренски, В.С.** О тождествах в алгебрах Ли. Докл. БАН, 27, 1974, 595-598. ISI IF:0.132

Цитира се в:

1. A. Lopatin, Identities for the Lie algebra  $gl(2)$  over an infinite field of characteristic two, arXiv:1612.07748v1 [math.RA]., @2016

---

### 1976

---

2. **Yanev, N. M.** Conditions for degeneracy of  $\varphi$ -branching processes with random  $\varphi$ . Theory of Probability and its Applications, 20, SIAM, 1976, 421-428. ISI IF:0.52

Цитира се в:

2. S. Ma, M. Molina & Y. Xing. A class of two-sex branching processes with reproduction phase in a random environment. Stochastics, An International Journal of Probability and Stochastic Processes, Volume 88, 2016 - Issue 1, @2016
3. F. Thomas Bruss. The Theorem of Envelopment and Directives of Control in Resource Dependent Branching Processes. Chapter in Branching Processes and Their Applications, Volume 219 of the series Lecture Notes in Statistics pp 119-136 Date: 07 September 2016, @2016
4. M. González, C. Minuesa, , I. del Puerto. Maximum likelihood estimation and expectation–maximization algorithm for controlled branching processes. Computational Statistics & Data Analysis, Volume 93, January 2016, Pages 209–227, @2016
5. Arpita Inamdar and Mohan Kale. Joint Estimation of Offspring Mean and Offspring Variance of Controlled Branching Process. Sankhya A, August 2016, Volume 78, Issue 2, pp 248–268, @2016

---

### 1979

---

3. **Markov, S.** Calculus for interval functions of a real variable. Computing, 22, 4, Springer, 1979, ISSN:ISSN: 0010-485X (print version) ISSN: 1436-5057 (electronic version), DOI:10.1007/BF02265313, 325-337. ISI IF:0.593

Цитира се в:

6. Tao, J., Zhang, Z., Properties of interval-valued function space under the  $gH$ -difference and their

- application to semi-linear interval differential equations *Advances in Difference Equations*, 2016 (1), art. no. 45, pp. 1 – 28, @2016
7. Chalco-Cano, Y., Rodríguez-López, R., Jiménez-Gamero, M.D., Characterizations of generalized differentiable fuzzy functions, *Fuzzy Sets and Systems* 295, 37- 56, 2016., @2016
  8. Gosh, D., A Newton method for capturing efficient solutions of interval optimization problems, *OPSEARCH*, 53 ( 3 ), pp. 648 - 665, 2016., @2016
  9. Shen, Y, The Cauchy type problem for interval-valued fractional differential equations with the Riemann-Liouville gH-fractional derivative, *Advances in Difference Equations*, 2016 (1), art. no. 102, @2016

---

## 1980

---

4. **R.~K.~Kovacheva**. Generalized Pad\`e approximants and meromorphic continuation of functions. *Math. USSR-Sb.*, 37, 3, 1980, ISSN:0025-5734, DOI:doi.org/10.1070/SM1980v037n03ABEH001956}, 337-353. ISI IF:0.353

Цитира се в:

10. АПРОКСИМАЦИИ С РАЦИОНАЛНИ ФУНКЦИИ В КОМПЛЕКСНАТА РАВНИНА”  
Николай Руменов Икономов АВТОРЕФЕРАТ ..., @2016
11. N. Ikononov, , “Generalized Pade approximants for plane condenser”, *Mathematica Slovaca*, - Springer, accepted 2015, ISSN 0133-9918 (print), 1137-2211(online ), @2016

---

## 1981

---

5. **Kyurkchiev, N., S. Tashev**. A method for simultaneous determination of all roots of algebraic polynomials, (in Russian). *C. R. Acad. Bulg. Sci.*, 34, 8, 1981, 1053-1055

Цитира се в:

12. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “ доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016
  6. **Drenski, V. S.**. Identities in matrix Lie algebras. *Trudy Seminara Imeni I.G.Petrovskogo*, 6, Moscow State Univ., 1981, 47-55
- Цитира се в:
13. A. Lopatin, Identities for the Lie algebra  $gl(2)$  over an infinite field of characteristic two, arXiv:1612.07748v1 [math.RA]., @2016
7. **Drenski, V. S.**. Representations of the symmetric group and varieties of linear algebras. *Matem. Sb.*, 115, 1981, 98-115. ISI IF:0.034

Цитира се в:

14. A. Regev, Growth for the central polynomials, *Comm. Algebra* 44 (2016), No. 10, 4411-4421., @2016

8. **Drenski, V. S.** A minimal basis for the identities of a second-order matrix algebra over a field of characteristic 0. Algebra i Logika, 20, Institute of Mathematics, Novosibirsk, 1981, 282-290

Цитира се в:

15. D. D. P. da Silva e Silva, T. C. de Mello, Graded identities of block-triangular matrices, arXiv: 1504.04238v1 [math.RA], J. Algebra 464 (2016), 246-265., @2016

---

## 1982

---

9. **Kyurkchiev, N.** On some iteration schemes of Dochev's type with increased rate of convergence, (in Russian). Ann. Univ. Sofia, Fac. Math. Mec., 76, 1, 1982, 3-10

Цитира се в:

16. P. Proinov, A general semilocal convergence theorems for simultaneous methods for polynomial zeros and its applications to the Ehrlich's and Dochev-Byrnev's methods, Appl. Math. and Computation, 284, 2016, 102-114; IF = 1.551; <http://www.sciencedirect.com/science/article/pii/S0096300316301746>, @2016

---

## 1983

---

10. **Kyurkchiev, N., S. Markov.** Two interval methods for algebraic equations with real roots. PLISKA Studia mathematica bulgarica, 5, 1983, 118-131

Цитира се в:

17. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен "доктор", Пловдивски Университет "Паисий Хилендарски", Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016

18. P. Proinov, General convergence theorems for iterative processes and applications to the Weierstrass root-finding method, J. Complexity, 33, 2016, 118-144; IF = 1.5; <http://www.sciencedirect.com/science/article/pii/S0885064X15001041>, @2016

11. Tashev, S., **N. Kyurkchiev.** Certain modifications of Newton's method for the approximate solution of algebraic equations, (in Russian). SERDICA Bulgaricae mathematicae publicationes, 9, 1983, 67-72

Цитира се в:

19. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен "доктор", Пловдивски Университет "Паисий Хилендарски", Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016

---

## 1984

---

12. **Ivanov, K. G.** Approximation by Bernstein polynomials in  $L_p$  metric. Constructive Function Theory' 84, Publ. House of the Bulg. Acad. Sci., 1984, 421-429

Цитира се в:

20. Hussein A.H. Al-Juboori and Yasemeen M. Abd-Alhasan, Approximation of 1-periodic an integrable function by the Finit Fourier Transform Via Vallee Poussin operator interms of Averaged Modulus of Smoothness, International Journal of Advanced Scientific and Technical Research, 1 , 6, 2016, 573-580. ISSN 2249-9954, @2016
21. Hussein A.H. Al-Juboori and Yasemeen M. Abd-Alhasan, ERROR ESTIMATE OF THE FINITE FOURIER TRANSFORM BY THE AVERAGED MODULUS OF SMOOTHNESS, International Journal of Mathematical Archive, 7, 2, 2016, 36-40. ISSN 2229 – 5046, @2016
13. Drensky, V.. Codimensions of T-ideals and Hilbert series of relatively free algebras. J. Algebra, 91, Elsevier, 1984, 1-17. ISI IF:0.389

Цитира се в:

22. G. Deryabina, A. Krasilnikov, Products of commutators in a Lie nilpotent associative algebra, arXiv: 1509.08890v1 [math.RA]. J. Algebra 469 (2017), 84-95., @2016

---

**1985**

---

14. Kyurkchiev, N., A. Andreev. A modification of the Weierstrass Dochev method with rate of convergence  $R+2$  for simultaneous determination of the zeros of a polynomial, (in Russian). C. R. Acad. Bulg. Sci., 38, 11, 1985, 1461-1463

Цитира се в:

23. P. Proinov, M. Vasileva, On a family of Weierstrass-type root-finding methods with accelerated convergence, Appl. Math. and Computation, 2016, vol. 273, 957-968; IF = 1.551; DOI: 10.1016/j.amc.2015.10.048  
<http://www.sciencedirect.com/science/article/pii/S0096300315013995>, @2016
24. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “ доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016
15. Drensky, V.. T-ideals containing all matrix polynomial identities. Commun. Algebra, 13, Taylor & Francis, 1985, 2037-2072. ISI IF:0.406

Цитира се в:

25. D. Burde, Derivation double Lie algebras, J. Algebra Appl. 15 (2016), No. 6, 1650114, 17 pp. DOI: 10.1142/S0219498816501140, @2016
16. G.M. Tomanov. Generalized group identities in linear groups. Math. USSR Sbornik, 51, 1985, 33-46. ISI IF:0.526

Цитира се в:

26. Mai Hoang Bien, Subnormal subgroups in division rings with generalized power central group identities, Arch. Math. 106 (2016), 315-321., @2016
17. Жидков Е.П., И.Д. Илиев, К.П. Кирчев. Устойчивость решения вида уединенной волны для нелинейного модифицированного комплексного уравнения Кортевега--де Фриза. Сиб. мат. ж., 26,

Цитира се в:

27. Li-Yuan Ma, Shou-Feng Shen and Zuo-Nong Zhu, Integrable nonlocal complex mKdV equation: soliton solution and gauge equivalence, Preprint arXiv:1612.06723v1 [nlin.SI] 20 Dec 2016, 17 pp., @2016

---

1986

---

18. **Kiryakova, V., Dimovski, I.** Generalized Poisson transmutations and corresponding representations of hyper-Bessel functions. C.R. Acad. Bulg. Sci. (Dokladi BAN), 39, 10, Academic Publ. House (BAS), 1986, ISSN:1310-1331, 29-32. ISI IF:0.09

Цитира се в:

28. Bouzeffour, F., Fractional integration operator on some radial rays and intertwining for the Dunkl operator // Fractional Calculus and Applied Analysis, 19, No 3, pp. 725-740, @2016

---

1987

---

19. **Drenski, V. S.** Экстремальные многообразия алгебр. I. Serdica, 13, IMI-BAS, 1987, 320-332

Цитира се в:

29. O. M. Di Vincenzo, E. Spinelli, Minimal varieties of associative PI (super)-algebras with respect to their (graded) exponent, S\~ao Paulo J. Math. Sci. 10 (2016), No. 2, 248-262, DOI 10.1007/s40863-015-0030-4., @2016
20. Kidron D, SE Black, **P Stanchev**, B Buck, JP Szalai, J Parker, C Szekely, MJ Bronskill. Quantitative MR volumetry in Alzheimer's disease Topographic markers and the effects of sex and education. Neurology. 49, 6, 1987, 1504-1512

Цитира се в:

30. Colangeli, S., Boccia, M., Verde, P., Guariglia, P., Bianchini, F. and Piccardi, L., 2016. Cognitive Reserve in Healthy Aging and Alzheimer's Disease A Meta-Analysis of fMRI Studies. American Journal of Alzheimer's Disease and Other Dementias, p.1533317516653826., @2016
31. Boller, B., Mellah, S., Ducharme-Laliberté, G. and Belleville, S., 2016. Relationships between years of education, regional grey matter volumes, and working memory-related brain activity in healthy older adults. Brain Imaging and Behavior, pp.1-14., @2016
21. **Kjurkchiev, N., A. Andreev.** Ehrlich's method with a raised speed of convergence. SERDICA Bulgaricae mathematicae publicationes, 13, 1987, 52-57

Цитира се в:

32. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен "доктор", Пловдивски Университет "Паисий Хилендарски", Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016

22. **Georgi Ganchev**, Vesselka Mihova. Canonical connection and the canonical conformal group on an almost complex manifold with B-metric. Ann. L'Univ. Sofia, Math., 81, 1987, 195-206

*Цитира се в:*

33. Antonella Nannicini, Generalized geometry of Norden manifolds, Journal of Geometry and Physics, 2016, vol. 99, 244–255. doi:10.1016/j.geomphys.2015.10.011, @2016

23. **Drensky, V.** Polynomial identities for the Jordan algebra of a symmetric bilinear form. J. Algebra, 108, Elsevier, 1987, 66-87. ISI IF:0.442

*Цитира се в:*

34. Diogo Diniz, Manuela da Silva Souza, Specht property for the 2-graded identities of  $B_m$ , arXiv:1601.03351v1 [math.RA]. Comm. Algebra 45 (2017), No. 4, 1618-1626., @2016

---

## 1988

---

24. **Drenski, V. S.** Экстремальные многообразия алгебр. II. Serdica, 14, IMI-BAS, 1988, 20-27

*Цитира се в:*

35. O. M. Di Vincenzo, E. Spinelli, Minimal varieties of associative PI (super)-algebras with respect to their (graded) exponent, São Paulo J. Math. Sci. 10 (2016), No. 2, 248-262. DOI 10.1007/s40863-015-0030-4., @2016

---

## 1989

---

25. **Kiryakova, V.** Convolutions of Erdelyi-Kober fractional integrals. Complex Analysis and Applications, Varna '1987 (Conference Proc.), Publ. House of Bulg. Acad. Sci., 1989, 273-283

*Цитира се в:*

36. Caballero, J., Darwish, M.A., Sadarangani, K., A perturbed quadratic equation involving Erdélyi-Kober fractional integral \\ Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matemáticas, 110, No 2, pp. 541-555, @2016

26. **Drensky, V.**, Lakatos, P.. Monomial ideals, group algebras and error correcting codes. "Applied Algebra, Algebraic Algorithms and Error-Correcting Codes" (Ed.:T. Mora), Lecture Notes in Computer Sci., 357, Springer, 1989, 181-188. ISI IF:0.273

*Цитира се в:*

37. M. Guerreiro, Group algebras and coding theory, São Paulo Journal of Mathematical Sciences, 10 (2016), No. 2, 346-371., @2016

27. **Kovacheva, Ralitzka K.** On the behavior of Chebyshev approximants with a fixed number of poles. Matematika Balkanica, 3, 3/4, Publ. House BAS, 1989, 244-256.

*Цитира се в:*

38. АПРОКСИМАЦИИ С РАЦИОНАЛНИ ФУНКЦИИ В КОМПЛЕКСНАТА РАВНИНА” Николай Руменов Икономов АВТОРЕФЕРАТ .., @2016

28. **Kanev, V.** Intermediate Jacobians and Chow groups of three-folds with a pencil of del Pezzo surfaces. *Annali di Matematica Pura ed Applicata* (4), 154, 1, Springer Verlag, 1989, ISSN:0003-4622, DOI:10.1007/BF01790341, 13-48

Цитирана се в:

39. Bernardara, Marcello ; Tabuada, Gonçalo . From semi-orthogonal decompositions to polarized intermediate Jacobians via Jacobians of noncommutative motives. *Mosc. Math. J.* 16 (2016), no. 2, 205—235., @2016
29. Choban M.M., **Kenderov P.S., Revalski J.P.** Generic well-posedness of optimization problems in topological spaces. *Mathematika*, 36, 2, 1989, 301-324. ISI IF:0.37

Цитирана се в:

40. L. Hol a and D. Hol y, Minimal usco and minimal cusco maps and compactness, *Journal of Mathematical Analysis and Applications*, Volume 439, Issue 2, 15 July 2016, 737- 744., @2016
30. Ditzian, Z., **Ivanov K.G.** Bernstein-type operators and their derivatives. *Journal of Approximation Theory*, 56, 1, Elsevier, 1989, ISSN:0021-9045, DOI:10.1016/0021-9045(89)90134-2, 72-90. ISI IF:0.951

Цитирана се в:

41. B Kunwar, VK Singh, A Srivastava, Rate of Convergence by a New Class of Stancu Generalized Integral Operators, *Asian Journal of Mathematics and Applications*, Volume 2016, Article ID ama0336, 5 pages, ISSN 2307-7743, @2016
42. D. K. Verma, Approximation by generalized Srivastava--Gupta operators based on certain parameter, *Publications de l'Institut Mathématique*, Published by: Mathematical Institute of the Serbian Academy of Sciences and Arts, Nouvelle serie, tome 10?(11?) (201?), 1-13, ISSN: 0350-1302, Accepted 2016, @2016
31. **Ivanov K.G., Totik V.** Fast decreasing polynomials. *Constructive approximation*, 6, 1, Springer, 1989, ISSN:0176-4276, DOI:10.1007/BF01891406, 1-20. ISI IF:1.987

Цитирана се в:

43. Ahmed, Batoul Ali Al balulah Mahmoud, Polynomials on Banach Lattices and UMD Constants with Decomposition of Spaces on Tensor Product, PhD thesis, Sudan University of Science and Technology, 2016, @2016
44. Kroo, A., Multivariate fast decreasing polynomials. *Acta Math. Hungar.*, Volume: 149, Issue: 1, 2016, Pages: 101-119, doi:10.1007/s10474-016-0593-2, @2016

---

1990

---

32. **Kyurkchiev, N., Andreev, A.** On Halley-like algorithms with high order of convergence for simultaneous approximation of multiple roots of polynomials. *C. R. Acad. Bulg. Sci.*, 43, 9, 1990, 29-32

Цитирана се в:

45. V. Kyncheva, V. Yotov, S. Ivanov, Convergence of Newton, Halley and Chebyshev iterative methods as methods for simultaneous determination of multiple zeros, *Applied Numerical Mathematics*, 2016, IF = 1.414; <http://www.sciencedirect.com/science/article/pii/S0168927416302148>, @2016

33. **Drensky, V.** Polynomial identities for  $2 \times 2$  matrices. Acta Appl. Math., 21, 1990, 137-161. ISI IF:0.466

Цитирана се е:

46. A. Regev, Growth for the central polynomials, Comm. Algebra 44 (2016), No. 10, 4411-4421., @2016

34. Shopov, P.J., Minev, P.D., **Bazhlevkov, I.B.**, Zapryanov, Z.D.. Interaction of a deformable bubble with a rigid wall at moderate Reynolds numbers. Journal of Fluid Mechanics, 219, 1990, 241-271

Цитирана се е:

47. Rowlatt, Christopher F., and Steven J. Lind. "Bubble Collapse near a Fluid-Fluid Interface using the Spectral Element Marker Particle Method with Applications in Bioengineering." International Journal of Multiphase Flow (2016). <http://dx.doi.org/10.1016/j.ijmultiphaseflow.2016.11.010>, @2016

35. **Raikov, G D.** Eigenvalue asymptotics for the Schrödinger operator with homogeneous magnetic potential and decreasing electric potential. I. Behaviour near the essential spectrum tips. Communication in Partial Differential Equations, 15, 3, Taylor and Francis, 1990, ISSN:0360-5302, 407-434. ISI IF:1.013

Цитирана се е:

48. D. Barseghyan, P. Exner, H. Kovark, T. Weidl, Semiclassical bounds in magnetic bottles, Rev. Math. Phys. 28 (2016), 1650002, 29 pp., @2016

49. P. Miranda, Eigenvalue asymptotics for a Schrödinger operator with non-constant magnetic field along one direction, Ann. H. Poincare, 17 (2016), 1713-1736., @2016

50. V. Bruneau, D. Sambou, Counting function of magnetic resonances for exterior problems, Annales Henri Poincare, 17 (2016), 3443-3471., @2016

51. V. Bruneau, D. Sambou, Spectral clusters for magnetic exterior problems, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 57-70, Springer International Publishing, 2016., @2016

52. D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 205-221, Springer International Publishing, 2016., @2016

---

## 1991

---

36. **Yanev, N. M.** Branching processes with multiplication: the supercritical case. CRABS, 44, 4, BAS, 1991, 15-18. SJR:0.206, ISI IF:0.233

Цитирана се е:

53. Arpita Inamdar and Mohan Kale. Joint Estimation of Offspring Mean and Offspring Variance of Controlled Branching Process. Sankhya A, August 2016, Volume 78, Issue 2, pp 248–268., @2016

---

## 1992

---



37. **Pashkouleva, D.** The starlikeness and spiral-convexity of certain subclasses of analytic functions. Current Topics in Analytic Function Theory, World Scientific Publishing Company, 1992, ISSN:981-02-0932-0, 266-273

Цумура се в:

54. Ghanim, F. "Inclusion Properties for Classes of Analytic Function Related to Integral Operator.", Mathematical and Computational Methods in Science and Engineering, ISBN: 978-960-474-372-8, @2016

38. **Dimitrova, N. S., Markov, S. M., Popova, E. D.** Extended Interval Arithmetics: New Results and Applications, in Atanassova, L.; Herzberger, J. (Eds.): Computer Arithmetic and Enclosure Methods. Elsevier Sci. Publishers B. V., 1992, 225-232

Цумура се в:

55. Boukezzoula, R., Du contrôle flou conventionnel au contrôle graduel, HABILITATION A DIRIGER DES RECHERCHES, Ecole Doctorale «Sciences et Ingénierie des Systèmes, de l'Environnement et des Organisations», Univ. Grenoble Alpes, 2016., @2016
56. Kenoufi, A., Linear Algebra and Differential Calculus in Pseudo-Intervals Vector Space, Tendências em Matemática Aplicada e Computacional, 17, N. 3 (2016), 283-304., @2016
57. E. Zieniuk, A. Kuzelewski, M. Kapturczak: The influence of interval arithmetic on the shape of uncertainly defined domains modelled by closed curves. Comp. Appl. Math., Publ. online 15 September 2016, DOI 10.1007/s40314-016-0382-0, @2016
58. Elishakoff, I., Gabriele, S., Wang, Y., Generalized Galileo Galilei problem in interval setting for functionally related loads, Archive of Applied Mechanics, 2016, 86 (7), pp. 1203-1217., @2016

39. **Raikov, G D.** Eigenvalue asymptotics for the Schrödinger operator with perturbed periodic potential. Invent. Math., 110, 1, Springer, 1992, ISSN:0020-9910, 75-93. ISI IF:2.364

Цумура се в:

59. P. D. Hislop, N. Popoff, N. Raymond, M. P. Sundqvist, Band functions in the presence of magnetic steps, Math. Models Methods Appl. Sci. 26 (2016), 161-184., @2016

40. Shopov P.J., Minev P.D., **Bazhlevkov I.B.** Numerical method for unsteady viscous hydrodynamical problem with free boundaries. International journal for numerical methods in fluids, 14, 6, 1992, 681-705. ISI IF:1.447

Цумура се в:

60. Rowlatt, Christopher F., and Steven J. Lind. "Bubble Collapse near a Fluid-Fluid Interface using the Spectral Element Marker Particle Method with Applications in Bioengineering." International Journal of Multiphase Flow (2016). <http://dx.doi.org/10.1016/j.ijmultiphaseflow.2016.11.010>, @2016

41. **Drensky, V.** Relations for the cocharacter sequences of T-ideals. Proc. of the International Conference on Algebra Honoring A. Malcev, Contemp. Math., 131 (Part 2), AMS, 1992, 285-300

Цумура се в:

61. A.B. Verevkin, S.P. Mishchenko, On varieties with identities of one generated free metabelian algebra, Chebyshevskii Sbornik 17(2) (2016), 21-55., @2016
62. A. Giambruno, M. Zaicev, Anomalies on codimension growth of algebras, Forum Math. 28

(2016), No. 4, 649-656., @2016

63. D. La Mattina, On algebras of polynomial codimension growth, *S\~{a}o Paulo Journal of Mathematical Sciences*, 10 (2016), No. 2, 312-320., @2016
64. A. Giambruno, M. Zaicev, Polynomial identities and algebraic combinatorics on words, *São Paulo J. Math. Sci.* 10 (2016), No. 2, 219-227., @2016

42. Drensky, V.. Wild automorphisms of free nilpotent-by-abelian Lie algebras. *Manuscr. Math.*, 74, Springer, 1992, 133-141. ISI IF:0.276

Цитира се в:

65. C. E. Kofinas, A. I. Papistas, Automorphisms of free metabelian Lie algebras, *Internat. J. Algebra Comput.* 26 (2016), No. 4, 751-762., @2016

---

1993

---

43. Ditzian, Z., Ivanov K.G.. Strong converse inequalities. *Journal d'Analyse Mathematique*, 61, 1, Springer, 1993, ISSN:0021-7670, DOI:10.1007/BF02788839, 61-111. ISI IF:1.027

Цитира се в:

66. Adell, J.A., Lekuona, A., Towards the best constant in front of the Ditzian-Totik modulus of smoothness, *Journal of Inequalities and Applications*, ISSN: 1029-242X, IF(2014):0.77, (2016) 2016:137, 1-17. DOI 10.1186/s13660-016-1078-0, @2016
67. Cobos, Fernando; Dominguez, Oscar; Triebel, Hans, Characterizations of logarithmic Besov spaces in terms of differences, Fourier-analytical decompositions, wavelets and semi-groups, *JOURNAL OF FUNCTIONAL ANALYSIS*, Volume: 270, Issue: 12, 2016, Pages: 4386-4425, <http://dx.doi.org/10.1016/j.jfa.2016.03.007>, @2016
68. Feng Dai, Amiran Gogatishvili, Dachun Yang, Wen Yuan, Characterizations of Besov and Triebel–Lizorkin spaces via averages on balls, *J. Math. Anal. Appl.* Elsevier, ISSN: 0022-247X, IF(2014): 1.120, 433 (2016) 1350–1368 <http://dx.doi.org/10.1016/j.jmaa.2015.08.054>, @2016
69. Ding, Chunmei; Yang, Ruyue; Cao, Feilong, The strong converse inequality for de la Vallee Poussin means on the sphere, *JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS*, Volume: 20, Issue: 1, 2016, Pages: 34-41, @2016
70. Ivan Gadjev, Approximation of functions by Baskakov-Kantorovich operator. *Results Math.* 70 (2016), no. 3-4, 385–400. DOI: 10.1007/s00025-016-0554-7, @2016
71. Yurii Kolomoitsev, Tetiana Lomako, Jurgen Prestin, On approximation of functions by algebraic polynomials in Holder spaces, *Mathematische Nachrichten*, Online ISSN: 1522-2616, 289, 16, 2016, 2037–2057, DOI: 10.1002/mana.201500204, @2016
72. Gancho Tachev, A global inverse theorem for combinations of Phillips operators, *Mediterranean Journal of Mathematics*, Springer, Print ISSN 1660-5446, Online ISSN 1660-5454, IF(2014): 0.656, 13, 5, 2016, 2709-2719. DOI: 10.1007/s00009-015-0648-, @2016
73. Gancho Tachev, Pointwise estimate for linear combinations of Phillips operators, *Journal of Classical Analysis*, ISSN: 1848-5979 (print), 1848-5987 (online), 8, 1, 2016, 41-51. <http://dx.doi.org/10.7153/jca-08-03>, @2016
74. MA Yuemei, LIU Guojun, Strong converse inequalities of approximation for generalized Baskakov operators, (广义Baskakov 算子逼近的强逆不等式) (Chinese) *Journal of Liaoning Technical University (Natural Science)*, 35, 2, 2016, 1521-1526,

44. Chen, W., Ditzian, Z., **Ivanov, K. G.** Strong converse inequality for the Bernstein-Durrmeyer operator. Journal of Approximation Theory, 75, 1, Elsevier, 1993, ISSN:0021-9045, DOI:10.1006/jath.1993.1086, 25-43. ISI IF:0.951

Цитира се в:

75. Yurii Kolomoitsev, Tetiana Lomako, Jurgen Prestin, On approximation of functions by algebraic polynomials in Holder spaces, Mathematische Nachrichten, Online ISSN: 1522-2616, 289, 16, 2016, 2037–2057, DOI: 10.1002/mana.201500204, @2016
45. Rubenstein JD, JK Kim, I Morova-Protzner, **PL Stanchev**, RM Henkelman. Effects of collagen orientation on MR imaging characteristics of bovine articular cartilage. Radiology, 188, 1, 1993, 219-226

Цитира се в:

76. Hannila, I., T2 Relaxation of Articular Cartilage. PhD thesis in University of Oulu, 2016, @2016
77. Zhuang, Z., Lee, J.H., Badar, F., Xu, J. and Xia, Y., 2016. The influences of different spatial resolutions on the characteristics of T2 relaxation times in articular cartilage: A coarse-graining study of the microscopic magnetic resonance imaging data. Microscopy research and technique, 79(8), pp.754-765., @2016
78. Wright, A.C., Yoder, J.H., Vresilovic, E.J. and Elliott, D.M., 2016. Theory of MRI contrast in the annulus fibrosus of the intervertebral disc. Magnetic Resonance Materials in Physics, Biology and Medicine, pp.1-12., @2016
79. Bengtsson Moström, E., 2016. Traumatic patellar dislocation in childhood: late effects on knee function and cartilage quality. PhD Thesis, Karolinska University Hospital, 2016., @2016
46. Burstall, F., **Muskarov, O.**, Grantcharov, G, Rawnsley, J.. Hermitian Structures on Hermitian Symmetric spaces. 10, Elsevier, 1993, ISSN:0393-0440, DOI:10.1016/0393-0440(93)90017-9, 245-249

Цитира се в:

80. G. Khan, Bo Yang, F. Zhengthe, The set of all orthogonal complex structures on the flat 6-tori, arXiv:1604.05745 v1 [math.DG] 19 Apr 2016., @2016
47. **Revalski J.P.**, **Zhivkov N.V.**. 16. Well-posed constrained optimization problems in metric spaces. J. Opt. Theory Appl., 76, 1, 1993, 145-163

Цитира се в:

81. L.Q. Anh and T.Q. Duy, Tykhonov well-posedness for lexicographic equilibrium problems, Optimization, Vol. 65, issue 11 (2016), 1929-1948., @2016
48. **Drensky, V.**, Rashkova, Ts. G.. Weak polynomial identities for the matrix algebras. Commun. Algebra, 21, 1993, 3779-3795. ISI IF:0.306

Цитира се в:

82. A. Giambruno, A. Ioppolo, F. Martino, Standard polynomials and matrices with superinvolutions, Linear Algebra and its Applications 504 (2016), 272-291., @2016
49. Bryant, R. M., **Drensky, V.** Dense subgroups of the automorphism groups of free algebras. Canad. J. Math., 45, 1993, 1135-1154. ISI IF:0.374

Цитира се в:

83. C. E. Kofinas, A. I. Papistas, Automorphisms of free metabelian Lie algebras, *Internat. J. Algebra Comput.* 26 (2016), No. 4, 751-762., @2016

---

1994

---

50. Drensky, V.. Fixed algebras of residually nilpotent Lie algebras. *Proc. Amer. Math. Soc.*, 120, AMS, 1994, 1021-1028. ISI IF:0.236

Цитира се в:

84. Z. Esmerligil, Fixed points of automorphisms permuting the generators cyclically in free solvable Lie algebras, *International Advanced Research Journal in Science, Engineering and Technology (IARJSET)* 3 (2016), No. 6, DOI 10.17148/IARJSET.2016.3648., @2016
51. B. Sendov, A. Andreev, N. Kyurkchiev. Numerical solution of polynomial equations. In *Handbook of Numerical Analysis, III*, P. Ciarlet and J. Lions, eds., Elsevier Science Publ., Amsterdam, 1994, ISBN:0 444 89928 6

Цитира се в:

85. P. Proinov, M. Vasileva, On a family of Weierstrass-type root-finding methods with accelerated convergence, *Appl. Math. and Computation*, 2016, vol. 273, 957-968; IF = 1.551; DOI: 10.1016/j.amc.2015.10.048  
<http://www.sciencedirect.com/science/article/pii/S0096300315013995>, @2016
86. P. Proinov, Relationships between different types of initial conditions for simultaneous root finding methods, *Appl. Math. Letters*, vol. 52, February 2016, 102-111; IF = 1.337; DOI: 10.1016/j.aml.2015.08.016;  
<http://www.sciencedirect.com/science/article/pii/S0893965915002542>, @2016
87. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “ доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016
88. P. Proinov, General convergence theorems for iterative processes and applications to the Weierstrass root-finding method, *J. Complexity*, 33, 2016, 118-144; IF = 1.5; <http://www.sciencedirect.com/science/article/pii/S0885064X15001041>, @2016
89. P. Proinov, A general semilocal convergence theorems for simultaneous methods for polynomial zeros and its applications to the Ehrlich's and Dochev-Byrnev's methods, *Appl. Math. and Computation*, 284, 2016, 102-114; IF = 1.551; <http://www.sciencedirect.com/science/article/pii/S0096300316301746>, @2016
90. D.Sytnyk, R. Melnik, Linear nonlocal problem for the abstract time-dependent Schrodinger equation, arXiv:1609.08670v1 [math-ph], 2016; <https://arxiv.org/pdf/1609.08670.pdf>, @2016
91. V. Kyncheva, V. Yotov, S. Ivanov, Convergence of Newton, Halley and Chebyshev iterative methods as methods for simultaneous determination of multiple zeros, *Applied Numerical Mathematics*, 2016, IF = 1.414; <http://www.sciencedirect.com/science/article/pii/S0168927416302148>, @2016
92. Ahmad, F., N. Mir, N. Akmal, Simultaneous Methods for Determining Zeros of Nonlinear Equations, ISSN: 2090-4274, *J. Appl. Environ. Biol. Sci.*, 5 (7), 378-382, 2016., @2016

52. Margulis, G. A., **Tomanov, G.M.** Invariant measures for actions of unipotent groups over local fields on homogeneous spaces. *Inventiones mathematicae*, 116, 1, Springer, 1994, ISSN:Print 0020-9910, Online 1432-1297, DOI:10.1007/BF01231565, 347-392. ISI IF:0.951

Цумура се в:

93. Mohammadi, A.; Oh, Hee: Classification of joinings for Kleinian groups, *Duke Math. J.* 165 (2016), No. 11, 2155-2223., @2016
94. Quint, J-F.: Rigidité des orbites dans les espaces de modules de surfaces plates [d'après Eskin, Mirzakhani et Mohammadi] (French), *Asterisque* No. 380, *Seminaire Bourbaki*. Vol. 2014/2015 (2016), Exp. No. 1092, 83–138. ISBN: 978-2-85629-836-7 58D19 (32G15 37D40), @2016
95. Ruhr, R.: Effectivity of uniqueness of the maximal entropy measure on  $p$ -adic homogeneous spaces. *Ergodic Theory Dynam. Systems* 36 (2016), no. 6, 1972–1988. 37P55 (22E35 37A35), @2016
96. Aka, M.; Einsiedler, M.; Shapira, U.: Integer points on spheres and their orthogonal grids. *J. Lond. Math. Soc.* (2) 93 (2016), no. 1, 143–158. 37A45 (11F85 11H55), @2016
97. Wright, A.: From rational billiards to dynamics on moduli spaces. *Bull. Amer. Math. Soc. (N.S.)* 53 (2016), no. 1, 41–56., @2016
53. **Kiryakova, V.** Generalized Fractional Calculus and Applications. Longman Sci. & Techn.; J. Wiley & Sons Inc.; Chapman and Hall/CRC (Taylor & Francis Group), 1994, ISBN:0-582-21977-9, 978-0, 360

Цумура се в:

98. Anastassiou G.: The Most General Fractional Representation Formula for Functions and Consequences \\\ Intelligent Comparisons: Analytic Inequalities, Springer, 2016, Ch. 20: 391-399; DOI: 10.1007/978-3-319-21121-3\_20, @2016
99. Xu, R. , Meng, F., Some new weakly singular integral inequalities and their applications to fractional differential equations \\\ *Journal of Inequalities and Applications*, 2016, No 1, Article No 78, pp. 1-16, @2016
100. Tomar, M. , Mubeen, S., Choi, J., Certain inequalities associated with Hadamard  $k$ -fractional integral operators \\\ *Journal of Inequalities and Applications*, 2016, No 1, Article No 234, @2016
101. Ibrahim, R.W. , Jalab, H.A., Gani, A., Entropy solution of fractional dynamic cloud computing system associated with finite boundary condition \\\ *Boundary Value Problems* , 2016, No 1, Article No 94, @2016
102. Caputo, M., Cametti, C., Fractional derivatives in the transport of drugs across biological materials and human skin \\\ *Physica A: Statistical Mechanics and its Applications*, 462, pp. 705-713, @2016
103. Tarasov, V.E., Geometric interpretation of fractional-order derivative \\\ *Fractional Calculus and Applied Analysis*, 19, No 1, pp. 1200-1221, @2016
104. Singla, K., Gupta, R.K., On invariant analysis of some time fractional nonlinear systems of partial differential equations. I \\\ *Journal of Mathematical Physics*, 57, No 10, Article No 101504, @2016
105. Caballero, J. , Darwish, M.A., Sadarangani, K., A perturbed quadratic equation involving Erdélyi–Kober fractional integral \\\ *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matemáticas*, 110, No 2, pp. 541-555, @2016
106. Karapetyants, A.N., Samko, S.G., Mixed norm variable exponent Bergman space on the unit disc \\\ *Complex Variables and Elliptic Equations*, 61, No 8, pp. 1090-1106, @2016

107. Baleanu, D., Kumar, D., Purohit, S.D., Generalized fractional integrals of product of two H-functions and a general class of polynomials \ \ International Journal of Computer Mathematics, 93, No 8, pp. 1320-1329, @2016
108. Płociniczak, Ł., Diffusivity identification in a nonlinear time-fractional diffusion equation \ \ Fractional Calculus and Applied Analysis, 19, No 4, pp. 843-866, @2016
109. Yang, X.-J., Tenreiro Machado, J.A., Baleanu, D., Cattani, C., On exact traveling-wave solutions for local fractional Korteweg-de Vries equation \ \ Chaos, 26, No 8, Article No 4960543, @2016
110. Tarasov, V.E., Exact discretization by Fourier transforms \ \ Communications in Nonlinear Science and Numerical Simulation, 37, August 01, pp. 31-61, @2016
111. Wang, L., Tian, S.-F., Zhao, Z.-T., Song, X.-Q., Lie Symmetry Analysis and Conservation Laws of a Generalized Time Fractional Foam Drainage Equation \ \ Communications in Theoretical Physics, 66, No 1, pp. 35-40, @2016
112. Bouzeffour, F., Fractional integration operator on some radial rays and intertwining for the Dunkl operator \ \ Fractional Calculus and Applied Analysis, 19, No 3, pp. 725-740, @2016
113. Kosmatov, N., Integral equations of fractional order in Lebesgue spaces \ \ Fractional Calculus and Applied Analysis, 19, No 3, pp. 665-675, @2016
114. Tarasov, V.E., United lattice fractional integro-differentiation \ \ Fractional Calculus and Applied Analysis, 19, No 3, pp. 625-664, @2016
115. Rafeiro, H., Samko, S., Fractional integrals and derivatives: Mapping properties \ \ Fractional Calculus and Applied Analysis, 19, No 3, pp. 580-607, @2016
116. Chudasama, M.H., Dave, B.I., Some new class of special functions suggested by the confluent hypergeometric function \ \ Annali dell'Universita di Ferrara, 62, No 1, pp. 23-28, @2016
117. Wang, X.-B., Tian, S.-F., Qin, C.-Y., Zhang, T.-T., Lie symmetry analysis, conservation laws and exact solutions of the generalized time fractional Burgers equation \ \ EPL – Europhysics Letters, 114, No 2, Article No 20003, @2016
118. Klimek, M., Malinowska, A.B., Odziejewicz, T., Applications of the fractional Sturm-Liouville problem to the space-time fractional diffusion in a finite domain \ \ Fractional Calculus and Applied Analysis, 19, No 2, pp. 516-550, @2016
119. Escalante-Martínez, J.E., Gómez-Aguilar, J.F., Calderón-Ramón, C., (...), Cruz-Orduña, I., Laguna-Camacho, J.R., Experimental evaluation of viscous damping coefficient in the fractional underdamped oscillator \ \ Advances in Mechanical Engineering, 8, No 4, pp. 1-2, @2016
120. Thongsalee, N., Ntouyas, S.K., Tariboon, J., Nonlinear Riemann-Liouville fractional differential equations with nonlocal Erdelyi-Kober fractional integral conditions \ \ Fractional Calculus and Applied Analysis, 19, No 2, pp. 480-497, @2016
121. Agarwal, R., Hristova, S., O'Regan, D., A survey of Lyapunov functions, stability and impulsive Caputo fractional differential equations \ \ Fractional Calculus and Applied Analysis, 19, No 2, pp. 290-318, @2016
122. Ezzat, M.A., El-Karamany, A.S., El-Bary, A.A., Magneto-thermoelasticity with two fractional order heat transfer \ \ Journal of the Association of Arab Universities for Basic and Applied Sciences, 19, pp. 70-79, @2016
123. Darwish, M.A., On Erdélyi-Kober fractional Urysohn-Volterra quadratic integral equations \ \ Applied Mathematics and Computation, 273, pp. 562-569, @2016
124. Anastassiou, G.A., The most general fractional representation formula for functions and consequences \ \ Studies in Computational Intelligence, 609, pp. 391-399, @2016

125. Agarwal, P., Fractional calculus operators and their image formulas \\\ Journal of the Korean Mathematical Society, 53, No 5, pp. 1183-1210, @2016
  126. Veselinova, M., Kiskinov, H., Zahariev, A., Stability analysis of neutral linear fractional system with distributed delays \\\ Filomat, 30, No 3, pp. 841-851, @2016
  127. Attiya, A.A., Some applications of Mittag-Leffler function in the unit disk \\\ Filomat, 30, No 7, pp. 2075-2081, @2016
  128. Denton, Z., Ramírez, J.D., Generalized monotone method for multi-order 2-systems of Riemann-Liouville fractional differential equations \\\ Nonlinear Dynamics and Systems Theory, 16, No 3, pp. 246-250, @2016
  129. Denton, Z., Monotone method for Riemann-Liouville multi-order fractional differential systems \\\ Opuscula Mathematica, 36, No 2, pp. 189-206, @2016
  130. Nikolova, L., Varšanec, S., Chebyshev and Grüss type inequalities involving two linear functionals and applications \\\ Mathematical Inequalities and Applications, 19, No , pp. 127-143, @2016
  131. Rui, W., Zhang, X., Lie symmetries and conservation laws for the time fractional Derrida-Lebowitz-Speer-Spohn equation \\\ Communications in Nonlinear Science and Numerical Simulation, 34, pp. 38-44, @2016
  132. Jain, S., Agarwal, P., Ahmad, B., Al-Omari, S.K.Q., Certain recent fractional integral inequalities associated with the hypergeometric operators \\\ Journal of King Saud University - Science, 28, No 1, pp. 82-86, @2016
  133. Li, Y.-N., Sun, H.-R., Feng, Z., Fractional abstract cauchy problem with order  $\alpha \in (1, 2)$  \\\ Dynamics of Partial Differential Equations, 13, No 2, pp. 155-177, @2016
  134. Aldhaifallah, M., Tomar, M., Nisar, K.S., Purohit, S.D., Some new inequalities for  $(k, s)$ -fractional integrals \\\ Journal of Nonlinear Science and Applications, 0, No 9, pp. 5374-5381, @2016
  135. Baleanu, D., Purohit, S.D., Prajapati, J.C., Integral inequalities involving generalized Erdélyi-Kober fractional integral operators \\\ Open Mathematics, 14, No 1, pp. 89-99, @2016
  136. Yaşar, E., Yildirim, Y., Khalique, C.M., Lie symmetry analysis, conservation laws and exact solutions of the seventh-order time fractional Sawada-Kotera-Ito equation \\\ Results in Physics, 6, pp. 322-328, @2016
  137. Ezzat, M.A., El-Bary, A.A., Unified fractional derivative models of magneto-thermo-viscoelasticity theory \\\ Archives of Mechanics, 68, No 4, pp. 285-308, @2016
  138. Choi, J., Agarwal, P., A note on fractional integral operator associated with multiindex Mittag-Leffler functions \\\ Filomat, 30, No 7, pp. 1931-1939, @2016
  139. Ostalczyk, Piotr: Discrete Fractional Calculus (Applications in Control and Image Processing), World Sci. Publ., ISBN 978-981-4725-66-8, ISSN 2010-2143, 381 pp., @2016
  140. Mincheva-Kaminska, S., Convolutional approach to fractional calculus for distributions of several variables \\\ Fractional Calculus and Applied Analysis, 19, No 2, pp. 441-462, @2016
  141. Barciz, A., Kant Shashi, Prajapat J.K.: Differential subordination and superordination results associated with the Wright function \\\ Bulletin of the Iranian Mathematical Society 42(6), pp. 1459-1477, December 2016, @2016
54. Konsulova A.S., **Revalski J.P.**. Constrained convex optimization problems–well-posedness and stability. Numerical Functional Analysis and Optimization, 15, 1994, 889-907. ISI IF:0.378

Цумура се в:

142. G. Virmani and M. Srivastava, Levitin-Polyak Well-Posedness of Constrained Inverse Quasivariational Inequality, Numerical Functional Analysis and Optimization, (2016)., @2016
143. X. Long, Z. Peng and X. Sun, Levitin-Polyak well-posedness for generalized semiinfinite multiobjective programming problems J. Inequal. Appl., (2016) 2016: 12. doi:10.1186/s13660-015-0958-z, @2016
144. L.Q. Anh and T.Q. Duy, Tykhonov well-posedness for lexicographic equilibrium problems, Optimization, Vol. 65, issue 11 (2016), 1929-1948., @2016
145. J.-W. Peng, Q. Chang and C.-F. Wen, Two types of generalized Tykhonov well-posedness for the weak type system of generalized vector quasi-equilibrium problems, J. Nonlinear and Convex Anal., Volume 17, Issue 4, 2016, 791–806., @2016
55. Horozov E., **I.D. Iliev**. On the number of limit cycles in perturbations of quadratic Hamiltonian systems. Proc. Lond. Math. Soc. (3), 69, 1, Oxford University Press, 1994, ISSN:0024-6115, DOI:10.1112/plms/s3-69.1.198, 198-224. ISI IF:0.768

Цитирана се е:

146. Yun Tian, Pei Yu, Bifurcation of ten small-amplitude limit cycles by perturbing a quadratic Hamiltonian system with cubic polynomials, J. Differential Equations 260 (2016), no. 2, 971--990. IF 1.680 (2014), @2016
147. Xianbo Sun, Perturbation of a period annulus bounded by a heteroclinic loop connecting two hyperbolic saddles, Qualitative Theory of Dynam. Syst. [to appear], 17 pp. First online: 11 January 2016. IF 0.766 (2014), @2016
148. Ameni Gargouri, On the perturbations theory of the Duffing oscillator in a complex domain, Ph.D. Thesis (10 December 2015), Faculty of Sciences, Sfax University, Tunisia, and Institut de Mathématiques de Toulouse, Paul Sabatier University, France (2016), 92 pp., @2016
56. Horozov E., **I.D. Iliev**. On saddle-loop bifurcations of limit cycles in perturbations of quadratic Hamiltonian systems. J. Differential Equations, 113, 1, Academic Press; Elsevier, 1994, ISSN:0022-0396, DOI:10.1006/jdeq.1994.1115, 84-105. ISI IF:0.607

Цитирана се е:

149. Yanqin Xiong, Maoan Han, Dongmei Xiao, Limit cycle bifurcations by perturbing a quadratic integrable system with a triangle, J. Differential Equations 260 (2016), no. 5, 4473--4498. Available online 28 November 2015. IF 1.680 (2014), @2016
57. **Drensky, V.**, Giambruno, A.. Cocharacters, codimensions and Hilbert series of the polynomial identities for  $2 \times 2$  matrices with involution. Can. J. Math., 46, 1994, 718-733. ISI IF:0.336

Цитирана се е:

150. L. Centrone, M. da Silva Souza, On the growth of graded polynomial identities of  $\mathbb{Z}_n$ , arXiv: 1506.00510v1 [math.RA]. Linear and Multilinear Algebra, Published online: 29 June 2016, <http://dx.doi.org/10.1080/03081087.2016.1202185>., @2016
151. D. La Mattina, F. Martino, Polynomial growth and star-varieties, J. Pure and Applied Algebra 220 (2016), 246-262., @2016
152. A. Ioppolo, D. La Mattina, Polynomial codimension growth of algebras with involutions and superinvolutions, J. Algebra, Available online 19 October 2016., @2016



58. **Pericliev, V.** Empirical discovery in linguistics. Spring Symposium of the American Association for Artificial Intelligence, Stanford University, 1995, 68-73

Цитира се в:

153. Димитрова, Л. Компютърната лингвистика в ИМИ – история, проекти и резултати. Национална конференция по информатика, посветена на 80 г. от рождението на професор Петър Бърнев. 39-57., @2016

59. Ditzian, Z., **Hristov V., Ivanov K.G.** Moduli of Smoothness and K-functionals in  $L_p$ ,  $0 < p < 1$ . Constructive approximation, 11, 1, Springer, 1995, ISSN:0176-4276, DOI:10.1007/BF01294339, 67-83. ISI IF:1.987

Цитира се в:

154. Yurii Kolomoitsev, Tetiana Lomako, Jurgen Prestin, On approximation of functions by algebraic polynomials in Holder spaces, Mathematische Nachrichten, Online ISSN: 1522-2616, 289, 16, 2016, 2037–2057, DOI: 10.1002/mana.201500204, @2016

60. S.N. Dimova, M.S. Kaschiev, **M.G. Koleva, D.P. Vasileva.** Numerical analysis of the blowup regimes of combustion of two-component nonlinear heat-conducting medium. Comput. Math. Math. Phys., 35, 1995, ISSN:0965-5425, 303-319

Цитира се в:

155. Shahlo A. Sadullaeva, Numerical Investigation of Solutions to a Reaction-diffusion System with Variable Density, Journal of Siberian Federal University. Mathematics & Physics, 2016, 9(1), 90-101, @2016

61. **Nadezhda Ribarska, Tsvetomir Tsachev, Mikhail Ivanov Krastanov.** Deformation Lemma, Ljusternik-Schnirelmann Theory and Mountain Pass Theorem on C-1- Finsler Manifolds. 21, 1995, 239-266

Цитира се в:

156. GILLES EVÉQUOZ, MULTIPLE STANDING WAVES FOR THE NONLINEAR HELMHOLTZ EQUATION CONCENTRATING IN THE HIGH FREQUENCY LIMIT, arXiv:1608.04534v1 [math.AP] 16 Aug 2016., @2016

62. Graham SJ, **PL Stanchev,** JOA Lloyd-Smith, MJ Bronskill, DB Plewes. Changes in fibroglandular volume and water content of breast tissue during the menstrual cycle observed by MR imaging at 1.5 T. Journal of Magnetic Resonance Imaging, 5, 6, 1995

Цитира се в:

157. Ledger, A.E., Scurr, E.D., Hughes, J., Macdonald, A., Wallace, T., Thomas, K., Wilson, R., Leach, M.O. and Schmidt, M.A., 2016. Comparison of Dixon Sequences for Estimation of Percent Breast Fibroglandular Tissue. PloS one, 11(3), p.e0152152., @2016

158. Wang, J., Wang, M.Y., Kuo, W.H., Chen, K.L. and Shih, T.T.F., 2016. Proton MR spectroscopy of normal breasts: Association of risk factors for breast cancer with water and lipid composition of the breast. Magnetic resonance imaging, 34(4), pp.524-528., @2016

159. Linton, L., Taylor, M., Dunn, S., Martin, L., Chavez, S., Stanitz, G., Huszti, E., Minkin, S. and

Boyd, N., 2016. Associations of Serum Levels of Sex Hormones in Follicular and Luteal Phases of the Menstrual Cycle with Breast Tissue Characteristics in Young Women. PloS one, 11(10), p.e0163865., @2016

63. Wood ML, MJ Shivji, **PL Stanchev**. Planar-motion correction with use of k-space data acquired in fourier MR imaging. Journal of Magnetic Resonance Imaging, 5, 1995, ISSN:1, 57-64

*Цумура се в:*

160. Malhotra, E. and Rajwade, A., 2016, September. Tomographic reconstruction from projections with unknown view angles exploiting moment-based relationships. In Image Processing (ICIP), 2016 IEEE International Conference on (pp. 1759-1763). IEEE., @2016

64. **Bazhlekov, I.B.**, P. Shopov, Z. Zapryanov. Unsteady motion of a type-A compound multiphase drop at moderate Reynolds numbers. Journal of colloid and interface science, 169, 1, 1995, 1-12

*Цумура се в:*

161. Díaz-Maldonado, Misael, and Ubaldo M. Córdova-Figueroa. "Dynamics and rheology of Janus drops in a steady shear flow." International Journal of Multiphase Flow 85 (2016): 2-13. DOI: 10.1016/j.ijmultiphaseflow.2016.05.003, @2016

65. **Markov, S.** On Directed Interval Arithmetic and its Applications, J. UCS 1, 7 (1995), 514-526.. J.UCS, 1, 7, J.UCS consortium, 1995, ISSN:ISSN 0948-695x Online Edition: ISSN 0948-6968, DOI:10.3217/jucs-001-07-0514, 514-526. ISI IF:0.466

*Цумура се в:*

162. Zieniuk, E., Kapturczak, M., Kuzelewski, A., Solving interval systems of equations obtained during the numerical solution of boundary value problems, Computational and Applied Mathematics, 35 ( 2 ) pp. 629 – 638, 2016, @2016

---

## 1996

---

66. **Drensky, V.**, Regev, A.. Exact asymptotic behaviour of the codimensions of some P.I. algebras. Israel J. Math., 96, 1996, 231-242. ISI IF:0.507

*Цумура се в:*

163. D. La Mattina, On algebras of polynomial codimension growth,  $S_{\sim\{a\}}$ o Paulo Journal of Mathematical Sciences, 10 (2016), No. 2, 312-320., @2016

67. **Popova, E. D.**, Ullrich, C. P.. Directed Interval Arithmetic in Mathematica. Implementation and Applications. Technical report no. 96-3, Universitaet Basel, Switzerland, 1996

*Цумура се в:*

164. Elishakoff, I., Gabriele, S., Wang, Y., Generalized Galileo Galilei problem in interval setting for functionally related loads, Archive of Applied Mechanics, 2016, 86(7): 1203-1217., @2016

68. Graham SJ, **PL Stanchev**, MJ Bronskill. Criteria for analysis of multicomponent tissue T2 relaxation data. Magnetic resonance in medicine, 35, 3, 1996, 370-378

*Цумура се в:*

165. Uddin, M.N., Lebel, R.M. and Wilman, A.H., 2016. Value of transverse relaxometry difference

methods for iron in human brain. Magnetic resonance imaging, 2016, 34(1), pp.51-59., @2016

166. Björk, M., Zachariah, D., Kullberg, J. and Stoica, P., 2016. A multicomponent T2 relaxometry algorithm for myelin water imaging of the brain. Magnetic resonance in medicine, 75(1), pp.390-402., @2016
167. Mulas, G., Anedda, R., Longo, D.L., Roggio, T. and Uzzau, S., 2016. An MRI method for monitoring the ripening of Grana Padano cheese. International Dairy Journal, 52, pp.19-25., @2016
168. Uddin, M.N., 2016. Quantitative Transverse Relaxometry in Multiple Sclerosis (Doctoral dissertation, University of Alberta)., @2016
169. Alonso-Ortiz, E., Levesque, I.R., Paquin, R. and Pike, G.B., 2016. Field inhomogeneity correction for gradient echo myelin water fraction imaging. Magnetic Resonance in Medicine., @2016
170. Bladt, P., Van Steenkiste, G., Ramos-Llordén, G., den Dekker, A.J. and Sijbers, J., 2016, March. Multi-voxel algorithm for quantitative bi-exponential MRI T1 estimation. In SPIE Medical Imaging (pp. 978402-978402). International Society for Optics and Photonics., @2016
69. Kanno, S., N. Kyurkchiev, T. Yamamoto. On some methods for the simultaneous determination of polynomial zeros. Japan Journal of Industrial and Applied Mathematics, 13, 2, 1996, ISSN:0916-7005, 267-288

Цитира се в:

171. Ahmad, F., N. Mir, N. Akmal, Simultaneous Methods for Determining Zeros of Nonlinear Equations, ISSN: 2090-4274, J. Appl. Environ. Biol. Sci., 5 (7), 378-382, 2016, , @2016
172. P. Proinov, A general semilocal convergence theorems for simultaneous methods for polynomial zeros and its applications to the Ehrlich's and Dochev-Byrnev's methods, Appl. Math. and Computation, 284, 2016, 102-114; IF = 1.551; <http://www.sciencedirect.com/science/article/pii/S0096300316301746>, @2016
70. Yanev, G. P., Yanev, N.M.. Branching Processes with Two Types Emigration and State-Dependent Immigration. Athens Conference on Applied Probability and Time Series Analysis, series Lecture Notes in Statistics, 114, Springer-Verlag, 1996, 216-228

Цитира се в:

173. M. González, C. Minuesa, , I. del Puerto. Maximum likelihood estimation and expectation–maximization algorithm for controlled branching processes . Computational Statistics & Data Analysis, Volume 93, January 2016, Pages 209–227., @2016
71. Bouyukliev I., Kapralov S., Maruta T., Fukui M.. Optimal linear codes of dimension 4 over F5. IEEE Transactions on Information Theory, 43, 1, IEEE, 1996, ISSN:0018-9448, DOI:10.1109/18.508846, 308-313. SJR:3.75

Цитира се в:

174. Kim, Hyun Jin, and Yoonjin Lee. "t-CIS codes over GF (p) and orthogonal arrays." Discrete Applied Mathematics (2016)., @2016
72. Markov, S.M., Popova, E. D.. Linear interpolation and estimation using interval analysis. Bounding Approaches to System Identification, Milanese, M., Norton, J. P., P.-Lahanier H., Water, E. (Eds.), Plenum Press, 1996, 139-157

Цитира се в:

175. Ines Ferrer Mallorqui, MODAL INTERVAL BASED PACKAGE FOR ROBUST CONTROL, PhD Thesis, University of Girona, Spain, 2016., @2016

73. Apostolov, V., **Davidov, J., Mushkarov, O.** Compact self-dual Hermitian surfaces. Transactions of the American Mathematical Society, 348, 8, American Mathematical Society, 1996, ISSN:0002-9947, 3051-3063. ISI IF:0.554

Цумура се в:

176. S.J.Hall, T.Murphy, Rigidity results for Hermitian-Einstein manifolds, Math. Proceedings of the Royal Irish Academy 116A (2016), 35-44, @2016

74. **Iliev I.D.** The cyclicity of the period annulus of the quadratic Hamiltonian triangle. J. Differential Equations, 128, 1, Academic Press; Elsevier, 1996, ISSN:0022-0396, DOI:10.1006/jdeq.1996.0097, 309-326. ISI IF:0.614

Цумура се в:

177. Yanqin Xiong, Maoan Han, Dongmei Xiao, Limit cycle bifurcations by perturbing a quadratic integrable system with a triangle, J. Differential Equations 260 (2016), no. 5, 4473--4498. Available online 28 November 2015. IF 1.680 (2014), @2016

178. Jean-Pierre Francoise, Lubomir Gavrilov, Dongmei Xiao, Hilbert's 16th problem on a period annulus and Nash space of arcs, Preprint arXiv:1610.07582v1 [math.DS], 24 Oct 2016, 23 pp., @2016

75. **Iliev I.D.** Higher-order Melnikov functions for degenerate cubic Hamiltonians. Adv. Differential Equations, 1, 4, Khayyam Publishing Company, Inc., 1996, ISSN:1079-9389, 689-708. ISI IF:0.763

Цумура се в:

179. Yanqin Xiong, Maoan Han, Dongmei Xiao, Limit cycle bifurcations by perturbing a quadratic integrable system with a triangle, J. Differential Equations 260 (2016), no. 5, 4473--4498. Available online 28 November 2015. IF 1.680 (2014), @2016

180. Jean-Pierre Francoise, Lubomir Gavrilov, Dongmei Xiao, Hilbert's 16th problem on a period annulus and Nash space of arcs, Preprint arXiv:1610.07582v1 [math.DS], 24 Oct 2016, 23 pp., @2016

---

1997

---

76. Corblin, F., **Derzhanski, I.** Multiple negation, optional arguments and the reification of eventualities. Empirical Issues in Formal Syntax and Semantics: Selected Papers from the Colloque de Syntaxe et de Sémantique de Paris (CSSP 95), Bern: Peter Lang, 1997, ISBN:9783906757735, 219-242

Цумура се в:

181. Larrivée, Pierre. "The markedness of double negation." Negation and polarity: Experimental perspectives. Springer International Publishing, 2016. 177-198., @2016

77. Dion, J.- P., **Yanev, N. M.** Limit theorems and estimation theory for branching processes with an increasing random number of ancestors. J. of Applied Probability, 34, 2, 1997, 309-327. ISI IF:0.387

Цумура се в:

182. P. Kern. A General Multiparameter Version of Gnedenko's Transfer Theorem Article Data.

- 78. Kiryakova, V.,** B. Al-Saqabi. Transmutation methods for solving Erdelyi-Kober fractional differintegral equations. *J. Mathematical Analysis and Applications*, 211, 1, Elsevier, 1997, ISSN:0022-247X, DOI:10.1006/jmaa.1997.5469, 347-364. SJR:1.206, ISI IF:0.339

Цитира се в:

- 183.** Caballero, J. , Darwish, M.A., Sadarangani, K., A perturbed quadratic equation involving Erdélyi–Kober fractional integral \\\ *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matemáticas*, 110, No 2, pp. 541-555, @2016
- 184.** Płociniczak, Ł., Diffusivity identification in a nonlinear time-fractional diffusion equation \\\ *Fractional Calculus and Applied Analysis*, 19, No 4, pp. 843-866, @2016
- 185.** Darwish, M.A., On Erdélyi-Kober fractional Urysohn-Volterra quadratic integral equations \\\ *Applied Mathematics and Computation*, 273, pp. 562-569, @2016
- 79. Bazhlekov, I,** Shopov, P. Numerical simulation of dynamic contact-line problems. *Journal of Fluid Mechanics*, 352, 1997, 113-133. ISI IF:2.514

Цитира се в:

- 186.** Tan, H., Diddens, C., Lv, P., Kuerten, J.G.M., Zhang, X., Lohse, D. Evaporation-Triggered microdroplet nucleation and the four life phases of an evaporating Ouzo drop (2016) *Proceedings of the National Academy of Sciences of the United States of America*, 113 (31), pp. 8642-8647., @2016
- 80. Revalski J.P.** Hadamard and strong well-posedness for convex programs. *SIAM J. Optimization*, 7, 1997, 519-526. ISI IF:1.202

Цитира се в:

- 187.** J.C. Yao and X.Y. Zheng, Error bound and well-posedness with respect to an admissible function, *Applicable Analysis: An International Journal*, Volume 95, issue 5, 2016, 1070–1087, DOI:10.1080/00036811.2015.1051474. ISSN 0003-6811 (Print), 1563-504X (Online) IF:0.803 (for 2014), @2016
- 188.** X.Y. Zheng and J.Zhu, Generalized Metric Subregularity and Regularity with Respect to an Admissible Function, *SIAM Journal on Optimization* Vol. 26, Issue 1 (2016), 535–563., @2016
- 81. Kiryakova, V.** All the special functions are fractional differintegrals of elementary functions. *J. Physics A: Mathematical and General*, 30, 14, IOP Science, 1997, ISSN:1751-8113, 1751-8121, DOI:10.1088/0305-4470/30/14/019, 5085-5103. ISI IF:1.48

Цитира се в:

- 189.** Nisar, K.S., Baleanu, D., Qurashi, M.M., Fractional calculus and application of generalized Struve function \\\ *SpringerPlus*, 5, No 1, Article No 910, @2016
- 190.** Anastassiou, G.A., The most general fractional representation formula for functions and consequences \\\ *Studies in Computational Intelligence*, 607, pp. 391-399, @2016
- 191.** Nisar, K.S., Mondal, S.R., Agarwal, P., Composition Formulas of Bessel-Struve Kernel Function \\\ *Mathematical Problems in Engineering*, 2016, Article No 9560346, @2016
- 192.** Agarwal, P., Fractional calculus operators and their image formulas \\\ *Journal of the Korean Mathematical Society*, 53, No 5, pp. 1183-1210, @2016

82. Stoeva, M., **Popova, E. D.** A Taxonomic study of Carex sect. haestoglochin and sect. Stellulatae (Cyperaceae) in Bulgaria. *Bocconeia*, 5, 1997, ISSN:1471-2237, 787-796

Цитира се в:

193. Jagodziński, A., Janyszek, M., Janyszek, S., Wrońska-Pilarek, D., Grzelak, M., Variability of the inflorescence morphology of Carex spicata (Cyperaceae) and its implication to taxonomy, *Nordic Journal of Botany*, 2016, 1756-1051., @2016

---

1998

---

83. **Pericliev, V. & Valdes-Perez, R.** Automatic componential analysis of kinship semantics with a proposed structural solution to the problem of multiple models. *Anthropological Linguistics*, 4, 2, Indiana University, 1998, ISSN:0003-5483, 272-317

Цитира се в:

194. Estaji, Azam. 2016. Checking kinship terminology in Persian. Year. 7, no. 13, (1394): *Journal of linguistics and dialects*, Khorasan, @2016
195. Георгиева, Цв. Родството и роднинските названия в българския език (семантика и лексикографско представяне). София, "Авангард Прима", 2016. 214 с. ISBN 978-619-160-712-9, @2016
196. Димитрова, Л. 2016. Компютърната лингвистика в ИМИ – история, проекти и резултати. Национална конференция по информатика, посветена на 80 г. от рождението на професор Петър Бърнев. 39-57., @2016

84. **Dimitar P. Guelev.** Probabilistic Interval Temporal Logic. UNU/IIST Technical Report, 144, 1998

Цитира се в:

197. Bader Alouffi, Run Time verification of Hybrid Systems, Ph.D Thesis, Software Technology Research Laboratory, De Montfort University, Leicester - United Kingdom, 201 pp., @2016

85. **Kiryakova, V., B. Al-Saqabi.** Explicit solutions of fractional integral and differential equations, involving Erdelyi-Kober operators. *Applied Mathematics and Computation*, 95, 1, Elsevier, 1998, ISSN:ISSN: 0096-3003, DOI:10.1016/S0096-3003(97)10095-9, 1-13. ISI IF:0.248

Цитира се в:

198. Xu, R. , Meng, F., Some new weakly singular integral inequalities and their applications to fractional differential equations \ \ *Journal of Inequalities and Applications*, 2016, No 1, pp. 1-6, Article No 78, @2016
199. Płociniczak, Ł., Diffusivity identification in a nonlinear time-fractional diffusion equation \ \ *Fractional Calculus and Applied Analysis*, 19, No 4, pp. 843-866, @2016

86. **Bazhlekova, E.** The abstract Cauchy problem for fractional evolution equation.. *Fract. Calc. Appl. Anal.*, 1, 3, 1998, 255-270

Цитира се в:

200. M. Japundzic, D. Rajter-Ciric, Generalized uniformly continuous solution operators and inhomogeneous fractional evolution equations with variable coefficients *Proceedings of ICFDA'16*, Novi Sad, Serbia, Serbian Society of Mechanics and Faculty of Technical Sciences

Novi Sad, 2016, ISBN:ISBN 978-86-7892-830, pp. 742-744, @2016

201. Dang DT, E Nane, DM Nguyen, NH Tuan, Continuity of solutions of a class of fractional equations, arXiv preprint arXiv:1611.03581, 2016, @2016
202. Keyantuo, Valentin, Carlos Lizama, and Mahamadi Warma. "Existence, regularity and representation of solutions of time fractional diffusion equations." *Advances in Differential Equations* 21.9/10 (2016): 837-886., @2016
203. Emamirad H., Rougirel A., Solution operators of three time variables for fractional linear problems, *Math. Meth. Appl. Sci.* 2016, DOI: 10.1002/mma.4079, @2016
87. **Dimitrova, L.**, Ide, I., Petkevic, V., Erjavec, T., Kaalep, H.J., Tufis, D.. Multext-east: Parallel and comparable corpora and lexicons for six central and eastern european languages. *Proceedings of the 17th International Conference on Computational Linguistics – Vol. 1 (COLING '98) and 36th Annual Meeting of the Association for Computational Linguistics*, Ed. by Christian Boitet, Montréal, Québec, Canada, 1, Published by ACL, Stroudsburg, PA, USA ©1998, 1998, DOI:10.3115/980451.980897, 315-319

Цитира се в:

204. Xu, M. Yong (2016). Confidence Measures for Alignment and for Machine Translation. (Mesures de Confiance pour l'Alignement et pour la Traduction Automatique. THÈSE DE DOCTORAT DE L'UNIVERSITE PARIS-SACLAY) Diss. University Paris-Saclay., @2016
205. Селегей, Д., Шаврина, Т., Селегей, В., Шаров, С. (2016) Автоматическая морфологическая разметка корпусов русскоязычных социальных медиа: обучение и оценка качества (Selegey D., Shavrina T., Selegey V., Sharoff S. Automatic morphological tagging of Russian social media corpora: training and testing). *Компьютерная лингвистика и интеллектуальные технологии: по материалам международной конференции "Диалог 21"*, Москва, 1–4 июня, 2016, @2016
206. Vicic, J., Homola, P. and Kubon, V., 2016. AUTOMATED IMPLEMENTATION PROCESS OF A MACHINE TRANSLATION SYSTEM FOR RELATED LANGUAGES. *Computing and Informatics*, 35(2), pp.441-469, @2016
88. **N. Kyurkchiev.** Initial approximation and root finding methods. WILEY-VCH Verlag Berlin GmbH, 104, 1998, ISBN:0138-3019

Цитира се в:

207. P. Proinov, M. Vasileva, On a family of Weierstrass-type root-finding methods with accelerated convergence, *Appl. Math. and Computation*, 2016, vol. 273, 957-968; IF = 1.551; DOI: 10.1016/j.amc.2015.10.048  
<http://www.sciencedirect.com/science/article/pii/S0096300315013995>, @2016
208. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен "доктор", Пловдивски Университет "Паисий Хилендарски", Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016
209. P. Proinov, General convergence theorems for iterative processes and applications to the Weierstrass root-finding method, *J. Complexity*, 33, 2016, 118-144; IF = 1.5; <http://www.sciencedirect.com/science/article/pii/S0885064X15001041>, @2016
210. J. L. Garcia Zapata, Metodos geometrices para aproximar raices de polinomios, con aplicaciones a precesamiento de senal, Tesis Doctoral, Universidad de Extremadura, 2016, [http://dehesa.unex.es/bitstream/handle/10662/3658/TDUEX\\_2015\\_Garcia\\_Zapata.pdf?sequence=1](http://dehesa.unex.es/bitstream/handle/10662/3658/TDUEX_2015_Garcia_Zapata.pdf?sequence=1), @2016

211. H. Liu, Pavement materials for heat Island mitigation: design and strategies, Elsevier Inc., 2016; ISBN:978-0-12-803476-7 [https://books.google.bg/books?hl=en&lr=&id=g0-2BgAAQBAJ&oi=fnd&pg=PP1&dq=H.+Liu,+Pavement+materials+for+heat+Island+mitigation:+design+and+strategies,+Elsevier+Inc.,+2016&ots=YuTWC2J3ER&sig=CrqlXPvzxh3kZ8kYKZHMARnbA7Q&redir\\_esc=y#v=onepage&q&f=false](https://books.google.bg/books?hl=en&lr=&id=g0-2BgAAQBAJ&oi=fnd&pg=PP1&dq=H.+Liu,+Pavement+materials+for+heat+Island+mitigation:+design+and+strategies,+Elsevier+Inc.,+2016&ots=YuTWC2J3ER&sig=CrqlXPvzxh3kZ8kYKZHMARnbA7Q&redir_esc=y#v=onepage&q&f=false), @2016
212. S. Graillat, F. Jezequel, M. Ibrahim, Dynamical control of Newton's method for multiple roots of polynomials, 2016, 20pp., ; <https://hal.archives-ouvertes.fr/hal-01363961/document>, @2016
213. V. Kyncheva, V. Yotov, S. Ivanov, Convergence of Newton, Halley and Chebyshev iterative methods as methods for simultaneous determination of multiple zeros, Applied Numerical Mathematics, 2016, IF = 1.414; <http://www.sciencedirect.com/science/article/pii/S0168927416302148>, @2016
89. Drensky, V.. Gelfand-Kirillov dimension of PI-algebras. in "Methods in Ring Theory, Proc. of the Trento Conf.", Lect. Notes in Pure and Appl. Math., 198, 1998, 97-113

Цумура се в:

214. L. Centrone, M. da Silva Souza, On the growth of graded polynomial identities of  $sl_n$ , Linear and Multilinear Algebra, Published online: 29 June 2016, <http://dx.doi.org/10.1080/03081087.2016.1202185>., @2016
215. L. Centrone, V.R.T. da Silva, A note on graded polynomial identities for tensor products by the Grassmann algebra in positive characteristic, Internat. J. Algebra Comput. 26 (2016), No. 6, 1125-1140., @2016
90. Kiryakova, V., M. Saigo, H.M. Srivastava. Some criteria for univalence of analytic functions involving generalized fractional calculus. Fractional Calculus and Applied Analysis, 1, 1, IMI-BAS, 1998, ISSN:1311-0454, 79-104

Цумура се в:

216. Nagdy, A.S., Mohammed, A.B., Numerical solution of abel integral equations of first kind by using fractional calculus \ Journal of Computational and Theoretical Nanoscience, 10, No 3, pp. 1053-1059, @2016
217. Kiliçman, A., Ibrahim, R.W., Abdalnaby, Z.E., On a generalized fractional integral operator in a complex domain \ Applied Mathematics and Information Sciences, 10, No 3, pp. 1053-1059, @2016
91. Kiryakova, V.. A long standing conjecture failed?., Transform Methods & Special Functions, Varna' 96 (Proc. 2nd Internat. Workshop), 1996, IMI- BAS, 1998, ISBN:954-8986-05-1, 584-593

Цумура се в:

218. Tarasov, V.E., Geometric interpretation of fractional-order derivative \ Fractional Calculus and Applied Analysis, 19, No 5, pp. 1200-1221, @2016
92. Kawohl B., Kutev N.. Strong maximum principle for semicontinuous viscosity solutions of nonlinear partial differential equations. Archiv der Mathematik, 70, 6, 1998, 470-478. ISI IF:0.462

Цумура се в:

219. Robin Ming Chen, Qing Liu, A nonlinear parabolic equation with discontinuity in the highest order and applications, Journal of Differential Equations, Volume 260, Issue 2, 15 January 2016, Pages 1200-1227, ISSN 0022-0396, <http://dx.doi.org/10.1016/j.jde.2015.09.022>., @2016



93. Bouyuklieva S., **Bouyukliev I.** Extremal self-dual codes with an automorphism of order 2. IEEE Transactions on Information Theory 44 (1), 323-328, 44, 4, IEEE, 1998, ISSN:0018-9448, DOI:10.1109/18.651059, 323-328. SJR:3.75

Цумура се в:

220. Malloug, Mohamed. "Local energy decay for the damped Klein-Gordon equation in exterior domain." *Applicable Analysis* (2016): 1-14., @2016

94. Kawohl B., **Kutev N.** Maximum and comparison principle for one-dimensional anisotropic diffusion. *Math. Ann.*, 311, 1998, 107-123. ISI IF:0.587

Цумура се в:

221. Lianzhang Bao, Rui Huang, Interfacial phenomena of the forward backward convection–diffusion equations, *Applied Mathematics Letters*, Volume 58, August 2016, Pages 140-144, ISSN 0893-9659, <http://dx.doi.org/10.1016/j.aml.2016.02.013>, @2016

95. **Raikov, G. D.** Eigenvalue asymptotics for the Schrodinger operator in strong constant magnetic fields. *Communications in Partial Differential Equations*, 23, 9-10, Taylor and Francis, 1998, ISSN:0360-5302, DOI:<http://dx.doi.org/10.1080/03605309808821395>, 1583-1620. ISI IF:1.444

Цумура се в:

222. V. Ivrii, 100 years of Weyls law, *Bull. Math. Sci.* 6 (2016), 379-452., @2016

96. **Gateva-Ivanova, T.**, Van den Bergh, Michel. Semigroups of I-type. *J. Algebra*, 206, Elsevier, 1998, ISSN:ISSN: 0021-8693, 97-112. ISI IF:0.422

Цумура се в:

223. F Cedo, E Jespers, J Okninski, Nilpotent groups of class three and braces, *Publicacions Matematiques*, 60 (2016), 55-79 ISSN: 0210-2978 print, 2014-4369 online, @2016

97. **Baicheva, T., Stefan Dodunekov, Peter Kazakov.** On the cyclic redundancy-check codes with 8-bit redundancy. *Computer Communications*, 21, 11, Elsevier, 1998, ISSN:0140-3664, DOI:10.1016/S0140-3664(98)00165-0, 1030-1033. SJR:1.47, ISI IF:0.167

Цумура се в:

224. Ali Naqi Mirza, Analyzing error detection performance of checksums in embedded networks, MS Thesis, Strathmore University, 2016, @2016

225. Funktionelle Diversität mit asymmetrisch angeordnetem Vergleich und ihr Einsatz zur Lenkwinkelerfassung, @2016

98. **Drensky, V.**, Yu, J.-T.. Orbits in free algebras of rank two. *Commun. Algebra*, 26, 1998, 2977-2985. ISI IF:0.242

Цумура се в:

226. C. Eskal, N. Ekici, Test elements of direct sums and free products of free Lie algebras, *Proc. Indian Acad. Sci., Math. Sci.* 126 (2016), No. 1, 43-48., @2016

99. **Bouyukliev I.**, Bouyuklieva S.. Some new extremal self-dual codes with lengths 44, 50, 54, and 58. *IEEE Transactions Information Theory*, 44, 2, IEEE, 1998, ISSN:0018-9448, DOI:10.1109/18.661526, 806-812. SJR:3.75

Цитира се в:

227. Malloug, Mohamed. "Local energy decay for the damped Klein-Gordon equation in exterior domain." *Applicable Analysis* (2016): 1-14., @2016
100. Horozov E., I.D. Iliev. Linear estimate for the number of zeros of Abelian integrals with cubic Hamiltonians. *Nonlinearity*, 11, 6, IOP Publishing; London Math. Society Publishing, 1998, ISSN:0951-7715, DOI:10.1088/0951-7715/11/6/006, 1521-1537. ISI IF:1.401

Цитира се в:

228. Yun Tian, Pei Yu, Bifurcation of ten small-amplitude limit cycles by perturbing a quadratic Hamiltonian system with cubic polynomials, *J. Differential Equations* 260 (2016), no. 2, 971--990. IF 1.680 (2014), @2016
229. Sergey Malev, Dmitry Novikov, Linear estimate for the number of zeros of Abelian integrals, *Qualitative Theory of Dynam. Syst.* [to appear], 8 pp. First online: 16 September 2016. IF 0.766 (2014) [Preprint arXiv:math.DG/0903.5056v1 (29 March 2009)], @2016
230. Xianbo Sun, Perturbation of a period annulus bounded by a heteroclinic loop connecting two hyperbolic saddles, *Qualitative Theory of Dynam. Syst.* [to appear], 17 pp. First online: 11 January 2016. IF 0.766 (2014), @2016
231. Jihua Yang, Liqin Zhao, Zeros of Abelian integrals for a quartic Hamiltonian with figure-of-eight loop through a nilpotent saddle, *Nonlinear Analysis: Real World Applications* 27 (Feb 2016), 350-365. IF 2.519 (2014), @2016
101. Iliev I.D.. On second order bifurcations of limit cycles. *J. London Math. Soc.*, 58, 2, Oxford University Press, 1998, ISSN:0024-6107, 353-366. ISI IF:0.406

Цитира се в:

232. Bassem Ben Hamed, Ameni Gargouri, Lubomir Gavrilov, Cubic Perturbations of Symmetric elliptic Hamiltonians of degree four in a Complex domain, arXiv:1603.07520 [math.DS] (2016), 17 pp., @2016
233. Ameni Gargouri, On the perturbations theory of the Duffing oscillator in a complex domain, Ph.D. Thesis (10 December 2015), Faculty of Sciences, Sfax University, Tunisia, and Institut de Mathématiques de Toulouse, Paul Sabatier University, France (2016), 92 pp., @2016
102. Iliev I.D.. Perturbations of quadratic centers. *Bull. Sci. Math.*, 122, 2, Elsevier, 1998, ISSN:0007-4497, DOI:10.1016/S0007-4497(98)80080-8, 107-161. ISI IF:0.348

Цитира се в:

234. Sergey Malev, Dmitry Novikov, Linear estimate for the number of zeros of Abelian integrals, *Qualitative Theory of Dynam. Syst.* [to appear], 8 pp. First online: 16 September 2016. IF 0.766 (2014) [Preprint arXiv:math.DG/0903.5056v1 (29 March 2009)], @2016
235. Liliana Puchuri, Orestes Bueno, On the classification of elliptic foliations induced by real quadratic fields with center, *J. Differential Equations* 261 (2016), no. 12, 7157--7193. Available online 21 September 2016. IF 1.821 (2015), @2016
236. Jean-Pierre Francoise, Lubomir Gavrilov, Dongmei Xiao, Hilbert's 16th problem on a period annulus and Nash space of arcs, Preprint arXiv:1610.07582v1 [math.DS], 24 Oct 2016, 23 pp., @2016
237. Ognyan Christov, Algebraic, Analytic and Geometric Studies on Some Finite and Infinite Dimensional Hamiltonian Systems, Dissertation submitted for the degree "Doctor of Science",

---

1999

---

- 103. Dimitar P. Guelev.** A propositional dynamic logic with qualitative probabilities. Journal of Philosophical Logic, 28, 6, Springer, 1999, ISSN:ISSN: 0022-3611 (Print) 1573-0433 (Online), DOI:10.1023/A:1004602621885, 575-605. SJR:0.704

Цитира се в:

- 238.** Zoran Ognjanovic, Miodrag Raskovic, Zoran Markovic, Probability Logics - Probability-Based Formalization of Uncertain Reasoning, Springer, 2016, doi 10.1007/978-3-319-47012-2, isbn 978-3-319-47011-5, @2016

- 104. Valdes-Perez, R. & Pericliev, V..** Computer enumeration of significant implicational universals of kinship terminology. Cross-Cultural Research, 33, 2, Sage, 1999, ISSN:1069-3971, 162-174. ISI IF:0.641

Цитира се в:

- 239.** Levels, S. & Frames, T. 2016. The forms, levels and depth of universals. In: Our Common Denominator., @2016

- 105. Kiryakova, V..** Multiindex Mittag-Leffler functions, related Gelfond-Leontiev operators and Laplace type transforms. Fractional Calculus and Applied Analysis, 2, 4, ИМИ - БАН, 1999, ISSN:1311-0454, 445-462

Цитира се в:

- 240.** Herrmann, R., Generalization of the fractional poisson distribution \ \ Fractional Calculus and Applied Analysis, 19, No 4, pp. 832-842, @2016

- 241.** Zaman, S.F., Baleanu, D., Petras, I., Measurement of para-xylene diffusivity in zeolites and analyzing desorption curves using the Mittag-Leffler function \ \ Fractional Calculus and Applied Analysis, 19, No 2, pp. 551-560, @2016

- 106. Revalski J.P.,** Thera M.. Variational and extended sums of monotone operators. Lecture Notes in Economics and Mathematical Systems, 477, Springer-Verlag, 1999, 229-246

Цитира се в:

- 242.** O. Bueno, Y. Garcia and M. Marques Alves, Lower Limits of Type (D) Monotone Operators in general Banach Spaces, J. Convex Anal., Volume, 23, Issue, 2, 2016, 333 345., @2016

- 107. Revalski J.P.,** Thera M.. 28. Generalized sums of monotone operators. 329, Compt. Rend. Acad. Sci., Paris, 1999, 979-984

Цитира се в:

- 243.** O. Bueno, Y. Garcia and M. Marques Alves, Lower Limits of Type (D) Monotone Operators in general Banach Spaces, J. Convex Anal., Volume, 23, Issue, 2, 2016, 333 345., @2016

- 108. Raikov, G. D..** Eigenvalue asymptotics for the Pauli operator in strong nonconstant magnetic fields. Annales de l'Institut Fourier, 49, 5, CEDRAM, 1999, ISSN:0373-0956, DOI:10.5802/aif.1731, 1603-1636. ISI IF:0.494

Цитира се в:

244. V. Ivrii, 100 years of Weyls law, Bull. Math. Sci. 6 (2016), 379-452., @2016

109. **Markov, S.** An iterative method for algebraic solution to interval equations. Applied Numerical Mathematics, 30, 2, Elsevier, 1999, ISSN:0168-9274, 225-239. SJR:1.268, ISI IF:1.221

Цитирана се е:

245. Zieniuk, E., Kapturczak, M., Kuzelewski, A., Solving interval systems of equations obtained during the numerical solution of boundary value problems, Computational and Applied Mathematics, 35 (2), pp. 629 – 638, 2016., @2016

110. **Iliev I.D.** The number of limit cycles due to polynomial perturbations of the harmonic oscillator. Math. Proc. Cambridge Philos. Soc., 127, 2, Cambridge University Press, 1999, ISSN:0305-0041, 317-322. ISI IF:0.444

Цитирана се е:

246. Pedro Toniol Cardin, Joan Torregrosa, Limit cycles in planar piecewise linear differential systems with nonregular separation line, Physica D: Nonlinear Phenomena 337 (2016), 67--82. IF 1.579 (2015), @2016

247. Salomon Rebollo-Perdomo, Poincare--Pontryagin--Melnikov functions for a class of perturbed planar Hamiltonian equations, Qual. Theory Dynam. Syst. [to appear], 26 pp. First online: 07 January 2016. IF 0.766 (2014), @2016

111. **Iliev I.D., L. M. Perko.** Higher order bifurcations of limit cycles. J. Differential Equations, 154, 2, Academic Press; Elsevier, 1999, ISSN:0022-0396, DOI:10.1006/jdeq.1998.3549, 339-363. ISI IF:0.784

Цитирана се е:

248. Bassem Ben Hamed, Ameni Gargouri, Lubomir Gavrilov, Cubic Perturbations of Symmetric elliptic Hamiltonians of degree four in a Complex domain, arXiv:1603.07520 [math.DS] (24 March 2016), 17 pp., @2016

249. Armengol Gasull, Anna Geyer, Francesc Mañosas, On the number of limit cycles for perturbed pendulum equations, J. Differential Equations 261 (2016), no. 3, 2141-2167. IF 1.821 (2015), @2016

250. Ameni Gargouri, On the perturbations theory of the Duffing oscillator in a complex domain, Ph.D. Thesis (10 December 2015), Faculty of Sciences, Sfax University, Tunisia, and Institut de Mathématiques de Toulouse, Paul Sabatier University, France (2016), 92 pp., @2016

251. Kuilin Wu, Shimin Li, Limit cycles for perturbing Hamiltonian system inside piecewise smooth polynomial differential system, Advances in Difference Equations (2016) 2016:228; DOI 10.1186/s13662-016-0957-5, 8 pp. IF 0.297 (2015), @2016

252. Maoan Han , Valery G. Romanovski, Xiang Zhang, Equivalence of the Melnikov Function Method and the Averaging Method, Qualitative Theory of Dynamical Systems 15 (2016), no. 2, 471--479. IF 0.717 (2015) [First online: 24 November 2015], 9 pp., @2016

253. Pedro Toniol Cardin, Joan Torregrosa, Limit cycles in planar piecewise linear differential systems with nonregular separation line, Physica D: Nonlinear Phenomena 337 (2016), 67--82. IF 1.579 (2015), @2016

112. M. G. de Bruin, **Ivanov K.G.**, Sharma A.. A Conjecture of Schoenberg. Journal of Inequalities and Applications, 4, Springer, 1999, ISSN:1025-5834, DOI:10.1155/S1025583499000363, 183-213. ISI IF:0.879

Цитирана се е:

254. Kushel, Olga; Tyaglov, Mikhail, Circulants and critical points of polynomials, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, Volume: 439, Issue: 2, 2016, Pages: 634-650, DOI: 10.1016/j.jmaa.2016.03.005, @2016
113. Iarrobino A., Kanev V.. Power sums, Gorenstein algebras, and determinantal loci. Lecture Notes in Mathematics, 1721, Springer, 1999, ISBN:978-3-540-66766-7, DOI:10.1007/BFb0093426, 377

Цитирана се в:

255. Blekherman, Grigoriy ; Sinn, Rainer . Real rank with respect to varieties. Linear Algebra Appl. 505 (2016), 344—360., @2016
256. Brachat, Jérôme ; Lella, Paolo ; Mourrain, Bernard ; Roggero, Margherita . Extensors and the Hilbert scheme. Ann. Sc. Norm. Super. Pisa Cl. Sci. (5) 16 (2016), no. 1, 65—96., @2016
257. Carlini, Enrico ; Catalisano, Maria Virginia ; Geramita, Anthony V. On the Hilbert function of lines union one non-reduced point. Ann. Sc. Norm. Super. Pisa Cl. Sci. (5) 15 (2016), 69—84., @2016
258. Chiantini, Luca ; Miró-Roig, Rosa M. Arithmetically Cohen-Macaulay bundles and sets of points on general surfaces. J. Algebra 451 (2016), 268—292., @2016
259. Daleo, N. S. , Hauenstein J. D. , Numerically deciding the arithmetically Cohen–Macaulayness of a projective scheme, Journal of Symbolic Computation, Volume 72, January–February 2016, Pages 128–146, 2015 – Elsevier., @2016
260. De Paris, Alessandro . The asymptotic leading term for maximum rank of ternary forms of a given degree. Linear Algebra Appl. 500 (2016), 15—29., @2016
261. Dellaca, Roger . Gotzmann regularity for globally generated coherent sheaves. J. Pure Appl. Algebra 220 (2016), no. 4, 1576--1587., @2016
262. Elias, Juan . On the canonical ideals of one-dimensional Cohen-Macaulay local rings. Proc. Edinb. Math. Soc. (2) 59 (2016), no. 1, 77--90., @2016
263. Geramita, Anthony V. ; Hoefel, Andrew H. ; Wehlau, David L. Hilbert functions of  $S_n$ -stable artinian Gorenstein algebras. J. Algebra 458 (2016), 53—70., @2016
264. Hwangrae Lee, , Bernd Sturmfels, Duality of multiple root loci, Journal of Algebra Volume 446, 15 January 2016, Pages 499–526., @2016
265. Isaev, A. V. A criterion for isomorphism of Artinian Gorenstein algebras. J. Commut. Algebra 8 (2016), no. 1, 89--111., @2016
266. Lee, Hwangrae ; Sturmfels, Bernd . Duality of multiple root loci. J. Algebra 446 (2016), 499—526., @2016
267. Miró-Roig, Rosa M. Harbourne, Schenck and Seceleanu's conjecture. J. Algebra 462 (2016), 54—66., @2016

---

**2000**

---

114. Petkov, M., Kyurkchiev, N.. Числени методи за решаване на нелинейни уравнения. Университетско Издателство “Св. Климент Охридски”, 2000

Цитирана се в:

268. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на

115. Pismen, L.M., Rubinstein, B.Y, **Bazhlevkov, I.** Spreading of a wetting film under the action of van der Waals forces. *Physics of Fluids*, 12, 3, American Institute of Physics, 2000, ISSN:10706631, DOI:doi.org/10.1063/1.870253, 480-489. SJR:0.76, ISI IF:2.03

Цитира се в:

269. Diez, J.A., González, A.G. Breakup of Thin Liquid Filaments on Partially Wetting Substrates: from Micrometric to Nanometric Scales (2016) *Brazilian Journal of Physics*, 46 (2), pp. 225-237., @2016
116. Black SE, DC Yu, SD Moffat, **P Stanchev**, J Parker, M Bronskill. Callosal atrophy correlates with temporal lobe volume and mental status in Alzheimer's disease. *The Canadian Journal of Neurological Sciences*, 27, 3, 2000, 204-209

Цитира се в:

270. Yang, Z., Wen, W., Jiang, J., D Crawford, J., Reppermund, S., Levitan, C., J Slavin, M., A Kochan, N., L Richmond, R., Brodaty, H. and N Trollor, J., 2016. Structural MRI Biomarkers of Mild Cognitive Impairment from Young Elders to Centenarians. *Current Alzheimer Research*, 13(3), pp.256-267., @2016
117. **Bazhlevkova, E.** Subordination principle for fractional evolution equations.. *Fract.Calc.Appl.Anal.*, 3, 3, 2000, 213-230

Цитира се в:

271. Orsingher, E., Ricciuti, C., Toaldo, B. Time-Inhomogeneous Jump Processes and Variable Order Operators (2016) *Potential Analysis*, 45 (3), pp. 435-461., @2016
272. Keyantuo, Valentin, Carlos Lizama, and Mahamadi Warma. "Existence, regularity and representation of solutions of time fractional diffusion equations." *Advances in Differential Equations* 21.9/10 (2016): 837-886., @2016
273. Kochubei, Anatoly N., and Yuri Kondratiev. "Fractional kinetic hierarchies and intermittency." *arXiv preprint arXiv:1604.03807* (2016)., @2016
274. Fan, Zhenbin, Qixiang Dong, and Gang Li. "Approximate controllability for semilinear composite fractional relaxation equations." *Fractional Calculus and Applied Analysis* 19.1 (2016): 267-284., @2016
275. da Silva, José Luís, Anatoly N. Kochubei, and Yuri Kondratiev. "Fractional statistical dynamics and fractional kinetics." *arXiv preprint arXiv:1604.03816* (2016)., @2016
276. Bonaccorsi, Stefano, Mirko D'Ovidio, and Sonia Mazzucchi. "Probabilistic representation formula for the solution of fractional high order heat-type equations." *arXiv preprint arXiv:1611.03364* (2016)., @2016
277. Goufo, Doungmo E.F., Kamga Pene, M., Mugisha, S. Stability analysis of epidemic models of Ebola hemorrhagic fever with non-linear transmission (2016) *Journal of Nonlinear Science and Applications*, 9 (6), pp. 4191-4205., @2016
278. GOUFO, Emile Franc DOUNGMO. "Evolution equations with a parameter and application to transport-convection differential equations." *Turkish Journal of Mathematics* · January 2016, DOI: 10.3906/mat-1603-107, @2016

118. **Bazhlekov, I.B.**, Chesters, A.K., F. N. Van de Vosse. The effect of the dispersed to continuous-phase viscosity ratio on film drainage between interacting drops.. International journal of multiphase flow, 26, 3, 2000, 445-466

Цумура се в:

279. Brik, M., Ruscassie, R., Saboni, A. Droplet deformation and coalescence under uniform electric field (2016) Journal of Chemical Technology and Metallurgy, 51 (6), pp. 649-659., @2016
280. Frostad, John M., Alexandra Paul, and L. Gary Leal. "Coalescence of droplets due to a constant force interaction in a quiescent viscous fluid." Physical Review Fluids 1.3 (2016): 033904., @2016

119. **Drensky, V.**. Free Algebras and PI-Algebras. Springer-Verlag, Singapore, 2000, 283

Цумура се в:

281. L. Cioletti, J. A. Freitas, D. J. Gonçalves, Polynomial identities of Banach algebras, preprint. Beitr\''age zur Algebra und Geometrie / Contributions to Algebra and Geometry, First Online: 14 January 2016, DOI: 10.1007/s13366-016-0281-y., @2016
282. A. Giambruno, A. Ioppolo, F. Martino, Standard polynomials and matrices with superinvolutions, Linear Algebra and its Applications 504 (2016), 272-291., @2016
283. J. Szigeti, J. van den Berg, L. van Wyk, M. Ziemkowski, The maximum dimension of a Lie nilpotent subalgebra of  $M_n(F)$  of index  $m$ , arXiv: 1608.04562v1 [math.RA]., @2016
284. D. La Mattina, F. Martino, Polynomial growth and star-varieties, J. Pure and Applied Algebra 220 (2016), 246-262., @2016
285. D.J. Gonçalves, W. Sch\''utzer, H.L. Talpo, On ideals that are closed under continuous endomorphisms, Commun. Algebra 44 (2016), No. 6, 2583-2591., @2016
286. D.J. Gonçalves, W. Sch\''utzer, H.L. Talpo, A-identities for the  $2 \times 2$  matrix algebra, Archiv der Mathematik, 106 (2016), No. 5, 417-429., @2016
287. G. Pastuszak, T. Kamizawa, A. Jamiolkowski, On a criterion for simultaneous block-diagonalization of normal matrices, Open Syst. Inf. Dyn. 23 (2016), No. 1, 1650003, 12 pp., @2016
288. D. La Mattina, On algebras of polynomial codimension growth, S\''o Paulo Journal of Mathematical Sciences, 10 (2016), No. 2, 312-320., @2016
289. F.G. de Paula, S.M. Alves, On the power of standard polynomial to  $M_{a,b}(E)$ , International Journal of Algebra 10 (2016), No. 4, 171-177. HIKARI Ltd, www.m-hikari.com, <http://dx.doi.org/10.12988/ija.2016.6214>, @2016
290. A. Ioppolo, D. La Mattina, Polynomial codimension growth of algebras with involutions and superinvolutions, J. Algebra, Available online 19 October 2016., @2016
291. L. Centrone, F. Martino, A note on cocharacter sequence of Jordan upper triangular matrix algebra, Communications in Algebra, Accepted author version posted online: 07 Oct. 2016., @2016
292. C. Procesi, The geometry of polynomial identities, Izvestiya: Mathematics 80 (2016), No. 5, 103-152., @2016
293. D. D. P. da Silva e Silva, T. C. de Mello, Graded identities of block-triangular matrices, J. Algebra 464 (2016), 246-265., @2016
294. A. Regev, Growth for the central polynomials, Comm. Algebra 44 (2016), No. 10, 4411-4421.,

**@2016**

- 295.** A. Giambruno, R. B. Dos Santos, A. C. Vieira, Identities of  $\ast$ -superalgebras and almost polynomial growth, Linear and Multilinear Algebra, 64 (2016), No. 3, 484-501. DOI:10.1080/03081087.2015.1049933., @2016
- 296.** D. Repovš, M. Zaicev, Graded PI-exponents of simple Lie superalgebras, Ark. Mat. 54 (2016), No. 1, 147-156. DOI: 10.1007/s11512-015-0224-0., @2016
- 297.** I.Z. Monteiro Alves, V. Petrogradsky, Lie structure of truncated symmetric Poisson algebras, arXiv:1612.08051v1 [math.RA]., @2016

- 120. Bogdanova G..** New bounds for the maximum size of ternary constant weight codes. Serdica Mathematical Journal, 26, 1, 2000, 5-12

Цитира се в:

- 298.** Heng, Ziling, and Qin Yue. "Optimal linear codes, constant-weight codes and constant-composition codes over  $\mathbb{F}_q$ ." arXiv preprint arXiv:1605.04063 (2016), @2016

- 121. Dimovski, I., Kiryakova, V..** The Obrechhoff integral transform: Properties and relation to a generalized fractional calculus. Numerical Functional Analysis and Optimization, 21, 1-2, Taylor & Francis, Inc., 2000, ISSN:0163-0563 , 1532-2467, DOI:10.1080/01630560008816944, 121-144. ISI IF:0.313

Цитира се в:

- 299.** Mincheva-Kaminska, S., Convolutional approach to fractional calculus for distributions of several variables // Fractional Calculus and Applied Analysis, 19, No 2, pp. 441-462, @2016

- 122. Bazhlekov, I,** FN van de Vosse, AK Chesters. Drainage and rupture of a Newtonian film between two power-law liquid drops interacting under a constant force. Journal of non-newtonian fluid mechanics, 93, 2, 2000, 181-201. ISI IF:2.172

Цитира се в:

- 300.** Kamp, Johannes, Jörn Villwock, and Matthias Kraume. "Drop coalescence in technical liquid/liquid applications: a review on experimental techniques and modeling approaches." Reviews in Chemical Engineering (2016). DOI: 10.1515/revce-2015-0071, @2016

- 123. Kiryakova, V..** Multiple (multiindex) Mittag-Leffler functions and relations to generalized fractional calculus. J. Comput. Appl. Mathematics, 118, 1-2, Elsevier, 2000, ISSN:0377-0427, DOI:doi:10.1016/S0377-0427(00)00292-2, 241-259. SJR:1.104, ISI IF:0.455

Цитира се в:

- 301.** Garg M., Sharma A., Manohar P.: A generalized Mittag-Leffler type function with four parameters // Thai Journal of Mathematics, 14, No 3 (2016), pp. 637-649, @2016

- 302.** Agarwal, P., Fractional calculus operators and their image formulas // Journal of the Korean Mathematical Society, 53, No 5, pp. 1183-1210, @2016

- 303.** Attiya, A.A., Some applications of mittag-leffler function in the unit disk // Filomat, 30, No 7, pp. 2075-2081, @2016

- 304.** Gupta, R., Gairola, S., FOPID controller optimization employing PSO and TRSBF function // 2nd International Conference on Recent Advances in Engineering and Computational Sciences, RA ECS 2015, Article No 7453275 (2016), @2016

- 305.** Choi, J., Agarwal, P., A note on fractional integral operator associated with multiindex Mittag-



- 124. Ribarska, N.K.** On the property “countable cover by sets of small local diameter”. *Studia Mathematica*, 140, 2, 2000, 99-116. ISI IF:0.623

Цитира се в:

- 306.** S. Ferrari, L. Oncina, J. Orihuela, M. Raja, Metrization theory and the Kadec property, *Banach J. Math. Anal.*, volume 10, Number 2 (2016), 281-306., @2016

- 125. Е. Стоименова.** Измерителни качества на тестове. Нов Български университет, 2000, ISBN:954-8986-07-8, 176

Цитира се в:

- 307.** Dimiter Tsvetkov, Lyubomir Hristov, Ralitsa Angelova-Slavova (2016) One method to check the population homogeneity of a test, In: *Mathematics and Education in Mathematics*, Proc. 45-th Conf. of the Union of Bulgarian Mathematicians, 187-193., @2016

- 308.** Гергова, Д. (2016). Оценяването по чужди езици в българското училище. Докторска дисертация, Нов български университет, @2016

- 126. E. Stoimenova.** Rank tests based on exceeding observations. *Annals of the Institute of Statistical Mathematics*, 52, 2, Springer, 2000, DOI:10.1023/A:1004161721553, ISI IF:0.661

Цитира се в:

- 309.** Nikolov, N. Lee distance in two-sample rank tests. In S. Aivazian, P. Filzmoser, and Yu. Kharin, editors, *Computer Data Analysis and Modeling*, volume 2 (Contributed papers) of Proceedings of the 11-th Intern. Conf. Minsk, Minsk, 2016. pp 100-103, Publ. center of BSU., , @2016

- 127. Baicheva, T., Dodunekov, S., Kazakov, P.** Undetected error probability performance of cyclic redundancy-check codes of 16-bit redundancy. *IEE Proceedings on Communications*, 147, 5, 2000, ISSN:00906778, 253-256. SJR:2.59, ISI IF:0.226

Цитира се в:

- 310.** V. Meshram, N. Tawade, S. Deshmukh, S. Nandanwar, D. Borkar, Implementation of Error Correction Technique using OCC on FPGA, *International Journal of Science Technology&Engineering*, Vol. 2, Issue 9, pp. 12-16, 2016., @2016

- 311.** Vijendra P. Meshram, Neha R. Tawade, Sanjana M. Deshmukh, Sameer V. Nandanwar, Implementation of Error Correction Technique using OCC on FPGA, *International Journal of Science Technology & Engineering*, Volume 2, Issue 09, March 2016, @2016

- 128. Markov, S.** On the algebraic properties of convex bodies and some applications. *Journal of Convex Analysis*, 7, 1, Heldermann Verlag, 2000, ISSN:ISSN 0944-6532 (printed edition). *bullet*, ISSN 2363-6394 (electronic edition)., 129-166. SJR:0.44, ISI IF:0.55

Цитира се в:

- 312.** Shen, Y, The Cauchy type problem for interval-valued fractional differential equations with the Riemann-Liouville  $gH$ -fractional derivative, *Advances in Difference Equations*, 2016 (1) , art. no. 102, @2016

- 129. Iliev I.D.** On the limit cycles available from polynomial perturbations of the Bogdanov--Takens Hamiltonian. *Israel J. Math.*, 115, The Hebrew University Magnes Press / Springer, 2000, ISSN:0021-2172, DOI:10.1007/BF02810590, 269-284. ISI IF:0.539

Цитира се в:

- 313.** Yun Tian, Pei Yu, Bifurcation of ten small-amplitude limit cycles by perturbing a quadratic Hamiltonian system with cubic polynomials, J. Differential Equations 260 (2016), no. 2, 971--990. IF 1.680 (2014), @2016

---

2001

---

- 130.** Bogdanova, Galina T., Patric RJ Östergård. Bounds on codes over an alphabet of five elements. Discrete Mathematics, 240, Issues 1, Elsevier, 2001, ISSN:0012-365X, DOI:10.1016/S0012-365X(00)00383-6, 13-19. SJR:1, ISI IF:0.629

Цитира се в:

- 314.** Litjens, Bart, Sven Polak, and Alexander Schrijver. "Semidefinite bounds for nonbinary codes based on quadruples." Designs, Codes and Cryptography(2016): 1-14., @2016
- 315.** Shao, Zehui, Aleksander Vesel, and Jin Xu. "The k-Distance Independence Number and 2-Distance Chromatic Number of Cartesian Products of Cycles." Bulletin of the Malaysian Mathematical Sciences Society (2016): 1-15. <http://link.springer.com/article/10.1007/s40840-016-0397-0>, @2016
- 316.** Polak, Sven. "New nonbinary code bounds based on a parity argument." arXiv preprint arXiv:1606.05144 (2016), @2016

- 131.** Kenderov P. S., Kortezov I. S., Moors W. B.. Continuity points of quasi-continuous mappings. Topology Appl., 109, Elsevier, 2001, 321-346. SJR:0.456

Цитира се в:

- 317.** Banakh, T., QUASICONTINUOUS FUNCTIONS WITH VALUES IN PIOTROWSKI SPACES, arXiv:1609.05482, @2016
- 318.** Holá, L., Holý, D., Minimal usco and minimal cusco maps and compactness, Journal of Mathematical Analysis and Applications, Volume 439, Issue 2, 15 July 2016, 737–744, @2016
- 319.** Holá, L., Holý, D., Quasicontinuous Subcontinuous Functions and Compactness, Mediterranean Journal of Mathematics, 13 (6), June 2016, @2016

- 132.** Krachunov, R.S., Kaishev, V.K., Ignatov, Z.G.. An Improved Finite-time Ruin Probability Formula and its "Mathematica" Implementation'. Insurance: Mathematics and Economics, 29, 3, Elsevier, 2001, ISSN:0167-6687, 375-386

Цитира се в:

- 320.** Kwok, Ki-lung, and 郭麒龍. "On computing ruin probabilities." HKU Theses Online (HKUTO) (2016)., @2016

- 133.** Iliev, A., Iliev, I. On a generalization of Weierstrass–Dochev method for simultaneous extraction of all roots of polynomials over an arbitrary Chebyshev system. Compt. rend. Acad. bulg. Sci., 54, 10, 2001, ISSN:0861–1459, 31-36

Цитира се в:

- 321.** V. Kyncheva, V. Yotov, S. Ivanov, Convergence of Newton, Halley and Chebyshev iterative methods as methods for simultaneous determination of multiple zeros, Applied Numerical Mathematics, 2016, IF = 1.414;

- 134. Borislav Yordanov, grozdna todorova.** "Critical exponent for a nonlinear wave equation with damping." *Journal of Differential Equations*, 174.2, 2001, 464-468. SJR:2.76

Цумура се в:

- 322.** Ikeda, Masahiro, and Takayoshi Ogawa. "Lifespan of solutions to the damped wave equation with a critical nonlinearity." *Journal of Differential Equations* 261.3 (2016): 1880-1903., @2016
- 323.** Hayashi, Nakao, and Pavel I. Naumkin. "Damped wave equation with a critical nonlinearity in higher space dimensions." *Journal of Mathematical Analysis and Applications* 446.1 (2017): 801-822., @2016
- 324.** Inui, Takahisa. "Some nonexistence results for a semirelativistic Schrödinger equation with nongauge power type nonlinearity." *Proceedings of the American Mathematical Society* 144.7 (2016): 2901-2909., @2016
- 325.** D'Abbicco, Marcello, and Enrico Jannelli. "A damping term for higher-order hyperbolic equations." *Annali di Matematica Pura ed Applicata* (1923-) 195.2 (2016): 557-570., @2016
- 326.** Lai, Ningan, and Silu Yin. "Finite time blow-up for a kind of initial-boundary value problem of semilinear damped wave equation." *Mathematical Methods in the Applied Sciences* (2016)., @2016
- 327.** Takeda, Hiroshi. "LARGE TIME BEHAVIOR OF SOLUTIONS FOR A NONLINEAR DAMPED WAVE EQUATION." *Communications on Pure & Applied Analysis* 15.1 (2016)., @2016
- 328.** Fino, A. Z., H. Ibrahim, and A. Wehbe. "A blow-up result for a nonlinear damped wave equation in exterior domain: The critical case." (2016)., @2016
- 329.** Zhang, ChunJie, YuHuai Zhang, and FangFang Ren. "Modulation space estimates for damped fractional wave equation." *Science China Mathematics* 59.4 (2016): 687-696., @2016
- 330.** Ru, Qiang. "A nonexistence result for a nonlinear wave equation with damping on a Riemannian manifold." *Boundary Value Problems* 2016.1 (2016): 198., @2016
- 135. Dalakov, P., Ivanov, S..** Harmonic spinors of the Dirac operator of connection with torsion in dimension four. *Classical Quantum Gravity*, 18, 2, 2001, ISSN:0264-9381, DOI:10.1088/0264-9381/18/2/305, 253-263. ISI IF:3.168

Цумура се в:

- 331.** Killing and twistor spinors with torsion, Ioannis Chrysikos, *Ann. Global Anal. Geom.* 49 (2016), no. 2, 105–141, @2016
- 136. Popova, E. D..** On the Solution of Parametrised Linear Systems. W. Kraemer, J. Wolff von Gudenberg (Eds.), *Scientific Computing, Validated Numerics, Interval Methods*, Kluwer Acad. Publishers, 2001, 127-138

Цумура се в:

- 332.** L. Kolev, A Class of Iterative Methods for Determining p-Solutions of Linear Interval Parametric Systems, *Reliable Computing*, 22 (2016), pp. 26-46., @2016
- 333.** Marzieh Dehghani-Madiseh , Mehdi Dehghan, Parametric AE-solution sets to the parametric linear systems with multiple right-hand sides and parametric matrix equation  $A(p)X = B(p)$ , *Numerical Algorithms*, 73(1):245-279, 2016., @2016

334. Skalna, I., Duda, J., A Study on Vectorisation and Paralellisation of the Monotonicity Approach, in Wyrzykowski, R. et al. (Eds) Parallel Processing and Applied Mathematics, Lecture Notes in Computer Science 9574, 2016, pp 455-463., @2016
335. M. Hladik, Optimal Preconditioning for the Interval Parametric Gauss–Seidel Method, in M. Nehmeier, J. Wolff von Gudenberg, W. Tucker (Eds), Scientific Computing, Computer Arithmetic, and Validated Numerics, LNCS 9553, 2016, pp. 116-125., @2016
137. **Nadezhda Ribarska, Tsvetomir Tsachev, Mikhail Ivanov Krastanov.** A note on: “On a critical point theory for multivalued functionals and application to partial differential inclusions” [Nonlinear Analysis, v. 31 (1998), No. 5–6, 735–753 by M. Frigon],. Nonlinear Analysis: TMA, 43, 2, Elsevier, 2001, 153-158. ISI IF:1.327

Цумура се в:

336. Yi Cheng, Cuiying Li, Existence of Solutions for Some Quasilinear Degenerate Elliptic Inclusions in Weighted Sobolev Spaces, Numerical Functional Analysis and Optimization, Volume 37, Issue 1, 2016, DOI:10.1080/01630563.2015.1078811, @2016
337. Yu Tian, John R. Graef, Lingju Kong, Min Wang, Three solutions for second-order impulsive differential inclusions with Sturm-Liouville boundary conditions via nonsmooth critical point theory, Topological Methods in Nonlinear Analysis, v. 47, No 1 (2016), 1-17, DOI: 10.12775/TMNA.2015.089, @2016
138. **Bajlekova, E.** Fractional evolution equations in Banach spaces, PhD thesis, Eindhoven University of Technology, Eindhoven, The Netherlands. 2001, 107

Цумура се в:

338. Kostić, M. Hypercyclic and Topologically Mixing Properties of Degenerate Multi-term Fractional Differential Equations (2016) Differential Equations and Dynamical Systems, 24 (4), pp. 475-498., @2016
339. Mei, Z.-D., Peng, J.-G. Riemann-liouville fractional cosine functions (2016) Electronic Journal of Differential Equations, 2016, art. no. 249, pp. 1-14., @2016
340. Yan, Z. On a new class of impulsive stochastic partial neutral integro-differential equations (2016) Applicable Analysis, 95 (9), pp. 1891-1918., @2016
341. Keyantuo, V., Warma, M. On the interior approximate controllability for fractional wave equations (2016) Discrete and Continuous Dynamical Systems- Series A, 36 (7), pp. 3719-3739., @2016
342. Li, K. Fractional order semilinear volterra integrodifferential equations in Banach spaces (2016) Topological Methods in Nonlinear Analysis, 47 (2), pp. 439-455., @2016
343. Kostić, M. Some contributions to the theory of abstract degenerate volterra integro-differential equations (2016) Journal of Mathematics and Statistics, 12 (2), pp. 65-76., @2016
344. M. Japundzic, D. Rajter-Ciric, Generalized uniformly continuous solution operators and inhomogeneous fractional evolution equations with variable coefficients Proceedings of ICFDA'16, Novi Sad, Serbia, Serbian Society of Mechanics and Faculty of Technical Sciences Novi Sad, 2016, ISBN:ISBN 978-86-7892-830, pp. 742-744, @2016
345. Baeumer, B., Kovács, M., Meerschaert, M.M., Schilling, R.L., Straka, P. Reflected spectrally negative stable processes and their governing equations (2016) Transactions of the American Mathematical Society, 368 (1), pp. 227-248., @2016
346. Cao, J., Luo, Y., Liu, G. Some results for impulsive fractional differential inclusions with infinite delay and sectorial operators in Banach spaces (2016) Applied Mathematics and Computation,

- 347.** Chen, C., & Li, M. (2016). Characterizations of domains of fractional powers for non-negative operators. *Journal of Mathematical Analysis and Applications*. Volume 435, Issue 1, 1 March 2016, Pages 179–209, @2016
- 348.** Emamirad H., Rougirel A., Solution operators of three time variables for fractional linear problems, *Math. Meth. Appl. Sci.* 2016, DOI: 10.1002/mma.4079, @2016
- 349.** Muthukumar, P. & Thiagu, K., Existence of Solutions and Approximate Controllability of Fractional Nonlocal Stochastic Differential Equations of Order  $1 < q \leq 2$  with Infinite Delay and Poisson Jumps, *Differ Equ Dyn Syst* (2016). doi:10.1007/s12591-016-0340-8, @2016
- 350.** Kostić M., DEGENERATE MULTI-TERM FRACTIONAL DIFFERENTIAL EQUATIONS IN LOCALLY CONVEX SPACES, *PUBLICATIONS DE L'INSTITUT MATHÉMATIQUE Nouvelle série, tome 100(114)* (2016), 49–75, @2016
- 351.** Chen, Pengyu, Xuping Zhang, and Yongxiang Li. "Nonlocal problem for fractional stochastic evolution equations with solution operators." *Fractional Calculus and Applied Analysis* 19.6 (2016): 1507-1526., @2016
- 352.** Nguyen, Thanh-Anh, Dinh-Ke Tran, and Nhu-Quan Nguyen. "WEAK STABILITY FOR INTEGRO-DIFFERENTIAL INCLUSIONS OF DIFFUSION-WAVE TYPE INVOLVING INFINITE DELAYS." *Discrete & Continuous Dynamical Systems-Series B* 21.10 (2016). pp3637-3654, @2016
- 353.** Plekhanova, Marina V. "DEGENERATE DISTRIBUTED CONTROL SYSTEMS WITH FRACTIONAL TIME DERIVATIVE." *Ural Mathematical Journal* 2.2 (2016): 58-71., @2016
- 354.** Плеханова, Марина Васильевна. "Задачи стартового управления для эволюционных уравнений дробного порядка." *Челябинский физико-математический журнал* 1.3 (2016): 15-36., @2016
- 355.** Suganya, S., and M. Mallika Arjunan. "On exact controllability of neutral integro-differential systems of fractional order with state-dependent delay." *Nonlinear Studies* 23.4 (2016)., @2016
- 356.** MacNamara, Shev, Bruce I. Henry, and William McLean. "Fractional Euler Limits and Their Applications." *arXiv preprint arXiv:1609.04772* (2016)., @2016
- 357.** Keyantuo, Valentin, Carlos Lizama, and Mahamadi Warma. "Existence, regularity and representation of solutions of time fractional diffusion equations." *Advances in Differential Equations* 21.9/10 (2016): 837-886., @2016
- 358.** Agarwal, Ravi P., Vasile Lupulescu, and Donal O'Regan. "Weak solutions for fractional differential equations in nonreflexive Banach spaces via Riemann-Pettis integrals." *Mathematische Nachrichten* 289.4 (2016): 395-409., @2016
- 359.** Mu, Jia, Bashir Ahmad, and Shuibo Huang. "Existence and regularity of solutions to time-fractional diffusion equations." *Computers & Mathematics with Applications* (2016). <http://dx.doi.org/10.1016/j.camwa.2016.04.039>, @2016
- 360.** Xia, Zhinan, Meng Fan, and Ravi P. Agarwal. "Pseudo almost automorphy of semilinear fractional differential equations in Banach Spaces." *Fractional Calculus and Applied Analysis* 19.3 (2016): 741-764., @2016
- 361.** Kochubei, Anatoly N., and Yuri Kondratiev. "Fractional kinetic hierarchies and intermittency." *arXiv preprint arXiv:1604.03807* (2016)., @2016
- 362.** Tamilalagan, P., and P. Balasubramaniam. "Approximate controllability of fractional stochastic differential equations driven by mixed fractional Brownian motion via resolvent operators." *International Journal of Control* (2016): <http://dx.doi.org/10.1080/00207179.2016.1219070>,

**@2016**

- 363.** Jin, Bangti, Buyang Li, and Zhi Zhou. "Discrete Maximal Regularity of Time-Stepping Schemes for Fractional Evolution Equations." arXiv preprint arXiv:1606.07587 (2016)., **@2016**
- 364.** Mallika, D., S. Suganya, P. Kalamani, and M. Mallika Arjunan. "Sobolev type fractional integro-differential systems with nonlocal condition through resolvent operators." *Nonlinear Studies* 23, no. 3 (2016)., **@2016**
- 365.** Jia, J., Li, K. Maximum principles for a time–space fractional diffusion equation (2016) *Applied Mathematics Letters*, 62, pp. 23-28., **@2016**
- 366.** Tamilalagan, P., and P. Balasubramaniam. "The Solvability and Optimal Controls for Fractional Stochastic Differential Equations Driven by Poisson Jumps Via Resolvent Operators." *Applied Mathematics & Optimization* (2016): doi:10.1007/s00245-016-9380-2, **@2016**
- 367.** Górká, Przemysław, Humberto Prado, and Juan Trujillo. "The time fractional Schrödinger equation on Hilbert space." arXiv preprint arXiv:1611.08899 (2016)., **@2016**
- 368.** Kostić M. Fractional calculus models for fibrosis. Comment on “Towards a unified approach in the modeling of fibrosis: A review with research perspectives” by Martine Ben Amar and Carlo Bianca. *Physics of life reviews*. 2016 Apr 13., **@2016**
- 369.** Alsaedi A, Kirane M, Lassoued R. Global existence and asymptotic behavior for a time fractional reaction–diffusion system. *Computers & Mathematics with Applications*. 2016, <http://dx.doi.org/10.1016/j.camwa.2016.05.006>, **@2016**
- 370.** Yan, Zuomao, and Xiumei Jia. "Optimal Controls for Fractional Stochastic Functional Differential Equations of Order  $\alpha$  in  $(1, 2]$ ." *Bulletin of the Malaysian Mathematical Sciences Society* (2016): 1-26. DOI 10.1007/s40840-016-0415-2, **@2016**
- 371.** da Silva, José Luís, Anatoly N. Kochubei, and Yuri Kondratiev. "Fractional statistical dynamics and fractional kinetics." arXiv preprint arXiv:1604.03816 (2016)., **@2016**
- 372.** Srinivasan, V., Sukavanam, N. Controllability of systems of fractional-order  $\alpha \in (1, 2]$  with delay (2016) *Chinese Control Conference, CCC, 2016-August*, art. no. 7555023, pp. 10516-10520., **@2016**
- 373.** Yan, Zuomao. "Approximate controllability of fractional impulsive partial neutral stochastic differential inclusions with state-dependent delay and fractional sectorial operators." *Numerical Functional Analysis and Optimization*, Volume 37, Issue 12, Pages 1590-1639 (2016)., **@2016**
- 374.** Lizama, C., Pereira, A., Ponce, R. On the compactness of fractional resolvent operator functions (2016) *Semigroup Forum*, 93 (2), pp. 363-374., **@2016**
- 375.** Kumar, P., Haloi, R., Bahuguna, D., Pandey, D.N. Existence of solutions to a new class of abstract non-instantaneous impulsive fractional integro-differential equations (2016) *Nonlinear Dynamics and Systems Theory*, 16 (1), pp. 73-85., **@2016**
- 376.** Zhao, Shufen, and Minghui Song. "Square-mean  $S$ -asymptotically  $\omega$ -periodic solution for a stochastic fractional evolution equation driven by Lévy noise with piecewise constant argument." arXiv preprint arXiv:1609.01444 (2016)., **@2016**
- 377.** Abadias, Luciano, Carlos Lizama, and Pedro J. Miana. "Sharp extensions and algebraic properties for solution families of vector-valued differential equations." *Banach Journal of Mathematical Analysis* 10.1 (2016): 169-208., **@2016**
- 378.** Li, Kexue. "Effects of the noise level on stochastic fractional heat equations." arXiv preprint arXiv:1604.08341 (2016)., **@2016**
- 379.** Warma M. On the approximate controllability from the boundary for fractional wave equations.

- 380.** Fedorov, V.E., Nazhimov, R.R. and Gordievskikh, D.M., 2016, August. Initial value problem for a class of fractional order inhomogeneous equations in Banach spaces. In INTERNATIONAL CONFERENCE ON ANALYSIS AND APPLIED MATHEMATICS (ICAAM 2016) (Vol. 1759, No. 1, p. 020008). AIP Publishing., @2016
- 381.** Abadias, L., Lizama, C., Miana, P. J., & Velasco, M. P. (2016). On well-posedness of vector-valued fractional differential-difference equations. arXiv preprint arXiv:1606.05237., @2016
- 382.** Li, Ya-Ning, Hong-Rui Sun, and Zhaosheng Feng. "Fractional abstract Cauchy problem with order  $\alpha \in (1, 2)$ ." Dynamics of PDE 13.2 (2016): 155-177., @2016
- 383.** Poongodi, R., and R. Murugesu. "Existence of mild solution for fractional nonlocal neutral impulsive integro-differential equations with state-dependent delay." Nonlinear Studies 23.2 (2016)., @2016
- 384.** Plekhanova, Marina V. "Nonlinear equations with degenerate operator at fractional Caputo derivative." Mathematical Methods in the Applied Sciences (2016). DOI: 10.1002/mma.3830, @2016
- 385.** Kostic, Marko. "A note on semilinear degenerate relaxation equations associated with abstract differential operators." Челябинский физико-математический журнал 1.2 (2016): 85-93., @2016
- 386.** Plekhanova, Marina. "Sobolev type equations of time-fractional order with periodical boundary conditions." INTERNATIONAL CONFERENCE ON ANALYSIS AND APPLIED MATHEMATICS (ICAAM 2016). Vol. 1759. No. 1. AIP Publishing, 2016., @2016
- 387.** Kostić, M. (2016). Abstract incomplete degenerate differential equations. Tsukuba Journal of Mathematics, 40(1), 28-53., @2016
- 388.** KOSTIC, M. "THE EXISTENCE OF DISTRIBUTIONAL CHAOS IN ABSTRACT DEGENERATE FRACTIONAL DIFFERENTIAL EQUATIONS." Journal of Fractional Calculus and Applications 7.2 (2016): 153-174., @2016
- 389.** Фёдоров, Владимир Евгеньевич, Елена Анатольевна Романова, and Амар Дебуш. "Аналитические в секторе разрешающие семейства операторов вырожденных эволюционных уравнений дробного порядка." Сибирский журнал чистой и прикладной математики 16.2 (2016): 93-107., @2016
- 390.** Agarwal, Ravi P., Vasile Lupulescu, and Donal O'Regan. "Fractional semilinear equations with causal operators." Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas (2016) doi:10.1007/s13398-016-0292-4, @2016
- 139.** Kounchev, O.. Multivariate Polysplines: Applications to Numerical and Wavelet Analysis. Academic Press, 2001, 500

Цитира се в:

- 391.** Devaraj Ponnaian, Yogesh Shanmugam, Reconstruction of L-splines of polynomial growth from their local weighted average samples, Applied Mathematics and Computation, 273(2016) 1018–1024, @2016
- 140.** Popova, E. D.. Multiplication Distributivity of Proper and Improper Intervals. Reliable Computing, 7, 2, 2001, ISSN:1573-1340, DOI:10.1023/A:1011470131086, 129-140. SJR:0.271

Цитира се в:

- 392.** S. Markov, On the Algebra of Intervals, Reliable Computing 21, 2016, pp. 80-108., @2016

393. Boukezzoula, R., Du contrôle flou conventionnel au contrôle graduel, HABILITATION A DIRIGER DES RECHERCHES, Ecole Doctorale «Sciences et Ingénierie des Systèmes, de l'Environnement et des Organisations», Univ. Grenoble Alpes, 2016., @2016
394. Kenoufi, A., Linear Algebra and Differential Calculus in Pseudo-Intervals Vector Space, Tendências em Matemática Aplicada e Computacional, 17, N. 3 (2016), 283-304., @2016
395. E. Zieniuk, M. Kapturczak, A. Kuźelewski, Concept of modeling uncertainly defined shape of the boundary in two-dimensional boundary value problems and verification of its reliability, Applied Mathematical Modelling, vol. 40, issue 23-24, 2016, 10274-10285., @2016
396. E. Zieniuk, M. Kapturczak, A. Kuźelewski, Solving interval systems of equations obtained during the numerical solution of boundary value problems, Comp. Appl. Math. (2016) 35:629–638., @2016
141. **Raikov, G. D.**, Mouez Dimassi. Spectral asymptotics for quantum Hamiltonians in strong magnetic fields. Cubo Matemática Educacional, 3, Universidad de la Frontera, Temuco, 2001, ISSN:0716-7776, 317-391

Цитирана се в:

397. D. Elton, Approximate zero modes for the Pauli operator on a region, J. Spectr. Theory 6 (2016), 373-413., @2016
398. D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 205-221, Springer International Publishing, 2016., @2016
142. **Kazakov, P.** Fast calculation of the number of minimum-weight words of CRC codes. IEEE Transactions on Information Theory, 47, 3, IEEE, 2001, ISSN:0018-9448, DOI:10.1109/18.915680, 1190-1195. SJR:3.755, ISI IF:2.077

Цитирана се в:

399. Design of visual tools of Reed Solomon Codes for Power Line Communication, @2016
143. **Bogdanova G.**, A.E. Brouwer, S.A. Kapralov, P.R.J. Ostergard. Errorcorrecting codes over an alphabet of four elements. Designs Codes Cryptography, 23, 2001, 333-342

Цитирана се в:

400. Litjens, Bart, Sven Polak, and Alexander Schrijver. "Semidefinite bounds for nonbinary codes based on quadruples." Designs, Codes and Cryptography(2016): 1-14., @2016
401. Shao, Zehui, Aleksander Vesel, and Jin Xu. "The k-Distance Independence Number and 2-Distance Chromatic Number of Cartesian Products of Cycles." Bulletin of the Malaysian Mathematical Sciences Society (2016): 1-15. <http://link.springer.com/article/10.1007/s40840-016-0397-0>, @2016
402. Polak, Sven. "New nonbinary code bounds based on a parity argument." arXiv preprint arXiv:1606.05144 (2016)., @2016

144. Manolis G., **Rangelov T.**, Shaw R.. Conformal mapping methods for variable parameter elastodynamics. Wave Motion, 36, 2, 2002, 185-202. ISI IF:0.84



Цумура се в:

**403.** Lee, M.K., Kim, Y.Y., Add-on unidirectional elastic metamaterial plate cloak, Scientific Report, 6, 20731., @2016

**145. Revalski, J.P.,** Thera M.. Enlargements and sums of monotone operators. Nonlinear Analysis: Theory, Methods & Applications, 48 (2002), 2002, 505-519. ISI IF:0.314

Цумура се в:

**404.** S. Simons, "Densities"and Maximal Monotonicity, J. of Convex Analysis, 23 (2016), No. 4, 1017-1050, @2016

**146. Ali, I., Kiryakova, V., Kalla, S..** Solutions of fractional multi-order integral and differential equations using a Posson-type transform. Journal of Mathematical Analysis and Applications, 269, 1, Elsevier, 2002, ISSN:0022-247X, DOI:10.1016/S0022-247X(02)00012-4, 172-199. ISI IF:0.444

Цумура се в:

**405.** Ibrahim, R.W., Ozel, C., On multi-order fractional differential operators in the unit disk \ Filomat, 30, No 1, pp. 73-81, @2016

**147. Popova, E. D..** Quality of the Solution Sets of Parameter Dependent Interval Linear Systems. Z. ANGEW. MATH. MECH. (ZAMM), 82, 10, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2002, ISSN:0044-2267, DOI:http://dx.doi.org/10.1002/1521-4001(200210)82:103.0.CO;2-A, 723-727. ISI IF:0.085

Цумура се в:

**406.** M. Hladik, Optimal Preconditioning for the Interval Parametric Gauss–Seidel Method, in M. Nehmeier, J. Wolff von Gudenberg, W. Tucker (Eds), Scientific Computing, Computer Arithmetic, and Validated Numerics, LNCS 9553, 2016, pp. 116-125., @2016

**148. Bazhlekova, E.** STRICT  $L_p$  SOLUTIONS FOR FRACTIONAL EVOLUTION EQUATIONS. Fract. Calc. Appl. Anal., 5, 4, 2002, 427-436

Цумура се в:

**407.** Jin, Bangti, Buyang Li, and Zhi Zhou. "Discrete Maximal Regularity of Time-Stepping Schemes for Fractional Evolution Equations." arXiv preprint arXiv:1606.07587 (2016)., @2016

**149. Dineva P., Gross D., Rangelov T..** Dynamic behavior of a bi-material interface-cracked plate. Engineering Fracture Mechanics, 69, 11, 2002, 1193-1218. ISI IF:0.912

Цумура се в:

**408.** Kai Huang, Licheng Guo, Hongjun Yu, Pengfei Jia, Takayuki Kitamura, A domain-independent interaction integral method for evaluating the dynamic stress intensity factors of an interface crack in nonhomogeneous materials, International Journal of Solids and Structures 100–101 (2016) 547–557., @2016

**150. Bahturin, Yu., Drensky, V..** Graded polynomial identities of matrices. Linear Algebra and its Appl., 357, 2002, 15-34. ISI IF:0.462

Цумура се в:

**409.** D. Diniz, C.F. Bezerra Junior, Primeness property for graded central polynomials of verbally prime algebras, arXiv: 1607.03942v2 [math.RA]., @2016

410. D. D. P. da Silva e Silva, T. C. de Mello, Graded identities of block-triangular matrices, arXiv: 1504.04238v1[math.RA]. J. Algebra 464 (2016), 246-265., @2016
411. D. Repovš , M. Zaicev, Graded PI-exponents of simple Lie superalgebras, Ark. Mat. 54 (2016), No. 1, 147-156. DOI: 10.1007/s11512-015-0224-0., @2016
412. D. Haile, M. Natapov, Graded polynomial identities for matrices with the transpose involution, arXiv:1506.00969v1 [math.RA]. J. Algebra 464 (2016), 175-197., @2016
413. A. Giambruno, M. Zaicev, Polynomial identities and algebraic combinatorics on words, São Paulo J. Math. Sci. 10 (2016), No. 2, 219-227., @2016
151. Dimitrov B., D Green Jr, V Rykov, **P Stanchev**. On performance evaluation and optimization problems in queues with resequencing. Advances in Stochastic Modeling - Notable Publications, 2002, 55-72

Цумура се в:

414. Pechinkin, A. and Razumchik, R., 2016. Estimation of Network Disordering Effects by In-depth Analysis of the Resequencing Buffer Contents in Steady-state. Journal of Telecommunications and Information Technology, (1), p.53., @2016
415. Caraccio, I., Pechinkin, A.V. and Razumchik, R.V., 2016. Two-channel MAP/PH/2 system with customer resequencing. Automation and Remote Control, 77(5), pp.789-801., @2016
152. **Guelev, D. P.**, Dang, V. H.. Prefix and Projection onto State in Duration Calculus. ENTCS, Proceedings of the ETAPS workshop Theory and Practice of Timed Systems (TPTS&#039;02), 65, 6, Elsevier, 2002, ISSN:1571-0661, DOI:10.1016/S1571-0661(04)80472-9, 101-119. SJR:0.579

Цумура се в:

416. Matteo Rossi, Dino Mandrioli, Angelo Morzenti, Luca Ferrucci, {A temporal logic for micro- and macro-step-based real-time systems: Foundations and applications, Theor. Comput. Sci., 643, pp 38--64, 2016, 10.1016/j.tcs.2016.06.042, @2016
153. B. Lemaire, C. Ould Ahmed Salem, **J.P. Revalski**. Well-posedness by perturbations of variational problems. J. Optimization Theory and Appl., 115, 2, Springer, 2002, 345-368. ISI IF:0.402

Цумура се в:

417. R. Hu and Y.-P. Fang, Characterizations of Levitin Polyak well-posedness by perturbations for the split variational inequality problem, Optimization, Volume 65, issue 9, 2016, 1717-1732., @2016
418. P. Yimmuang and R. Wangkeeree, Well-posedness by perturbations for the hemivariational inequality governed by a multi-valued map perturbed with a nonlinear term, Paci c J. Optim., Volume 12, Issue 1, 2016, 119 131., @2016
154. **Raikov, G.**, Warzel, S.. Spectral asymptotics for magnetic Schrödinger operators with rapidly decreasing electric potentials. Comptes Rendus Mathematique, 335, 8, Elsevier, 2002, ISSN:1631-073X, DOI:10.1016/S1631-073X(02)02554-2, 683-688. ISI IF:0.446

Цумура се в:

419. M. Täufer, I. Veselic, Wegner estimate for Landau-breather Hamiltonians, J. Math. Phys. 57 (2016), 072102, 8 pp., @2016
155. **Raikov, G.**, Warzel, S. Quasi-classical versus non-classical spectral asymptotics for magnetic Schrödinger operators with decreasing electric potentials. Reviews in Mathematical Physics, 14, 10,

Цитира се в:

420. D. Barseghyan, P. Exner, H. Kovark, T. Weidl, Semiclassical bounds in magnetic bottles, *Rev. Math. Phys.* 28 (2016), 1650002, 29 pp., @2016
421. P. Miranda, Eigenvalue asymptotics for a Schrödinger operator with non-constant magnetic field along one direction, *Ann. H. Poincare*, 17 (2016), 1713-1736., @2016
422. M. Goffeng, A. Kachmar, M. Persson Sundqvist, Clusters of eigenvalues for the magnetic Laplacian with Robin condition, *J. Math. Phys.* 57 (2016), 063510, 19 pp., @2016
423. M. Täufer, I. Veselic, Wegner estimate for Landau-breather Hamiltonians, *J. Math. Phys.* 57 (2016), 072102, 8 pp., @2016
424. V. Bruneau, D. Sambou, Spectral clusters for magnetic exterior problems, In: *Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications*, 254, 57-70, Springer International Publishing, 2016., @2016
425. D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: *Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications*, 254, 205-221, Springer International Publishing, 2016., @2016
426. V. Ivrii, 100 years of Weyls law, *Bull. Math. Sci.* 6 (2016), 379-452., @2016
427. V. Bruneau, D. Sambou, Counting function of magnetic resonances for exterior problems, *Annales Henri Poincare*, 17 (2016), 3443-3471., @2016
156. Filaseta, M., **Trifonov, O.** The irreducibility of the Bessel polynomials. *Journal fur die Reine und Angewandte Mathematik*, 2002, 550, de Gruyter, 2002, ISSN:1435-5345, DOI:<https://doi.org/10.1515/crll.2002.069>, 125-140. SJR:3.614, ISI IF:1.616

Цитира се в:

428. Shanta Laisram, Saranya G. Nair, T.N. Shorey, Irreducibility of generalized Laguerre Polynomials  $L_n^{(\frac{1}{2}+u)}(x)$  with integer  $u$ , *Journal of Number Theory*, 160, March 2016, Pages 76--107, @2016
157. Gavrilov L., **I.D. Iliev.** Bifurcations of limit cycles from infinity in quadratic systems. *Canad. J. Math.*, 54, 5, Canadian Mathematical Society, 2002, ISSN:0008-414X, DOI:<http://dx.doi.org/10.4153/CJM-2002-038-6>, 1038-1064. ISI IF:0.485

Цитира се в:

429. Feng Li, Yuanyuan Liu, Pei Yu, Bifurcation of limit cycles at infinity in a class of switching systems, *Nonlinear Dynamics*, pp 1-12 [to appear]. First online 09 December 2016. IF 3.000 (2015). doi:10.1007/s11071-016-3249-4, @2016
430. Zheng Qingyu, Li Hongwei, Center and pseudo-isochronous conditions in a quasi analytic system, *J. Nonlinear Sci. Appl.* 9 (2016), 102--111. IF 0.949 (2014), @2016
158. Svanström M., P. R. Östergård, **G. T. Bogdanova.** Bounds and constructions for ternary constant-composition codes. *Information Theory. IEEE Transactions on*, 48, 1, 2002, ISSN:0018-9448, DOI:10.1109/18.971741, 101-111. ISI IF:1.08

Цитира се в:

431. Yang, Yang, Zhengchun Zhou, and Xiaohu Tang. "Two classes of zero difference balanced functions and their optimal constant composition codes." Information Theory (ISIT), 2016 IEEE International Symposium on. IEEE, 2016., @2016

159. **Nikolov N.** Biholomorphy of the model domains at a semiregular boundary point. 55, 5, Compt. Rend. Acad. Bulg. Sci., 2002, 5-8

Цитирана се в:

432. F. Rong, B. Zhang, On h-extendible domains and associated models, C.R. Acad. Sci. Paris, Ser. I 354 (2016), 901-906., @2016

---

## 2003

---

160. **Bogdanova G.T.**, S.N. Kapralov. Enumeration of optimal ternary constant-composition codes. Problems of Information Transmission, vol. 39, 4, 2003, 346-351

Цитирана се в:

433. Yang, Yang, Zhengchun Zhou, and Xiaohu Tang. "Two classes of zero difference balanced functions and their optimal constant composition codes." Information Theory (ISIT), 2016 IEEE International Symposium on. IEEE, 2016., @2016

161. **Bouyukliev I.**, Simonis J.. Some New Results on Optimal Codes Over F5. Des. Codes Cryptography, 30, 1, Kluwer Academic Publishers, 2003, ISSN:0925-1022, DOI:10.1023/A:1024763410967, 97-111. ISI IF:0.958

Цитирана се в:

434. Cohen, Nathann, and Dmitrii V. Pasechnik. "Implementing Brouwer's database of strongly regular graphs." arXiv preprint arXiv:1601.00181 (2016)., @2016

162. **Revalski J.P.**, Thera M., Pennanen T.. Variational composition of a monotone mapping with a linear mapping with applications to PDE with singular coefficients. Journal of Functional Analysis, 198, 2003, 84-105. ISI IF:0.993

Цитирана се в:

435. O. Bueno, Y. Garcia and M. Marques Alves, Lower Limits of Type (D) Monotone Operators in general Banach Spaces, J. Convex Anal., Volume: 23 Issue, 2 2016, 333- 345., @2016

163. **Bazhlekova, E.**, Philippe Clément. Global smooth solutions for a quasilinear fractional evolution equation. Journal of Evolution Equations, 3, 2, 2003, 237-246. ISI IF:0.731

Цитирана се в:

436. Jin, Bangti, Buyang Li, and Zhi Zhou. "Discrete Maximal Regularity of Time-Stepping Schemes for Fractional Evolution Equations." arXiv preprint arXiv:1606.07587 (2016)., @2016

164. **Stanchev P.**, D. Green-Junior, B. Dimitrov. High level color similarity retrieval. 2003

Цитирана се в:

437. Tekli, J., 2016. An Overview on XML Semantic Disambiguation from Unstructured Text to Semi-Structured Data: Background, Applications, and Ongoing Challenges. IEEE Transactions on Knowledge and Data Engineering, 28(6), pp.1383-1407., @2016

438. Saroop, S., 2016. Exploring Mediatoil Imagery: A Content-Based Approach (Doctoral dissertation, Université d'Ottawa/University of Ottawa)., @2016
439. Hatem, Y., Rady, S., Ismail, R. and Bahnasy, K., 2016, May. Automatic Content Description and Annotation of Sport Images using Classification Techniques. In Proceedings of the 10th International Conference on Informatics and Systems (pp. 88-94). ACM., @2016
440. Upadhyaya, N. and Dixit, M., 2016. A Review: Relating Low Level Features to High Level Semantics in CBIR. International Journal of Signal Processing, Image Processing and Pattern Recognition, 9(3), pp.433-444., @2016
441. Shirazi, S.H., Umar, A.I., Naz, S., Razzak, M.I. and AlHaqbani, B., Content-Based Image Retrieval Using Texture Color Shape and Region. International Journal of Advanced Computer Science & Applications, 1(7), pp.418-426., @2016
165. **Stanchev P., M. Flint.** Using image mining for image retrieval. IASTED Conference “Computer Science and Technology,” Cancun, Mexico, 2003, 214-218

Цумура се в:

442. Chouhan, P. and Tiwari, M., Feature Extraction Techniques for Image Retrieval Using Data Mining and Image Processing Techniques. International Journal of Advanced Research in Computer and Communication Engineering Vol. 5, Issue 5, May 2016, 530-535., @2016
443. Schmidt, R., Möhring, M., Zimmermann, A., Härting, R.C. and Keller, B., 2016. Potentials of Image Mining for Business Process Management. In Intelligent Decision Technologies 2016 (pp. 429-440). Springer International Publishing., @2016
444. Street Image Retouching Based on Image Mining. 林芷羽, 2016. 基於影像探勘的街景照片後製. 暨南大學資訊工程學系學位論文, pp.1-40., @2016
166. Di Vincenzo, O. M., **Drensky, V., Nardoza, V.** Subvarieties of the varieties generated by the superalgebra  $M_{11}(E)$  or  $M_2(K)$ . Commun. Algebra, 31, 1, 2003, 437-461. ISI IF:0.287

Цумура се в:

445. L. Centrone, The  $\mathbb{S}$ -graded identities of the Grassmann algebra, Arch. Math., Brno 52 (2016), No. 3, 141-158., @2016
167. **Stoimenova, E., Datcheva, M., Schanz, T.** Statistical modeling of the soil water characteristic curve for geotechnical data. Proceedings of the First International Conference for Mathematics and Informatics for Industry, 2003, 356-366

Цумура се в:

446. Fajardo, A. M. P., Canon, J., & Laforteza, R. The value of rural landscape in Aquitania (Colombia): application of spatial hedonic models in real estate analysis, , Cuadernos de Desarrollo Rural, Bogota (Colombia) 12 (76) 155-179, ISSN: 0122-1450, Cuadernos de Desarrollo Rural., @2016
168. **Rangelov T., Dineva P., Gross D.** A hypersingular traction boundary integral equation method for stress intensity factor computation in a finite cracked body. Engineering Analysis with Boundary Elements, 27, 1, 2003, 9-21. ISI IF:0.951

Цумура се в:

447. Ali Ehsan Seif, Mohammad Zaman Kabir, The general form of the elastic stress and displacement fields of the finite cracked plate, Journal of Theoretical and Applied Mechanics, Warsaw, 54, 4,

169. **Slavova, A.** Cellular Neural Networks: Dynamics and Modelling. Kluwer Academic Publishers, 2003, ISBN:978-1-4020-1192-4, 220

Цитира се в:

448. 1. Qiao, Chen; Jing, Wen-Feng; Fang, Jian; et al., The general critical analysis for continuous time UPPAM recurrent neural networks, NEUROCOMPUTING, vol. 175, pp. 40-46, Part:A, 2016., @2016

170. Dimitrov, B., Green, D., Rykov, V., **Stanchev, P.** On Statistical Hypothesis Testing via Simulation Method. Int. J. ITA, 10, 4, ITHEA, 2003, ISSN:1313-0463, 408-414

Цитира се в:

449. Wei, S.L., Zhao, H., Jing, J.T., Yun, F.H. and Li, X.L., 2016. Investigation on surface residual stress distribution and evaluation of engineering ceramics in rotary ultrasonic grinding machining. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, p.0954406216640575., @2016

171. **Tomanov, G.M.**, Weiss, B.. Closed orbits for actions of maximal tori on homogeneous spaces. Duke Math. J., 119, 2, 2003, ISSN:ISSN: 0012-7094, 367-392. ISI IF:1.3

Цитира се в:

450. U. Shapira, Full escape of mass for the diagonal group, Int. Math. Res. Notices (first published online: July 20, 2016)., @2016

172. **Raikov, G. D.** Spectral Asymptotics for the Perturbed 2D Pauli Operator with Oscillating Magnetic Fields. I. Non-Zero Mean Value of the Magnetic Field. Markov Processes And Related Fields, 9, 4, Polymat Publishing Company, 2003, ISSN:1024-2953, 775-794. ISI IF:0.484

Цитира се в:

451. D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 205-221, Springer International Publishing, 2016., @2016

173. Gavrilov L., **I.D. Iliev.** Two-dimensional Fuchsian systems and the Chebyshev property. J. Differential Equations, 191, 1, Academic Press and Elsevier, 2003, ISSN:0022-0396, DOI:10.1016/S0022-0396(02)00116-X, 105-120. ISI IF:0.862

Цитира се в:

452. Zhao Lingyuan, Li Baoyi, Promotion of Rolle Theorem and it's application, J. Tianjin Normal Univ. (Natural Science Edition) 36 (2016), no. 4, 6--9 [Chinese], @2016

174. Molina, M., **Yanev, N.M.** Continuous time bisexual branching processes.. C. R. Acad. Bul. Sci., 56, 8, BAS, 2003, 5-10. ISI IF:0.284

Цитира се в:

453. Peter Jagers , Fima C. Klebaner. From Size to Age and Type Structure Dependent Branching: A First Step to Sexual Reproduction in General Population Processes. Chapter in Branching Processes and Their Applications, Volume 219 of the series Lecture Notes in Statistics pp 137-148, Date: 07 September 2016, @2016

- 175. Pericliev, V.** There is no correlation between the size of a community speaking a language and the size of the phonological inventory of that language. *Linguistic Typology*, 8, 3, De Gruyter, 2004, ISSN:1430-0532, 376-383. SJR:0.171

*Цитира се в:*

- 454.** Blench, R. Typological bottlenecks: How large-scale regional language typologies help us interpret global prehistory. *Linguistic Typology*. Volume 20, Issue 3, Pages 583–597, ISSN (Online) 1613-415X, ISSN (Print) 1430-0532, DOI: <https://doi.org/10.1515/lingty-2016-0030>, December 2016, @2016
- 455.** Planck, F. Editorial Report LT since 2011. *Linguistic Typology*. Volume 20, Issue 3, Pages 715–723, ISSN (Online) 1613-415X, ISSN (Print) 1430-0532, DOI: <https://doi.org/10.1515/lingty-2016-0039>, December 2016, @2016
- 176. Dragnev, DL.** Fredholm theory and transversality for noncompact pseudoholomorphic maps in symplectizations. *Communications on Pure and Applied Mathematics*, 57, 6, Wiley Periodicals, Inc., 2004, 726-763. ISI IF:3.617

*Цитира се в:*

- 456.** Alves, Marcelo R. R.; Positive topological entropy for Reeb flows on 3-dimensional Anosov contact manifolds. *J. Mod. Dyn.* 10 (2016), 497–509., @2016
- 457.** Alves, Marcelo; Cylindrical contact homology and topological entropy. *Geom. Topol.* 20 (2016), no. 6, 3519–3569., @2016
- 458.** McLean, Mark Reeb orbits and the minimal discrepancy of an isolated singularity. *Invent. Math.* 204 (2016), no. 2, 505–594., @2016
- 459.** Frauenfelder, Urs; Kang, Jungsoo Real holomorphic curves and invariant global surfaces of section. *Proc. Lond. Math. Soc.* (3) 112 (2016), no. 3, 477–511., @2016
- 460.** Fraser, Maia; Contact non-squeezing at large scale in  $\mathbb{R}^{2n} \times S^1$ . *Internat. J. Math.* 27 (2016), no. 13, 1650107, 25 pp., @2016
- 461.** Chiang, River; Ding, Fan; van Koert, Otto Non-fillable invariant contact structures on principal circle bundles and left-handed twists. *Internat. J. Math.* 27 (2016), no. 3, 1650024, 55 pp., @2016
- 462.** Dimitroglou Rizell, Georgios Lifting pseudo-holomorphic polygons to the symplectisation of  $P \times R$  and applications. *Quantum Topol.* 7 (2016), no. 1, 29–105., @2016
- 463.** Dimitroglou Rizell, Georgios Legendrian ambient surgery and Legendrian contact homology. *J. Symplectic Geom.* 14 (2016), no. 3, 811–901., @2016
- 177. Popova, E. D.** Parametric Interval Linear Solver. *Numerical Algorithms*, 37, 1, Kluwer Academic Publishers, 2004, ISSN:1017-1398, DOI:10.1023/B:NUMA.0000049480.57066.fa, 345-356. ISI IF:1.417

*Цитира се в:*

- 464.** Kolev, L., A Direct Method for Determining a P-Solution of Linear Parametric Systems, *J. Appl. Computat. Math.* 2016, 5(1):294., @2016
- 178. Popova, E. D.** Strong Regularity of Parametric Interval Matrices. *Mathematics and Education in*

Mathematics, BAS, 2004, 446-451

Цумура се в:

**465.** Nazari, V., Notash, L. , Motion Analysis of Manipulators With Uncertainty in Kinematic Parameters, J. Mechanisms Robotics 8.2 (2016), article No. 021014., @2016

**179. Popova, E. D.** Generalizing the Parametric Fixed-Point Iteration. Proceedings in Applied Mathematics and Mechanics (PAMM), 4, 1, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2004, ISSN:1617-7061 (online), DOI:10.1002/pamm.200410321, 680-681

Цумура се в:

**466.** Kolev, L., A Class of Iterative Methods for Determining p-Solutions of Linear Interval Parametric Systems, Reliable Computing, 22 (2016), pp. 26-46., @2016

**467.** Kolev, L., A new approach to hull consistency, Archives of Electrical Engineering 65(2):305-314, 2016., @2016

**468.** Kolev, L., A Direct Method for Determining a P-Solution of Linear Parametric Systems, J. Appl. Computat. Math. 2016, 5(1):294., @2016

**180.** Ioffe, A., Lucchetti, R., **Revalski, J.P.**. Almost every convex or quadratic programming problem is well-posed. Mathematics of Operations Research, 29, 2, 2004, 369-382. ISI IF:1.044

Цумура се в:

**469.** V.D. Dang, H.V. Ha and T.S. Pham, Well-Posedness in Unconstrained Polynomial Optimization Problems, SIAM Journal on Optimization (2016), Vol.26, Issue 3, 1411-1428, @2016

**181.** Feichtinger, G., **Ts. Tsachev, V.M. Veliov.** Maximum principle for age and duration structured systems: a tool for optimal prevention and treatment of HIV. Mathematical Population Studies, 11, 1, Taylor & Francis, 2004, ISSN:0889-8480, 3-28

Цумура се в:

**470.** A. Widder, C. Kuehn, Heterogeneous Population Dynamics and Scaling Laws near Epidemic Outbreaks, Mathematical Biosciences and Engineering, v. 13 (2016), No 5, 1093—1118, @2016

**182. Bazhlekov, I.B.,** P.D. Anderson, H.EH Meijer. Nonsingular boundary integral method for deformable drops in viscous flows. Physics of Fluids, 16, 4, 2004, 1064-1081

Цумура се в:

**471.** Guckenberger, A., Schraml, M.P., Chen, P.G., Leonetti, M., Gekle, S. On the bending algorithms for soft objects in flows (2016) Computer Physics Communications, 207, pp. 1-23., @2016

**472.** Foucard, L., Vernerey, F.J. A particle-based moving interface method (PMIM) for modeling the large deformation of boundaries in soft matter systems (2016) International Journal for Numerical Methods in Engineering, 107 (11), pp. 923-946., @2016

**473.** Kamp, Johannes, Jörn Villwock, and Matthias Kraume. "Drop coalescence in technical liquid/liquid applications: a review on experimental techniques and modeling approaches." Reviews in Chemical Engineering (2016). DOI: 10.1515/revce-2015-0071, @2016

**474.** Siqueira, Ivan, Rodrigo Rebouças, Taygoara de Oliveira, and Francisco Cunha. "A new mesh relaxation approach and automatic time-step control method for boundary integral simulations of a viscous drop." International Journal for Numerical Methods in Fluids. DOI: 10.1002/fld.4346, @2016



183. **Drensky, V.**, Gerritzen, L.. Nonassociative exponential and logarithm. J. Algebra, 272, 1, 2004, 311-320. ISI IF:0.554

Цитирана се е:

475. J. Mostovoy, J.M. P\'erez-Izquierdo, I.P. Shestakov, A non-associative Baker-Campbell-Hausdorff formula, arXiv: 1605.00953v1 [math.RA]., @2016

184. **Kiryakova, V.** The multi-index Mittag-Leffler functions as generators of fractional calculus operators and Laplace transforms. Internat. Conference on Mathematics and Its Applications (ICMA 2004), Proc., Kuwait University, 2004, 169-175

Цитирана се е:

476. Pshibihova, R.A., The Goursat problem for the fractional telegraph equation with Caputo derivatives \ Mathematical Notes, 99, No 3-4, pp. 552-555, @2016

185. **Drensky, V.**, Formanek, E.. Polynomial Identity Rings. Advanced Courses in Mathematics, CRM Barcelona, Birkh\"user, Basel-Boston, 2004, 206

Цитирана се е:

477. L. Centrone, The  $\mathbb{Z}$ -graded identities of the Grassmann algebra, Arch. Math., Brno 52 (2016), No. 3, 141-158., @2016

478. B.W. Madill, On the Jacobson radical of skew polynomial extensions of rings satisfying a polynomial identity, Comm. Algebra 44 (2016), No. 3, 913-918., @2016

479. U. Thiel, Restricted rational Cherednik algebras, arXiv: 1603.05230v1 [math.RT]., @2016

480. D. Diniz, M. da Silva Souza, Specht property for the 2-graded identities of the Jordan algebra of a bilinear form, Comm. Algebra 45 (2017), No. 4, 1618-1626., @2016

481. X. Gao, L. Guo, Rota's Classification Problem, rewriting systems and Gr\"obner-Shirshov bases, J. Algebra 470 (2017), 219-253., @2016

482. L. Centrone, L.F. Gon\c{c}alves Fonseca, On the  $\mathbb{Z}_2$ -graded codimensions of the Grassmann algebra over a finite field, arXiv: 1602.01214v1 [math.RA]., @2016

483. J. Sziget, J. van den Berg, L. van Wyk, M. Ziemkowski, The maximum dimension of a Lie nilpotent subalgebra of  $M_n(F)$  of index  $m$ , arXiv: 1608.04562v1 [math.RA]., @2016

484. P.A.A.B. Carvalho, S. Koenig, C. Lomp, A. Shalile, Ring theoretical properties of affine cellular algebras, arXiv: 1609.01771v1 [math.RT]., @2016

485. C. Procesi, The geometry of polynomial identities, Izvestiya: Mathematics 80 (2016), No. 5, 103-152., @2016

186. **Stoimenova, V. K.**, Atanasov, D., **Yanev, N. M.** Simulation and Robust Modifications of Estimates in Branching Processes.. Pliska - Stud. Math. Bulgar., 16, 2004, 259-271

Цитирана се е:

486. Dominic Schuhmachera, Anja Sturma, Henryk Z\"ahleb. On qualitative robustness of the Lotka–Nagaev estimator for the offspring mean of a supercritical Galton–Watson process. Journal of Statistical Planning and Inference, Volume 169, February 2016, Pages 56–70., @2016

187. **Stoimenova, E.**, M. Datcheva, T. Schanz. Application of two-phase regression to geotechnical data. Pliska Stud. Math. Bulgar., 16, Institute of Mathematics and Informatics, 2004, ISSN:0204-9805, 245-

Цитира се в:

**487.** Zhou, C. Efficient hysteresis loop analysis based structural health monitoring of civil structures. PhD thesis, University of Canterbury, @2016

- 188.** Combes, J.-M., Hislop, P. D., Klopp, F., **Raikov, G.** Global Continuity of the Integrated Density of States for Random Landau Hamiltonians. Communications in Partial Differential Equations, 29, 7-8, Taylor and Francis, 2004, ISSN:0360-5302, 1187-1213. ISI IF:1.444

Цитира се в:

**488.** M. Täufer, I. Veselic, Wegner estimate for Landau-breather Hamiltonians, J. Math. Phys. 57 (2016), 072102, 8 pp., @2016

- 189.** **Baicheva, T., Bouyukliev, I., Dodunekov, S.,** Willems, W.. On the  $[10, 5, 6]$  Reed-Solomon and Glynn codes. Mathematica Balkanica, New Series, 18, 1-2, 2004, ISSN:0205-3217, 67-78

Цитира се в:

**489.** L. Jin and C. Xing, New MDS Self-Dual Codes from Generalized Reed-Solomon Codes, arXiv:1601.04467, 2016., @2016

- 190.** **Krachunov, Rossen S, Kaishev, Vladimir K,** Ignatov, Zvetan G. Optimal retention levels, given the joint survival of cedent and reinsurer. Scandinavian Actuarial Journal, 6, 2004, ISSN:0346-1238, 401-430. ISI IF:1.412

Цитира се в:

**490.** Jiang, Wenjun, Jiandong Ren, and Ricardas Zitikas. "Optimal Reinsurance Policies When the Interests of Both the Cedent and the Reinsurer are Taken into Account." (2016)., @2016

**491.** Zhou, Jieming, Xiangqun Yang, and Ya Huang. "Robust optimal investment and proportional reinsurance towards joint interests of the insurer and the reinsurer." Communications in Statistics-Theory and Methods just-accepted (2016)., @2016

**492.** KARAGEYİK, Başak BULUT, and Şule ŞAHİN. "A Review on Optimal Reinsurance under Ruin Probability Constraint." Journal of Statisticians: Statistics and Actuarial Sciences, IDIA 9, 2016, 1, 26-36 ., @2016

- 191.** Gavrilov L., **I.D. Iliev.** Complete hyperelliptic integrals of the first kind and their non-oscillation. Trans. Amer. Math. Soc., 356, 3, AMS, 2004, ISSN:0002-9947, DOI:http://dx.doi.org/10.1090/S0002-9947-03-03432-9, 1185-1207. ISI IF:0.839

Цитира се в:

**493.** Kuilin Wu, Shimin Li, Limit cycles for perturbing Hamiltonian system inside piecewise smooth polynomial differential system, Advances in Difference Equations (2016) 2016:228; DOI 10.1186/s13662-016-0957-5, 8 pp. IF 0.297 (2015), @2016

**494.** Jihua Wang, Bound the number of limit cycles bifurcating from center of polynomial Hamiltonian system via interval analysis, Chaos, Solitons & Fractals, Volume 87, June 2016, Pages 30–38 IF 1.448 (2014), @2016

- 192.** Blair, D., **Davidov, J., Mushkarov, O.** Isotropic Kahler twistor spaces. Journal of Geometry and Physics, 52, 1, Elsevier, 2004, ISSN:0393-0440, 74-88. ISI IF:1.048

Цитира се в:

- 495.** G.Vilcu, Paraquaternionic CR-submanifolds, in "Geometry of Cauchy-Riemann submanifolds" (S. Dragomir, M.H.Shahid, F.R.Al-Solamy, eds), Springer, 2016, pp.361-390., @2016
- 496.** T.Sukilovic, Geometric properties of neutral signature metrics on 4-dimensional nilpotent Lie groups, Rivista Un. Mat. Argentina 56 (2016), 23-47, @2016
- 193.** Fernández, C, **Raikov, G D.** On the singularities of the magnetic spectral shift function at the Landau levels. Annales Henri Poincaré, 5, 2, Springer, 2004, ISSN:1424-0637, 381-403. ISI IF:1.643

Цитира се в:

- 497.** V. Bruneau, D. Sambou, Counting function of magnetic resonances for exterior problems, Annales Henri Poincaré, 17 (2016), 3443-3471., @2016
- 498.** V. Bruneau, D. Sambou, Spectral clusters for magnetic exterior problems, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 57-70, Springer International Publishing, 2016., @2016
- 499.** D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 205-221, Springer International Publishing, 2016., @2016
- 194.** **S. Markov.** On Quasilinear Spaces of Convex Bodies and Intervals. Journal of Computational and Applied Mathematics, 162, 1, Elsevier, 2004, ISSN:0377-0427, DOI:doi:10.1016/j.cam.2003.08.016, 93-112

Цитира се в:

- 500.** Bica, A. M., The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation, International Journal of Approximate Reasoning , 68 pp. 27 - 44 . 2016, @2016
- 501.** Holcapek, M., Wrublová, M., Bacovský, M., Quotient MI-groups, Fuzzy Sets and Systems 283, pp. 1 - 25, 2016, @2016
- 195.** Mitov, K. M., **Yanev, N. M.** Limiting distributions for lifetimes in alternating renewal processes. Pliska Studia Mathematica Bulgarica, 16, 1, 2004, 137-145

Цитира се в:

- 502.** Antonio Di Crescenzo and Alessandra Meoli. On a fractional alternating Poisson process. AIMS Mathematics, 1(3): 212-224., @2016

---

**2005**

---

- 196.** **Bogdanova G.,** Tsv. Georgieva. Discovering the Association Rules in OLAP Data Cube with Daily Downloads of Folklore Materials. In Proceedings of the International Conference on Computer Systems and Technologies, Varna, 2005, IIIB.23-1-IIIB.23-6

Цитира се в:

- 503.** Usman, Muhammad, and M. Usman. "Multi-Level Mining and Visualization of Informative Association Rules." Journal of information Science and Engineering 32.4 (2016): 1061-1078, @2016

197. **Илев, А., Kyurkchiev, N.** Some methods for simultaneous extraction of a part of all multiple roots of algebraic polynomials. Computing, 75, 2005, 85-97. ISI IF:0.872

Цитира се в:

504. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “ доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016

198. **М. I. Krastanov, V. M. Veliov.** On the controllability of switching linear systems. 41, 4, Elsevier, 2005, 663-668. ISI IF:3.02

Цитира се в:

505. Podivilova, E., Vargas, A.N., Shiryaev, V., Acho, L., Set-valued estimation of switching linear system: An application to an automotive throttle valve, International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 29 (4), pp. 755-762, 2016, @2016

199. Blair D., **Davidov J., Mushkarov O.** Hyperbolic twistor spaces. Rocky mountain journal of mathematics, 35, 5, Rocky Mountain Mathematics Consortium, 2005, ISSN:0035-7596, DOI:10.1216/rmjm/1181069645, 1437-1465. ISI IF:0.196

Цитира се в:

506. G.Vilcu, Paraquaternionic CR-submanifolds, in "Geometry of Cauchy-Riemann submanifolds" (S.Dragomir, M.H.Shahid, F.R.Al-Solamy, eds.), Springer, 2016, pp. 361-390., @2016

507. G. Vilcu, On generic submanifolds of manifolds endowed with mixed 3-structures, Comm. Contemp. Math. 18, No 6 (2016), 1550081, 21 pages, @2016

200. Zhang, N., Ryan, M., **Guelev, D. P.** Evaluating Access Control Policies through Model-checking. Information Security, ISC 2005. Proceedings, LNCS 3650, Springer-Verlag, 2005, ISBN:978-3-540-2900, DOI:10.1007/11556992\_32, 446-460

Цитира се в:

508. Bertolino, Antonia and Daoudagh, Said and Lonetti, Francesca and Marchetti, Eda, Testing Access Control Policies Against Intended Access Rights, Proceedings of the 31st Annual ACM Symposium on Applied Computing (SAC '16), 2016, isbn 78-1-4503-3739-7 pp 1641--1647, doi 10.1145/2851613.2851829, ACM, @2016

509. Karimi, Vahid R. , Alencar, Paulo S. C. , Cowan, Donald D. A formal modeling and analysis approach for access control rules, policies, and their combinations. International Journal of Information Security. DOI 10.1007/s10207-016-0314-4, Print ISSN 1615-5262, Online ISSN 1615-5270, Springer, 32 p., @2016

201. **Paneva D., L. Pavlova-Draganova, L. Draganov.** Digital Libraries for Presentation and Preservation of East-Christian Heritage. In: Proceedings of the Second HUBUSKA Open Workshop „Generic Issues of Knowledge Technologies”, Budapest, Hungary, 2005, ISBN:954 91700 2 0, 75-83

Цитира се в:

510. Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016

202. **Dimova M.**, Kaschiev M., Vinitsky S.. Kantorovich method for high accuracy calculations of a hydrogen atom in a strong magnetic field: low-lying excited states. Journal of Physics B: Atomic, Molecular and Optical Physics, 38, 14, 2005, DOI:10.1088/0953-4075/38/14/002, 2337-2352. ISI IF:1.913

Цитира се в:

511. G. Zhao, et al. , Laboratory astrophysics with laser-driven strong magnetic fields in China, High Power Laser Science and Engineering, (2016), Vol. 4, e27, 4 pages, doi:10.1017/hpl.2016.27, @2016
203. Kim, Dan J., Yong I. Song, **S.B. Braynov**, H.R. Rao. A multidimensional trust formation model in B-to-C e-commerce: a conceptual framework and content analyses of academia/practitioner perspectives. Decision Support Systems, 40, 2, 2005, 143-165

Цитира се в:

512. Ghasemaghaei, Maryam, and Khaled Hassanein. "A macro model of online information quality perceptions: A review and synthesis of the literature." Computers in Human Behavior 55 (2016): 972-991., @2016
204. **Pavlov, R., Paneva, D.** Towards a Creative Exploitation of Digitised Knowledge in eLearning Systems. Open Workshop „Multimedia Digital Libraries as Content Providers for eLearning Solutions” 10-11 October, 2005, Paris, France, 2005

Цитира се в:

513. Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016
205. Bruneau, V., Pushnitski, A., **Raikov, G.** Spectral shift function in strong magnetic fields. St. Petersburg Mathematical Journal, 16, 1, AMS, 2005, ISSN:1547-7371, 181-209

Цитира се в:

514. D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 205-221, Springer International Publishing, 2016., @2016
206. **Braeken An, Borissov Yuri**, Nikova Svetla, Preneel Bart. Classification of Boolean functions of 6 variables or less with respect to some cryptographic properties. Automata, Languages and Programming, Springer Berlin Heidelberg, 2005, 324-334. SJR:0.51

Цитира се в:

515. Carlet, Claude, and Sihem Mesnager. "Four decades of research on bent functions." Designs, Codes and Cryptography 78.1 (2016): 5-50., @2016
516. Y Zhang, G Yang, W Hung, J Zhang, Computing Affine Equivalence Classes of Boolean Functions by Group Isomorphism, IEEE Transactions on Computers, Volume: 65, Issue: 12, Dec. 1 2016, pp. 3606 - 3616, DOI: 10.1109/TC.2016.2557329, @2016
207. **Iliev I.D.**, Chengzhi Li, Jiang Yu. Bifurcations of limit cycles from quadratic non-Hamiltonian systems with two centres and two unbounded heteroclinic loops. Nonlinearity, 18, 1, IOP Publishing and the London Math. Society, 2005, ISSN:0951-7715, DOI:10.1088/0951-7715/18/1/016, 305-330. ISI IF:1.008

Цитира се в:

517. Jean-Pierre Francoise, Lubomir Gavrilov, Dongmei Xiao, Hilbert's 16th problem on a period annulus and Nash space of arcs, Preprint arXiv:1610.07582v1 [math.DS], 24 Oct 2016, 23 pp., @2016
208. Gavrilov L., **I.D. Пиев**. The displacement map associated to polynomial unfoldings of planar Hamiltonian vector fields. Amer. J. Math, 127, 6, THE JOHNS HOPKINS UNIVERSITY PRESS, 2005, ISSN:0002-9327, 1153-1190. ISI IF:0.978
- Цитира се в:*
518. Dmitrii A. Sadovski, Nekhoroshev's approach to Hamiltonian monodromy, Regular and Chaotic Dynamics 21 (2016), no. 6, 720--758. First Online: 18 December 2016; DOI: 10.1134/S1560354716060113 IF 0.860 (2015), @2016
519. Ameni Gargouri, On the perturbations theory of the Duffng oscillator in a complex domain, Ph.D. Thesis (10 December 2015), Faculty of Sciences, Sfax University, Tunisia, and Institut de Mathématiques de Toulouse, Paul Sabatier University, France (2016), 92 pp., @2016
520. Salomon Rebollo-Perdomo, Poincare--Pontryagin--Melnikov functions for a class of perturbed planar Hamiltonian equations, Qual. Theory Dynam. Syst. [to appear], 26 pp. First online: 07 January 2016. IF 0.766 (2014), @2016
209. **Kanev V.** Hurwitz spaces of quadruple coverings of elliptic curves and the moduli space of Abelian threefolds  $A_3(1,1,4)$ . Mathematische Nachrichten, 278, 1 - 2, Wiley-VCH Verlag, 2005, ISSN:0025-584X, DOI:10.1002/mana200310233, 154-172. ISI IF:0.465

*Цитира се в:*

521. Li, Binru ; Weigl, Sascha . The locus of curves with  $D_n$ -symmetry inside  $M_g$ . Rend. Circ. Mat. Palermo (2) 65 (2016), no. 1, 33—45., @2016
210. **Держанский, И.** Обобщенная категория уменьшительности в русском и болгарском языках. И.А. Шаронов (ред.), Материалы международной конференции «Эмоции в языке и речи», Москва: РГГУ, 2005, ISBN:5-7281-0826-1, 74-85

*Цитира се в:*

522. Тагабилева, М.Г. Сопоставительный анализ моделей диминутивного словообразования (на материале существительных женского рода в южнославянских языках). Диссертация на соискание ученой степени кандидата филологических наук. Москва., @2016

---

**2006**

---

211. **Bouyukliev I.**, Fack V., Willems W., Winne J.. Projective two-weight codes with small parameters and their corresponding graphs. Des. Codes Cryptography, 41, 1, Kluwer Academic Publishers, 2006, ISSN:0925-1022, DOI:10.1007/s10623-006-0019-1, 59-78. ISI IF:0.958

*Цитира се в:*

523. Crnkovic, D., Maksimovic, M., Rodrigues, B. G., & Rukavina, S. (2016). Self-orthogonal codes from the strongly regular graphs on up to 40 vertices. Advances in Mathematics of Communications, 10(3), 555-582. doi:10.3934/amc.2016026, @2016
524. Shi, M., & Chen, L. (2016). Construction of two-lee weight codes over  $\mathbb{F}_p + v\mathbb{F}_p + v^2\mathbb{F}_p$ . International Journal of Computer Mathematics, 93(3), 415-424. doi:10.1080/00207160.2014.989709, @2016

525. Shi, M., Wang, D., Gao, J., & Wu, B. (2016). Construction of one-gray weight codes and two-gray weight codes over  $\mathbb{F}_4 + u\mathbb{F}_4$ . *Journal of Systems Science and Complexity*, 29(5), 1472-1484. doi:10.1007/s11424-016-5286-y, @2016
526. Shi, M., Wang, D., & Sole, P. (2016). Linear codes over  $\mathbb{F}_3 + u\mathbb{F}_3 + u^2\mathbb{F}_3$ : Macwilliams identities, optimal ternary codes from one-lee weight codes and two-lee weight codes. *Journal of Applied Mathematics and Computing*, 51(1-2), 527-544. doi:10.1007/s12190-015-0918-2, @2016
527. CRNKOVIC, D., MAKSIMOVIC, M., Rodrigues, B. G., & Rukavina, S. (2016). SELF-ORTHOGONAL CODES FROM THE STRONGLY REGULAR GRAPHS ON UP TO 40 VERTICES. *Advances in Mathematics of Communications*, 10(3), @2016
212. Илиев, А., Христозов, Г., Терзиева, Т.. Софтуерна среда за представяне на динамични модели с възможност за статистика. Национална конференция – Образованието в информационното общество, Пловдив, 2006, 2006, ISBN:954-8986-22-1, 38-43

Цитира се в:

528. Kyurkchiev, P., Extendable Architecture for Process Simulation System with Possibility of Work With Large Number of External Libraries, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016
529. Matanski, V., Exploring Synesthesia Utilizing Software Technologies, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016
213. Popova, E. D.. Improved solution enclosures for over- and underdetermined interval linear systems. *Large-Scale Scientific Computing, LNCS*, 3743, Springer, 2006, ISBN:978-3-540-31995-5, DOI:10.1007/11666806\_34, 305-312. SJR:0.313

Цитира се в:

530. S. P. Adam, G. D. Magoulas, D. A. Karras, and M. N. Vrahatis, Bounding the Search Space for Global Optimization of Neural Networks Learning Error: An Interval Analysis Approach, *Journal of Machine Learning Research*, (2016), 17(169): 1-40., @2016
531. J. Horáček, M. Hladík, M. Černý, Interval Linear Algebra and Computational Complexity, arXiv preprint, arXiv:1602.00349, 2016., @2016
214. Илиев, А., Kyurkchiev, N., Fang, Q.. On a generalization of the Euler - Chebyshev method for simultaneous extraction of only a part of all roots of polynomials. *Japan J. of Industrial and Appl. Math.*, 23, 1, 2006, 63-73. ISI IF:0.362

Цитира се в:

532. М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “ доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2016; <http://procedures.uniplovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016
215. Davidov J., Mushkarov O.. Twistor spaces of generalized complex structures. *Journal of geometry and physics*, 56, 9, Elsevier, 2006, ISSN:0393-0440, DOI:10.1016/j.geomphys.2005.09.001, 1623-1636. ISI IF:0.956

Цитира се в:

533. Z.Kasap, Euler-Lagrange equations for holomorphic structures on twistorial generalized Kahler manifolds, New trends in mathematical sciences, 4 (2016), 193-202, @2016

534. Z. Kasap, Weyl–Euler–Lagrange equations on twistor space for tangent structure, Int. J. Geom. Methods Mod. Phys. Vol.13, No. 07, 2016, @2016

535. G. Deschamps, Espace des twisteurs d'une variété quaternionique Kähler généralisée, Annales de la faculté des sciences de Toulouse, 2016, arXiv:1401.5605 v4, 15 Jan 2016, @2016

216. Dineva P., Manolis G., **Rangelov T.** Sub-surface crack in an inhomogeneous half-plane: wave scattering phenomena by BIEM. Eng. Anal. Bound. Elem., 30, 5, 2006, 350-365. ISI IF:0.883

Цитира се в:

536. Rafael Ávila-Carrera\*, Alejandro Rodríguez-Castellanos, Celestino Valle-Molina, Francisco José Sánchez-Sesma, Francisco Luzón and Ernesto González-Flores, Numerical simulation of multiple scattering of P and SV waves caused by near-surface parallel cracks, Geofísica Internacional (2016) 55-4: 275-291., @2016

217. **Markov, S., Anguelov, R.,** Sendov, B.. The set of Hausdorff continuous functions - The largest linear space of interval functions. Reliable Computing, 12, 5, Univ. of Louisiana, 2006, DOI:doi:10.1007/s11155-006-9006-5, 337-363

Цитира се в:

537. Peressini, A. F., Imprecise Probability and Chance, Erkenntnis Vol. 81, Issue 3, 1 June 2016, Pages 561-586., @2016

218. **Kiryakova, V.** On two Saigo's fractional integral operators in the class of univalent functions. Fractional Calculus and Applied Analysis, 9, 2, IMI- BAS, 2006, ISSN:1311-0454, 159-176

Цитира се в:

538. Agarwal, P., Fractional calculus operators and their image formulas \ Journal of the Korean Mathematical Society, 53, No 5, pp. 1183-1210, @2016

539. Anastassiou, G.A., The most general fractional representation formula for functions and consequences \ Studies in Computational Intelligence, 69, pp. 391-399, @2016

540. Agarwal, P., Fractional calculus operators and their image formulas \ Journal of the Korean Mathematical Society, 53, No 5, pp. 1183-1210, @2016

219. **Bouyukliev I.** On the binary projective codes with dimension 6. Discrete Applied Mathematics, 154, 12, 2006, DOI:10.1007/s10623-006-0019-1, 1693-1708. ISI IF:0.781

Цитира се в:

541. Crnkovic, D., Maksimovic, M., Rodrigues, B. G., & Rukavina, S. (2016). Self-orthogonal codes from the strongly regular graphs on up to 40 vertices. Advances in Mathematics of Communications, 10(3), 555-582. doi:10.3934/amc.2016026, @2016

542. Martis, M., Bamberg, J., & Morris, S. (2016). An enumeration of certain projective ternary two-weight codes. Journal of Combinatorial Designs, 24(1), 21-35. doi:10.1002/jcd.21420, @2016

220. **Stanchev P.,** D. Green Jr, B. Dimitrov. Some issues in the art image database systems. Journal of Digital Information Management, 4, 4, 2006

Цитира се в:



**543.** Beaudoin, J.E., 2016. Content-based image retrieval methods and professional image users. Journal of the Association for Information Science and Technology, 67(2), pp.350-365., @2016

**221. Bazhlekov, I.B.,** P.D. Anderson, H.EH Meijer. Numerical investigation of the effect of insoluble surfactants on drop deformation and breakup in simple shear flow. Journal of colloid and interface science, 298, 1, 2006, 369-394

Цумура се в:

**544.** Anna, S.L. Droplets and Bubbles in Microfluidic Devices (2016) Annual Review of Fluid Mechanics, 48, pp. 285-309., @2016

**545.** Cardinaels, Ruth, and Paula Moldenaers. "Morphology development in immiscible polymer blends." Polymer Morphology: Principles, Characterization, and Processing (2016): 348-373., @2016

**222. Drensky, V.,** Sadikova, L.. Generators of invariants of two 4 x 4 matrices. C.R. Acad. Bulg. Sci., 59, 5, BAS, 2006, 477-484

Цумура се в:

**546.** A. Lopatin, Identities for mixed representations of quiver are finitely based, arXiv:1612.07732v1 [math.RA]., @2016

**547.** K. Gongopadhyay, S. Lawton, Invariants of pairs in  $\text{SL}(4, \mathbb{C})$  and  $\text{SU}(3, 1)$ , arXiv: 1602.08392v1 [math.AG]., @2016

**223. Paneva D.** Use of Ontology-based Student Model in Semantic-oriented Access to the Knowledge in Digital Libraries. In the Proceedings of the Fourth HUBUSKA Open Workshop „Semantic Web and Knowledge Technologies Applications”, 12 September, 2006, Varna, Bulgaria, 2006, ISBN:978 954 8986 23 6, 31-41

Цумура се в:

**548.** Nafea, S. , LA Maglaras, F Siewe, R Smith, H Janicke, Personalized Students' Profile Based On Ontology and Rule-based Reasoning, EAI Endorsed Transactions on e-Learning, volume 3, issue: 12, 2016, doi: 10.4108/eai.2-12-2016.151720, @2016

**549.** Rani, M., K. V. Srivastava and O. P. Vyas., An Ontological Learning Management System, Computer Applications in Engineering Education, Wiley Online Library, 2016. DOI: 10.1002/cae.21742, @2016

**550.** Shima Oufa, Mahmoud Abd Ellatif, S.E. Salamab, Yehia Helmya, A proposed paradigm for smart learning environment based on semantic web, Computers in Human Behavior, September, 2016, @2016

**224. Pavlov, R., Paneva, D.** Interactive TV-based Learning, Models and Standards. HUBUSKA Open Workshop Semantic Web and Knowledge Technologies, 2006, 70-99

Цумура се в:

**551.** Adriana Xiomara REYES Gamboa, Jovani JIMÉNEZ Builes, Darío Enrique SOTO Duran, Applied knowledge management T-Learning, Espacios. Vol. 37 (Nº 25) Año 2016. Pág. 27, @2016

**552.** Adriana Xiomara Reyes Gamboa, Jovani Jiménez Builes, Darío Enrique Soto Durán, Un modelo ágil para el desarrollo de contenido para T-learning (An Agile model for the development of T-learning content), Cuaderno Activa, 8, 41-47, 2016, ISSN:2027-8101, @2016

553. Adriana Xiomara REYES Gamboa, Jovani JIMÉNEZ Builes, Dario Enrique SOTO Duran, Gestión de conocimiento aplicada al T-Learning (Applied knowledge management T-Learning), 2016, Revista Espacios. Vol. 37 (Nº 25) Año 2016, ISSN 0798 1015, @2016

225. **Popova, E. D.**, Iankov, R., Bonev, Z.. Bounding the Response of Mechanical Structures with Uncertainties in all the Parameters. Proceedings of the NSF Workshop on Reliable Engineering Computing (REC), Savannah, Georgia USA, Feb. 22-24, 2006., 2006, 245-265

Цитира се в:

554. Jamshid Karami, Interval Finite Element Analysis of Structures, 2nd International Conference on Urban Development- Based on New Technologies, At Sanandaj, Iran, March 2016., @2016

555. Skalna, I., Duda, J., A Study on Vectorisation and Paralellisation of the Monotonicity Approach, in Wyrzykowski, R. et al. (Eds) Parallel Processing and Applied Mathematics, Lecture Notes in Computer Science 9574, 2016, pp 455-463., @2016

226. Kartalev, M., M. Dryer, K. Grigorov, **E. Stoimenova**. Solar wind polytropic index estimates based on single spacecraft plasma and interplanetary magnetic field measurements. Journal of Geophysical Research - Space Physics, 111, Wiley, 2006, ISSN:2169-9402, DOI:10.1029/2006JA011760, 1-16. ISI IF:3.44

Цитира се в:

556. Livadiotis, G. "Superposition of polytropes in the inner heliosheath." The Astrophysical Journal Supplement Series, Volume 223, Number 1, @2016

557. Xuexia, P., Cao, J. and Ma, Y. Polytropic index of magnetosheath ions based on homogeneous MHD Bernoulli Integral. Journal of Geophysical Research: Space Physics. Vol: 121, Pages: 2349–2359 DOI: 10.1002/2015JA022303, @2016

558. Zhang, Y., Charles, C., & Boswell, R. (2016). A polytropic model for space and laboratory plasmas described by bi-maxwellian electron distributions. The Astrophysical Journal, 829(1), 10, @2016

559. Scherer, K., Fichtner, H., Fahr, H. J., R\"oken, C., & Kleimann, J. (2016). Generalized multi-polytropic Rankine-Hugoniot relations and the entropy condition. arXiv preprint arXiv:1610.04381, @2016

560. Livadiotis, G., & Desai, M. I. Plasma-field coupling at small length scales in solar wind near 1 au. The Astrophysical Journal, 829(2), 88., @2016

227. **Nikolov N**, W. Zwonek. The Bergman kernel of the symmetrized polydisc in higher dimensions has zeros. Arch. Math., 87, 2006, 412-416. ISI IF:0.341

Цитира се в:

561. T. Beberok, The Bergman kernel for intersection of two complex ellipsoids, Bull. Korean Math. Soc. 53 (2016), 1291–1308., @2016

562. J.-D. Park, The zeros of the Bergman kernel for some Reinhardt domains, J. Funct. Spaces. 2016 (2016), 1-9., @2016

228. Popivanov, D., Stomonyakov, V., **Minchev, Z.**, Jivkova, S., Dojnov, P., Jivkov, S., Christova, E., Kosev, S.. Multifractality of Decomposed EEG During Imaginary and Real Visual-Motor Tracking. Biological Cybernetics, 94, 2, Springer-Verlag, 2006, ISSN:1432-0770, DOI:10.1007/s00422-005-0037-5, 149-156. ISI IF:1.713

Цитира се в:

- 563.** Tozzi, A., Peters, J., Çankaya, M., Korbel, J., Zare, M., Papo, D. An entropic link between power laws and spike frequency in brain, Technical Report, January 2016, Center for Nonlinear Science, University of North Texas, Denton, Texas, DOI 10.13140/RG.2.1.1812.5848, @2016
- 564.** Tozzi, A., Peters, J., Çankaya, M., Korbel, J., Zare, M., Papo, D. Brain Fractal Slopes Dictate Spike Frequencies, via Informational Entropy, Technical Report, Computational Intelligence Laboratory, University of Manitoba, Winnipeg, Canada, September, 2016, DOI: 10.13140/RG.2.2.34839.78248, @2016
- 565.** Z-Flores, E., Trujillo, L., Sotelo, A., Legrand, P., Coria, L. Regularity and Matching Pursuit Feature Extraction for the Detection of Epileptic Seizures, Journal of Neuroscience Methods, Vol. 266, 2016, 107–125, ISSN 0165-0270, DOI: 10.1016/j.jneumeth.2016.03.024, 5 Year IF = 2.245, @2016
- 566.** Raiesdana, S. Quantifying the dynamic of OSA brain using multifractal formalism: A novel measure for sleep fragmentation, Technology and Health Care, Preprint, pp. 1-20, Nov 18, 2016, ISSN 1878-7401, DOI: 10.3233/THC-161278, IF = 0, 678, @2016
- 567.** Neuroimaging Research with Psychedelic Drugs, Frontiers in Human Neuroscience, vol.10, Article 423, pp. 1-3, 2016, DOI: 10.3389/fnhum.2016.00423, ISSN 1662-5161, 5 Year IF = 3.634, @2016

- 229.** Borissov, Y., Braeken A., Nikova S., Preneel B.. Classification of cubic (n-4)-resilient Boolean functions. IEEE transactions on information theory, 52, 4, 2006, ISI IF:3

Цитира се в:

- 568.** B Mazumdar, D Mukhopadhyay, Construction of RSSBs with High Nonlinearity and Improved DPA Resistivity from Balanced RSBFs, IEEE Transactions on Computers, Volume: PP Issue: 99, @2016

- 230.** Popov, B., **Trifonov, O.** One-sided stability and convergence of the Nessyahu-Tadmor scheme. Numerische Mathematik, 104, 4, Springer, 2006, ISSN:0029-599X, DOI:10.1007/s00211-006-0015-4, 539-559. ISI IF:1.813

Цитира се в:

- 569.** Eitan Tadmor, Handbook of Numerical Analysis, Volume 17, 2016, Pages 467-493., @2016

- 231.** Manolis G., **Rangelov T.** Non-homogeneous elastic waves in solid: Notes on the vector decomposition technique. Soil Dynamics and Earthquake Engineering, 26, 2006, 952-959. ISI IF:0.76

Цитира се в:

- 570.** Asari, Shukooh S; Amirfakhrian, Majid, A New Method to Solve One and Two-Dimensional Wave Equations with Uncertainty, Journal of Computational and Theoretical Nanoscience, Volume 13, Number 8, August 2016, pp. 5021-5030., @2016

**2007**

- 232.** **Paneva-Konovska J.** Theorems on the convergence of series in generalized Lommel-Wright functions. Fractional Calculus & Applied Analysis, 10, 1, Издателство на БАН “Проф. Марин Дринов”, 2007, ISSN:ISSN: 1311-0454 (print version), ISSN: 1314-2224 (electronic version), 59-74

Цитира се в:

- 571.** KB Kachhia, JC Prajapati, On generalized fractional kinetic equations involving generalized

233. **Dimitrova, N.**, Zlateva, P.. Stability and Bifurcation Analysis of a Nonlinear Model of Bioreactor. Lecture Notes in Computer Science, 4310, Springer, 2007, ISBN:978-3-540-70940-4, 296-303

Цитира се в:

572. Hamid Boutanfit, Mustapha Serhani, Ali Boutoulout: Stability and bifurcation synthesis in a nonlinear chemostat model. Global Journal of Pure and Applied Mathematics. Vol. 12, 2016, pp. 2877-2899. ISSN 0973-1768, @2016

234. **Maneva N.**. Comparative Analysis: A Feasible Software Engineering Method. Serdica Journal of Computing, 1, 1, 2007, ISSN:1312-6555, 1-12

Цитира се в:

573. С. Гафтанджиева. Модел и система за динамично оценяване на качеството във висшето образование, Дисертация, Пловдив, 2016, @2016

235. **Guelev, D. P.**. Probabilistic Interval Temporal Logic and Duration Calculus with Infinite Intervals: Complete Proof Systems. Logical Methods in Computer Science, 3, 3, Logical Methods in Computer Science e.V., 2007, ISSN:1860-5974, DOI:10.2168/LMCS-3(3:3)2007, 1-44. ISI IF:0.443

Цитира се в:

574. Hung Van Dang, Miaomiao Zhang, Chinh Dinh Pham, Towards Model-Checking Probabilistic Timed Automata against Probabilistic Duration Properties, VNU Journal of Science: Comp. Science & Com. Eng., Vol. 32, No. 1 (2016) 58–73, @2016

236. Wu CH, G Agam, **P Stanchev**. A general framework for vessel segmentation in retinal images. Computational Intelligence in Robotics and Automation, CIRA, 2007

Цитира се в:

575. Qureshi, T.A., 2016. Extraction of arterial and venous trees from disconnected vessel segments in fundus images (Doctoral dissertation, University of Lincoln)., @2016
576. Shahbeig, S. and Helfroush, M.S., 2016. A Novel and Efficient Method to Extract Blood Vessels from Retinal Images. Bulletin de la Société Royale des Sciences de Liège, 85, pp.139-151., @2016

237. Wu C.H., G. Agam, **P. Stanchev**. A hybrid filtering approach to retinal vessel segmentation. 4th IEEE International Symposium on Biomedical Imaging: From Nano to Macro, 2007, 604-607

Цитира се в:

577. Jawaid, M.M., 2016. Segmentation of Soft atherosclerotic plaques using active contour models. arXiv preprint arXiv:1608.00116., @2016

238. **Gerdjikov, V**, Kostov, N, **Valchev T**. Soliton Equations with Deep Reductions. Generalized Fourier Transforms. Topics in Contemporary Differential Geometry, Complex Analysis and Mathematical Physics, World Scientific, 2007, ISBN:13 978 981 270 790 1, 85-96

Цитира се в:

578. A. Constantin, R. Ivanov, Dressing Method for the Degasperis–Procesi Equation, Studies in Appl. Math., DOI: 10.1111/sapm.12149., @2016

- 239. Markov, S., Anguelov, R.** Numerical computations with hausdorff continuous functions. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 4310 LNCS, Springer, 2007, ISBN:3540709401, 279-286

Цитирана се в:

- 579.** Peressini, A. F., Imprecise Probability and Chance, Erkenntnis Vol. 81, Issue 3, 1 June 2016, Pages 561-586., @2016

- 240. Tomanov, G., Kleinbock, D.** Flows on S-arithmetic homogeneous spaces and applications to metric Diophantine approximation. Comment. Math. Helv., 82, 3, Eur. Math. Soc. Publishing House, 2007, DOI:10.4171/CMH, 519-581. ISI IF:0.875

Цитирана се в:

- 580.** Einsiedler, M.; Ghosh, A.; Lytle, B.: Badly approximable vectors, C1 curves and number fields, Ergodic Theory Dynam. Systems 36 (2016), No. 6, 1851-1864., @2016

- 241. Bouyukliev I.** About the code equivalence. Advances in Coding Theory and Cryptology, T. Shaska, W. C. Huffman, D. Joyner, V. Ustimenko, Series, 2007, 126-151

Цитирана се в:

- 581.** Gurel, M., & Yankov, N. (2016). Self-dual codes with an automorphism of order 17. Mathematical Communications, 21(1), 97-107. Retrieved from www.scopus.com, @2016

- 582.** Yankov, Nikolay, and Radka Russeva. "Further results on the classification of binary self-dual [52, 26, 10] codes with an automorphism of odd prime order.", @2016

- 242. Iliev, Al., Zhang, Y., Scordilis, M.S.** Spoken emotion classification using ToBI features and GMM. Proceedings of the 14th International Conference on Signals and Image Processing 2007 and the 6th EURASIP Conference focused on Speech and Image Processing, 2007, IEEE-IWSSIP (Multimedia Communications and Services), 2007, 495-498. SJR:0.797, ISI IF:0.797

Цитирана се в:

- 583.** Iliev, A. I. (2016). Emotion Recognition in Speech using Inter-Sentence Time-Domain Statistics. Emotion, 5(3)., @2016

- 243. Bouyukliev I.** What is Q-extension?. 1, 2, 2007, 115-130

Цитирана се в:

- 584.** HARZALLA, D. "Optimal Generator Matrix and the Automorphism Groups of Linear Binary Codes." International Journal of Engineering Issues 2016.2 (2016)., @2016

- 585.** Bouyuklieva, Stefka, Wolfgang Willems, and Nikolay Yankov. "On the automorphisms of order 15 for a binary self-dual [96, 48, 20] code." Designs, Codes and Cryptography 79.1 (2016): 171-182., @2016

- 586.** On the Relationship between (16, 6, 3)-Designs and (25, 12) Self-Orthogonal Codes N.Nasr Esfahani and G.H.J. van Rees;J. of Combin. Math. & Combin. Computing; accepted (October) 11 pages., @2016

- 244. Popova, E. D., W. Krämer.** Inner and outer bounds for the solution set of parametric linear systems. J. Comput. Appl. Math., 199, 2, 2007, ISSN:0377-0427, DOI:10.1016/j.cam.2005.08.048, 310-316. ISI IF:0.943

Цумура се в:

587. Elishakoff, I., Gabriele, S., Wang, Y., Generalized Galileo Galilei problem in interval setting for functionally related loads, *Archive of Applied Mechanics*, 2016, 86(7): 1203-1217., @2016
588. Marzieh Dehghani-Madiseh , Mehdi Dehghan, Parametric AE-solution sets to the parametric linear systems with multiple right-hand sides and parametric matrix equation  $A(p)X = B(p)$ , *Numerical Algorithms*, 73(1):245-279, 2016., @2016
589. Kolev, L., A Direct Method for Determining a P-Solution of Linear Parametric Systems, *J. Appl. Computat. Math.* 2016, 5(1):294., @2016
245. Korbelt JO, Urban AE, Affourtit JP, Godwin B, Grubert F, Simons JF, Kim PM, **Palejev D**, Carriero NJ, Du L, Taillon BE, Chen Z, Tanzer A, Saunders AC, Chi J, Yang F, Carter NP, Hurler ME, Weissman SM, Harkins TT, Gerstein MB, Egholm M, Snyder M. Paired-end mapping reveals extensive structural variation in the human genome. *Science*, 318, 2007, DOI:10.1126/science.1149504, 420-426. ISI IF:31.48

Цумура се в:

590. Sanders, A.D., Hills, M., Porubský, D., Guryev, V., Falconer, E., Lansdorp, P.M. Characterizing polymorphic inversions in human genomes by single-cell sequencing (2016) *Genome Research*, 26 (11), pp. 1575-1587. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84995581674&doi = 10.1101%2fgr.201160.115&partnerID = 40&md5 = a571d13247f7102bbb07f6e064d982ef](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995581674&doi=10.1101%2fgr.201160.115&partnerID=40&md5=a571d13247f7102bbb07f6e064d982ef) DOI: 10.1101/gr.201160.115, @2016
591. Nguyen, H.T., Boocock, J., Merriman, T.R., Black, M.A. SRBreak: A read-depth and split-read framework to identify breakpoints of different events inside simple copy-number variable regions (2016) *Frontiers in Genetics*, 7 (SEP), art. no. 160, . [https://www.scopus.com/inward/record.uri?eid = 10.3389%2ffgene.2016.00160&partnerID = 40&md5 = 6ec5178fafa04cff5f8657b5fe04385c](https://www.scopus.com/inward/record.uri?eid=10.3389%2ffgene.2016.00160&partnerID=40&md5=6ec5178fafa04cff5f8657b5fe04385c) DOI: 10.3389/fgene.2016.00160, @2016
592. Norman, P.J., Hollenbach, J.A., Nemat-Gorgani, N., Marin, W.M., Norberg, S.J., Ashouri, E., Jayaraman, J., Wroblewski, E.E., Trowsdale, J., Rajalingam, R., Oksenberg, J.R., Chiaroni, J., Guethlein, L.A., Traherne, J.A., Ronaghi, M., Parham, P. Defining KIR and HLA Class I Genotypes at Highest Resolution via High-Throughput Sequencing (2016) *American Journal of Human Genetics*, 99 (2), pp. 375-391. Cited 3 times. DOI: 10.1016/j.ajhg.2016.06.023, @2016
593. Patel, A., Edge, P., Selvaraj, S., Bansal, V., Bafna, V. InPhaDel: Integrative shotgun and proximity-ligation sequencing to phase deletions with single nucleotide polymorphisms (2016) *Nucleic Acids Research*, 44 (12), p. e111. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84979081097&doi = 10.1093%2fnar%2fgkw281&partnerID = 40&md5 = 1aea065658310455968cc3de7b6bb4e2](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979081097&doi=10.1093%2fnar%2fgkw281&partnerID=40&md5=1aea065658310455968cc3de7b6bb4e2) DOI: 10.1093/nar/gkw281, @2016
594. Basit, S., Hannan, M.A., Khoshhal, K.I. Developmental dysplasia of the hip: usefulness of next generation genomic tools for characterizing the underlying genes – a mini review (2016) *Clinical Genetics*, 90 (1), pp. 16-20. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84973615647&doi = 10.1111%2fcge.12755&partnerID = 40&md5 = 87371bc7186df9533d5ffb0ae076ec0c](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973615647&doi=10.1111%2fcge.12755&partnerID=40&md5=87371bc7186df9533d5ffb0ae076ec0c) DOI: 10.1111/cge.12755, @2016
595. Lee, K.H., Nam, H., Jeong, D.E., Kim, S.S., Song, H.J., Pyeon, H.J., Kang, K., Hong, S.-C., Nam, D.-H., Joo, K.M. Sensitive Tumorigenic potential evaluation of adult human Multipotent neural cells immortalized by hTERT Gene transduction (2016) *PLoS ONE*, 11 (7), art. no. e0158639, . [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84978796240&doi = 10.1371%2fjournal.pone.0158639&partnerID = 40&md5 = 3af600f690d95946b06575b7a6028b14](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978796240&doi=10.1371%2fjournal.pone.0158639&partnerID=40&md5=3af600f690d95946b06575b7a6028b14) DOI: 10.1371/journal.pone.0158639, @2016

- 596.** Faber-Hammond, J.J., Brown, K.H. Anchored pseudo-de novo assembly of human genomes identifies extensive sequence variation from unmapped sequence reads (2016) *Human Genetics*, 135 (7), pp. 727-740. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84964009572&doi = 10.1007%2fs00439-016-1667-5&partnerID = 40&md5 = 55a855a5be44d8e7977724561a43e0fa> DOI: 10.1007/s00439-016-1667-5, @2016
- 597.** Lee, J.-K., Choi, Y.-L., Kwon, M., Park, P.J. Mechanisms and Consequences of Cancer Genome Instability: Lessons from Genome Sequencing Studies (2016) *Annual Review of Pathology: Mechanisms of Disease*, 11, pp. 283-312. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84971222718&doi = 10.1146%2fannurev-pathol-012615-044446&partnerID = 40&md5 = d20e11f8fc028797e096a9ea754e8e89> DOI: 10.1146/annurev-pathol-012615-044446, @2016
- 598.** Pan, Q., Hu, H., Han, L., Jing, X., Liu, H., Yang, C., Zhang, F., Hu, Y., Yue, H., Ning, Y. Mapping breakpoints of complex chromosome rearrangements involving a partial trisomy 15q23.1-q26.2 revealed by next generation sequencing and conventional techniques (2016) *PLoS ONE*, 11 (5), art. no. e0154574, . <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84971449569&doi = 10.1371%2fjournal.pone.0154574&partnerID = 40&md5 = 278df8cd97b28c2fe73dc988fd7b0ba3> DOI: 10.1371/journal.pone.0154574, @2016
- 599.** Carvalho, C.M.B., Lupski, J.R. Mechanisms underlying structural variant formation in genomic disorders (2016) *Nature Reviews Genetics*, 17 (4), pp. 224-238. Cited 12 times. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84959194281&doi = 10.1038%2fnrg.2015.25&partnerID = 40&md5 = 0fe319b2d9b4d31a2c5a5137ce8c4379> DOI: 10.1038/nrg.2015.25, @2016
- 600.** Lee, H.-E., Ayarpadikannan, S., Kim, H.-S. Role of transposable elements in genomic rearrangement, evolution, gene regulation and epigenetics in primates (2016) *Genes and Genetic Systems*, 90 (5), pp. 245-257. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84961577125&doi = 10.1266%2fggs.15-00016&partnerID = 40&md5 = 8c12b3f5a249f0d7537edf162ec9c8a1> DOI: 10.1266/ggs.15-00016, @2016
- 601.** Xue, Y., Wilcox, W.R. Changing paradigm of cancer therapy: precision medicine by next-generation sequencing (2016) *Cancer Biology and Medicine*, 13 (1), pp. 12-18. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84969135264&doi = 10.28092%2fj.issn.2095-3941.2016.0003&partnerID = 40&md5 = 261808e41e4d4d6ed749910f9ab87834> DOI: 10.28092/j.issn.2095-3941.2016.0003, @2016
- 602.** Duan, J., Wan, M., Deng, H.-W., Wang, Y.-P. A sparse model based detection of copy number variations from exome sequencing data (2016) *IEEE Transactions on Biomedical Engineering*, 63 (3), art. no. 7180343, pp. 496-505. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84963553357&doi = 10.1109%2fTBME.2015.2464674&partnerID = 40&md5 = cc4934a3f71b54756dd230256aa9ce6a> DOI: 10.1109/TBME.2015.2464674, @2016
- 603.** Marian, A.J. Clinical applications of molecular genetic discoveries (2016) *Translational Research*, 168, pp. 6-14. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84978682963&doi = 10.1016%2fj.trsl.2015.10.005&partnerID = 40&md5 = 8b5c9a756097f5765881942efa2a3253> DOI: 10.1016/j.trsl.2015.10.005, @2016
- 604.** Fogel, B.L., Lee, H., Strom, S.P., Deignan, J.L., Nelson, S.F. Clinical exome sequencing in neurogenetic and neuropsychiatric disorders (2016) *Annals of the New York Academy of Sciences*, 1366 (1), pp. 49-60. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84938718744&doi = 10.1111%2fnyas.12850&partnerID = 40&md5 = 6d14b3325bd01a99366ae662a6c14965> DOI: 10.1111/nyas.12850, @2016
- 605.** Zhao, P., Li, J., Kang, H., Wang, H., Fan, Z., Yin, Z., Wang, J., Zhang, Q., Wang, Z., Liu, J.-F. Structural Variant Detection by Large-scale Sequencing Reveals New Evolutionary Evidence on Breed Divergence between Chinese and European Pigs (2016) *Scientific Reports*, 6, art. no.

18501, . <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84953306948&doi = 10.1038%2fsrep18501&partnerID = 40&md5 = 379d0a29536697c4625c172e92a279ff> DOI: 10.1038/srep18501, @2016

- 606.** Aune, T.M., Spurlock, C.F. Long non-coding RNAs in innate and adaptive immunity (2016) *Virus Research*, 212, pp. 146-160. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84957435194&doi = 10.1016%2fj.virusres.2015.07.003&partnerID = 40&md5 = 72db2c8f0f060b77e67bcd4fe48c8490> DOI: 10.1016/j.virusres.2015.07.003, @2016
- 607.** Bartenhagen, C., Dugas, M. Robust and exact structural variation detection with paired-end and soft-clipped alignments: SoftSV compared with eight algorithms (2016) *Briefings in Bioinformatics*, 17 (1), art. no. bbv028, pp. 51-62. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84960107344&doi = 10.1093%2fbib%2fbbv028&partnerID = 40&md5 = 4f1612a32d94d47c37f7a0615277773b> DOI: 10.1093/bib/bbv028, @2016
- 608.** Shen, Y., Stracquadiano, G., Wang, Y., Yang, K., Mitchell, L.A., Xue, Y., Cai, Y., Chen, T., Dymond, J.S., Kang, K., Gong, J., Zeng, X., Zhang, Y., Li, Y., Feng, Q., Xu, X., Wang, J., Wang, J., Yang, H., Boeke, J.D., Bader, J.S. SCRaMbLE generates designed combinatorial stochastic diversity in synthetic chromosomes (2016) *Genome Research*, 26 (1), pp. 36-49. Cited 3 times. DOI: 10.1101/gr.193433.115, @2016
- 609.** Stančáková, A., Laakso, M. Genetics of type 2 diabetes (2016) *Endocrine Development*, 31, pp. 203-220. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84956615313&doi = 10.1159%2f000439418&partnerID = 40&md5 = 30b2434f48bf6b846effe1d9dbf5b223> DOI: 10.1159/000439418, @2016
- 610.** Cuccaro, D., De Marco, E.V., Cittadella, R., Cavallaro, S. Copy number variants in Alzheimer's disease (2016) *Journal of Alzheimer's Disease*, 55 (1), pp. 37-52. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84994626888&doi = 10.3233%2fJAD-160469&partnerID = 40&md5 = d630b5420e9edc763f959a62e2c2980f> DOI: 10.3233/JAD-160469, @2016
- 611.** Papp, J., Kovacs, M.E., Matrai, Z., Orosz, E., Kásler, M., Børresen-Dale, A.-L., Olah, E. Contribution of APC and MUTYH mutations to familial adenomatous polyposis susceptibility in Hungary (2016) *Familial Cancer*, 15 (1), pp. 85-97. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84952864896&doi = 10.1007%2fs10689-015-9845-5&partnerID = 40&md5 = 101b6a6ee530d4390af1aa91d75a50bd> DOI: 10.1007/s10689-015-9845-5, @2016
- 246.** Bony, J.-F., Bruneau, V., **Raikov, G.** Resonances and Spectral Shift Function near the Landau levels. *Annales de l'Institut Fourier*, 57, 2, 2007, ISSN:0373-0956, DOI:10.5802/aif.2270, 629-671. ISI IF:0.494
- Цитируе се в:*
- 612.** D. Sambou, Spectral analysis near the low ground energy of magnetic Pauli operators, *C. R. Acad. Sci. Paris, Ser. I* 354 (2016), 606-610., @2016
- 613.** D. Sambou, A criterion for the existence of nonreal eigenvalues for a Dirac operator, *New York J. Math.* 22 (2016), 469-500., @2016
- 614.** D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: *Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications*, 254, 205-221, Springer International Publishing, 2016., @2016
- 247.** **Лазаров, Б., Василева, А.** Некоторые дидактические аспекты применения профессиональных программных пакетов в преподавании математики в средней школе и в университетах. *The Teaching*



Цитира се в:

**615.** Караколева, С. Изследване ефективността от прилагането на компютърни програмни системи за изчисление и визуализация в обучението по математика, , @2016

**248. Popova, E. D.** Computer-assisted proofs in solving linear parametric problems. Conference Post-Proceedings of SCAN 2006, International Symposium on Scientific Computing, Computer Arithmetic and Validated Numerics, IEEE Computer Society Press, 2007, ISBN:0-7695-2821-X, DOI:10.1109/SCAN.2006.12

Цитира се в:

**616.** L. Kolev, A Class of Iterative Methods for Determining p-Solutions of Linear Interval Parametric Systems, Reliable Computing, 22 (2016), pp. 26-46., @2016

**249. Гроздев, С, Чехларова, Т.** Върху действието “добавяне” в дейността “решаване на задачи”. Математика и математическо образование, СМБ, 2007, ISBN:978-954-8880-25-1, 331-340

Цитира се в:

**617.** Вълчева, Д., Р. Папанчева. Мултимедийно онагледяване на процеса на решаване на логически задачи в началното училище. сп. Образование и технологии. бр.7, 2016, с.240-244 ISSN 1314–1791, @2016

**250. Davidov J., Diaz-Ramoz J.C., Garcia-Rio E., Matsushita Y., Mushkarov O., Vazwues-Lorenzo R.** Almost Kahler Walker 4-manifolds. Journal of geometry and physics, 57, 3, Elsevier, 2007, ISSN:0393-0440, DOI:10.1016/j.geomphys.2006.09.003, 1075-1088. ISI IF:0.986

Цитира се в:

**618.** M.Iscan, G.Caglar, Para-Kahler-Einstein structures on Walker 4-manifolds, Intern. J. of Geom. Methods in Modern Phys. 13 (2016), 1650006, 9 pages, @2016

**619.** M.Iscan, Almost Hermitian and almost Kahler structures on Walker 4-manifolds, Differential geometry - Dynamical systems 18 (2016), 32-42, @2016

**620.** Z.Kasap, Conformal Weyl-Euler-Lagrangian equations on 4-Walker manifolds, New trends in Math. Sci. 4 (2016), 11-22., @2016

**621.** C.-L.Bejan, S.-L.Druta-Romaniuc, Harmonic functions and quadratic harmonic morphisms on Walker spaces, Turkish J. Math. 40 (2016), 1004-1019., @2016

**251. Paneva, D., Zhelev, Y.** Models, Techniques and Applications of E-Learning Personalization. International Journal „Information Technologies and Knowledge”, 2, 3, 2007, ISSN:1313-0455, 244-250

Цитира се в:

**622.** Chiappe, A. (2016). Prácticas educativas flexibles: un marco para su comprensión. In T.Heran, I. González, & J. Herrera (Eds.), Diagnósticos de flexibilidad y armonización curricular (pp. 188 – 268). Santiago de Chile: DuocUC, ISBN: 978-956-8901-09-7, @2016

**252. Davidov J., Mushkarov O.** Twistorial construction of generalized Kaehler manifolds. Journal of geometry and physics, 57, 3, Elsevier, 2007, ISSN:0393-0440, DOI:10.1016/j.geomphys.2006.06.010 G, 889-901. ISI IF:9.86

Цитира се в:

**623.** G. Deschamps, Espace des twisteurs d'une variété quaternionique  $K^*$  généralisée, Annales de la faculté des sciences de Toulouse, 2016, arXiv:1401.5605 v4, 14 Jan 2016, @2016

**253. Bogdanova G.T., V.A. Zinoviev, T.J. Todorov.** On the construction of q-ary equidistant codes. Problems of Information Transmission, 43, 4, 2007, ISSN:1608-3253, DOI:10.1134/S0032946007040023, 280-302

Цитира се в:

**624.** Borissov, Y. L. "Some new results on Hadamard modulo prime matrices." Problems of Information Transmission 52.2 (2016): 134-141, @2016

**625.** Minder, Lorenz, Thomas Sauerwald, and Sven-Ake Wegner. (2016) "Asymptotic bounds on the equilateral dimension of hypercubes." Graphs and Combinatorics 31.5, 1629-1636., @2016

---

**2008**

---

**254. Kolkovska, N., Georgiev, I., Avramov, I., Russel, Ch..** Crystallization kinetics and network rigidity. J. Phys. Condens. Matter, 20, 33, 2008, ISSN:0953-8984, DOI:doi:10.1088/0953-8984/20/33/335203, 335203. ISI IF:2.346

Цитира се в:

**626.** Manjeet S. Dahiya<sup>1</sup> • Arti Yadav<sup>1</sup> • N. Manyani<sup>1</sup> • S. Chahal<sup>1</sup> • Ashima Hooda<sup>1</sup> • A. Agarwal<sup>2</sup> • S. Khasa<sup>1</sup>, Fe-substituted Co-Li bismuth borate glasses Crystallization kinetics and optical absorption, J Therm Anal Calorim DOI 10.1007/s10973-016-5622-4, 2016, @2016

**627.** Paramjyot Kumar Jha, O.P. Pandey, K. Singh, Non-isothermal crystallization kinetics of K<sub>2</sub>O modified sodium-phosphate glasses, Journal of Non-Crystalline Solids, 440 (2016) 76–84, @2016

**628.** Glass Nanocomposites: Synthesis, Properties and Applications, January 19, 2016, Pages 89-114, Crystallization and Growth Mechanisms of Nanostructures in Silicate Glass: From Complete Characterization Toward Applications. From Complete Characterization Toward Applications, Rademann, K.a, , Raghuwanshi, V.S.ac, Hoell, A.b, book, ISBN :9780323393096, 2016, 408 p., @2016

**255. Baicheva, T..** Determination of the best CRC codes with up to 10-bit redundancy. IEEE Transaction on Communications, 56, 8, 2008, ISSN:00906778, 1214-1220. ISI IF:2.07

Цитира се в:

**629.** C. Bai, Error Control in Bacterial Quorum Communications, PhD Thesis, University of Warwick, May 2016., @2016

**630.** C. Bai, M. S. Leeson, M. D. Higgins, Analysis of ARQ protocols for bacterial quorum communications, Nano Communication Networks, vol. 7, pp. 65-79, March 2016. doi:10.1016/j.nancom.2015.12.001, @2016

**256. Markov Kr., Kr. Ivanova, I. Mitov, St. Karastanev.** Advance of the Access Methods. Int. J "Information Technologies and Knowledge", 2, 2, 2008

Цитира се в:

**631.** Wang, S., Maier, D., & Ooi, B. C. (2016). Fast and adaptive indexing of multi-dimensional observational data. Proceedings of the VLDB Endowment, 9(14), 1683-1694., @2016

257. **M. I. Krastanov.** On the constrained small-time controllability of linear systems. 9, Elsevier, 2008, 2370-2374. ISI IF:3.02

Цитирана се в:

632. Babiarz, A., Czornik, A., Niezabitowski, M., Output controllability of the discrete-time linear switched systems, *Nonlinear Analysis: Hybrid Systems*, 21, pp. 1-10, 2016, @2016
258. Kaski, P., Ostergard, P., **Topalova, S.**, Zlatarski, R.. Steiner Triple Systems of Order 19 and 21 with Subsystems of Order 7. *Discrete Mathematics*, 308, Elsevier, 2008, ISSN:ISSN 0012-365X, DOI:10.1016/j.disc.2006.06.038, 2732-2741. SJR:1.036, ISI IF:0.502

Цитирана се в:

633. A. Drapal, T. S. Griggs, On cosets in Steiner loops, *BULETINUL ACADEMIEI DE STIINTE A REPUBLICII MOLDOVA. MATEMATICA* Number 1(80), 2016, Pages 118–124 ISSN 1024–7696, @2016
634. F Ihringer, K Meagher, Miklos-Manickam-Singhi Conjectures on Partial Geometries, arXiv preprint arXiv:1606.06275, 2016, @2016
259. **Luchev D., D. Paneva, K. Rangochev.** Use of Knowledge Technologies for Presentation of Bulgarian Folklore Heritage Semantics. *International Journal "Information Technologies and Knowledge"*, 2, 4, 2008, ISSN:1313-0455, 307-313

Цитирана се в:

635. Kulthida Tuamsuk, Nattapong Kaewboonma, Wirapong Chansanam, Sunee Leopenwong, Taxonomy of Folktales from the Greater Mekong Sub-region, Knowledge Organization. 2016, Vol. 43 Issue 6, p431-439. 9p. 2 Diagrams, 2 Charts, ISSN: 0943-7444., @2016
260. Zhang, N., Ryan, M., **Guelev, D. P.** Synthesising Verified Access Control Systems through Model Checking. *Journal of Computer Security*, 16, 1, IOS Press, 2008, ISSN:ISSN print 0926-227X ISSN online 1875-8924, 1-61. SJR:1.12

Цитирана се в:

636. Bertolino, Antonia and Daoudagh, Said and Lonetti, Francesca and Marchetti, Eda, Testing Access Control Policies Against Intended Access Rights, *Proceedings of the 31st Annual ACM Symposium on Applied Computing (SAC '16)*, 2016, isbn 978-1-4503-3739-7 pp 1641--1647, doi 10.1145/2851613.2851829, ACM, @2016
637. ZHOU Cong-hua, CHEN Wei-he, LIU Zhi-feng, Formal specification and security verification of usage control model based on PAT, *Chinese Journal of Network and Information Security*, v. 2, number 3, paper number 38, 16 pp, doi: 10.11959/j.issn.2096-109x.2016.00038, @2016
638. Bertrand Butler, Access control system specification and its implications for performance, Ph.D. Thesis, Waterford Institute of Technology, Ireland, 2016, 311 pp., @2016
639. Armando A., Ranise S., Traverso R., Wrona K., SMT-based Enforcement and Analysis of NATO Content-based Protection and Release Policies, *Proceedings of the 2016 ACM International Workshop on Attribute Based Access Control*, 2016, isbn 978-1-4503-4079-3, pp. 35--46, doi 10.1145/2875491.2875493, ACM Press., @2016
640. ZHOU Cong-hua, CHEN Wei-he, LIU Zhi-feng. Formal specification and security verification of usage control model based on PAT. *Chinese Journal of Network and Information Security*, Vol.2 No.3, pp 52-67, 2016, doi: 10.11959/j.issn.2096-109x.2016.00038., @2016

- 261. Bouyukliev I., Bakoev V..** A method for efficiently computing the number of codewords of fixed weights in linear codes. *Discrete Applied Mathematics*, 156, 15, Elsevier, 2008, ISSN:0166-218X, DOI:doi:10.1016/j.dam.2008.01.003, 2986-3004. SJR:1.038

Цитирана се в:

- 641.** Han, S., Seo, H. S., & Ju, S. (2016). Efficient calculation of the weight distributions for linear codes over large finite fields. *Contemporary Engineering Sciences*, 9(13-16), 609-617. doi:10.12988/ces.2016.6448, @2016
- 262. Ganchev, G., Milousheva, V..** On the Theory of Surfaces in the Four-Dimensional Euclidean Space. *Kodai Math. J.*, 31, 2, 2008, ISSN:0386-5991, 183-198. ISI IF:0.329

Цитирана се в:

- 642.** K. Arslan, B. Bayram, B. Bulca, D. Kosova, G. Öztürk, Rotational surfaces in higher dimensional Euclidean spaces, *Rend. Circ. Mat. Palermo, II. Ser* (2016). doi:10.1007/s12215-016-0292-4, @2016
- 643.** B. Bulca, K. Arslan, Surface Pencils in Euclidean 4-space E4, *Asian-European J. Math.* DOI: <http://dx.doi.org/10.1142/S1793557116500741>, @2016
- 644.** B. Bayram, K. Arslan, B. Bulca, On Generalized Spherical Surfaces in Euclidean Spaces, *ArXiv: 1605.00460v1*, @2016
- 645.** B. Bulca, K. Arslan, Mixed product Surfaces in E4, *Beykent University Journal of Science and Engineering* 9 (1), 2016, 1-12., @2016
- 646.** K. Arslan, On Knotted Spheres in Euclidean 4-space , *ArXiv: 1608.04877v1*, @2016
- 263. Witelson S., D. Kigar, A. Scamvougeras, D. Kideckel, B. Buck, P.L Stanchev, M. Bronskill, S. Black.** Corpus callosum anatomy in right-handed homosexual and heterosexual men. *Archives of Sexual Behavior*, 37, 6, 2008, 857-863

Цитирана се в:

- 647.** Skorska, M.N., Blanchard, R., VanderLaan, D.P., Zucker, K.J. and Bogaert, A.F., 2016. Gay Male Only-Children: Evidence for Low Birth Weight and High Maternal Miscarriage Rates. *Archives of Sexual Behavior*, pp.1-11., @2016
- 264. Kiryakova, V..** A brief story about the operators of the generalized fractional calculus. *Fractional Calculus and Applied Analysis*, 11, 2, IMI- BAS, 2008, ISSN:1311-0454, 203-220

Цитирана се в:

- 648.** Mincheva-Kaminska, S., Convolutional approach to fractional calculus for distributions of several variables \\ *Fractional Calculus and Applied Analysis*, 19, No 2, pp. 441-462, @2016
- 649.** Anh, V.V., Leonenko, N.N., Ruiz-Medina, M.D., Space-time fractional stochastic equations on regular bounded open domains \\ *Fractional Calculus and Applied Analysis* , 19, No 5, pp. 1161-1199, @2016
- 265. Kovacheva, Ralitzha.** " Zeros of partial sums and overconvergence",. *Serdica Math. J.*, 34, 2008, 467-482

Цитирана се в:

- 650.** From Bessel to Multi-Index Mittag–Leffler Functions: Enumerable Families, Series in them and Convergence, book, J. Paneva-Konovska, @2016

- 266. Kiryakova, V.** Transmutation method for solving hyper-Bessel differential equations based on the Poisson-Dimovski transformation. *Fractional Calculus and Applied Analysis*, 11, 3, IMI- BAS, 2008, ISSN:1311-0454, 299-316

Цитира се в:

- 651.** Shilin, I.A., Choi, J., Improper integrals associated with the Bessel functions and their multi-index analogues \ \ *Applied Mathematical Sciences*, 10, No 33-36, pp. 1683-1692, @2016
- 652.** Chudasama, M.H., A new generalization of q-hypergeometric function \ \ *Bolletino dell Unione Matematica Italiana*, 8, No 4, pp. 239-256, @2016

- 267. Bogdanova Galina, Tsvetanka Georgieva.** Using error-correcting dependencies for collaborative filtering. *Data & Knowledge Engineering*, 66, 3, Elsevier, 2008, ISSN:ISSN: 0169-023X, DOI:doi: 10.1016/j.datak.2008.04.008, 402-413. SJR:1.181, ISI IF:1.48

Цитира се в:

- 653.** Marung, Ukrit, Nipon Theera-Umpun, and Sansanee Auephanwiriyaikul. "Top-N Recommender Systems Using Genetic Algorithm-Based Visual-Clustering Methods." *Symmetry* 8.7 (2016): 54, @2016

- 268. Ganchev, G., Milousheva, V.** Minimal surfaces in the four-dimensional Euclidean space. *ArXiv*, ArXiv:0806.3334v1, 2008

Цитира се в:

- 654.** B. Bektas, E. Canfes, U. Dursun, On rotational surfaces with zero mean curvature in the pseudo-Euclidean space  $E^4_2$ , arXiv:1607.07577v1, @2016
- 655.** G. Ganchev, K. Kanchev, Canonical Weierstrass representations for minimal surfaces in Euclidean 4-space, arXiv:1609.01606, @2016

- 269. Dalakov, P.** Higgs Bundles and Opers. ProQuest LLC, Ann Arbor, MI, 2008, ISBN:978-0549-57408-8, 93

Цитира се в:

- 656.** "Opers versus nonabelian Hodge", O.Dimitrescu, L.Fredrickson, G.Kydonakis, R.Mazzeo, M.Mulase, A.Neitzke, @2016

- 270. Drensky, V., Holtkamp, R.** Planar trees, free nonassociative algebras, invariants, and elliptic integrals. *Algebra and Discrete Mathematics*, 2, 2008, 1-41

Цитира се в:

- 657.** J. Qiu, Y. Chen, Gr\"obner-Shirshov bases for Lie  $\Omega$ -algebras and free Rota-Baxter Lie algebras, arXiv: 1604.06675v1 [math.RA]., @2016

- 271. Гроздев, С., Чехларова, Т.** Българо-руският проект по методика и информационни технологии в образованието. *Интердисциплинарен форум "България и Русия – посоки на взаимност*, 2008, ISBN:978-954-712-451-6, 55-64

Цитира се в:

- 658.** Кирилова, Ц. Динамичен софтуер при решаване на екстремални задачи. *МАТТЕХ 2016*, Том 1, раздел Компютърни информационни технологии в обучението. ШУ, с.332-337., @2016

272. Pan X, Urban AE, **Palejev D.**, Schulz V, Grubert F, Hu Y., Snyder M, Weissman SM. A procedure for highly specific, sensitive, and unbiased whole-genome amplification. Proc. Natl. Acad. Sci. U. S. A., 105, 2008, DOI:10.1073/pnas.0808028105, 15499-15504. ISI IF:9.809

Цитира се в:

659. Luo, W., Xu, Z., Riber, L., Hansen, L.H., Sørensen, S.J. Diverse gene functions in a soil mobilome (2016) Soil Biology and Biochemistry, 101, pp. 175-183. DOI: 10.1016/j.soilbio.2016.07.018, @2016
660. Normand, E., Qdaisat, S., Bi, W., Shaw, C., Van den Veyver, I., Beaudet, A., Breman, A. Comparison of three whole genome amplification methods for detection of genomic aberrations in single cells (2016) Prenatal Diagnosis, 36 (9), pp. 823-830. DOI: 10.1002/pd.4866, @2016
661. Jamuar, S.S., D'Gama, A.M., Walsh, C.A. Somatic Mosaicism and Neurological Diseases (2016) Genomics, Circuits, and Pathways in Clinical Neuropsychiatry, pp. 179-199. DOI: 10.1016/B978-0-12-800105-9.00012-3, @2016
662. He, J., Du, S., Tan, X., Arefin, A., Han, C.S. Improved lysis of single bacterial cells by a modified alkaline-thermal shock procedure (2016) BioTechniques, 60 (3), pp. 129-135. DOI: 10.2144/000114389, @2016
273. **Paneva, D.**, Pavlova-Draganova, L., **Draganov, L.** Towards Content-sensitive Access to the Artifacts of the Bulgarian Iconography. International Journal „Information Technologies and Knowledge”, 2, 4, 2008, ISSN:1313-0455, 313-318

Цитира се в:

663. Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016
274. **Paneva-Marinova, D.**, Pavlova-Draganova, L., **Pavlov, R.**, Sendova, M.. Cross-media and Ubiquitous Learning Applications on Top of Iconographic Digital Library. Proceedings of the 14th International Conference on Virtual Systems and Multimedia, Limassol, Cyprus, 20-25 October 2008, 2008, ISBN:978-963-9911-00-0, 367-371

Цитира се в:

664. Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016
275. **Popova, E. D.**, W. Krämer. Visualizing paprametic solution sets. BIT Numerical Mathematics, 48, 1, Springer, 2008, ISSN:1572-9125 (online) 0006-3835 (print), DOI:10.1007/s10543-007-0159-3, 95-115. ISI IF:0.902

Цитира се в:

665. Notash, L., On the Solution Set for Positive Wire Tension With Uncertainty in Wire-Actuated Parallel Manipulators, J. Mechanisms and Robotics 8(4):044506-044506-9, JMR-15-1288, 2016., @2016
666. Notash, L., Investigation of Wrench Accuracy for Parallel Manipulators, Proc. of ASME 2016 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE 2016), Volume 5B: 40th Mechanisms and Robotics Conference, Paper No. DETC2016-59425, pp. V05BT07A086; 10 pages, Charlotte, North Carolina, USA, August 21–24, 2016., @2016
667. M. Hladik, Optimal Preconditioning for the Interval Parametric Gauss–Seidel Method, in M.

Nehmeier, J. Wolff von Gudenberg, W. Tucker (Eds), Scientific Computing, Computer Arithmetic, and Validated Numerics, LNCS 9553, 2016, pp. 116-125., @2016

668. Nazari, V., Notash, L. , Motion Analysis of Manipulators With Uncertainty in Kinematic Parameters, J. Mechanisms Robotics 8.2 (2016) article No. 021014., @2016

276. **Raikov, G.** On the spectrum of a translationally invariant Pauli operator. Spectral Theory of Differential Operators: M. Sh. Birman 80th Anniversary Collection, American Mathematical Society Translations (2), 225, AMS, 2008, ISBN:0821847384, 157-167

Цитира се в:

669. P. D. Hislop, N. Popoff, E. Soccorsi, Characterization of bulk states in one-edge quantum Hall systems, Annales Henri Poincaré 17 (2016), 37-62., @2016

277. Briet, Ph, **Raikov, G D**, Soccorsi, E. Spectral properties of a magnetic quantum Hamiltonian in a strip. Asymptotic Analysis, 58, IOS Press, 2008, ISSN:0921-7134, 127-155. ISI IF:0.528

Цитира се в:

670. M. Tusek, On an extension of the Iwatsuka model, J. Phys. A: Math. Theor. 49 (2016), 365205, 13pp., @2016

278. **Bogdanova G.**, Trifonov T., **Dimkov G.** Study and passporting of unique bells of historical and cultural heritage of Bulgaria and creating audio and video archive with the help of modern technology. The Sixth National Scientific Conference "Libraries – Reading – Communications", 6, Народна Библиотека „П.Славейков“, 2008, ISSN:1313-813

Цитира се в:

671. Márkus, Zsolt László, et al. "BOOK@ HAND Bells: Mobile Presentation of the Valuable Bells of the Historic and Culture Heritage of Bulgaria." Digital Presentation and Preservation of Cultural and Scientific Heritage VI (2016): 73-80., @2016

279. **Baicheva, T., Bouyukliev, I., Dodunekov, S., Fack, V.** Binary and Ternary Quasiperfect Codes with Small Dimensions. IEEE Transactions on Information Theory, 54, 9, IEEE Information Theory Society, 2008, ISSN:0018-9448 (print), 1557-9654 (web), 4335-4339. ISI IF:3.793

Цитира се в:

672. Vazquez-Vilar, Gonzalo, Albert Guillen i Fabregas, and Sergio Verdu. "Hypothesis Testing and Quasi-Perfect Codes." International Zurich Seminar on Communications. 2016., @2016

673. S. Bogos and S. Vaudenay, Optimization of LPN Solving Algorithms, Cryptology ePrint Archive, Report 288, 2016., @2016

280. **Davidov J.**, Gratncharov G., **Mushkarov O.** Geometry of neutral metrics in dimension four. Proceedings of the 37th Spring Conference of the Union of Bulgarian Mathematicians, Borovets, April 2-6, Съюз на математиците в България, 2008, 37-53

Цитира се в:

674. N. Georgiou, B. Guilfoyle, The causal topology of neutral 4-manifolds with null boundary, arXiv:1605.09576v.1, [math.DG] 31 May 2016, @2016

675. N.Georgiou, B.Guilfoyle, The causal topology of neutral 4-manifolds with null boundary, arXiv:1605.09576 [math.DG] 31 May 2016, @2016

281. **Davidov J.**, Diaz-Ramoz J.C., Garcia-Rio E., Matsushita Y., **Mushkarov O.**, Vazwues-Lorenzo R.. Hermitian Walker 4-manifolds. Journal of geometry and physics, 58, 3, Elsevier, 2008, ISSN:0393-0440, DOI:10.1016/j.geomphys.2007.11.006, 307-323. ISI IF:0.683

Цитирана се в:

676. M.Iscan, Almost Hermitian and almost Kahler structures on Walker 4-manifolds, Differential geometry - Dynamical systems, 18 (2016), 32-42, @2016
677. C.-L.Bejan, S.-L.Druta-Romaniuc, Harmonic functions and quadratic harmonic morphisms on Walker spaces, Turkish J. Math. 40 (2016), 1004-1019., @2016

---

2009

---

282. **Mitov I.**, **Kr. Ivanova**, **Kr. Markov**, V. Velychko, **P. Stanchev**, K. Vanhoof. Comparison of Discretization Methods for Preprocessing Data for Pyramidal Growing Network Classification Method. Book 14 of IBS-ISC: New Trends in Intelligent Technologies, Sofia, 2009, ISSN:1313-0455, 31-39

Цитирана се в:

678. Zhang, X., Mei, C., Chen, D. and Li, J., 2016. Feature selection in mixed data: A method using a novel fuzzy rough set-based information entropy. Pattern Recognition, 56, pp.1-15., @2016

283. **Kyurkchiev, N.**, **Iliev, A.**. A note on the “constructing” of non-stationary methods for solving nonlinear equations with raised speed of convergence. Serdica Journal of Computing, 3, 1, 2009, ISSN:1312-6555, 47-74

Цитирана се в:

679. N. Gattal, A. Chibi, An improvement of Steffen’s method for solving nonlinear equations, Global J. of Pure and Appl. Math., 12 (1), 935-941, (2016); ISSN 0973-1768; [http://www.ripublication.com/gjpm16/gjpmv12n1\\_80.pdf](http://www.ripublication.com/gjpm16/gjpmv12n1_80.pdf), @2016

284. Mateva, Z., **Topalova, S.**. Line spreads of PG(5,2). Journal of Combinatorial Designs, 17, 1, © Wiley Periodicals, Inc., 2009, ISSN:1520-6610, DOI:10.1002/jcd.20198, 90-102. SJR:1.143, ISI IF:0.709

Цитирана се в:

680. T Honold, M Kiermaier, S Kurz, Partial spreads and vector space partitions, arXiv preprint arXiv:1611.06328, 2016, @2016
681. T Honold, M Kiermaier, S Kurz, Classification of large partial plane spreads in  $PG(6, 2)$  and related combinatorial objects, arXiv preprint arXiv:1606.07655, 2016, @2016
682. D Heinlein, M Kiermaier, S Kurz, A Wassermann, Tables of subspace codes - arXiv preprint arXiv:1601.02864, 2016, @2016

285. Wu C., J. Kang Derwent, **P. Stanchev**. Retinal vessel radius estimation and a vessel center line segmentation method based on ridge descriptors. Journal of Signal Processing Systems, 55, 1-3, Springer US, 2009

Цитирана се в:

683. Rezaee, K., Haddadnia, J. and Tashk, A., 2016. Optimized clinical segmentation of retinal blood vessels by using combination of adaptive filtering, fuzzy entropy and skeletonization. Applied Soft Computing. <http://dx.doi.org/10.1016/j.asoc.2016.09.033>, @2016



- 286. Dimitrova, L.** From Electronic Corpora to Online Dictionaries (on the example of Bulgarian Language Resources). J. Levická, R. Garabík (Eds. 2009), Proceedings of the Fifth International Conference: NLP, Corpus Linguistics, Corpus Based Grammar Research SLOVKO'2009. 25-27 November 2009, Smolenice, Slovakia, 2009, 78-92

Цитирана литература:

- 684. Stefka Kovacheva** (2016). Presentation of UNESCO Bulgarian Cultural Heritage Sites as Knowledge System in a Learning Environment. In: Proc. of the Sixth International Conference Digital Presentation and Preservation of Cultural and Scientific Heritage DiPP 2016, September 26-28, 2016, Veliko Tarnovo, Bulgaria, (Vol. 6) 179-188, ISSN 1314-4006, @2016

- 287. Mitov, K. V., Yanev, N. M.** Branching Stochastic Processes: Regulation, Regeneration, Estimation, Applications. Pliska Studia Mathematica Bulgarica, 19, 2009, 5-59

Цитирана литература:

- 685. Dominic Schuhmachera, Anja Sturma, Henryk Zähle.** On qualitative robustness of the Lotka–Nagaev estimator for the offspring mean of a supercritical Galton–Watson process. Journal of Statistical Planning and Inference, Volume 169, February 2016, Pages 56–70., @2016

- 288. Ganchev, G., Milousheva, V.** Geometric interpretation of the invariants of a surface in R4 via tangent indicatrix and the normal curvature ellipse. ArXiv, ArXiv:0905.4453v1, 2009

Цитирана литература:

- 686. G. Öztürk, B. Bulca, B. Bayram, K. Arslan,** Meridian surface of Weingarten type in 4-dimensional Euclidean space E4, Konuralp Journal of Mathematics, 4 (1), 2016, 239-245., @2016

- 289. Minchev, Z., Dukov, G., Georgiev, S.** EEG Spectral Analysis in Serious Gaming: An ad hoc Experimental Application. International Journal of BioAutomation, 13, 4, Marin Drinov Publishing House, 2009, ISSN:1314-2321, 79-88. SJR:0.228

Цитирана литература:

- 687. Lee, H., Lee, Y., Lee, K., Yim, K.** Security Assessment on the Mouse Data using Mouse Loggers, Advances on Broad-Band Wireless Computing, Communication and Applications, Vol. 2, Lecture Notes on Data Engineering and Communications Technologies, Springer International Publishing, pp. 387-393, 2016, ISSN 2367-4512, DOI 10.1007/978-3-319-49106-6\_37, @2016

- 688. Chellaiah, P., et al.** EEG-Based Assessment of Image Sequence-Based User Authentication in Computer Network Security, In Proc. of International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016, Chennai, India, March 3-5, 2016, pp. 3674-3677, ISBN: 978-1-4673-9939-5, DOI: 10.1109/ICEEOT.2016.7755395, @2016

- 290. Mitov I., Kr. Ivanova, Kr. Markov, V. Velychko, K. Vanhoof, P. Stanchev.** "PaGaNe" – A Classification Machine Learning System Based on the Multidimensional Numbered Information Spaces. Int.Conf. "Intelligent Systems and Knowledge Engineering" (ISKE2009), 27-28.11.2009, Hasselt, Belgium., 2, World Scientific Proceedings Series on Computer Engineering and Information Science, 2009, ISBN:978-981-4295-05-5, ISSN:1793-7868, 279-286

Цитирана литература:

- 689. Panda, M., Abraham, A. and Tripathy, B.K.,** 2016. Soft granular computing based classification using hybrid fuzzy-KNN-SVM. Intelligent Decision Technologies, 10(2), pp.115-128., @2016

- 291. Georgiev, S., Minchev, Z., Christova, Ch., Philipova, D.** EEG Fractal Dimension Measurement Before

Цитира се в:

- 690.** Kesić, S., Spasić, S. Application of Higuchi's fractal dimension from basic to clinical neurophysiology: A review, Computer Methods and Programs in Biomedicine, Vol. 133, September 2016, pp. 55–70 2016, DOI 10.1016/j.cmpb.2016.05.014, 5-Year Impact Factor: 1.964, @2016
- 691.** Klonowski, W. Fractal Analysis of Electroencephalographic Time Series (EEG Signals), In book: Di Ieva, A. (Editor) The Fractal Geometry of the Brain, Springer Series in Computational Neuroscience, Springer New York, pp. 413-429, 2016, ISBN 978-1-4939-3995-4, DOI 10.1007/978-1-4939-3995-4\_25, @2016
- 692.** Iglesias-Parro, S., Soriano, M., Ibáñez-Molina, A. Fractals in Affective and Anxiety Disorders, In book: Di Ieva, A. (Editor) The Fractal Geometry of the Brain, Springer Series in Computational Neuroscience, Springer New York, pp. 471-483, 2016, ISBN 978-1-4939-3995-4, DOI 10.1007/978-1-4939-3995-4\_29, @2016
- 292.** Canaan A, Haviv I, Urban AE, Schulz VP, Hartman S, Zhang Z, **Palejev D**, Deisseroth AB, Lacy J, Snyder M, Gerstein M, Weissman SM. EBNA1 regulates cellular gene expression by binding cellular promoters. Proc. Natl. Acad. Sci. U. S. A, 106, 2009, DOI:10.1073/pnas.0911676106, 22421-22426. ISI IF:9.809

Цитира се в:

- 693.** Nicosia, A., Costa, S., Tagliavia, M., Maggio, T., Salamone, M., Adamo, G., Ragusa, M.A., Bennici, C., Masullo, T., Mazzola, S., Gianguzza, F., Cuttitta, A. The nucleic acid-binding protein PcCNBP is transcriptionally regulated during the immune response in red swamp crayfish *Procambarus clarkii* (2016) Cell Stress and Chaperones, 21 (3), pp. 535-546. DOI: 10.1007/s12192-016-0681-9, @2016
- 694.** Ozoya, O.O., Sokol, L., Dalia, S. EBV-Related malignancies, outcomes and novel prevention strategies (2016) Infectious Disorders - Drug Targets, 16 (1), pp. 4-21., @2016
- 695.** Tang, Y., Lu, S., Gan, X., Liu, F., Zhang, Y., Luo, C., Pan, Y., Hong, L., Gan, R. Expression of LMP and EBNA genes in Epstein-Barr virus-associated lymphomas in Hu-PBL/SCID mice (2016) Oncology Reports, 35 (2), pp. 905-911. DOI: 10.3892/or.2015.4401, @2016
- 696.** Herbert, K.M., Pimienta, G. Consideration of Epstein-Barr virus-encoded noncoding RNAs EBER1 and EBER2 as a functional backup of viral oncoprotein latent membrane protein 1 (2016) mBio, 7 (1), art. no. e01926-15, . DOI: 10.1128/mBio.01926-15, @2016
- 697.** Tempera, I., Leo, A.D., Kossenkov, A.V., Cesaroni, M., Song, H., Dawany, N., Showe, L., Lu, F., Wikramasinghe, P., Lieberman, P.M. Identification of MEF2B, EBF1, and IL6R as direct gene targets of Epstein-Barr virus (EBV) nuclear antigen 1 critical for EBV-infected B-lymphocyte survival (2016) Journal of Virology, 90 (1), pp. 345-355. Cited 1 time. DOI: 10.1128/JVI.02318-15, @2016
- 698.** Niller, H.H., Banati, F., Salamon, D., Minarovits, J. Epigenetic alterations in epstein-barr virus-associated diseases (2016) Advances in Experimental Medicine and Biology, 879, pp. 39-69. DOI: 10.1007/978-3-319-24738-0\_3, @2016
- 293.** Drensky, V., Yu, J.-T.. Automorphisms of polynomial algebras and Dirichlet series. J. Algebra, 321, 2009, 292-302. ISI IF:0.632

Цитира се в:

699. T. Jia, R. Zhao, L. Li, Automorphism group of Green ring of Sweedler Hopf algebra, Front. Math. China 11 (2016), No. 4, 921-932., @2016

294. **Drensky, V.**, La Scala, R.. Defining relations of low degree of invariants of two  $4 \times 4$  matrices. International J. Algebra and Computations, 19, 1, 2009, 107-127. ISI IF:0.483

Цитира се в:

700. K. Gongopadhyay, S. Lawton, Invariants of pairs in  $\text{SL}(4, \mathbb{C})$  and  $\text{SU}(3, 1)$ , arXiv: 1602.08392v1 [math.AG]., @2016

295. **Paneva-Marinova, D.**, Pavlova-Draganova, L., **Draganov, L.**, **Pavlov, R.**, Sendova, M.. Development of a Courseware on Bulgarian Iconography for Ubiquitous On-demand Study. In: Szucs A. (Ed.) Proceedings of Open Conference “New Technology Platforms for Learning – Revisited”. Budapest, Hungary, January 2009, 2009, ISBN:978-954-91700-3-0, 37-48

Цитира се в:

701. Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016

296. **Ribarska, N.K.**, Babev, V.D.. A stability property for locally uniformly rotund renorming. J.Math.Anal.Appl., 350, 2009, 811-828. ISI IF:1.014

Цитира се в:

702. S. Ferrari, L. Oncina, J. Orihuela, M. Raja, Metrization theory and the Kadec property, Banach J. Math. Anal., volume 10, Number 2 (2016), 281-306., @2016

297. Chilingarian A., Angelov Ch., Arakelyan K., Arsov T., Avakyan K., Chilingaryan S., Hovhannisyanyan A., Hovsepyan G., Hrzina D., Hovhannisyanyan T., Maricic D., Nishev A., **Tchorbadjieff A.**, Kalapov I., Karapetyan T., Kozliner L., Mailyan B., Reymers A., Romstajn I., Rosa D., Stamenov J., Tserunyan S., Yeghikyan A.. New Particle Detector Network for Solar Physics and Space Weather research. PROCEEDINGS OF THE 31st ICRC, ŁODZ, 2009

Цитира се в:

703. A coincidence detection system based on real-time software Sindulfo Ayuso, Juan José Blanco, José Medina, Raúl Gómez-Herrero, Oscar García-Población, and Ignacio García Tejedor Geoscientific Instrumentation, Methods and Data Systems (GI), @2016

298. Mitov, G. K., Mitov, K. V., **Yanev, N. M.** Critical randomly indexed branching processes. Statistics & Probability Letters, 79, 13, 2009, 1512-1521. ISI IF:0.595

Цитира се в:

704. Zhenlong Gao, Weigang Wang. Large and moderate deviations for a renewal randomly indexed branching process. Statistics & Probability Letters, Volume 116, September 2016, Pages 139–145, @2016

705. Zhenlong Gao and Yanhua Zhang. Limit theorems for a supercritical Poisson random indexed branching process. J. Appl. Probab. Volume 53, Number 1 (2016), 307-314., @2016

299. Gavrilov L., **I. D. Iliev.** Quadratic perturbations of quadratic codimension-four centers. J. Math. Anal. Appl., 357, 1, Elsevier, 2009, ISSN:0022-247X, DOI:10.1016/j.jmaa.2009.04.004, 69-76. ISI IF:1.225

Цитира се в:

- 706.** Liliana Puchuri, Orestes Bueno, On the classification of elliptic foliations induced by real quadratic fields with center, *J. Differential Equations* 261 (2016), no. 12, 7157--7193. Available online 21 September 2016. IF 1.821 (2015), @2016
- 707.** Jihua Yang, Liqin Zhao, Zeros of Abelian integrals for a quartic Hamiltonian with figure-of-eight loop through a nilpotent saddle, *Nonlinear Analysis: Real World Applications* 27 (Feb 2016), 350-365. IF 2.519 (2014), @2016
- 300.** Gautier S., L. Gavrilov, **I.D. Iliev**. Perturbations of quadratic centers of genus one. *Discr. Contin. Dynam. Syst. A*, 25, 2, American Institute of Mathematical Sciences (AIMS), 2009, ISSN:1078-0947, DOI:10.3934/dcdis.2009.25.511, 511-535. ISI IF:1.209

*Цумура се в:*

- 708.** Xiaochun Hong, Shaolong Xie, Longwei Chen, Estimating the Number of Zeros for Abelian Integrals of Quadratic Reversible Centers with Orbits Formed by Higher-Order Curves, *Int. J. Bifurcation Chaos* 26 (2016), paper no. 1650020 [16 pages] DOI: 10.1142/S0218127416500206 IF 1.078 (2014), @2016
- 709.** Sergey Malev, Dmitry Novikov, Linear estimate for the number of zeros of Abelian integrals, *Qualitative Theory of Dynam. Syst.* [to appear], 8 pp. First online: 16 September 2016. IF 0.766 (2014) [Preprint arXiv:math.DG/0903.5056v1 (29 March 2009)], @2016
- 710.** Liliana Puchuri, Orestes Bueno, On the classification of elliptic foliations induced by real quadratic fields with center, *J. Differential Equations* 261 (2016), no. 12, 7157--7193. Available online 21 September 2016. IF 1.821 (2015), @2016
- 301.** **Davidov J.**, Grantcharov G., **Mushkarov O.**, Yotov M.. Para-hyperhermitian surfaces. *Bulletin Mathematique de la Societe des Sciences Mathematique de Roumanie*, 52, 3, Sociatatea de Stiinte Matematice din Romania, 2009, ISSN:1220-3874, 281-289. ISI IF:0.554

*Цумура се в:*

- 711.** Gueo Grantcharov and Camilo Montoya, "On Functions of Several Split-Quaternionic Variables," *Advances in Mathematical Physics*, vol. 2016, Article ID 3654530, 12 pages, 2016. doi:10.1155/2016/3654530, @2016
- 302.** **Davidov J.**, Grantcharov G., **Mushkarov O.** Curvature properties of the Chern connection on twistor spaces. *Rocky mountain journal of mathematics*, 39, Rocky Mountain Mathematics Consortium, 2009, ISSN:0035-7596, DOI:10.1216/RMJ-2009-39-1-27, 27-48. ISI IF:0.26

*Цумура се в:*

- 712.** E.Etayo, R.Santamaria, Distinguished connections on  $(J_2 = +-1)$ -metric manifolds, *Archivum Mathematicum* (2016), Volume: 57, Issue: 3, page 159-203 ISSN: 0044-8753, @2016
- 303.** Klopp, F, **Raikov, G D.** The fate of the Landau levels under perturbations of constant sign. *International Math. Res. Notices*, 2009, 24, Oxford University Press, 2009, ISSN:1073-7928, 4726-4734. ISI IF:1.1

*Цумура се в:*

- 713.** V. Bruneau, D. Sambou, Counting function of magnetic resonances for exterior problems, *Annales Henri Poincaré*, 17 (2016), 3443-3471., @2016
- 304.** **Bouyukliev I.**, Fack V., Winne J.. 2-(31, 15, 7), 2-(35, 17, 8) and 2-(36, 15, 6) designs with automorphisms of odd prime order, and their related Hadamard matrices and codes. *Des. Codes Cryptography*, 51, 2, Springer US, 2009, ISSN:0925-1022, 105-122. ISI IF:0.962

Цитира се в:

- 714.** Gurel, M., & Yankov, N. (2016). Self-dual codes with an automorphism of order 17. *Mathematical Communications*, 21(1), 97-107., @2016

---

**2010**

---

- 305. Topalova S., S. Zhelezova.** 2-Spreads and Transitive and Orthogonal 2-Parallelisms of PG(5, 2). *Graphs and Combinatorics*, 26, 5, Springer Japan, 2010, ISSN:1435-5914, DOI:10.1007/s00373-010-0943-8, 727-735. SJR:0.836, ISI IF:0.242

Цитира се в:

- 715.** Etzion, T., Storme, L., Galois geometries and coding theory, *Des. Codes Cryptogr.* (2016) 78 (1) 311-350. doi:10.1007/s10623-015-0156-5 (IF:0.781), @2016

- 306. Iliev, A., N. Kyurkchiev.** Nontrivial Methods in Numerical Analysis: Selected Topics in Numerical Analysis. LAP LAMBERT Academic Publishing, Saarbrucken, 2010, ISBN:978-3-8433-6793-6, 256

Цитира се в:

- 716.** М. Василева, Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “ доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016

- 717.** I. Petkovic, B. Neta, On an application of symbolic computation and computer graphics to root-finders: the case of multiple roots of unknown multiplicity, *J. of Computational and Applied Mathematics*, 2016; IF = 1.266; [http://ac.els-cdn.com/S0377042716302783/1-s2.0-S0377042716302783-main.pdf?\\_tid = 2cd98f46-323c-11e6-ab17-00000aacb35e&acdnat = 1465914651\\_a8a946c876b217d700cbc8caf51d5af3](http://ac.els-cdn.com/S0377042716302783/1-s2.0-S0377042716302783-main.pdf?_tid = 2cd98f46-323c-11e6-ab17-00000aacb35e&acdnat = 1465914651_a8a946c876b217d700cbc8caf51d5af3), @2016

- 718.** *Nonlinear Systems - Design, Analysis, Estimation and Control*, Edited by Dongbin Lee, Tim Burg and Christos Volos, ISBN 978-953-51-2715-4, Print ISBN 978-953-51-2714-7, 362 pages, Publisher: InTech, Chapters published October 19, 2016 under CC BY 3.0 license, DOI: 10.5772/61494, Chapter 5 Design, Analysis, and Applications of Iterative Methods for Solving Nonlinear Systems, by Alicia Cordero, Juan R. Torregrosa and Maria P. Vassileva, @2016

- 307.** Doney, R., Savov, M.. The asymptotic behaviour of densities related to the supremum of a stable process . *Annals of Probability*, 38, 1, 2010, 316-326. ISI IF:1.47

Цитира се в:

- 719.** The asymptotic behaviour of the density of the supremum of Levy processes, @2016

- 720.** Valvedre, L., “On the one–dimensional spectral heat content for stable processes”, *J. Math. Anal. Appl.*, 144, No. 1, 11–24, DOI: 10.1016/j.jmaa.2016.03.086, IF: 1.12, @2016

- 308. Paneva-Marinova D., R. Pavlov, M. Goynov, L. Pavlova-Draganova, L. Draganov.** Search and Administrative Services in Iconographical Digital Library. In the Proceedings of the International Conference „Information Research and Applications” – i.Tech 2010, July, 2010, Varna, Bulgaria, 2010, ISBN:978-954-16-044-3, 177-187

Цитира се в:

- 721.** Bogdanova, G. T. Todorov, N.Noev, Using Graph Databases to Represent Knowledge Base in the page 77/139

309. Bertoin, J., **Savov, M.** Some applications of duality for Lévy processes in a half-line. Bulletin of London Mathematical Society, 43, 2010, 97-111. ISI IF:0.63

Цитира се в:

722. Engelke, S. and Ivanovs, J. “A Lévy -derived process seen from its supremum and max-stable processes”, Electron. J. Probab., 21, No.14, 1–19, DOI:10.1214/16- EJP1112, IF: 0.765, @2016
723. Griffin, P. “Sample path behavior of a Lévy insurance risk process approaching ruin, under the Cramér–Lundberg and convolution equivalent conditions”, Annal. Appl. Probab., 26, No.1, 360–401. doi:10.1214/14-AAP1094, IF: 1.45, @2016
724. Doering, L. and Kyprianou, A. (2016) Perpetual Integrals for Levy Processes, J. Theoret. Probab., 29 No.3, 1192–1198, IF: 0.792, @2016

310. **Paneva-Marinova D., R. Pavlov, K. Rangochev.** Digital Library for Bulgarian Traditional Culture and Folklore. In: Proceedings of the 3rd International Conference dedicated on Digital Heritage (EuroMed 2010), 8-13 November 2010, Lymassol, Published by ARCHAEOLOGIA, 2010, ISBN:978-963-9911-16-1, 167-172

Цитира се в:

725. Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016

311. Valchanov N., Terzieva, T., Shkurtov, V., **Илев, А.** Architecture of extensible computations driven systems. Сборник доклади на Тридесет и деветата пролетна конференция на Съюза на математиците в България, Албена, 6-10.04.2010, 2010, ISSN:1313-3330, 207-211

Цитира се в:

726. Matanski, V., Exploring Synesthesia Utilizing Software Technologies, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016
727. Kyurkchiev, P., Extendable Architecture for Process Simulation System with Possibility of Work With Large Number of External Libraries, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016

312. **Илев, А.** Spoken emotion recognition through optimum-path forest classification using glottal features. Computer Speech and Language, 24, 3, ELSEVIER, 2010, 445-460. SJR:0.848, ISI IF:0.848

Цитира се в:

728. Stanek, M., & Sigmund, M. (2016). Analysis of Closing-to-Opening Phase Ratio in Top-to-Bottom Glottal Pulse Segmentation for Psychological Stress Detection. Elektronika ir Elektrotechnika, 22(5), 79-83., @2016
729. Staněk, M. (2016). Určování stresu z řečového signálu., @2016
730. Albahri, A., Lech, M., & Cheng, E. (2016). Effect of Speech Compression on the Automatic Recognition of Emotions., @2016

731. Albornoz, E. M., Milone, D. H., & Rufiner, H. L. (2016). Feature extraction based on bio-inspired model for robust emotion recognition. *Soft Computing*, 1-14., @2016
732. Sahoo, S., & Routray, A. (2016). A Novel Method of Glottal Inverse Filtering. *IEEE/ACM Transactions on Audio, Speech, and Language Processing*, 24(7), 1230-1241., @2016
733. Iliev, A. I. (2016). Emotion Recognition in Speech using Inter-Sentence Time-Domain Statistics. *Emotion*, 5(3)., @2016
734. González Poy, E. M. (2016). Sistema de reconeixement d'emocions en la parla basat en la parametrització del senyal de veu (Bachelor's thesis, Universitat Oberta de Catalunya)., @2016
735. Dropuljić, B., Skansi, S., & Mršić, L. (2016). Metodologija estimacije emocionalnih stanja na temelju akustičkih značajki govora., @2016

313. **Bantchev, B.** A brief tour to dynamic geometry software. сп. „Дидактическо моделиране“, 3, 2010, ISSN:1314-1651

Цитира се в:

736. К.Калоянова, А.Антонов. Приложение на итеративни принципи и обектно-ориентиран подход при разработката на образователен софтуер. Сб. доклади на нац. конференция sib80, София, 12-13.11.2015 г., @2016

314. **Ivanova Kr., P. Stanchev, K. Vanhoof.** Automatic tagging of art images with color harmonies and contrasts characteristics in art image collections. *International Journal on Advances in Software*, 3, 3&4, 2010, 474-484

Цитира се в:

737. Karlsson, J., 2016. Using graphical attributes to influence the perception of safety in a 3D environment. Blekinge Institute of Technology, Bachelor's Thesis., @2016

315. **Milousheva, V.** General rotational surfaces in  $R^4$  with meridians lying in two-dimensional planes. *C. R. Acad. Bulgare Sci.*, 63, 3, 2010, 339-348. ISI IF:0.219

Цитира се в:

738. D. Cuong, The bi-normal fields on spacelike surfaces in  $R^4_1$ , *Asian-European J. Math.* 9 (3), 1650052 (2016) DOI: 10.1142/S1793557116500522, @2016

316. **Ganchev, G., Milousheva, V.** Invariants and Bonnet-type theorem for surfaces in  $R^4$ . *Cent. Eur. J. Math.*, 8, 6, 2010, ISSN:1895-1074, DOI:DOI: 10.2478/s11533-010-0073-9, 993-1008. ISI IF:0.581

Цитира се в:

739. N. Turgay, Lorentzian Submanifolds in Semi-Euclidean Spaces with Pointwise 1-type Gauss map, In: *Geometry, Integrability and Quantization*, I. Mladenov, G. Meng and A. Yoshioka (Eds), Avangard Prima, 2016, 344-359, doi: 10.7546/giq-17-2016-344-359., @2016

740. G. Öztürk, B. Bulca, B. Bayram, K. Arslan, Meridian surface of Weingarten type in 4-dimensional Euclidean space, *Konuralp Journal of Mathematics*, 4 (1), 2016, 239-245., @2016

741. B. Bayram, K. Arslan, B. Bulca, On Generalized Spherical Surfaces in Euclidean Spaces, *ArXiv*: 1605.00460v1, @2016

317. **Valchev, T.** On Generalized Fourier Transform for Kaup-Kupershmidt Type Equations. *Proc. 11-th International Conference on Geometry, Integrability and Quantization*, 11, Avangard Prima, 2010, ISBN:978-954-323-531-5, DOI:10.7546/giq-11-2010-198-210, 199-211

Цумура се в:

742. A. Constantin, R. Ivanov, Dressing Method for the Degasperis–Procesi Equation, Studies in Appl. Math., DOI: 10.1111/sapm.12149., @2016
318. Dima, C., Enea, C., **Guelev, D. P.** Model-Checking an Alternating-time Temporal Logic with Knowledge, Imperfect Information, Perfect Recall and Communicating Coalitions. EPTCS, Proceedings First Symposium on Games, Automata, Logic, and Formal Verification, 25, 2010, ISSN:2075-2180, DOI:10.4204/EPTCS.25.12, 103-117

Цумура се в:

743. Wojciech Jamroga, Michał Knapik, Damian Kurpiewski. Fixpoint Approximation of Strategic Abilities under Imperfect Information, arXiv:1612.02684 [cs.MA], Submitted on 8 Dec 2016, @2016
744. DR 5.2: Expectation Management in Common Ground Walter Kasper, Miroslav Janicek, Nanja Smets, Jurriaan van Diggelen, Bas Bootsma, Timea Bagosi, Joachim de Gree, Chris Rozemulle, Argentina Ortega Sainz, Rainer Worst, Robert Maulk, Norbert Pahlkek, and the TRADR consortium, @2016
319. **Kiryakova, V.**, J. Tenreiro Machado, F. Mainardi. A note and poster on the recent history of fractional calculus. Fractional Calculus and Applied Analysis, 13, 3, IMI- BAS, 2010, 329-334

Цумура се в:

745. Eshaghi, J., Adibi, H., Kazem, S., Solution of nonlinear weakly singular Volterra integral equations using the fractional-order Legendre functions and pseudospectral method \ \ Mathematical Methods in the Applied Sciences, 39, No 12, pp. 3411-3425, @2016
746. Shengda, L., J. Wang: Fractional Order Iterative Learning Control with Randomly Varying Trial Lengths// Journal of the Franklin Institute 354, No 2 (2016), 967-99 ; DOI: 10.1016/j.jfranklin.2016.11.004, @2016
320. **Kiryakova, V.** The operators of generalized fractional calculus and their action in classes of univalent functions. Geometric Function Theory and Applications' 2010 (Proc. of International Symposium, Sofia, 27-31.08.2010), Inst. Math. and Inform. - Bulg. Acad. Sci., 2010, 29-40

Цумура се в:

747. Nagdy, A.S., Mohammed, A.B., Numerical solution of Abel integral equations of first kind by using fractional calculus \ \ Journal of Computational and Theoretical Nanoscience, 13, No 5, pp. 3122-3126, @2016
748. Kiliçman, A., Ibrahim, R.W., Abdalnaby, Z.E., On a generalized fractional integral operator in a complex domain \ \ Applied Mathematics and Information Sciences, 10, No 3, pp. 1053-1059, @2016
321. **Kiryakova, V.**, J. Tenreiro Machado, F. Mainardi. A poster about the old history of fractional calculus. Fractional Calculus and Applied Analysis, 13, 4, IMI- BAS, 2010, ISSN:1311-0454, 447-454

Цумура се в:

749. Anh, V.V., Leonenko, N.N., Ruiz-Medina, M.D., Space-time fractional stochastic equations on regular bounded open domains \ \ Fractional Calculus and Applied Analysis, 19, No 5, pp. 1161-1199, @2016
322. **Harizanov, S.**, Oswald, P.. Stability of Nonlinear Subdivision and Multiscale Transforms. Constructive



Approximation, 31, 3, Springer-Verlag, 2010, ISSN:0176-4276, DOI:10.1007/s00365-010-9082-y, 359-393. ISI IF:1.153

Цитира се в:

**750.** Aràndiga, F., Donat, R. and Santàgueda, M., 2016. The PCHIP subdivision scheme. Applied Mathematics and Computation, 272, pp.28-40. ISI IF:1.345 ISSN: 0096-3003 DOI: 10.1016/j.amc.2015.07.071, @2016

**323. Markov, S.** Biomathematics and interval analysis: A prosperous marriage. AIP Conference Proceedings (AMITANS), 1301, AIP, 2010, ISBN:978-073540856-2, DOI:10.1063/1.3526621, 26-36

Цитира се в:

**751.** Anguelov, R. , Mabula, M. Asymmetric metric: An application to dealing with uncertainty, AIP Conference Proceedings Volume 1773, 13 October 2016, Article number 050001 ( AMiTaNS 2016), @2016

**324. Гроздев, С., Чехларова, Т., Терзиева, Т..** За необходимостта от развитие на алгоритмично мислене в обучението по информатика. Образованието в информационното общество, 2010, ISSN:1314-0752, 102-108

Цитира се в:

**752.** Христов, Х. Методика на преподаване на съвременни технологии за създаване на софтуер. Автореферат на дисертационен труд за присъждане на образователната и научна степен "доктор", @2016

**325. Ivanov K.G., P. Petrushev, Y. Xu.** Sub-exponentially localized kernels and frames induced by orthogonal expansions. Mathematische Zeitschrift, 264, 2, Springer, 2010, ISSN:0025-5874, DOI:10.1007/s00209-008-0469-4, 361-397. ISI IF:0.819

Цитира се в:

**753.** Ahmed, Batoul Ali Al balulah Mahmoud, Polynomials on Banach Lattices and UMD Constants with Decomposition of Spaces on Tensor Product, PhD thesis, Sudan University of Science and Technology, 2016, , @2016

**754.** F. Dai, H. Feng, Riesz transforms and fractional integration for orthogonal expansions on spheres, balls and simplices, Advances in Mathematics, ISSN: 0001-8708, IF(2015): 1, 405, 301 (2016), 549–614. <http://dx.doi.org/10.1016/j.aim.2016.05.027>, @2016

**755.** Dai, Feng; Tikhonov, Sergey. Weighted fractional Bernstein's inequalities and their applications. Journal d'Analyse Mathématique. ISSN: 0021-7670 (print version), ISSN: 1565-8538 (electronic version), IF(2015): 1.054, 129, 1, (2016), 33–68. DOI: 10.1007/s11854-016-0014-z, @2016

**756.** YG Wang, QT Le Gia, IH Sloan, RS Womersley. Fully discrete needlet approximation on the sphere, Applied and Computational Harmonic Analysis, ISSN: 1063-5203, IF(2015): 2.094, in press 2016, DOI: 10.1016/j.acha.2016.01.003, @2016

**326. Noev N.** Organization and Security of the Audio and Video Archive for Unique Bulgarian Bells. Mathematica Balkanica, NewSeries Vol. 24, 2010, 24, 24, ИМИ, БАН, 2010, ISSN:0205-3217, 285-291

Цитира се в:

**757.** Márkus, Z. L., Kaposi, G., Veres, M., Szkaliczki, T., Luchev, D., & Paneva-Marinoва, D. (2016). BOOK@ HAND Bells: Mobile Presentation of the Valuable Bells of the Historic and Culture Heritage of Bulgaria. Digital Presentation and Preservation of Cultural and Scientific Heritage,

- 327. Draganov, B.R.** Exact estimates of the rate of approximation of convolution operators. *J. Approx. Theory*, 162, Elsevier, 2010, ISSN:0021-9045, DOI:10.1016/j.jat.2009.10.003, 952-952. ISI IF:0.71

Цитира се в:

- 758.** Kotova, O. V., and R. M. Trigub., A New Sufficient Condition for Belonging to the Algebra of Absolutely Convergent Fourier Integrals and Its Application to the Problems of Summability of Double Fourier Series, *Ukrainian Mathematical Journal* 67 (2016), 1219-1235., @2016
- 759.** Trigub, R. M. "On various moduli of smoothness and  $\$ K \$$ -functionals." arXiv preprint arXiv:1606.07632 (2016)., @2016
- 760.** О. Котова, АППРОКСИМАТИВНЫЕ СВОЙСТВА НЕКОТОРЫХ МЕТОДОВ СУММИРОВАНИЯ РЯДОВ И ИНТЕГРАЛОВ ФУРЬЕ, диссертация, 2016., @2016

- 328. Gerdjikov, V S, Mikhailov, A V, Valchev, T I.** Reductions of Integrable Equations on A.III-type Symmetric Spaces. *Jour. Physics A: Math. Theor.*, 43, IOP PUBLISHING, 2010, ISSN:1751-8121, 434015. ISI IF:1.583

Цитира се в:

- 761.** Alexandar Yanovski, Some Aspects of the Spectral Theory for  $sl(3, \mathbb{C})$  System with  $Z_2 \times Z_2 \times Z_2$  Reduction of Mikhailov Type with General Posititon Boundary Conditions, *Proceedings of the Seventeenth International Conference on Geometry, Integrability and Quantization*, Ivailo M. Mladenov, Guowu Meng and Akira Yoshioka, eds. (Sofia: Avangard Prima, 2016), 379 - 391, @2016

- 329. Yakovlev, A. Yu., Yanev, N. M.** Limiting Distributions for Multitype Branching Processes. *Stochastic Analysis and Applications*, 28, 6, 2010, 1040-1060. ISI IF:0.445

Цитира се в:

- 762.** Mátyás Barczy and Gyula Pap. Asymptotic behavior of critical, irreducible multi-type continuous state and continuous time branching processes with immigration. *Stochastics and Dynamics*, Volume 16, Issue 04, August 2016. *Stoch. Dyn.* 16, 1650008 (2016) [30 pages] DOI: <http://dx.doi.org/10.1142/S0219493716500088>, @2016

- 330. Raikov, G.** Low Energy Asymptotics of the Spectral Shift Function for Pauli Operators with Nonconstant Magnetic Fields. *Publications of the Research Institute for Mathematical Sciences*, 46, 3, EMS, 2010, ISSN:0034-5318, DOI:10.2977/PRIMS/18, 565-590. ISI IF:0.755

Цитира се в:

- 763.** D. Sambou, Spectral analysis near the low ground energy of magnetic Pauli operators, *C. R. Acad. Sci. Paris, Ser. I* 354 (2016), 606-610., @2016
- 764.** D. Sambou, A criterion for the existence of nonreal eigenvalues for a Dirac operator, *New York J. Math.* 22 (2016), 469-500., @2016
- 765.** S. Richard, An index theorem in scattering theory, In: *Proceedings of the Conference on Spectral Theory and Mathematical Physics*, Santiago de Chile, 2014; *Operator Theory: Advances and Applications*, 254, 149-203, Springer International Publishing, 2016., @2016
- 766.** D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: *Proceedings of the Conference on Spectral Theory and Mathematical Physics*, Santiago de Chile, 2014; *Operator Theory: Advances and Applications*, 254, 205-221, Springer International Publishing, 2016., @2016

- 331.** Hakkaev S., **I.D. Iliev**, K. Kirchev. Stability of periodic traveling waves for complex modified Korteweg-de Vries equation. J. Differential Equations, 248, 10, Elsevier, 2010, ISSN:0022-0396, DOI:10.1016/j.jde.2010.02.001, 2608-2627. ISI IF:1.64

Цитирана се в:

- 767.** Thiago Pinguello de Andrade, Ademir Pastor, Orbital stability of periodic traveling-wave solutions for the regularized Schamel equation, Physica D: Nonlinear Phenomena 317 (2016), 43--58. Available online 14 December 2015. IF 1.636 (2014), @2016
- 768.** Li-Yuan Ma, Shou-Feng Shen and Zuo-Nong Zhu, Integrable nonlocal complex mKdV equation: soliton solution and gauge equivalence, Preprint arXiv:1612.06723v1 [nlin.SI] 20 Dec 2016, 17 pp., @2016

- 332.** **Gerdjikov, V S**, Mikhailov, A V, **Valchev, T I**. Recursion Operators and Reductions of Integrable Equations on Symmetric Spaces. Journal of Geometry and Symmetry in Physics, 20, 2010, ISSN:1314 - 5673, 1-34. SJR:0.31, ISI IF:0.597

Цитирана се в:

- 769.** Alexandar Yanovski, Some Aspects of the Spectral Theory for  $sl(3, C)$  System with  $Z_2 \times Z_2 \times Z_2$  Reduction of Mikhailov Type with General Posititon Boundary Conditions, Proceedings of the Seventeenth International Conference on Geometry, Integrability and Quantization, Ivailo M. Mladenov, Guowu Meng and Akira Yoshioka, eds. (Sofia: Avangard Prima, 2016), 379 - 391, @2016

- 333.** **Iliev I.D.**, Chengzhi Li, Jiang Yu. Bifurcations of limit cycles in a reversible quadratic system with a center, a saddle and two nodes. Commun. Pure Appl. Analysis, 9, 3, American Institute of Mathematical Sciences (AIMS), 2010, ISSN:1534-0392, DOI:10.3934/cpaa.2010.9.583, 583-610. ISI IF:0.713

Цитирана се в:

- 770.** Jean-Pierre Francoise, Lubomir Gavrilo, Dongmei Xiao, Hilbert's 16th problem on a period annulus and Nash space of arcs, Preprint arXiv:1610.07582v1 [math.DS], 24 Oct 2016, 23 pp., @2016
- 771.** Fangfang Jiang, Junping Shi, Qing-guo Wang, Jitao Sun, On the existence and uniqueness of a limit cycle for a Lienard system with a discontinuity line, Comm. Pure Appl. Analysis 15 (2016), no. 6, 2509-2526. IF 0.926 (2015), @2016

- 334.** **Kiryakova, V.** The multi-index Mittag-Leffler functions as important class of special functions of fractional calculus. Computers and Mathematics with Applications, 59, 5, Elsevier, 2010, ISSN:0898-1221, DOI:10.1016/j.camwa.2009.08.025, 1885-1895. SJR:1.121, ISI IF:1.472

Цитирана се в:

- 772.** Li, M., Dependence of a class of non-integer power functions \ \ Journal of King Saud University - Science, 28, No 4, pp. 355-358, @2016

- 335.** **Kiryakova, V.** The special functions of fractional calculus as generalized fractional calculus operators of some basic functions. Computers and Mathematics with Applications, 59, 3, Elsevier, 2010, ISSN:0898-1221, DOI:10.1016/j.camwa.2009.05.014, 1128-1141. SJR:1.121, ISI IF:1.472

Цитирана се в:

- 773.** Anh, V.V. , Leonenko, N.N., Ruiz-Medina, M.D., Space-time fractional stochastic equations on regular bounded open domains \ \ Fractional Calculus and Applied Analysis, 19, No 5, pp. 1161-

1199, @2016

774. Chehlabi, M., Allahviranloo, T., Concreted solutions to fuzzy linear fractional differential equations \\\ Applied Soft Computing Journal, 44, pp. 108-116, @2016
775. Singhaniya, N.G., Patil, M.D., Vyawahare, V.A., Implementation of special mathematical functions for fractional calculus using DSP processor \\\ Proceedings - IEEE International Conference on Information Processing, ICIP 2015, Article No 7489493, pp. 811-816, @2016
776. Choi, J., Agarwal, P., A note on fractional integral operator associated with multiindex Mittag-Leffler functions \\\ Filomat, 30, No 7, pp. 1931-1939, @2016
777. Attiya, A.A., Some applications of mittag-leffler function in the unit disk \\\ Filomat, 30, No 7, pp. 2075-2081, @2016
336. Mitov, K. V., Mitov, G. K., **Yanev, N.M.**. Limit theorems for critical randomly indexed branching processes. Lecture Notes in Statistics, 197, Elsevier, 2010, 95-108

Цитира се в:

778. Zhenlong Gaoa, Weigang Wangb. Large and moderate deviations for a renewal randomly indexed branching process. Statistics & Probability Letters, Volume 116, September 2016, Pages 139–145, @2016
779. Zhenlong Gao and Yanhua Zhang. Limit theorems for a supercritical Poisson random indexed branching process. J. Appl. Probab. Volume 53, Number 1 (2016), 307-314., @2016

---

2011

---

337. Belyakov A., **Ts. Tsachev, V.M. Veliov.** Optimal control of heterogeneous systems with endogenous domain of heterogeneity. Applied Mathematics & Optimization, 2011, ISSN:0095-4616

Цитира се в:

780. 1. A. Bondarev, Intensity of R&D competition and the generation of innovations in heterogeneous setting, Journal of Evolutionary Economics, v. 26 (2016) No 3, 621 – 653, DOI: 10.1007/s00191-016-0457-5, @2016
338. **Iliev, Al.** Spoken Emotion Recognition Using Glottal Symmetry. EURASIP Journal on Advances in Signal Processing, 1, 2011, 2011, SJR:50, ISI IF:50

Цитира се в:

781. Iliev, A. I. (2016). Emotion Recognition in Speech using Inter-Sentence Time-Domain Statistics. Emotion, 5(3)., @2016
782. Torres, M. E., & Schlotthauer, G. (2016). No-estacionariedad, multifractalidad y limpieza de ruido en señales reales. Ciencia, Docencia y Tecnología Suplemento, 6(6)., @2016
783. Staněk, M. (2016). Určování stresu z řečového signálu., @2016
339. **J. P. Revalski, N. V. Zhivkov.** Small sets in best approximation theory. Journal of Global Optimization, 50, 1, Springer, 2011, ISSN:0925-5001, DOI:10.1007/s10898-010-9621-x, 77-91. SJR:1.064, ISI IF:1.287

Цитира се в:

784. J.M. Borwein and O. Giladi, Nearest points and delta convex functions in Banach spaces, Bulletin

- 340. Borislav Yordanov**, Grozdena Todorova, Petronela Radu. "Diffusion phenomenon in Hilbert spaces and applications.. " *Journal of Differential Equations*", 250.11, 2011, 4200-4218. SJR:2.76

Цумура се в:

- 785.** Ikehata, Ryo, and Hiroshi Takeda. "Critical exponent for nonlinear wave equations with frictional and viscoelastic damping terms." arXiv preprint arXiv:1604.08265 (2016)., @2016
- 786.** Ikehata, Ryo, and Atsushi Sawada. "Asymptotic profile of solutions for wave equations with frictional and viscoelastic damping terms." *Asymptotic Analysis* 98.1-2 (2016): 59-77., @2016
- 787.** Ikeda, Masahiro, Takahisa Inui, and Yuta Wakasugi. "The Cauchy problem for the nonlinear damped wave equation with slowly decaying data." arXiv preprint arXiv:1605.04616 (2016)., @2016

- 341. Kiryakova, V.** Criteria for univalence of the Dziok-Srivastava and Srivastava-Wright operators in the class A. *Applied Mathematics and Computation*, 218, 3, Elsevier, 2011, ISSN:0096-3003, DOI:10.1016/j.amc.2011.01.076, 883-892. SJR:0.958, ISI IF:1.317

Цумура се в:

- 788.** Altinkaya S., Yalcin S.: General properties of multivalent concave functions involving linear operator of Carlson–Shaffer type \ \ *Comptes Rendus de L'Academie Bulgare des Sciences*, 69, No 12 (2016), pp. 1533-1540., @2016
- 789.** Attiya, A.A., Some applications of mittag-leffler function in the unit disk \ \ *Filomat*, 30, No 7, pp. 2075-2081, @2016
- 790.** Sharma, P., Bajpai, A.K., On some analytic functions associated with the linear operators satisfying certain recurring relations \ \ *Asian-European Journal of Mathematics*, 9, No 2, Art. No 1650040, @2016
- 791.** Aouf, M.K., Mostafa, A.O., Zayed, H.M., Sufficiency conditions for hypergeometric functions to be in a subclasses of analytic functions \ \ *Kyungpook Mathematical Journal*, 56, No 1, pp. 235-248, @2016
- 792.** Sokoł, J., Murugusundaramoorthy, G., Kothandabani, T., Some inclusion properties of new subclass of starlike and convex functions associated with Hohlov operator \ \ *Kyungpook Mathematical Journal*, 56, No 2, pp. 597-610, @2016
- 793.** Ibrahim, R.W., Ozel, C., On multi-order fractional differential operators in the unit disk \ \ *Filomat*, 30, No 1, pp. 73-81, @2016

- 342. Chan, T., Kyprianou, A., Savov, M.** Smoothness of scale functions for spectrally negative Lévy processes . *Probability Theory and Related Fields*, 150, 2011, 691-708. ISI IF:1.53

Цумура се в:

- 794.** Hernandez-Hernandez, D., Perez, J. L. and Yamazaki, K. (2016) Optimality of refraction strategies for spectrally negative Levy Processes, *SIAM J. Control Optim.*, 54 No.3, 1126—1156, IF: 2.19, @2016

- 343. Guelev D., C. Dima, C. Enea.** An Alternating-time Temporal Logic with Knowledge, Perfect Recall and Past: Axiomatisation and Model Checking. *Journal of Applied Non-classical Logic*, 21, 1, Taylor & Francis, 2011, ISSN:1166-3081 (Print), 1958-5780 (Online), DOI:10.3166/jancl.21.93-131, 93-131

Цумура се в:

795. Wojciech Jamroga, Michał Knapik, Damian Kurpiewski. Fixpoint Approximation of Strategic Abilities under Imperfect Information, arXiv:1612.02684 [cs.MA], Submitted on 8 Dec 2016, @2016
796. Xiaowei Huang, Qingliang Chen and Kaile Su. Strengthening Agents Strategic Ability via Communication. In Thirtieth AAAI Conference on Artificial Intelligence (AAAI 2016), to appear., @2016
797. Thomas Ågotnes and Natasha Alechina. "Coalition Logic with Individual, Distributed and Common Knowledge." Journal of Logic and Computation. 2016. doi: 10.1093/logcom/exv085, @2016

344. Harizanov, S., Oswald, P., Shingel, T.. Normal multi-scale transforms for curves. Foundations of Computational Mathematics, 11, 6, Springer, 2011, ISSN:1615-3383, DOI:10.1007/s10208-011-9104-6, 617-656. ISI IF:2.389

Цитира се в:

798. Bergmann, R. and Weinmann, A., 2016. A Second-Order TV-Type Approach for Inpainting and Denoising Higher Dimensional Combined Cyclic and Vector Space Data. Journal of Mathematical Imaging and Vision, 55(3), pp.401-427. ISI IF:1.461 ISSN: 0924-9907 DOI: 10.1007/s10851-015-0627-3, @2016

345. Kovacheva R., H.P. Blatt. Growth behavior and zero distribution of rational functions. Constructive Approximation, 34, 3, Springer, 2011, ISSN:0176-4276, DOI:DOI 10.1007/s00365-010-9124-5, 393-420. ISI IF:1.135

Цитира се в:

799. "Zero distribution of incomplete Padé and Hermite-Padé approximations" de la Calle Ysern, B., Mínguez Cenicerós, J. of Journal of Approximation Theory volume 201, issue , year 2016, pp. 13 - 29, 2014 – Elsevier, . IF: 0.812, ISSN: 0021-9045, IF: 0, 810, @2016

800. АПРОКСИМАЦИИ С РАЦИОНАЛНИ ФУНКЦИИ В КОМПЛЕКСНАТА РАВНИНА” Николай Руменов Икономов АВТОРЕФЕРАТ .., @2016

346. Dombrowski, N, Germinet, F, Raikov, G. Quantization of edge currents along magnetic barriers and magnetic guides. Annales Henri Poincaré, 12, 6, Springer, 2011, ISSN:1424-0637, 1169-1197. ISI IF:1.643

Цитира се в:

801. P. D. Hislop, N. Popoff, N. Raymond, M. P. Sundqvist, Band functions in the presence of magnetic steps, Math. Models Methods Appl. Sci. 26 (2016), 161-184., @2016

802. P. Miranda, Eigenvalue asymptotics for a Schrödinger operator with non-constant magnetic field along one direction, Ann. H. Poincaré, 17 (2016), 1713-1736., @2016

803. M. Tusek, On an extension of the Iwatsuka model, J. Phys. A: Math. Theor. 49 (2016), 365205, 13pp., @2016

347. Pericliev V.. On phonemic diversity and the origin of language in Africa. Linguistic Typology [ERIH INT1], 15, 2, De Gruyter, 2011, ISSN:1430-0532, 217-221. SJR:0.38

Цитира се в:

804. Fort, J., @ Perez-Losada, J. Can a linguistic serial founder effect originating in Africa explain the worldwide phonemic cline? Journal of the Royal Society Interface, @2016

- 348.** Georgiev, S., **Minchev, Z.**, Christova, Ch., Philipova, D.. Gender Event-Related Brain Oscillatory Differences in Normal Elderly Population EEG. International Journal of BioAutomation, 15, 1, Marin Drinov Publishing House, 2011, ISSN:1314-2321, 33-48. SJR:0.228

Цитирана се в:

- 805.** Kober, S., Reichert, J., Neuper, Ch., Wood, G. Interactive Effects of Age and Gender on EEG Power and Coherence During a Short-Term Memory Task in Middle-Aged Adults, Neurobiology of Aging, Vol. 40, 127–137, 2016, ISSN 0197-4580, DOI 10.1016/j.neurobiolaging.2016.01.015, 5-Year Impact Factor = 5.224, @2016
- 806.** Reyes, E., Estudio del comportamiento fisiológico de usuario de la web como determinante del género basado en herramientas de eye tracking, electroencefalograma y técnicas de minería de datos, Universidad de Chile, Facultad de Ciencias Físicas y Matemáticas, Departamento de Ingeniería Industrial, 2016, @2016

- 349.** **Popova E. D.**, W. Krämer. Characterization of AE Solution Sets to a Class of Parametric Linear Systems. Comptes rendus de l'Academie bulgare des Sciences, 64, 3, BAS, 2011, ISSN:1310-1331, 325-332. ISI IF:0.21

Цитирана се в:

- 807.** Rzezuchowski, T., Wąsowski, J., AE rozwiązania układów równań liniowych z niepewnymi parametrami, in 45th Polish Conference on the Applications of Mathematics, Zakopane, Poland, 2016., @2016
- 808.** Marzieh Dehghani-Madiseh , Mehdi Dehghan, Parametric AE-solution sets to the parametric linear systems with multiple right-hand sides and parametric matrix equation  $A(p)X = B(p)$ , Numerical Algorithms, 73(1):245-279, 2016., @2016

- 350.** **Rangelov T.**, Stoyanov Y., Dineva P.. Dynamic fracture behavior of functionally graded magneto-electroelastic solids by BIEM. International Journal of Solids and Structures, 48, 20, 2011, ISSN:0020-7683, 2987-2999. ISI IF:1.857

Цитирана се в:

- 809.** Ma Peng, New interfacial crack models for plane fracture problems in magneto-electroelastic bimetals, PhD thesis, The University of Hong Kong (Pokfulam, Hong Kong), 2016, @2016

- 351.** Vaccarino FM, Stevens HE, Kocabas A, **Palejev D**, Szekely A, Grigorenko EL, Weissman S.. Induced pluripotent stem cells: a new tool to confront the challenge of neuropsychiatric disorders. Neuropharmacol, 60, 7-8, 2011, DOI:10.1016/j.neuropharm.2011.02.021, 1355-1363. ISI IF:4.819

Цитирана се в:

- 810.** Falk, A., Heine, V.M., Harwood, A.J., Sullivan, P.F., Peitz, M., Brüstle, O., Shen, S., Sun, Y.-M., Glover, J.C., Posthuma, D., Djurovic, S. Modeling psychiatric disorders: From genomic findings to cellular phenotypes (2016) Molecular Psychiatry, 21 (9), pp. 1167-1179. Cited 1 time. DOI: 10.1038/mp.2016.89, @2016
- 811.** Raciti, M., Ong, J., Weis, L., Edoff, K., Battagli, C., Falk, A., Ceccatelli, S. Glucocorticoids alter neuronal differentiation of human neuroepithelial-like cells by inducing long-lasting changes in the reactive oxygen species balance (2016) Neuropharmacology, 107, pp. 422-431. DOI: 10.1016/j.neuropharm.2016.03.022, @2016
- 812.** Watmuff, B., Berkovitch, S.S., Huang, J.H., Iaconelli, J., Toffel, S., Karmacharya, R. Disease signatures for schizophrenia and bipolar disorder using patient-derived induced pluripotent stem cells (2016) Molecular and Cellular Neuroscience, 73, pp. 96-103. Cited 2 times. DOI:

- 352. Revalski J.P.** Regularization procedures for monotone operators: recent advances. Fixed-Point Algorithms for Inverse Problems in Science and Engineering, Vol.49, Springer Optimization and Its Applications, 2011, 317-344

Цитира се в:

- 813.** L. Yao, *Finer Properties of Ultramaximally Monotone Operators on Banach Spaces*, J. Convex Analysis, 23 (2016), 1205-1218, @2016

- 353. Slavova A., V. Rashkova.** A Novel CNN Based Image Denoising Model. Proc. ECCTD 2011, 2011, ISBN:978-1-4577-0616-5, 225-228

Цитира се в:

- 814.** 1. Zhang, X.-H.; Yu, L.-H., *Fractional-order cellular neural networks adaptive synchronization control circuit design and simulation*, Control Theory and Applications, Volume 33, Issue 6, 1 June 2016, Pages 753-762, @2016

- 815.** 2. Zhang, X.-H.; Yu, L.-H., *Multi-element circuit simulation of alterable parameters and switchable fractional-order cellular neural networks*, Acta Electronica Sinica, Volume 44, Issue 4, 1 April 2016, Pages 933-943, @2016

- 354. Stanchev P.** Multimedia Standards. History. State of the Art. Proc. of the 3rd Int. Conf. "Future Generation Information Technology" - FGIT 2011, 2011, 39-42

Цитира се в:

- 816.** Javadi-Moghaddam, S.M., 2016. *A Distributed Framework For Multimedia Using Small World Communities*. Doctoral dissertation, National Technical University of Athens., @2016

- 355. Toceva D., N. Kyurkchiev, A. Iliev.** On some iterative algorithms for polynomial factorization. C. R. Acad. Bulg. Sci., 2011, ISSN:1310-1331, ISI IF:0.219

Цитира се в:

- 817.** М. Василева, *Ускорена сходимост на фамилии от итерационни методи за едновременна апроксимация на нули на полиноми*, Дисертационен труд за присъждане на образователната и научна степен "доктор", Пловдивски Университет "Паисий Хилендарски", Пловдив, 2016; <http://procedures.uni-plovdiv.bg/docs/procedure/876/1274886491105671591.pdf>, @2016

- 818.** P. Proinov, *A general semilocal convergence theorems for simultaneous methods for polynomial zeros and its applications to the Ehrlich's and Dochev-Byrnev's methods*, Appl. Math. and Computation, 284, 2016, 102-114; IF = 1.551; <http://www.sciencedirect.com/science/article/pii/S0096300316301746>, @2016

- 356. Yanev N., Milanov P., Mirchev I.** Integer programming approach to HP folding. Serdica Journal of computing, 5, 4, 2011, ISSN:1312-6555, 359-366

Цитира се в:

- 819.** *An integer programming model for protein structure prediction using the 3D-HP side chain model*, LF Nunes, LC Galvão, HS Lopes, P Moscato, Discrete Applied Mathematics, Volume 198, 10 January 2016, Pages 206–214, @2016

- 357. Bruneau, V., Miranda, P. L., Raikov, G.** Discrete spectrum of quantum Hall effect Hamiltonians I.



Monotone edge potentials. Journal of Spectral Theory, 1, 3, EMS, 2011, DOI:10.4171/JST/11, 237-272. ISI IF:0.868

Цитирана се е:

- 820.** M. Tusek, On an extension of the Iwatsuka model, J. Phys. A: Math. Theor. 49 (2016), 365205, 13pp., @2016
- 358.** Nikolov N, P. Pflug, P. J. Thomas. Spectral Nevanlinna-Pick and Caratheodory-Fejer problems for  $n \leq 3$ . Indiana Univ. Math. J., 60, 2011, 883-893. SJR:2.06

Цитирана се е:

- 821.** R. B. Andrist, Lifting to the spectral ball with interpolation, J. Math. Anal. Appl. 435 (2016), 315-320., @2016
- 359.** Kiryakova, V., J. Tenreiro Machado, F. Mainardi. Recent history of fractional calculus. Communications in Nonlinear Sci. and Numerical Simulations, 16, 3, Elsevier, 2011, ISSN:1007-5704, DOI:doi:10.1016/j.cnsns.2010.05.027, 1140-1153. SJR:1.461, ISI IF:2.806

Цитирана се е:

- 822.** Tarasov, V.E., Exact discretization by Fourier transforms \\\ Communications in Nonlinear Science and Numerical Simulation, 37, pp. 31-61, @2016
- 823.** Roy, P. , Roy, B.K., Dual mode adaptive fractional order PI controller with feedforward controller based on variable parameter model for quadruple tank process \\\ ISA Transactions, 63, pp. 365-376, @2016
- 824.** Maheri, M., Arifin, N.M., Synchronization of two different fractional-order chaotic systems with unknown parameters using a robust adaptive nonlinear controller \\\ Nonlinear Dynamics, 85, No 2, pp. 825-838, @2016
- 825.** Frederico, G.S.F., Lazo, M.J., Fractional Noether's theorem with classical and Caputo derivatives: constants of motion for non-conservative systems \\\ Nonlinear Dynamics, 85, No 2, pp. 839-851, @2016
- 826.** Leyden, K., Goodwine, B., Using fractional-order differential equations for health monitoring of a system of cooperating robots \\\ Proceedings - IEEE International Conference on Robotics and Automation, Article number 7487154, Pages 366-371, @2016
- 827.** Mozyrska D., Ostalczyk P.: Variable-fractional-order Grünwald-Letnikov backward difference selected properties -- 39th International Conference on Telecommunications and Signal Processing, TSP 2016, art. no. 7760959, pp. 634-637, @2016
- 828.** Xu, Y., Sun, K., He, S., Zhang, L., Dynamics of a fractional-order simplified unified system based on the Adomian decomposition method \\\ European Physical Journal Plus, 131, No 6, Article number 186, @2016
- 829.** Tarasov, V.E., Leibniz Rule and Fractional Derivatives of Power Functions \\\ Journal of Computational and Nonlinear Dynamics, 11, No 3, Art number 031014, @2016
- 830.** Chen, H., Lü, S., Chen, W., Spectral methods for the time fractional diffusion-wave equation in a semi-infinite channel \\\ Computers and Mathematics with Applications, 71, No 9, pp. 1818-1830, @2016
- 831.** Velmurugan, G., Rakkiyappan, R., Hybrid Projective Synchronization of Fractional-Order Chaotic Complex Nonlinear Systems with Time Delays \\\ Journal of Computational and Nonlinear Dynamics, 11, No 3, Art number 031016, @2016

- 832.** Gómez-Aguilar, J.F., López-López, M.G., Alvarado-Martínez, V.M., Reyes-Reyes, J., Adam-Medina, M., Modeling diffusive transport with a fractional derivative without singular kernel \\ *Physica A: Statistical Mechanics and its Applications*, 447, pp. 467-481, @2016
- 833.** Guendouzi, T., Farahi, S., Approximate Controllability of Semilinear Fractional Stochastic Dynamic Systems with Nonlocal Conditions in Hilbert Spaces \\ *Mediterranean Journal of Mathematics*, 13, No 2, pp. 637-656, @2016
- 834.** Mincheva-Kaminska, S., Convolutional approach to fractional calculus for distributions of several variables \\ *Fractional Calculus and Applied Analysis*, 19, No 2, pp. 441-462, @2016
- 835.** Wang, F.-F., Chen, D.-Y., Zhang, X.-G., Wu, Y. , The existence and uniqueness theorem of the solution to a class of nonlinear fractional order system with time delay \\ *Applied Mathematics Letters*, 53, pp. 45-51, @2016
- 836.** Chen, W., Hu, S., Cai, W., A causal fractional derivative model for acoustic wave propagation in lossy media \\ *Archive of Applied Mechanics*, 86, No 3, pp. 529-539, @2016
- 837.** Ahmad, B., Ntouyas, S.K., Alsaedi, A., On a coupled system of fractional differential equations with coupled nonlocal and integral boundary conditions \\ *Chaos, Solitons and Fractals*, 83, pp. 234-241, @2016
- 838.** Roy, P., Borah, M., Majhi, L., Singh, N., Design and implementation of FOPID controllers by PSO, GSA and PSOGSA for MagLev system \\ *International Symposium on Advanced Computing and Communication, ISACC 2015*, Article number 7377307, pp. 10-15, @2016
- 839.** Choi, J., Agarwal, P., A note on fractional integral operator associated with multiindex Mittag-Leffler functions \\ *Filomat*, 30, No 7, pp. 1931-1939, @2016
- 840.** Vyawahare, V.A., Nataraj, P.S.V., Development of one-dimensional fractional-order two-group models for nuclear reactor \\ *IFAC-PapersOnLine*, 49, No 1, 2016, pp. 260-265, @2016
- 841.** Kumar, D., Choi, J., Certain generalized fractional differentiation of the product of two N-functions associated with the appell function  $F_3$  \\ *Applied Mathematical Sciences*, 10, No 1-4, pp. 187-196, @2016
- 842.** Benkhettou, N., Hassani, S., Torres, D.F.M., A conformable fractional calculus on arbitrary time scales \\ *Journal of King Saud University - Science*, 28, No 1, pp. 93-98, @2016
- 843.** Khodabakhshi, N., Vaezpourz, S.M., The existence of extremal solutions to nonlinear fractional integro-differential equations with advanced arguments \\ *Hacettepe Journal of Mathematics and Statistics*, 45, No 5, pp. 1411-1420, @2016
- 844.** Avazpour, L., Allahviranloo, T., Islam, S., Uncertain Hermite-Hadamard inequality for functions with  $(s, m)$ -Godunova-Levin derivatives via fractional integral \\ *Journal of Nonlinear Science and Applications*, 9, No 5, pp. 3333-3347, @2016
- 845.** Tarasov, V.E., On chain rule for fractional derivatives \\ *Communications in Nonlinear Science and Numerical Simulation*, 30, No 1-3, pp. 1-4, @2016
- 846.** Huang, L.-L., Baleanu, D., Wu, G.-C., Zeng, S.-D., A new application of the fractional logistic map \\ *Romanian Journal of Physics*, 61, No 7-8, pp. 1172-1179, @2016
- 847.** Yépez-Martínez, H., Gómez-Aguilar, J.F., Sosa, I.O., Reyes, J.M., Torres-Jiménez, J., The Feng's first integral method applied to the nonlinear mKdV space-time fractional partial differential equation \\ *Revista Mexicana de Física*, 62, No 4, pp. 310-316, @2016
- 848.** Lupinska B., Odziejewicz T., Schmeidel E.: On the solutions to a generalized fractional Cauchy problem // *Applicable Analysis and Discrete Mathematics*, 10, No 2 (2016), pp. 332-344., @2016

- 849.** Sapora, A., Cornetti, P., Carpinteri, A., Baglieri, O., Santagata, E., The use of fractional calculus to model the experimental creep-recovery behavior of modified bituminous binders \ \ Materials and Structures/Materiaux et Constructions, 49, No 1-2, pp. 45-55, @2016
- 850.** Aguilar, J.F.G., Córdova-Fraga, T., Tórres-Jiménez, J., (...), Olivares-Peregrino, V.H., Guerrero-Ramírez, G.V., Nonlocal Transport Processes and the Fractional Cattaneo-Vernotte Equation \ \ Mathematical Problems in Engineering, 2016, Article number 7845874, @2016
- 851.** Rodríguez-Aguilar, R., Cruz-Aké, S., Venegas-Martínez, Y.F., The mahalanobis distance between the hurst coefficient and the Alpha-Stable parameter: An early warning indicator of crises \ \ International Journal of Pure and Applied Mathematics, 110, No 2, pp. 283-310, @2016
- 852.** Matusu, R., Senol, B.: Two approaches to description and robust stability analysis of fractional order uncertainty systems \ \ 2016 IEEE Conference on Control Applications, CCA 2016, 2016-Sept., Art. no. 7587977, pp. 1244-1249, @2016
- 853.** Ostalczyk, Piotr: Discrete Fractional Calculus (Applications in Control and Image Processing), World Sci. Publ., ISBN 978-981-4725-66-8, ISSN 2010-2143, 381 pp., @2016
- 854.** Saadia, A., Rashdi, A., Fractional order integration and fuzzy logic based filter for denoising of echocardiographic image \ \ Computer Methods and Programs in Biomedicine, 137, pp. 65-75, @2016
- 855.** Azarang, A., Kamaei, S., Miri, M., Asemani, M.H., A new fractional-order chaotic system and its synchronization via Lyapunov and improved Laplacian-based method \ \ Optik, 127, Issue 24, pp. 11717-11731, @2016
- 856.** Tarasov, V.E., Partial fractional derivatives of Riesz type and nonlinear fractional differential equations \ \ Nonlinear Dynamics, 85, No 3, pp. 1745-1759, @2016
- 857.** Lanusse, P., Gruel, D.N., Lamara, A., Lesobre, A., Wang, X., Chamaillard, Y., Oustaloup, A., Development of a fractional order based MIMO controller for high dynamic engine testbeds \ \ Control Engineering Practice, 56, pp. 174-189, @2016
- 858.** Anh, V.V., Leonenko, N.N., Ruiz-Medina, M.D., Space-time fractional stochastic equations on regular bounded open domains \ \ Fractional Calculus and Applied Analysis, 19, No 5, pp. 1161-1199, @2016
- 859.** Tarasov, V.E., Geometric interpretation of fractional-order derivative \ \ Fractional Calculus and Applied Analysis, 19, No 5, pp. 1200-1221, @2016
- 860.** Goodwine, B., Fractional-order approximations to implicitly-defined operators for modeling and control of networked mechanical systems \ \ IEEE International Symposium on Intelligent Control – Proceedings, Art. No 7579986, @2016
- 861.** Pandey, V., Holm, S., Linking the fractional derivative and the Lomnitz creep law to non-Newtonian time-varying viscosity \ \ Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 94, No 3, Article number 032606, @2016
- 862.** Li, L.-L., Gu, G.-Y. , Zhu, L.-M., A fractional-order active damping control approach for piezo-actuated nanopositioning stages \ \ 2016 International Conference on Manipulation, Automation and Robotics at Small Scales, MARSS 2016, Article number 7561707, @2016
- 863.** Amairi, M., Recursive set membership estimation for output-error fractional models with unknown-but-bounded errors \ \ International Journal of Applied Mathematics and Computer Science, 26, No 3, pp. 543-553, @2016
- 864.** Garrappa, R., Grünwald-Letnikov operators for fractional relaxation in Havriliak-Negami models \ \ Communications in Nonlinear Science and Numerical Simulation, 38, pp. 178-191, @2016
- 865.** Kovincic, N.I. , Spasic, D.T., Dynamics of a middle ear with fractional type of dissipation \ \

Nonlinear Dynamics, 85, No 4, pp. 2369-2388, @2016

- 866.** Shah, P., Agashe, S., Review of fractional PID controller \\ Mechatronics, 38, pp. 29-41, @2016
- 867.** Zhe, G. , Xiaowu, C., Zhai, L., Ting, L., Stabilization criterion of fractional-order PD $\mu$  controllers for interval fractional-order plants with one fractional-order term \\ Chinese Control Conference, CCC, Article number 7555007, Pages 10424-10430, @2016
- 868.** Zhao, L., Cao, J., Xiao, M., Hopf bifurcation in fractional-order recurrent neural networks \\ Proceedings of the 28th Chinese Control and Decision Conference, CCDC 2016, Article number 7532057, Pages 5921-5926, @2016
- 869.** Eshaghi, J., Adibi, H., Kazem, S., Solution of nonlinear weakly singular Volterra integral equations using the fractional-order Legendre functions and pseudospectral method \\ Mathematical Methods in the Applied Sciences, 39, No 12, pp. 3411-3425, @2016
- 870.** Coronel-Escamilla, A., Gómez-Aguilar, J.F. , Alvarado-Méndez, E., Guerrero-Ramírez, G.V., Escobar-Jiménez, R.F., Fractional dynamics of charged particles in magnetic fields \\ International Journal of Modern Physics C, 27, Issue 8, Article number 1650084, @2016
- 871.** Spasic, D.T., Kovincic, N.I., Dankuc, D.V., A new material identification pattern for the fractional Kelvin-Zener model describing biomaterials and human tissues \\ Communications in Nonlinear Science and Numerical Simulation, 37, pp. 193-199, @2016
- 872.** Yang, Y., Xu, W., Yang, G., Jia, W., Response analysis of a class of quasi-linear systems with fractional derivative excited by Poisson white noise \\ Chaos, 26, No 8, Article number 084302, @2016
- 360.** **Bogdanova G., Todorov T., Noev N.** Digital Repository of Information and Knowledge - Fund "BellKnow". In the Proceedings of the First International Conference -Digital Preservation and Presentation of Cultural and Scientific Heritage" - DiPP'11, 1, 1, ИМИ-БАН, 2011, ISSN:1314-4006, 91-98

Цитира се в:

- 873.** Гойнов М., Оперативна съвместимост между цифрови библиотеки за културно наследство, ИМИ-БАН, София, 2016, 1-147, @2016
- 361.** **Dimitrova L., Dutsova R., Panova R.** Information Technologies for the Preservation of Language Heritage. In Proceedings of the International Conference Digital Presentation and Preservation of Cultural and Scientific Heritage DiPP 2011, 2011, ISSN:1314-4006

Цитира се в:

- 874.** Stefka Kovacheva (2016). Presentation of UNESCO Bulgarian Cultural Heritage Sites as Knowledge System in a Learning Environment. In Proceedings of the International Conference "Digital Presentation and Preservation of Cultural and Scientific Heritage", Vol. 6, 179-188. ISSN 1314-4006, @2016
- 362.** Grozev N., **N. Maneva**, D. Lilov. Facilitating Quality Assurance Through a Source Code Metrics Framework. Proc. of the 7-th Int. conference on Computer Science and Education, 2011, ISSN:1313-8624, 73-87

Цитира се в:

- 875.** С. Гафтанджиева. Модел и система за динамично оценяване на качеството във висшето образование, Дисертация, Пловдив, 2016, @2016
- 363.** **Gerdjikov, V S, Grahovski, G G, Mikhailov, A V, Valchev, T I.** Rational Bundles and Recursion

Operators for Integrable Equations on A.III Symmetric Spaces. Theoretical and Mathematical Physics, 167, 3, Springer, 2011, ISSN:1573-9333, 740-750. ISI IF:0.801

Цитира се в:

**876.** Alexandar Yanovski, Some Aspects of the Spectral Theory for  $sl(3, \mathbb{C})$  System with  $Z_2 \times Z_2 \times Z_2$  Reduction of Mikhailov Type with General Posititon Boundary Conditions, Proceedings of the Seventeenth International Conference on Geometry, Integrability and Quantization, Ivailo M. Mladenov, Guowu Meng and Akira Yoshioka, eds. (Sofia: Avangard Prima, 2016), 379 - 391, @2016

**364.** Pavlov R., D. Paneva-Marinova. Digital Libraries and Portals Saving National Cultural Heritage (IMI-BAS Experience) (Invited Talk, Abstract). In the Proceedings of the First International Conference "Digital Preservation and Presentation of Cultural and Scientific Heritage, 2011, ISSN:1314-4006

Цитира се в:

**877.** Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016

**365.** Pavlova-Draganova L., Paneva-Marinova D., Pavlov R.. Ontological Presentation of East-Christian Iconographical Art Domain. International Journal "Serdica Journal of Computing", 2, 2011, ISSN:1312-6555, 101-114

Цитира се в:

**878.** Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016

---

## 2012

---

**366.** Manolis G., Dineva P., Rangelov T.. Dynamic fracture analysis of a smoothly inhomogeneous plane containing defects by BIEM. Engineering Analysis with Boundary Elements, 36, 5, 2012, ISSN:0955-7997, 727-737. ISI IF:1.596

Цитира се в:

**879.** Li Ming Zhou, Guang Wei Meng, Xiao Lin Li, and Feng Li, Analysis of Dynamic Fracture Parameters in Functionally Graded Material Plates with Cracks by Graded Finite Element Method and Virtual Crack Closure Technique, Advances in Materials Science and Engineering, Volume 2016 (2016), Article ID 8085107, 14 pages <http://dx.doi.org/10.1155/2016/8085107>, @2016

**367.** Вълчанов, Н., Петкова, П., Илиев, А.. Интеграция на изчислителна библиотека за симулация на математически модели в уеб базирана система за управление на курсове. Сборник доклади от Юбилейна национална научна конференция с международно участие „Традиции, посоки, предизвикателства“, ПУ "Паисий Хилендарски" - Филиал гр. Смолян, 50 години научно-образователна институция в Средните Родопи, 2012, ISBN:978-954-8767-43-9, 89-94

Цитира се в:

**880.** Kyurkchiev, P., Extendable Architecture for Process Simulation System with Possibility of Work With Large Number of External Libraries, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016

**881.** Matanski, V., Exploring Synesthesia Utilizing Software Technologies, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016

**368. Siruk O.** Corpus of Ukrainian Dialect Texts (CorUDiT) as a component of a Corpus of Texts of the Ukrainian Language (CTUL). Prace Filologiczne. Seria językoznawcza, LXIII, Warszawa: Wydział Polonistyki UW, 2012, ISSN:0138-0567, 257-270

Цитира се в:

**882.** Sierociuk Jerzy. Korpus gwarowy – możliwości i ograniczenia // Діалекти в синхронії та діахронії: текст як джерело лінгвістичних студій. – К.: КММ, 2015. – р. 337-348. (ISBN 978-966-1673-29-7), @2016

**369. Paneva-Konovska J.** Inequalities and asymptotic formulae for the three parametric Mittag-Leffler functions. Math. Balkanica, 26, 1-2, MASSEE, 2012, ISSN:0205-3217

Цитира се в:

**883.** D Kumar, On certain fractional calculus operators involving generalized Mittag-Leffler function, Sahand Communications in Mathematical Analysis (SCMA), 2016, Vol. 3, No. 2, 33 - 45, @2016

**884.** RK Gupta, BS Shaktawat, D Kumar, Marichev-Saigo-Maeda fractional calculus operators involving generalized Mittag-Leffler function, Journal of Chemical, Biological and Physical Sciences (JCBPS), 2016, 6, No2, 556-567, @2016

**370. Paneva-Marinova D., Pavlov R., Goynov M.** Two Integrated Digital Libraries for Knowledge and Iconography of Orthodox Saints. Proceedings, Series: Lecture Notes in Computer Science, Vol. 7616, Springer, Heidelberg, Subseries: Information Systems and Applications, incl. Internet/Web, and HCI, Ioannides, M.; Fritsch, D.; Leissner, J.; Davies, R.; Remondino, F.; Caffo, R.-eds, 7616, XXV, 2012, 684-691

Цитира се в:

**885.** Noev, N., G. Bogdanova, T.Todorov, Towards Better Presenting and Searching of Bells Knowledge, Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 207-212, @2016

**371. Popova E. D.** Explicit Description of AE Solution Sets for Parametric Linear Systems. SIAM. J. Matrix Anal. & Appl., 33, 4, SIAM, 2012, ISSN:1095-7162 (online), DOI:10.1137/120870359, 1172-1189. ISI IF:1.342

Цитира се в:

**886.** Hladik, M., An extension of the  $\alpha$ -type underestimation to linear parametric Hessian matrices, Journal of Global Optimization (2016) 64(2):217–231., @2016

**887.** Rzezuchowski, T., Wąsowski, J., AE rozwiązania układów równań liniowych z niepewnymi parametrami, in 45th Polish Conference on the Applications of Mathematics, Zakopane, Poland, 2016., @2016

**888.** Marzieh Dehghani-Madiseh , Mehdi Dehghan, Parametric AE-solution sets to the parametric linear systems with multiple right-hand sides and parametric matrix equation  $A(p)X = B(p)$ , Numerical Algorithms, 73(1):245-279, 2016., @2016

- 889.** M. Hladík, Transformations of interval linear systems of equations and inequalities, Linear and Multilinear Algebra, online May 2016., @2016
- 890.** I. A. Sharaya, S. Shary, Reserve of Characteristic Inclusion as Recognizing Functional for Interval Linear Systems, in M. Nehmeier, J. Wolff von Gudenberg, W. Tucker (Eds), Scientific Computing, Computer Arithmetic, and Validated Numerics, LNCS 9553, 2016, pp. 148-167., @2016
- 891.** Hladik, M., Robust optimal solutions in interval linear programming with forall-exists quantifiers, European Journal of Operational Research, 2016, 254(3):705–714., @2016
- 372. Raikov G.,** Miranda P.. Discrete spectrum of quantum Hall effect Hamiltonians II. Periodic edge potential. Asymptotic Analysis, 2012, ISSN:0921-7134
- Цитира се в:*
- 892.** M. Tusek, On an extension of the Iwatsuka model, J. Phys. A: Math. Theor. 49 (2016), 365205, 13pp., @2016
- 373. Rangochev K.,** Dimitrova M., **Paneva-Marinova D.** Medieval Sources and Present-Day Folklore Materials on Saints in an Electronic Encyclopedia. In the Proceedings of the Second International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, 2012, ISSN:1314-4006, 172-176
- Цитира се в:*
- 893.** Максим Красимиров Гойнов. Оперативна съвместимост между цифрови библиотеки за културно наследство. Дисертационен труд, 2016, 1-147, @2016
- 374. Revalski J.P., N.V. Zhivkov.** Best approximation problems in compactly uniformly rotund spaces. Journal of Convex Analysis, 19, 2012, ISSN:0944-6532, 1153-1166. ISI IF:0.625
- Цитира се в:*
- 894.** J.M. Borwein and O. Giladi, Nearest points and delta convex functions in Banach spaces, Bulletin of the Australian Mathematical Society, Vol 93, issue 2, 2016, 283-294., @2016
- 375. Pfander, G, Rashkov, P,** Wang, Y. A Geometric Construction of Tight Multivariate Gabor Frames with Compactly Supported Smooth Windows. J Fourier Anal Appl, 18, 2, Springer Verlag, 2012, ISSN:1069-5869, DOI:10.1007/s00041-011-9198-x, 223-239. SJR:1.18, ISI IF:0.912
- Цитира се в:*
- 895.** Ole Christensen, An Introduction to Frames and Riesz Bases Birkhäuser Basel, ISBN 978-3-319-25611-5, Page 493, @2016
- 896.** Vignon Oussa, Sampling and interpolation on some nilpotent Lie groups Forum Mathematicum. Volume 28, Issue 2, Pages 255–273, 2016., @2016
- 376. Chehlarova T.** IBME in primary schools in Bulgaria: Some examples of dynamic scenarios and their implementation in a class setting. B: Baptist, 2012, ISBN:978-3-00-040752-9
- Цитира се в:*
- 897.** Sendova, E., Inquiry-Based Learning as a Natural Venicle for Cross-Curricular Integration: The Bulgarian Experience. KUPM 2016 - Zbornik razĹirjenih povzetkov. p.33-35. 2016. ISBN 978-961-03-0352-7, @2016

- 377. Baicheva T., S. Topalova.** Optimal  $(v,4,2,1)$  optical orthogonal codes with small parameters. Journal of Combinatorial Designs, 20, 2, 2012, ISSN:1063 - 8539, 142-160. SJR:1.487, ISI IF:0.687

Цитирана се е:

- 898.** W. Li, H. Yu and D. Wu, Bounds and constructions for optimal  $(n, \{3, 5\}, \lambda, 1, Q)$ -OOCs, Discrete Mathematics, Vol. 339, 6 January 2016, pp. 21–32., @2016
- 899.** Y. Zhang, M. Peng, S. Yang, A Clique-Based Online Algorithm for Constructing Optical Orthogonal Codes, Applied Soft Computing, Available online 25 May 2016., @2016

- 378. Ivanova K., P. Stanchev, K. Vanhoof, M. Dobрева.** APICAS - Content-Based Image Retrieval in Art Image Collections Utilizing Colour Semantics. Chapter 4 of Access to Digital Cultural Heritage: Innovative Applications of Automated Metadata Generation., University Publishing House "Paisii Hilendarski", 2012, ISBN:978-954-423-722-6

Цитирана се е:

- 900.** Sartori, A., Culibrk, D., Yan, Y., Job, R. and Sebe, N., Computational Modeling of Affective Qualities of Abstract Paintings. Browse Journals & Magazines, IEEE MultiMedia, Volume: 23, Issue: 3, 44-54, DOI: 10.1109/MMUL.2016.20, @2016

- 379. Bazhlekova, E..** Existence and uniqueness results for a fractional evolution equation in Hilbert space. Fract. Calc. Appl. Anal., 2012, ISSN:1311-0454, SJR:1.069

Цитирана се е:

- 901.** Suganya, Selvaraj, Palaniyappan Kalamani, and Mani Mallika Arjunan. "Existence of a class of fractional neutral integro-differential systems with state-dependent delay in Banach spaces." Computers & Mathematics with Applications (2016). <http://dx.doi.org/10.1016/j.camwa.2016.01.016>, @2016

- 902.** Tatar, Salih, and Süleyman Ulusoy. "An inverse problem for a nonlinear diffusion equation with time-fractional derivative." Journal of Inverse and Ill-posed Problems. DOI: 10.1515/jiip-2015-0100, @2016

- 380. Bogdanova G., Todorov T., Noev N..** Semantic Model of Digital Resources of Bulgarian Bells. Mathematica Balkanica, 25, 25, 2012, ISSN:0205-3217, 483-490

Цитирана се е:

- 903.** Márkus, Zsolt László, et al. "BOOK@ HAND Bells: Mobile Presentation of the Valuable Bells of the Historic and Culture Heritage of Bulgaria." Digital Presentation and Preservation of Cultural and Scientific Heritage VI (2016): 73-80., @2016

- 381. Bogdanova G., Stoffel K., Todorov T., Noev N..** 3D Modeling of Valuable Bulgarian Bells and Churches. Mathematica Balkanica, 25, Bulgarian Academy of Sciences, 2012, ISSN:ISBN 0205-3217, 475-482

Цитирана се е:

- 904.** Robov, Mirko. "Creating a Digital Model of the Damages of the Earthquake of Metropolitan Tarnovo/13th century." Digital Presentation and Preservation of Cultural and Scientific Heritage VI (2016): 285-288., @2016

- 382. Bouyuklieva S., I. Bouyukliev.** An Algorithm for Classification of Binary Self-Dual Codes. IEEE Transactions on Information Theory, 58, 2012, 3933-3940



Цумура се в:

**905.** Yankov, Nikolay, and Radka Russeva. "Further results on the classification of binary self-dual [52, 26, 10] codes with an automorphism of odd prime order.", @2016

**383.** Boyvalenkov P., S. Dodunekov, O. Musin. A survey on the kissing numbers. *Serdica Math. Journal*, 38, 4, IMI-BAS, 2012, ISSN:1310-6600, 507-522

Цумура се в:

**906.** Karoly Bezdek, Muhammad A. Khan, Contact numbers for sphere packings, @2016

**384.** Abyzov A, Mariani J, **Palejev D**, Zhang Y, Haney M, Tomasini L, Ferrandino A, Rosenberg Belmaker L, Szekely A, Wilson M, Kocabas A, Calixto N, Grigorenko EL, Huttner A, Chawarska K, Weissman SM, Urban AE, Gerstein M, Vaccarino F. Somatic copy-number mosaicism in human skin revealed by induced pluripotent stem cells. *Nature*, 492, 2012, DOI:10.1038/nature11629. PMID:23160490, 438-442. ISI IF:41.456

Цумура се в:

**907.** Revilla, A., González, C., Iriondo, A., Fernández, B., Prieto, C., Marín, C., Liste, I. Current advances in the generation of human iPS cells: implications in cell-based regenerative medicine (2016) *Journal of Tissue Engineering and Regenerative Medicine*, 10 (11), pp. 893-907. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84924565721&doi = 10.1002%2fterm.2021&partnerID = 40&md5 = daf95c8d1fb99600a531d834065477ca](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924565721&doi=10.1002%2fterm.2021&partnerID=40&md5=daf95c8d1fb99600a531d834065477ca) DOI: 10.1002/term.2021, @2016

**908.** Siller, R., Naumovska, E., Mathapati, S., Lycke, M., Greenhough, S., Sullivan, G.J. Development of a rapid screen for the endodermal differentiation potential of human pluripotent stem cell lines (2016) *Scientific Reports*, 6, art. no. 37178, . [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84996538701&doi = 10.1038%2fsrep37178&partnerID = 40&md5 = c12c14adb8d2bd5b9c440f919511e4ed](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996538701&doi=10.1038%2fsrep37178&partnerID=40&md5=c12c14adb8d2bd5b9c440f919511e4ed) DOI: 10.1038/srep37178, @2016

**909.** Saini, N., Roberts, S.A., Klimczak, L.J., Chan, K., Grimm, S.A., Dai, S., Fargo, D.C., Boyer, J.C., Kaufmann, W.K., Taylor, J.A., Lee, E., Cortes-Ciriano, I., Park, P.J., Schurman, S.H., Malc, E.P., Mieczkowski, P.A., Gordenin, D.A. The Impact of Environmental and Endogenous Damage on Somatic Mutation Load in Human Skin Fibroblasts (2016) *PLoS Genetics*, 12 (10), art. no. e1006385, DOI: 10.1371/journal.pgen.1006385, @2016

**910.** Tapia, N., Schöler, H.R. Molecular Obstacles to Clinical Translation of iPSCs (2016) *Cell Stem Cell*, 19 (3), pp. 298-309. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84991085076&doi = 10.1016%2fj.stem.2016.06.017&partnerID = 40&md5 = 71fe8a5800b0d48a84b01e1f137f68c6](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991085076&doi=10.1016%2fj.stem.2016.06.017&partnerID=40&md5=71fe8a5800b0d48a84b01e1f137f68c6) DOI: 10.1016/j.stem.2016.06.017, @2016

**911.** Salomonis, N., Dexheimer, P.J., Omberg, L., Schroll, R., Bush, S., Huo, J., Schriml, L., Ho Sui, S., Keddache, M., Mayhew, C., Shanmukhappa, S.K., Wells, J., Daily, K., Hubler, S., Wang, Y., Zambidis, E., Margolin, A., Hide, W., Hatzopoulos, A.K., Malik, P., Cancelas, J.A., Aronow, B.J., Lutzko, C. Integrated Genomic Analysis of Diverse Induced Pluripotent Stem Cells from the Progenitor Cell Biology Consortium (2016) *Stem Cell Reports*, 7 (1), pp. 110-125. DOI: 10.1016/j.stemcr.2016.05.006, @2016

**912.** Peterson, S.E., Garitaonandia, I., Loring, J.F. The tumorigenic potential of pluripotent stem cells: What can we do to minimize it? (2016) *BioEssays*, 38, pp. S86-S95. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84978924816&doi = 10.1002%2fbies.201670915&partnerID = 40&md5 = fd403df82903d05998de1db576c8de9e](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978924816&doi=10.1002%2fbies.201670915&partnerID=40&md5=fd403df82903d05998de1db576c8de9e) DOI: 10.1002/bies.201670915, @2016

**913.** Rebuzzini, P., Zuccotti, M., Redi, C.A., Garagna, S. Achilles' heel of pluripotent stem cells:

- genetic, genomic and epigenetic variations during prolonged culture (2016) *Cellular and Molecular Life Sciences*, 73 (13), pp. 2453-2466. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960126352&doi=10.1007%2fs00018-016-2171-8&partnerID=40&md5=73830d510d25880d541ca0d4ead9ac7b> DOI: 10.1007/s00018-016-2171-8, @2016
- 914.** Mertens, J., Marchetto, M.C., Bardy, C., Gage, F.H. Evaluating cell reprogramming, differentiation and conversion technologies in neuroscience (2016) *Nature Reviews Neuroscience*, 17 (7), pp. 424-437. Cited 7 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969626637&doi=10.1038%2fnrn.2016.46&partnerID=40&md5=4e07ba76681459febe3b880d34d99fdf> DOI: 10.1038/nrn.2016.46, @2016
- 915.** Hannoun, Z., Steichen, C., Dianat, N., Weber, A., Dubart-Kupperschmitt, A. The potential of induced pluripotent stem cell derived hepatocytes (2016) *Journal of Hepatology*, 65 (1), pp. 182-199. . DOI: 10.1016/j.jhep.2016.02.025, @2016
- 916.** Breckwoldt, K., Weinberger, F., Eschenhagen, T. Heart regeneration (2016) *Biochimica et Biophysica Acta - Molecular Cell Research*, 1863 (7), pp. 1749-1759. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949057624&doi=10.1016%2fj.bbamcr.2015.11.010&partnerID=40&md5=aa6f3ac227e79fc5a5fff83f9672cb20> DOI: 10.1016/j.bbamcr.2015.11.010, @2016
- 917.** Jamuar, S.S., D'Gama, A.M., Walsh, C.A. Somatic Mosaicism and Neurological Diseases (2016) *Genomics, Circuits, and Pathways in Clinical Neuropsychiatry*, pp. 179-199. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987881641&doi=10.1016%2fB978-0-12-800105-9.00012-3&partnerID=40&md5=3aaad3cef2d6954f66c23c676f5039e7> DOI: 10.1016/B978-0-12-800105-9.00012-3, @2016
- 918.** Wen, W., Zhang, J.-P., Xu, J., Su, R.J., Neises, A., Ji, G.-Z., Yuan, W., Cheng, T., Zhang, X.-B. Enhanced generation of integration-free iPSCs from human adult peripheral blood mononuclear cells with an optimal combination of episomal vectors (2016) *Stem Cell Reports*, 6 (6), pp. 873-884. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964940684&doi=10.1016%2fj.stemcr.2016.04.005&partnerID=40&md5=1e454376b5d7f0df08a43ac4bb3ee248> DOI: 10.1016/j.stemcr.2016.04.005, @2016
- 919.** Ben-Reuven, L., Reiner, O. Modeling the autistic cell: iPSCs recapitulate developmental principles of syndromic and nonsyndromic ASD (2016) *Development Growth and Differentiation*, 58 (5), pp. 481-491. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964502493&doi=10.1111%2fdgd.12280&partnerID=40&md5=67dd6315a3c6f75741c05b8650054244> DOI: 10.1111/dgd.12280, @2016
- 920.** Pellegrino, M., Sciambi, A., Yates, J.L., Mast, J.D., Silver, C., Eastburn, D.J. RNA-Seq following PCR-based sorting reveals rare cell transcriptional signatures (2016) *BMC Genomics*, 17 (1), art. no. 361, . <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969286769&doi=10.1186%2fs12864-016-2694-2&partnerID=40&md5=951e3aaafddbc34ed6e1511200d108ac> DOI: 10.1186/s12864-016-2694-2, @2016
- 921.** Kang, E., Wang, X., Tippner-Hedges, R., Ma, H., Folmes, C.D.L., Gutierrez, N.M., Lee, Y., Van Dyken, C., Ahmed, R., Li, Y., Koski, A., Hayama, T., Luo, S., Harding, C.O., Amato, P., Jensen, J., Battaglia, D., Lee, D., Wu, D., Terzic, A., Wolf, D.P., Huang, T., Mitalipov, S. Age-related accumulation of somatic mitochondrial DNA mutations in adult-derived human ipscs (2016) *Cell Stem Cell*, 18 (5), pp. 625-636. DOI: 10.1016/j.stem.2016.02.005, @2016
- 922.** Schulze, M., Hoja, S., Winner, B., Winkler, J., Edenhofer, F., Riemenschneider, M.J. Model testing of PluriTest with next-generation sequencing data (2016) *Stem Cells and Development*, 25 (7), pp. 569-571. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962374906&doi=10.1089%2fscd.2015.0266&partnerID=40&md5=5166f0d0a1c5adee7a55ca3d54418199> DOI: 10.1089/scd.2015.0266, @2016

- 923.** Rouhani, F.J., Nik-Zainal, S., Wuster, A., Li, Y., Conte, N., Koike-Yusa, H., Kumasaka, N., Vallier, L., Yusa, K., Bradley, A. Mutational History of a Human Cell Lineage from Somatic to Induced Pluripotent Stem Cells (2016) PLoS Genetics, 12 (4), art. no. e1005932, 15 p. Cited 3 times. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84964803284&doi = 10.1371%2fjournal.pgen.1005932&partnerID = 40&md5 = fd6d0ab036aa61b55b6ed8c7d21af9d3> DOI: 10.1371/journal.pgen.1005932, @2016
- 924.** Li, Z., Liu, Y., Wei, Q., Liu, Y., Liu, W., Zhang, X., Yu, Y. Picoliter well array chip-based digital recombinase polymerase amplification for absolute quantification of nucleic acids (2016) PLoS ONE, 11 (4), art. no. e0153359, . <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84963829754&doi = 10.1371%2fjournal.pone.0153359&partnerID = 40&md5 = f23fc3ef033bba9924dbbb21a34e9bfb> DOI: 10.1371/journal.pone.0153359, @2016
- 925.** Valind, A., Haikal, C., Klasson, M.E.K., Johansson, M.C., Gullander, J., Soller, M., Baldetorp, B., Gisselsson, D. The fetal thymus has a unique genomic copy number profile resulting from physiological T cell receptor gene rearrangement (2016) Scientific Reports, 6, art. no. 23500, . <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84962315560&doi = 10.1038%2fsrep23500&partnerID = 40&md5 = 305a396320ebbb03a3b2adf68c347e49> DOI: 10.1038/srep23500, @2016
- 926.** Tang, X., Wang, S., Bai, Y., Wu, J., Fu, L., Li, M., Xu, Q., Xu, Z.Q.D., Alex Zhang, Y., Chen, Z. Conversion of adult human peripheral blood mononuclear cells into induced neural stem cell by using episomal vectors (2016) Stem Cell Research, 16 (2), pp. 236-242. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84955596370&doi = 10.1016%2fj.scr.2016.01.016&partnerID = 40&md5 = 92022e2c028171b4777d3dc211aca0ac> DOI: 10.1016/j.scr.2016.01.016, @2016
- 927.** Yadav, V.K., Degregori, J., De, S. The landscape of somatic mutations in protein coding genes in apparently benign human tissues carries signatures of relaxed purifying selection (2016) Nucleic Acids Research, 44 (5), pp. 2075-2084. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84963819060&doi = 10.1093%2fnar%2f2fgkw086&partnerID = 40&md5 = 28f59cf8ae0af96846146f78d7094463> DOI: 10.1093/nar/gkw086, @2016
- 928.** Klawitter, S., Fuchs, N.V., Upton, K.R., et.al. Reprogramming triggers endogenous L1 and Alu retrotransposition in human induced pluripotent stem cells (2016) Nature Communications, 7, art. no. 10286, DOI: 10.1038/ncomms10286, @2016
- 929.** Hedges, E.C., Mehler, V.J., Nishimura, A.L. The Use of Stem Cells to Model Amyotrophic Lateral Sclerosis and Frontotemporal Dementia: From Basic Research to Regenerative Medicine (2016) Stem Cells International, 2016, art. no. 9279516, . Cited 1 time. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84959080161&doi = 10.1155%2f2016%2f9279516&partnerID = 40&md5 = b4bbc0681a98cbb6adb4deaf4bc892e3> DOI: 10.1155/2016/9279516, @2016
- 385.** Naumova OY, **Palejev D**, Vlasova NV, Lee M, Rychkov SY, Babich ON, Vaccarino F, Grigorenko EL. Age-related changes of gene expression in the neocortex: Preliminary data on RNA-seq of the transcriptome in three functionally distinct cortical areas. Dev. Psychopathol, 24, 2012, DOI:doi:10.1017/S0954579412000818, 1427-1442. ISI IF:4.4

Цумура це в:

- 930.** Kelley, J.L., Arias-Rodriguez, L., Patacsil Martin, D., Yee, M.-C., Bustamante, C.D., Tobler, M. Mechanisms Underlying Adaptation to Life in Hydrogen Sulfide-Rich Environments (2016) Molecular Biology and Evolution, 33 (6), pp. 1419-1434. Cited 1 time. DOI: 10.1093/molbev/msw020, @2016

931. Mohan, A., Mather, K.A., Thalamuthu, A., Baune, B.T., Sachdev, P.S. Gene expression in the aging human brain: An overview (2016) *Current Opinion in Psychiatry*, 29 (2), pp. 159-167. Cited 2 times. DOI: 10.1097/YCO.0000000000000238, @2016
386. Mariani J, Simonini MV, **Palejev D**, Tomasini L, Coppola G, Szekely A, Horvath T, Vaccarino F. Modeling Human Cortical Development in vitro using induced Pluripotent Stem Cells. *Proc. Natl. Acad. Sci. U. S. A*, 109, 31, 2012, DOI:10.1073/pnas.1202944109, 12770-12775. ISI IF:9.809

Цумура се в:

932. Livesey, M.R., Magnani, D., Hardingham, G.E., Chandran, S., Wyllie, D.J.A. Functional properties of in vitro excitatory cortical neurons derived from human pluripotent stem cells (2016) *Journal of Physiology*, 594 (22), pp. 6573-6582. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84953207896&doi = 10.1113%2fJP270660&partnerID = 40&md5 = e46bf395650ed5aab86c9f0ece041331](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953207896&doi=10.1113%2fJP270660&partnerID=40&md5=e46bf395650ed5aab86c9f0ece041331) DOI: 10.1113/JP270660, @2016
933. Joshi, R., Buchanan, J.C., Paruchuri, S., Morris, N., Tavana, H. Molecular analysis of stromal cells-induced neural differentiation of mouse embryonic stem cells (2016) *PLoS ONE*, 11 (11), art. no. e0166316, . [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84994417349&doi = 10.1371%2fjournal.pone.0166316&partnerID = 40&md5 = e8284182e952a382297de7816c601586](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994417349&doi=10.1371%2fjournal.pone.0166316&partnerID=40&md5=e8284182e952a382297de7816c601586) DOI: 10.1371/journal.pone.0166316, @2016
934. Mason, J.O., Price, D.J. Building brains in a dish: Prospects for growing cerebral organoids from stem cells (2016) *Neuroscience*, 334, pp. 105-118. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84983056952&doi = 10.1016%2fj.neuroscience.2016.07.048&partnerID = 40&md5 = 5d87bc3490c3c4ed14e2f0e7b9e8a5ce](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983056952&doi=10.1016%2fj.neuroscience.2016.07.048&partnerID=40&md5=5d87bc3490c3c4ed14e2f0e7b9e8a5ce) DOI: 10.1016/j.neuroscience.2016.07.048, @2016
935. Barral, S., Kurian, M.A. Utility of induced pluripotent stem cells for the study and treatment of genetic diseases: Focus on childhood neurological disorders (2016) *Frontiers in Molecular Neuroscience*, 9 (SEP2016), art. no. 78, . [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84989912198&doi = 10.3389%2ffnmol.2016.00078&partnerID = 40&md5 = c3678f4dd02e00722817db5529e95635](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989912198&doi=10.3389%2ffnmol.2016.00078&partnerID=40&md5=c3678f4dd02e00722817db5529e95635) DOI: 10.3389/fnmol.2016.00078, @2016
936. Falk, A., Heine, V.M., Harwood, A.J., Sullivan, P.F., Peitz, M., Brüstle, O., Shen, S., Sun, Y.-M., Glover, J.C., Posthuma, D., Djurovic, S. Modeling psychiatric disorders: From genomic findings to cellular phenotypes (2016) *Molecular Psychiatry*, 21 (9), pp. 1167-1179. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84973129416&doi = 10.1038%2fmp.2016.89&partnerID = 40&md5 = 7d967a7c8a84b0c174e8be26cea9d2a0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973129416&doi=10.1038%2fmp.2016.89&partnerID=40&md5=7d967a7c8a84b0c174e8be26cea9d2a0) DOI: 10.1038/mp.2016.89, @2016
937. Geng, Y., Feng, B. A small molecule-based strategy for endothelial differentiation and three-dimensional morphogenesis from human embryonic stem cells (2016) *Heliyon*, 2 (7), art. no. e00133, . [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84981360279&doi = 10.1016%2fj.heliyon.2016.e00133&partnerID = 40&md5 = 6cf5c6339036b40fbe2fa412a1493215](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981360279&doi=10.1016%2fj.heliyon.2016.e00133&partnerID=40&md5=6cf5c6339036b40fbe2fa412a1493215) DOI: 10.1016/j.heliyon.2016.e00133, @2016
938. Zhu, X., Ai, Z., Hu, X., Li, T. Efficient generation of corticofugal projection neurons from human embryonic stem cells (2016) *Scientific Reports*, 6, art. no. 28572, . [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84976351343&doi = 10.1038%2fsrep28572&partnerID = 40&md5 = cb36d338931d8dba239114355bfc0f9f](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976351343&doi=10.1038%2fsrep28572&partnerID=40&md5=cb36d338931d8dba239114355bfc0f9f) DOI: 10.1038/srep28572, @2016
939. Zhu, Y., Silbereis, J.C., Pochareddy, S., Li, M., Sestan, N. The Molecular Landscape of the Developing Human Central Nervous System (2016) *Genomics, Circuits, and Pathways in Clinical Neuropsychiatry*, pp. 203-220. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84987851214&doi = 10.1016%2fB978-0-12-800105-9.00013-5&partnerID = 40&md5 =](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987851214&doi=10.1016%2fB978-0-12-800105-9.00013-5&partnerID=40&md5)

- 940.** Kelava, I., Lancaster, M.A. Stem Cell Models of Human Brain Development (2016) *Cell Stem Cell*, 18 (6), pp. 736-748. Cited 8 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971500254&doi=10.1016%2fj.stem.2016.05.022&partnerID=40&md5=f0b608a28dbc31bc0e13c37d76f4182e> DOI: 10.1016/j.stem.2016.05.022, @2016
- 941.** Watmuff, B., Berkovitch, S.S., Huang, J.H., Iaconelli, J., Toffel, S., Karmacharya, R. Disease signatures for schizophrenia and bipolar disorder using patient-derived induced pluripotent stem cells (2016) *Molecular and Cellular Neuroscience*, 73, pp. 96-103. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955514562&doi=10.1016%2fj.mcn.2016.01.003&partnerID=40&md5=16a86c4f7b79aa2846b1de05ad8eb0ce> DOI: 10.1016/j.mcn.2016.01.003, @2016
- 942.** Habela, C.W., Song, H., Ming, G.-L. Modeling synaptogenesis in schizophrenia and autism using human iPSC derived neurons (2016) *Molecular and Cellular Neuroscience*, 73, pp. 52-62. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952890155&doi=10.1016%2fj.mcn.2015.12.002&partnerID=40&md5=823840b7170bf18675e192247eb79b68> DOI: 10.1016/j.mcn.2015.12.002, @2016
- 943.** Lin, M., Lachman, H.M., Zheng, D. Transcriptomics analysis of iPSC-derived neurons and modeling of neuropsychiatric disorders (2016) *Molecular and Cellular Neuroscience*, 73, pp. 32-42. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949257504&doi=10.1016%2fj.mcn.2015.11.009&partnerID=40&md5=575b2100a6faf1db22ab95fdd8d0ba3c> DOI: 10.1016/j.mcn.2015.11.009, @2016
- 944.** Bhattacharyya, A., Zhao, X. Human pluripotent stem cell models of Fragile X syndrome (2016) *Molecular and Cellular Neuroscience*, 73, pp. 43-51. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957825132&doi=10.1016%2fj.mcn.2015.11.011&partnerID=40&md5=574454829405b3a1abb2611b08d4f3e5> DOI: 10.1016/j.mcn.2015.11.011, @2016
- 945.** Ho, S.-M., Hartley, B.J., TCW, J., Beaumont, M., Stafford, K., Slesinger, P.A., Brennand, K.J. Rapid Ngn2-induction of excitatory neurons from hiPSC-derived neural progenitor cells (2016) *Methods*, 101, pp. 113-124. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964790917&doi=10.1016%2fj.ymeth.2015.11.019&partnerID=40&md5=5bd8b813d663bd603f8379bd96d9104e> DOI: 10.1016/j.ymeth.2015.11.019, @2016
- 946.** Zheng, F., Fu, F., Cheng, Y., Wang, C., Zhao, Y., Gu, Z. Organ-on-a-Chip Systems: Microengineering to Biomimic Living Systems (2016) *Small*, 12 (17), pp. 2253-2282. Cited 4 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959184483&doi=10.1002%2fsmll.201503208&partnerID=40&md5=639f7707ad1e61f8aaa33336683f5756> DOI: 10.1002/smll.201503208, @2016
- 947.** Knowlton, S., Cho, Y., Li, X.-J., Khademhosseini, A., Tasoglu, S. Utilizing stem cells for three-dimensional neural tissue engineering (2016) *Biomaterials Science*, 4 (5), pp. 768-784. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966507724&doi=10.1039%2fc5bm00324e&partnerID=40&md5=06e4d3a24ae44b70fdf4370de679519f> DOI: 10.1039/c5bm00324e, @2016
- 948.** Nestor, M.W., Phillips, A.W., Artimovich, E., Nestor, J.E., Hussman, J.P., Blatt, G.J. Human Inducible Pluripotent Stem Cells and Autism Spectrum Disorder: Emerging Technologies (2016) *Autism Research*, 9 (5), pp. 513-535. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945952127&doi=10.1002%2faur.1570&partnerID=40&md5=d886254e3acc13cd0e3204c4ea9f70a7> DOI: 10.1002/aur.1570, @2016
- 949.** Otani, T., Marchetto, M.C., Gage, F.H., Simons, B.D., Livesey, F.J. 2D and 3D Stem Cell Models

- of Primate Cortical Development Identify Species-Specific Differences in Progenitor Behavior Contributing to Brain Size (2016) *Cell Stem Cell*, 18 (4), pp. 467-480. Cited 8 times. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84962090418&doi = 10.1016%2fj.stem.2016.03.003&partnerID = 40&md5 = 2f4128a46445b62c33468ca21437d29c](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962090418&doi=10.1016%2fj.stem.2016.03.003&partnerID=40&md5=2f4128a46445b62c33468ca21437d29c) DOI: 10.1016/j.stem.2016.03.003, @2016
- 950.** Xu, J.-C., Fan, J., Wang, X., Eacker, S.M., Kam, T.-I., Chen, L., Yin, X., Zhu, J., Chi, Z., Jiang, H., Chen, R., Dawson, T.M., Dawson, V.L. Cultured networks of excitatory projection neurons and inhibitory interneurons for studying human cortical neurotoxicity (2016) *Science Translational Medicine*, 8 (333), art. no. ra48, . Cited 1 time. DOI: 10.1126/scitranslmed.aad0623, @2016
- 951.** De La Torre-Ubieta, L., Won, H., Stein, J.L., Geschwind, D.H. Advancing the understanding of autism disease mechanisms through genetics (2016) *Nature Medicine*, 22 (4), pp. 345-361. Cited 12 times. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84962890386&doi = 10.1038%2fnm.4071&partnerID = 40&md5 = 5f1d1f4b12492b35058e013b6fefb174](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962890386&doi=10.1038%2fnm.4071&partnerID=40&md5=5f1d1f4b12492b35058e013b6fefb174) DOI: 10.1038/nm.4071, @2016
- 952.** Vargas-Caballero, M., Willaime-Morawek, S., Gomez-Nicola, D., Perry, V.H., Bulters, D., Mudher, A. The use of human neurons for novel drug discovery in dementia research (2016) *Expert Opinion on Drug Discovery*, 11 (4), pp. 355-367. DOI: 10.1517/17460441.2016.1154528, @2016
- 953.** Handel, A.E., Chintawar, S., Lalic, T., Whiteley, E., Vowles, J., Giustacchini, A., Argoud, K., Sopp, P., Nakanishi, M., Bowden, R., Cowley, S., Newey, S., Akerman, C., Ponting, C.P., Cader, M.Z. Assessing similarity to primary tissue and cortical layer identity in induced pluripotent stem cell-derived cortical neurons through single-cell transcriptomics (2016) *Human Molecular Genetics*, 25 (5), pp. 989-1000. Cited 4 times. DOI: 10.1093/hmg/ddv637, @2016
- 954.** Panchision, D.M. Concise review: Progress and challenges in using human stem cells for biological and therapeutics discovery: Neuropsychiatric disorders (2016) *Stem Cells*, 34 (3), pp. 523-536. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84958206316&doi = 10.1002%2fstem.2295&partnerID = 40&md5 = 120f4352e6df5e3a2c9f4a6f83f99d80](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958206316&doi=10.1002%2fstem.2295&partnerID=40&md5=120f4352e6df5e3a2c9f4a6f83f99d80) DOI: 10.1002/stem.2295, @2016
- 955.** Avior, Y., Sagi, I., Benvenisty, N. Pluripotent stem cells in disease modelling and drug discovery (2016) *Nature Reviews Molecular Cell Biology*, 17 (3), pp. 170-182. Cited 10 times. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84959536508&doi = 10.1038%2fnrm.2015.27&partnerID = 40&md5 = 02bd81ced162c68afca80c22b67f8b0f](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959536508&doi=10.1038%2fnrm.2015.27&partnerID=40&md5=02bd81ced162c68afca80c22b67f8b0f) DOI: 10.1038/nrm.2015.27, @2016
- 956.** Fatehullah, A., Tan, S.H., Barker, N. Organoids as an in vitro model of human development and disease (2016) *Nature Cell Biology*, 18 (3), pp. 246-254. Cited 17 times. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84959357347&doi = 10.1038%2fncb3312&partnerID = 40&md5 = 300715cdf037faba7e0caeba19b00a05](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959357347&doi=10.1038%2fncb3312&partnerID=40&md5=300715cdf037faba7e0caeba19b00a05) DOI: 10.1038/ncb3312, @2016
- 957.** Zhu, X., Li, B., Ai, Z., Xiang, Z., Zhang, K., Qiu, X., Chen, Y., Li, Y., Rizak, J.D., Niu, Y., Hu, X., Sun, Y.E., Ji, W., Li, T. A Robust Single Primate Neuroepithelial Cell Clonal Expansion System for Neural Tube Development and Disease Studies (2016) *Stem Cell Reports*, 6 (2), pp. 228-242. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84957839294&doi = 10.1016%2fj.stemcr.2015.10.007&partnerID = 40&md5 = 59aab516c8ac7cba6586d0803e89f059](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957839294&doi=10.1016%2fj.stemcr.2015.10.007&partnerID=40&md5=59aab516c8ac7cba6586d0803e89f059) DOI: 10.1016/j.stemcr.2015.10.007, @2016
- 958.** Yin, X., Mead, B.E., Safaee, H., Langer, R., Karp, J.M., Levy, O. Engineering Stem Cell Organoids (2016) *Cell Stem Cell*, 18 (1), pp. 25-38. Cited 12 times. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84954305673&doi = 10.1016%2fj.stem.2015.12.005&partnerID = 40&md5 = a2792fd6552515544d10fd6332778b2f](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954305673&doi=10.1016%2fj.stem.2015.12.005&partnerID=40&md5=a2792fd6552515544d10fd6332778b2f)

- 959.** Simaõ, D., Arez, F., Terasso, A.P., Pinto, C., Sousa, M.F.Q., Brito, C., Alves, P.M. Perfusion stirred-tank bioreactors for 3D differentiation of human neural stem cells (2016) *Methods in Molecular Biology*, 1502, pp. 129-142. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84990198430&doi = 10.1007%2f7651\\_2016\\_333&partnerID = 40&md5 = 54fa1224dbf49ed5d5130df4d4607e2a](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990198430&doi=10.1007%2f7651_2016_333&partnerID=40&md5=54fa1224dbf49ed5d5130df4d4607e2a) DOI: 10.1007/7651\_2016\_333, @2016
- 960.** Lindborg, B.A., Brekke, J.H., Vegoe, A.L., Ulrich, C.B., Haider, K.T., Subramaniam, S., Venhuizen, S.L., Eide, C.R., Orchard, P.J., Chen, W., Wang, Q., Pelaez, F., Scott, C.M., Kokkoli, E., Keirstead, S.A., Dutton, J.R., Tolar, J., O'Brien, T.D. Rapid induction of cerebral organoids from human induced pluripotent stem cells using a chemically defined hydrogel and defined cell culture medium (2016) *Stem Cells Translational Medicine*, 5 (7), pp. 970-979. Cited 1 time. DOI: 10.5966/sctm.2015-0305, @2016
- 961.** Ai, Z., Xiang, Z., Li, Y., Liu, G., Wang, H., Zheng, Y., Qiu, X., Zhao, S., Zhu, X., Li, Y., Ji, W., Li, T. Conversion of monkey fibroblasts to transplantable telencephalic neuroepithelial stem cells (2016) *Biomaterials*, 77, pp. 53-65. Cited 2 times. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84949292631&doi = 10.1016%2fj.biomaterials.2015.10.079&partnerID = 40&md5 = 50960f1db3caa60c832310f9e434c472](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949292631&doi=10.1016%2fj.biomaterials.2015.10.079&partnerID=40&md5=50960f1db3caa60c832310f9e434c472) DOI: 10.1016/j.biomaterials.2015.10.079, @2016
- 962.** Radonjić, N.V., Memi, F., Ortega, J.A., Glidden, N., Zhan, H., Zecevic, N. The Role of Sonic Hedgehog in the Specification of Human Cortical Progenitors in Vitro (2016) *Cerebral Cortex*, 26 (1), pp. 131-143. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84959864318&doi = 10.1093%2fcercor%2fbhu183&partnerID = 40&md5 = e26ed110e684d36e7afa135530f2fe04](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959864318&doi=10.1093%2fcercor%2fbhu183&partnerID=40&md5=e26ed110e684d36e7afa135530f2fe04) DOI: 10.1093/cercor/bhu183, @2016
- 963.** Kálmán, S., Hathy, E., Réthelyi, J.M. A dishful of a troubled mind: Induced pluripotent stem cells in psychiatric research (2016) *Stem Cells International*, 2016, art. no. 7909176, . [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84956894049&doi = 10.1155%2f2016%2f7909176&partnerID = 40&md5 = 772bbe0aa0d3cc8a3891af12a0ceb37d](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956894049&doi=10.1155%2f2016%2f7909176&partnerID=40&md5=772bbe0aa0d3cc8a3891af12a0ceb37d) DOI: 10.1155/2016/7909176, @2016
- 964.** Motono, M., Ioroi, Y., Ogura, T., Takahashi, J. WNT-C59, a small-molecule WNT inhibitor, efficiently induces anterior cortex that includes cortical motor neurons from human pluripotent stem cells (2016) *Stem Cells Translational Medicine*, 5 (4), pp. 552-560. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84961266839&doi = 10.5966%2fsctm.2015-0261&partnerID = 40&md5 = 121c45e0d67474804c69225952059593](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961266839&doi=10.5966%2fsctm.2015-0261&partnerID=40&md5=121c45e0d67474804c69225952059593) DOI: 10.5966/sctm.2015-0261, @2016
- 387.** Christov O., S. Hakkaev, **I.D. Iliev.** Non-uniform continuity of periodic Holm-Staley b-family of equations. *Nonlin. Anal. T.M.A.*, 75, 13, Elsevier, 2012, ISSN:0362-546X, DOI:10.1016/j.na.2012.03.031, 4821-4838. ISI IF:1.64

Цумура се в:

- 965.** Fernando Cortez, Blow-up for the b-family of equations, Preprint arXiv:1407.4084v3 [math.AP], 26 May 2016, 18 pp, @2016
- 966.** Guo Li-na, Chen Ai-yong, Huang Wen-tao, Wave lengths of periodic waves for the Vakhnenko equation, *Applied Math. Mech.* 37 (2016), no. 7, 678--690 [Chinese], @2016
- 388.** **Dimitrova L., Koseska -Toszewa V..** Bulgarian-Polish Parallel Digital Corpus and Quantification of Time. In: *International Journal Cognitive Studies/Études Cognitives*. Vol. 12, 12, 2012, ISSN:2080-7147

Цумура се в:

- 967.** Sosnowski, Wojciech (2016). "THE PARALLEL POLISH-BULGARIAN-RUSSIAN CORPUS:

PROBLEMS AND SOLUTIONS." In: COMPUTERISED AND CORPUS-BASED APPROACHES TO PHRASEOLOGY: MONOLINGUAL AND MULTILINGUAL PERSPECTIVES: 339-349. Editions Tradulex, Geneva © LEXYTRAD, Research Group in Lexicography and Translation, ISBN: 978-2-9700736-5-9, @2016

389. **Markov, S.**, Alt, R.. Theoretical and Computational Studies of Some Bioreactor Models. Computers & Mathematics with Applications, 64, 3, Elsevier, 2012, ISSN:0898-1221, 350-360. SJR:1.121, ISI IF:1.697

Цитира се в:

968. Ortega, F. A., Pérez, O. A., López, E. A., Phenomenological-based semiphysical model of continuous alcoholic fermentation process, Informacion Tecnologica, 27 (1) pp. 21 – 32 2016, @2016
969. Siripatana, C., Jijai, S. , Kongjan, P., Analysis and extension of Gompertz-type and Monod-type equations for estimation of design parameters from batch anaerobic digestion experiments, AIP Conference Proceedings, Vol. 1775, 24 October 2016, Art. Nr. 030079 (ICOMEIA 2016), @2016

390. Kuznetsov, A., Pardo, J.C., **Savov, M.** Distributional properties of exponential functionals of Lévy processes. Electronic Journal of Probability, 17, 8, 2012, 1-35. ISI IF:0.785

Цитира се в:

970. Behme, A., Lindner, A and Maejima, M (2016) On the range of exponential functionals of Lévy processes, Lecture Notes in Mathematics, 2168, 267--303, DOI: 10.1007/978-3-319-44465-9-10, IF: 0.45, @2016
971. Calderón, S. P. (2016) Generalisations of Continuous State Branching Processes, @2016

391. Zimmer M., W. Krämer, **E. D. Popova**. Solvers for the verified solution of parametric linear systems. Computing, 94, Springer, 2012, ISSN:1436-5057 (online) 0010-485X (print), DOI:10.1007/s00607-011-0170-z, 109-123. ISI IF:0.807

Цитира се в:

972. Hladík, M., An extension of the  $\alpha$ -type underestimation to linear parametric Hessian matrices, Journal of Global Optimization (2016) 64(2):217–231., @2016

392. Pardo, J.C., Patie, P., **Savov, M.** A Wiener-Hopf type of factorization for the exponential functional of Lévy processes. Journal of London Mathematical Society, 96, 2, 2012, 930-956. ISI IF:0.8

Цитира се в:

973. Chaibbi, R. "A note on a Poissonian functional and a q-deformed Dufresne identity.", "Electron. Commun. Probab.", 21 No.35, 1–13, DOI:10.1214/16-ECP4055., IF: 0.62, @2016

393. Patie, P., **Savov, M.** Extended factorizations of exponential functionals of Lévy processes. Electronic Journal of Probability, 17, 38, 2012, 1-22. ISI IF:0.785

Цитира се в:

974. Chaibbi, R. "A note on a Poissonian functional and a q-deformed Dufresne identity.", "Electron. Commun. Probab.", 21 No.35, 1–13, DOI:10.1214/16-ECP4055., IF: 0.62, @2016

394. **Draganov B.** Estimating the rate of best trigonometric approximation in homogeneous Banach spaces by moduli of smoothness. Proc. intern. conf. "Constructive Theory of Functions", Sozopol 2010, 2012, ISBN:978-954-322-490-6, 80-92



Цумура се в:

**975.** Ostrovsky, E., and L. Sirota, Trigonometric approximation in Sobolev-Grand Lebesgue Spaces, arXiv preprint arXiv:1608.03312 (2016), @2016

**395. Dutsova R.** On-line dictionary - Tool for Preservation of Language Heritage. In the Proceedings of the Second International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, 2012, ISSN:1314-4006, 142-151

Цумура се в:

**976.** Stefka Kovacheva (2016). Presentation of UNESCO Bulgarian Cultural Heritage Sites as Knowledge System in a Learning Environment. In Proceedings of the International Conference "Digital Presentation and Preservation of Cultural and Scientific Heritage", Vol. 6, 179-188. ISSN 1314-4006, @2016

**396. Ganchev, G., Milousheva, V.** An invariant theory of marginally trapped surfaces in the four-dimensional Minkowski space. J. Math. Phys., 53, 2012, ISSN:0022-2488, DOI:http://dx.doi.org/10.1063/1.3693976, 033705-033720. ISI IF:1.296

Цумура се в:

**977.** N. Turgay, Lorenzian Submanifolds in Semi-Euclidean Spaces with Pointwise 1-type Gauss map, In: Geometry, Integrability and Quantization, I. Mladenov, G. Meng and A. Yoshioka (Eds), Avangard Prima, 2016, 344-359, doi: 10.7546/giq-17-2016-344-359., @2016

**978.** E. Hulett, Conformal geometry of marginally trapped surfaces in  $S^4_1$ , Beitr. Algebra Geom. (2016). doi:10.1007/s13366-016-0314-6, @2016

**397. Ganchev, G., Milousheva, V.** An invariant theory of surfaces in the four-dimensional Euclidean or Minkowski space. Pliska Studia Mathematica Bulgarica, 21, 2012, ISSN:0204-9805, 101-124

Цумура се в:

**979.** E. Solouma, Some characterizations of timelike canal surfaces according to Bishop frame in Minkowski 4-space, International Mathematical Forum, 11 (18), 2016, 875-884., @2016

**398.** Filaseta, M., Kidd, T., **Trifonov, O.** Laguerre polynomials with Galois group  $A_m$  for each  $m$ . Journal of Number Theory, 132, 4, Elsevier, 2012, ISSN:0022-314X, DOI:http://dx.doi.org/10.1016/j.jnt.2011.09.012, 776-805. ISI IF:0.596

Цумура се в:

**980.** Shanta Laisram, Saranya G. Nair, T.N. Shorey, Irreducibility of generalized Laguerre Polynomials  $L_n^{(1/2+u)}(x)$  with integer  $u$ , Journal of Number Theory, 160, March 2016, Pages 76--107, @2016

**981.** Shanta Laisram, T.N. Shorey, Irreducibility of generalized Hermite-Laguerre polynomials III, Journal of Number Theory, 164, July 2016, Pages 303--322, @2016

**399. Georgieva I., C. Hofreither, R. Uluchev.** Interpolation of mixed type data by bivariate polynomials. Constructive Theory of Functions, 2012, ISBN:978-954-322-490-6

Цумура се в:

**982.** SOME RESULTS ACCORDING THE INTERLACING THE ZEROS OF A FUNCTION, LUCA (RÎTEA), Ana-Maria; TRIPȘA, Florența Violeta, Scientific Research & Education in the Air Force - AFASES, 2016, , Vol. 1, p463-469. DOI: 10.19062/2247-3173.2016.18.1.64, @2016

400. **Guelev D. P.**, Catalin Dima. Epistemic ATL with perfect recall, past and strategy contexts. Computational Logic in Multi-Agent Systems - 13th International Workshop, CLIMA XIII, Montpellier, France, August 27-28, 2012. Proceedings, LNAI 7486, Springer, 2012, ISBN:978-3-642-32896-1, DOI:10.1007/978-3-642-32897-8\_7, 77-93

Цитирана се в:

983. Thomas Ågotnes and Natasha Alechina. "Coalition Logic with Individual, Distributed and Common Knowledge." Journal of Logic and Computation. 2016. doi: 10.1093/logcom/exv085, @2016

401. Ignatova B., **N. Kyurkchiev, A. Iliev**. Multipoint Algorithms Arising from Optimal in the Sense of Kung-Traub Iterative Procedures for Numerical Solution of Nonlinear Equations. General Mathematics Notes, 6, 2, 2012, ISSN:2219 -7184, 45-79

Цитирана се в:

984. M. J. P. Nijmeijer, A parallel root-finding algorithm, LMS J. Comput. Math. 18 (1) (2015) 713–729; IF = 0.44; doi:10.1112/S1461157015000236, <https://www.cambridge.org/core/journals/lms-journal-of-computation-and-mathematics/article/a-parallel-root-finding-algorithm/1CE0E551BC6CCC94B3A72FB0B2E59CB7>, @2016

402. **Ivanov K.G., P. Petrushev**, Yuan Xu. Decomposition of spaces of distributions induced by tensor product bases. Journal of Functional Analysis, 263, 5, Elsevier, 2012, ISSN:0022-1236, DOI:10.1016/j.jfa.2012.06.006, 1147-1197. ISI IF:1.196

Цитирана се в:

985. Liguang Liu, Dachun Yang, Wen Yuan, Besov-type and Triebel–Lizorkin-type spaces associated with heat kernels, Collectanea Mathematica, 67 (2), 2016, pp. 247-310. DOI: 10.1007/s13348-015-0142-2. Print ISSN: 0010-0757, Online ISSN: 2038-4815, IF(2014): 0.843, @2016
986. Ahmed, Batoul Ali Al balulah Mahmoud, Polynomials on Banach Lattices and UMD Constants with Decomposition of Spaces on Tensor Product, PhD thesis, Sudan University of Science and Technology, 2016, <http://repository.sustech.edu/handle/123456789/14722>, @2016

403. **Rashkov, P**, Schmitt, BA, Sogaard-Andersen, L, Lenz, P, Dahlke, S. A model of oscillatory protein dynamics in bacteria. Bull. Math. Biol., 74, 9, Springer Verlag, 2012, ISSN:0092-8240, DOI:10.1007/s11538-012-9752-y, 2183-2203. SJR:0.774, ISI IF:1.326

Цитирана се в:

987. Großmann, R., Peruani, F., Bär, M. Diffusion properties of active particles with directional reversal New Journal of Physics, Volume 18, Issue 4, 1 April 2016, Article number 043009, @2016

---

2013

---

404. **Nikolov N, P. Pflug, P. J. Thomas**. On different extremal bases for C-convex domains. Proc. Amer. Math. Soc., 141, 2013, 3223-3330. ISI IF:0.627

Цитирана се в:

988. M. Jasiczak, Extension and restriction for Bergman scale of spaces and one-dimensional subvarieties on convex finite type domains, Nagoya Math. J. 221 (2016), 165-183., @2016

**989.** A. M. Zimmer, Gromov hyperbolicity and the Kobayashi metric on convex domains of finite type, Math. Ann. 365 (2016), 1425-1498., @2016

**405. Baicheva T., S. Topalova.** Optimal  $(v,5,2,1)$  optical orthogonal codes of small  $v$ . In: Applicable Algebra in Engineering, 2013, ISSN:0938-1279, 165-177. SJR:0.59, ISI IF:0.561

Цитирана се в:

**990.** Y. Zhang, M. Peng, S. Yang, A Clique-Based Online Algorithm for Constructing Optical Orthogonal Codes, Applied Soft Computing, vol. 47, pp. 21-32, October 2016., @2016

**406. Bazhlekova, E., Dimovski, I.** Exact solution for the fractional cable equation with nonlocal boundary conditions. Central European Journal of Physics, 10, 2013, ISSN:1895-1082, 1304-1313. ISI IF:0.905

Цитирана се в:

**991.** Paneva-Konovska, J. Series in 3-parameter Mittag-Leffler functions – various convergence theorems. Proceedings of ICFDA'16, Novi Sad, Serbia, Serbian Society of Mechanics and Faculty of Technical Sciences Novi Sad, 2016, ISBN:ISBN 978-86-7892-830, 786-789, @2016

**992.** Jordanka Paneva-Konovska, From Bessel to Multi-Index Mittag-Leffler Functions, World Scientific, 2016, ISBN: 978-1-78634-088-7, @2016

**993.** Irandoust-Pakchin, S., Mohammad Javidi, and H. Kheiri. "Analytical solutions for the fractional nonlinear cable equation using a modified homotopy perturbation and separation of variables methods." Computational Mathematics and Mathematical Physics 56.1 (2016): 116-131., @2016

**407.** Bell J.P., **Drensky V.**, Sharifi Y.. Shirshov's theorem and division rings that are left algebraic over a subfield. J. Pure Appl. Algebra, 217, 2013, ISSN:0022-4049, 1605-1610. ISI IF:0.534

Цитирана се в:

**994.** N.K. Ngoc, M.H. Bien, B.X. Hai, Free subgroups in almost subnormal subgroups of general skew linear groups, arXiv: 1602.03639v1 [math.CO]., @2016

**408. Bogdanova G., T. Todorov, N. Noev.** Digitization and 3D Scanning of Historical Artifacts. In: Proceedings of the UNESCO International Conference on Digital Preservation and Presentation of Cultural and Scientific Heritage (DiPP13), 2013, ISSN:1314-4006, 133-138

Цитирана се в:

**995.** G. Senka, S. Plota, M. Monova-Zheleva, Y. Zhelev, D. Luchev, D. Paneva-Marinova: Technology-enhanced Teaching of Exact Science through Art. In online science series - Cultural and Historical Heritage: Preservation, presentation, digitalization (KIN 2016), Volume 2, ISSN 2367-8038, pp. 75-79, 2016, @2016

**409. Bouyukliev I., T. Georgieva.** Development of a personal bibliographic information system. In: The Electronic Library, 31, 2013, ISSN:0264-0473, 144-156

Цитирана се в:

**996.** Ma, Kun, et al. "Intelligent Web Data Management of Literature Sharing." Intelligent Web Data Management: Software Architectures and Emerging Technologies. Springer International Publishing, 2016. 147-162., @2016

**997.** Ma, Kun, et al. Intelligent Web Data Management: Software Architectures and Emerging Technologies. Vol. 643. Springer, 2016., @2016

- 410. Bouyuklieva S., I. Bouyukliev, M. Harada.** Some extremal self-dual codes and unimodular lattices in dimension 40. In: Finite Fields and Their Applications, 21, 2013, ISSN:1071-5797, 67-83. SJR:0.096, ISI IF:1.292

Цитирана се в:

- 998.** Kim, Jon-Lark, and Nari Lee. "A projection decoding of a binary extremal self-dual code of length 40." Designs, Codes and Cryptography (2016): 1-21., @2016

- 411. Dontchev A. L., M. I. Krastanov, R. T. Rockafellar, V. M. Veliov.** An Euler-Newton continuation method for tracking solution trajectories of parametric variational inequalities. In: SIAM J. Control Optim, 51, 3, 2013, 1823-1840

Цитирана се в:

- 999.** Simonetto, A., Mokhtari, A., Koppel, A., Leus, G., Ribeiro, A., A Class of Prediction-Correction Methods for Time-Varying Convex Optimization, IEEE Transactions on Signal Processing 64 (17), 7469393, pp. 4576-4591, 2016, @2016

- 1000.** Simonetto, A., Koppel, A., Mokhtari, A., Leus, G., Ribeiro, A., Prediction-correction methods for time-varying convex optimization, Conference Record - Asilomar Conference on Signals, Systems and Computers, 2016-February, 7421215, pp. 666-670, @2016

- 1001.** Koppel, A., Simonetto, A., Mokhtari, A., Leus, G., Ribeiro, A., Target tracking with dynamic convex optimization, 2015 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2015, 7418390, pp. 1210-1214, 2016, @2016

- 1002.** Simonetto, A., Mokhtari, A., Koppel, A., Leus, G., Ribeiro, A. A decentralized prediction-correction method for networked time-varying convex optimization, 2015 IEEE 6th International Workshop on Computational Advances in Multi-Sensor Adaptive Processing, CAMSAP 2015, 7383848, pp. 509-512, 2016, @2016

- 1003.** Simonetto, A., Mokhtari, A., Koppel, A., Leus, G., Ribeiro, A., A decentralized prediction-correction method for networked time-varying convex optimization, 2015 IEEE 6th International Workshop on Computational Advances in Multi-Sensor Adaptive Processing, CAMSAP 2015, 7383848, pp. 509-512, 2016, @2016

- 1004.** Simonetto, A., Leus, G., On non-differentiable time-varying optimization, 2015 IEEE 6th International Workshop on Computational Advances in Multi-Sensor Adaptive Processing, CAMSAP 2015, 7383847, pp. 505-508, 2016, @2016

- 412. Ganchev, G., Milousheva, V.** Timelike surfaces with zero mean curvature in Minkowski 4-space. Israel Journal of Mathematics, 196, 1, 2013, ISSN:0021-2172, DOI:10.1007/s11856-012-0169-y, 413-433. ISI IF:0.659

Цитирана се в:

- 1005.** G. Ganchev, K. Kanchev, Explicit Solving of the System of Natural PDE's of Minimal Space-like Surfaces in Minkowski Space-time, arXiv:1612.06678, @2016

- 1006.** B. Bektas, E. Canfes, U. Dursun, On rotational surfaces with zero mean curvature in the pseudo-Euclidean space  $E^4_2$ , arXiv:1607.07577v1, @2016

- 413. Paneva-Konovska J.** On the multi-index (3m-parametric) Mittag-Leffler functions, fractional calculus relations and series convergence. Central European Journal of Physics (CEJP), 11, 10, Versita, 2013, ISSN:1895-1082, DOI:10.2478/s11534-013-0263-8, 1164-1177. ISI IF:1.077

Цитирана се в:

1007. T. Sandev, I. Petreska, and E. K. Lenzi, Effective potential from the generalized time-dependent Schrödinger equation, *Mathematics*, 2016, 4, 59, 1-9; doi:10.3390/math4040059, @2016
1008. J Choi, P Agarwal, A note on fractional integral operator associated with multiindex Mittag-Leffler functions, *Filomat*, 2016, 30, No 7, 1931–1939, DOI:10.2298/FIL1607931C, @2016
414. Ikehata R., G. Todorova, **B. Yordanov**. Optimal decay rate of the energy for wave equations with critical potential. In: *J. Math. Soc. Japan*, 2013, ISSN:1881-1167, 183-236

Цумура се в:

1009. Ikeda, Masahiro, Takahisa Inui, and Yuta Wakasugi. "The Cauchy problem for the nonlinear damped wave equation with slowly decaying data." arXiv preprint arXiv:1605.04616 (2016)., @2016
1010. D'Abbicco, Marcello, Ruy Coimbra Charao, and Cleverston Roberto da Luz. "Sharp time decay rates on a hyperbolic plate model under effects of an intermediate damping with a time-dependent coefficient." *DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS* 36.5 (2016): 2419-2447., @2016
1011. Malloug, Mohamed, and Julien Royer. "Energy Decay in a Wave Guide with Dissipation at Infinity." arXiv preprint arXiv:1606.02549 (2016)., @2016
1012. Royer, Julien. "Local energy decay and diffusive phenomenon in a dissipative wave guide." arXiv preprint arXiv:1601.05299 (2016)., @2016
1013. Sobajima, Motohiro, and Yuta Wakasugi. "Diffusion phenomena for the wave equation with space-dependent damping in an exterior domain." arXiv preprint arXiv:1602.04318 (2016)., @2016
415. Ikehata R., G. Todorova, **B. Yordanov**. Wave equations with strong damping in Hilbert spaces. In: *Journal of Differential Equations*, 2013, ISSN:0022-0396, 3352-3368

Цумура се в:

1014. Ghisi, Marina, Massimo Gobbino, and Alain Haraux. "Local and global smoothing effects for some linear hyperbolic equations with a strong dissipation." *Transactions of the American Mathematical Society* 368.3 (2016): 2039-2079., @2016
1015. Kawakami, Tatsuki, and Hiroshi Takeda. "Higher order asymptotic expansions to the solutions for a nonlinear damped wave equation." arXiv preprint arXiv:1604.04100 (2016)., @2016
1016. D'Abbicco, M., M. R. Ebert, and T. Picon. "Long time decay estimates in real Hardy spaces for evolution equations with structural dissipation." *Journal of Pseudo-Differential Operators and Applications* (2016): 1-33., @2016
1017. Ghisi, Marina, and Massimo Gobbino. "Linear wave equations with time-dependent propagation speed and strong damping." *Journal of Differential Equations* 260.2 (2016): 1585-1621., @2016
1018. Zennir, Khaled, and Mohamed Karek. "ENERGY DECAY OF SOLUTION TO PLATE EQUATION WITH MEMORY IN  $R^n$ ." *Facta Universitatis, Series: Mathematics and Informatics* 31.2 (2016): 559-568., @2016
416. **Harizanov, S.**, Pesquet, J.-C., Steidl, G.. Epigraphical projection for solving least squares Anscombe transformed constrained optimization problems. *Lecture Notes in Computer Science*, 7893, Springer-Verlag, 2013, ISBN:978-364238266-6, ISSN:0302-9743, DOI:10.1007/978-3-642-38267-3\_11, 125-136. SJR:0.316

Цумура се в:

- 1019.** Wang, PW., Wytock, M. and Kolter, JZ., 2016. Epigraph projections for fast general convex programming. Proceedings of The 33rd International Conference on Machine Learning (ICML), JMLR 48, 2868-2877. ISSN: 1938-7228, @2016
- 1020.** Boř, R. and Hendrich C., 2016. Solving monotone inclusions involving parallel sums of linearly composed maximally monotone operators. Inverse Problems and Imaging, 10(3), 617-640. ISI IF:0.951 ISSN: 1930-8337 DOI: 10.3934/ipi.2016014, @2016
- 417.** Jansen W., R. Barbera, M. Drescher, A. Fresa, M. Hemmje, Y. Ioannidis, N. Meyer, N. Poole, **P. Stanchev**. The Future in e-Infrastructures for Digital Libraries. In: Research and Advanced Technology for Digital Libraries, 2013, ISBN:978-3-540-23013-7, 480-481

Цумура се в:

- 1021.** De Mauro, A., Greco, M. and Grimaldi, M., 2016. A formal definition of Big Data based on its essential features. Library Review, 65(3), pp.122-135., @2016
- 418.** **Kiryakova V.**, Yu. Luchko. The Mellin integral transform in fractional calculus. Fractional Calculus and Applied Analysis, 16, 2, Springer and De Gruyter Open, 2013, ISSN:1311-0454, 1314-2224, DOI:10.2478/s13540-013-0025-8, 405-430. SJR:2.106, ISI IF:2.974

Цумура се в:

- 1022.** Ding, H., Li, C., High-order algorithms for Riesz derivative and their applications (III) \\\ Fractional Calculus and Applied Analysis, 19, No 1, pp. 19-55, @2016
- 419.** **Kutev N., Kolkovska N., Dimova M.** Global existence of Cauchy problem for Boussinesq paradigm equation. Computers and Mathematics with Applications, 65, 3, 2013, ISSN:0898-1221, 500-511. ISI IF:1.996

Цумура се в:

- 1023.** Shubin Wang, Xiao Su, Global existence and nonexistence of the initial–boundary value problem for the dissipative Boussinesq equation, Nonlinear Analysis: Theory, Methods & Applications, Volume 134, March 2016, Pages 164-188, ISSN 0362-546X, <http://dx.doi.org/10.1016/j.na.2016.01.004>, @2016
- 420.** Manolis G., Makra K., Dineva P., **Rangelov T.** Seismic motions in a non-homogeneous soil deposit with tunnels by a hybrid computational technique. Earthquake and Structures. An International Journal, 5, 2, 2013, ISSN:2092-7614, 161-205. ISI IF:1.138

Цумура се в:

- 1024.** Jafarnia, Mohsen; Varzaghani, Mehdi Imani, Effect of near field earthquake on the monuments adjacent to underground tunnels using hybrid FEA-ANN technique, Earthquakes and Structures, Volume 10, Issue 4, 2016, pp.757-768, @2016
- 421.** **Markov S.** Cell Growth Models Using Reaction Schemes: Batch Cultivation. Biomath, 2, 1312301, 2013, ISSN:1314-7218, DOI:<http://dx.doi.org/10.11145/j.biomath.2013.12.30>

Цумура се в:

- 1025.** Siripatana, C., Jijai, S. , Kongjan, P., Analysis and extension of Gompertz-type and Monod-type equations for estimation of design parameters from batch anaerobic digestion experiments, AIP Conference Proceedings, Vol. 1775, 24 October 2016, Art. Nr. 030079 (ICOMEIA 2016), @2016

422. **Milousheva, V.** Marginally trapped surfaces with pointwise 1-type Gauss map in Minkowski 4-space. In: International Journal of Geometry, 2013, 34-43

Цитирана се в:

1026. N. Turgay, Lorentzian Submanifolds in Semi-Euclidean Spaces with Pointwise 1-type Gauss map, In: Geometry, Integrability and Quantization, I. Mladenov, G. Meng and A. Yoshioka (Eds), Avangard Prima, 2016, 344-359, doi: 10.7546/giq-17-2016-344-359., @2016

423. Markatos, E., Balzarotti, D., **Minchev, Z.**, Athanasopoulos, E., Cavallaro, L., Maggi, F., Polychronakis, M., Slowinska, A., Polakis, I., Almgren, M., Bos, H., Ioannidis, S., Platzer, Ch., Tsigas, Ph., Zanero, S., Andriese, D., Lindorfer, M., Moradi, F., Nadjm-Tehrani, S., Rossow, Ch.. The Red Book. A Road Map for System Security Research. SysSec Consortium, 2013, DOI:10.13140/RG.2.1.1400.2000, 185

Цитирана се в:

1027. Antonakaki, D., Polakis, I., Athanasopoulos, E., Ioannidis, S., Fragopoulou, P. Exploiting abused trending topics to identify spam campaigns in Twitter, Social Network Analysis and Mining, Vol. 6, No. 1, pp. 1-11, 2016, Springer Vienna, ISSN 1869-5469, DOI 10.1007/s13278-016-0354-9, @2016

424. Kolb, M., **Savov, M.**, Wubcker, A.. (Non-) Ergodicity of a Degenerate Diffusion Modeling the Fiber Lay Down Process. SIAM Journal of Mathematical Analysis, 45, 1, 2013, 1-13. ISI IF:1.573

Цитирана се в:

1028. Wegener, R., Marheineke, N. and Hietel, D. (2016) Virtual Production of Filaments and Fleeces", Currents in Industrial Mathematics, 103--162, @2016

1029. Gramsch, S., Klar, A., Leugering, G. and Marheineke, N. (2016) Application of a three-dimensional fiber lay-down model to non-woven production processes, J.Math.Industry, 6, No.13, DOI: 10.1186/s13362-016-0034-4, @2016

425. **Popova E. D.**, M. Hladick. Outer enclosures to the parametric AE solution set. Soft Computing, 17, Springer, 2013, ISSN:1432-7643, 1403-1414. ISI IF:1.304

Цитирана се в:

1030. Marzieh Dehghani-Madiseh , Mehdi Dehghan, Parametric AE-solution sets to the parametric linear systems with multiple right-hand sides and parametric matrix equation  $A(p)X = B(p)$ , Numerical Algorithms, 73(1):245-279, 2016., @2016

1031. Mohsenizadeh, D. N., Oliveira, V., Keel, L., Bhattacharyya, S., Extremal Results for Algebraic Linear Interval Systems, in Goldengorin, B. (Ed.), Optimization and Its Applications in Control and Data Sciences: In Honor of Boris T. Polyak's 80th Birthday, Springer series Optimization and Its Applications, Volume 115, 2016, 341-351., @2016

426. Aurzada, F., Doering, L., **Savov, M.** Chung LIL for Lévy processes at small times. Bernoulli, 19, 1, 2013, 115-136. ISI IF:0.94

Цитирана се в:

1032. Maller, R. "Conditions for a Lévy process to stay positive near 0, in probability", Bernoulli, 22, No. 4, 1963–1978, IF: 1.16, @2016

427. **Popova E. D.** Inner Estimation of the Parametric Tolerable Solution Set. Computers and Mathematics with Applications, 66, 9, Elsevier, 2013, ISSN:0898-1221, DOI:10.1016/j.camwa.2013.04.007, 1655-

1665. ISI IF:1.996

Цитира се в:

**1033.** Kovalerchuk, B., Kreinovich, V., Concepts of solutions of uncertain equations with intervals, probabilities and fuzzy sets for applied tasks, Granular Computing, online 2016., @2016

**1034.** Hladik, M., Robust optimal solutions in interval linear programming with forall-exists quantifiers, European Journal of Operational Research, 2016, 254(3):705–714., @2016

**428.** **Popova E. D.** On “Overestimation-free Computational Version of Interval Analysis”. Int. J. for Computational Methods in Engineering Science and Mechanics, 14, 6, Taylor and Fransis, 2013, ISSN:1550-2287 (Print), 1550-2295 (Online), DOI:10.1080/15502287.2013.806606, 491-494. SJR:0.275

Цитира се в:

**1035.** Notash, L., Investigation of Wrench Accuracy for Parallel Manipulators, Proc. of ASME 2016 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE 2016), Volume 5B: 40th Mechanisms and Robotics Conference, Paper No. DETC2016-59425, pp. V05BT07A086; 10 pages, Charlotte, North Carolina, USA, August 21–24, 2016., @2016

**429.** Patie, P., **Savov, M.** Exponential functional of Lévy processes: Generalized Weierstrass products and Wiener-Hopf factorization. Comptes Rendus Mathematique, 351, 9-10, 2013, 393-396. ISI IF:0.477

Цитира се в:

**1036.** Chaibbi, R. “A note on a Poissonian functional and a q-deformed Dufresne identity.”, “Electron. Commun. Probab.”, 21 No.35, 1–13, DOI:10.1214/16-ECP4055., IF: 0.62, @2016

**430.** **Чехларова Т.** Задачи с дробни в стил Ешер. В: Изследователски подход в образованието по математика. Регалия 6, 2013, ISBN:978-954-745-224-4

Цитира се в:

**1037.** Sendova, E., Inquiry-Based Learning as a Natural Venicle for Cross-Curricular Integration: The Bulgarian Experience. KUPM 2016 - Zbornik razl̆irjenih povzetkov. p.33-35. 2016. ISBN 978-961-03-0352-7, @2016

**431.** **Raikov G., A. Pushnitski, C. Villegas-Blas.** Asymptotic density of eigenvalue clusters for the perturbed Landau Hamiltonian. In: Commun. Math. Phys., 2013, ISSN:0010-3616, 425-453

Цитира се в:

**1038.** D. Sambou, A criterion for the existence of nonreal eigenvalues for a Dirac operator, New York J. Math. 22 (2016), 469-500., @2016

**432.** **Чехларова Т.** Педагогически средства за математическо образование. Педагогически форум. Тракийски университет, 2013, ISSN:1314-7986, 104-112

Цитира се в:

**1039.** Зарева, Ц., Модел за изучаване на дескриптивна геометрия с динамични конструкции за студенти по архитектура и строителство. Дисертация за присъждане на образователна и научна степен „доктор”. 2016., @2016

**433.** **Slavova A., N. Kyurkchiev.** On an implementation of Black-Scholes model for estimation of Call- and



Put option via programming environment MATHEMATICA. C. R. Acad. Sci. Bulg., 2013, ISSN:13-10, 643-650

Цитира се в:

**1040.** A. Kananthai, S. Suksern, On the parametric Interest of the Option Price from the Black-Scholes Equation, IAENG International J. of Appl. Math., 46 (1), 1-13, (2016); [http://www.iaeng.org/IJAM/issues\\_v46/issue\\_1/IJAM\\_46\\_1\\_13.pdf](http://www.iaeng.org/IJAM/issues_v46/issue_1/IJAM_46_1_13.pdf), @2016

**434. Pericliev V..** Componential Analysis of Kinship Terminology: A Computational Perspective. Palgrave MacMillan: Basingstoke & New York, 2013, ISBN:9781137031174, 178

Цитира се в:

**1041.** Димитрова, Л. Компютърната лингвистика в ИМИ -- история, проекти, резултати. Национална конференция по информатика, посветена на 80 г. от рождението на професор Петър Бърнев, @2016

**1042.** Георгиева, Цв. Родството и роднинските названия в българския език (семантика и лексикографско представяне). София, "Авангард Прима", 2016. 214 с. ISBN 978-619-160-712-9, @2016

**1043.** Hashim Aliwy Mohammed Al-Husseini1 & Ghayth K. Shaker Al-Shaiban. A Cross-Cultural and Pragmatic Study of Felicity Conditions in the Same-Sex Marriage Discourse. Journal of Foreign Languages, Cultures and Civilizations June 2016, Vol. 4, No. 1, pp. 58-72 ISSN 2333-5882 (Print) 2333-5890 (Online), @2016

**435.** Kyurkchiev, H., **K. Kaloyanova.** Performance Study of Analytical Queries Oracle and Vertica. Proceedings of the 7-th International Conference Information Systems & Grid Technologies, 2013

Цитира се в:

**1044.** Fawwaz Alnawajha, The Performance of Inner Join Types in SQL, In Proc. of International Computer Science and Informatics Conference (ICSIC 2016), January 12-13, 2016, Jordan, Amman <https://www.cfplist.com/cfp.aspx?cid = 5651>, @2016

**436. Kaloyanova K..** Including Real Stakeholders at Students Projects. Proceedings of the 9th International Conference Computer Science and Education in Computer Science - CSECS 2013, 2013, 55-59

Цитира се в:

**1045.** Делинов, Е. Информатични подходи за повишаване на ефективността при разработване на проекти в сферата на обучението, Емил Делинов, Дисертация, ИМИ БАН, @2016

**437. Лучев Д., Д. Панева-Маринова, М. Гойнов.** Функционална спецификация на мултимедийна цифрова библиотека за културно наследство. В: Сборник доклади на Първа национална тематична школа и борса за научни идеи в областта на Информационните и комуникационни технологии (към Сборника на CompSysTech&#039;13), 2013, ISSN:1314-9024, 73-78

Цитира се в:

**1046.** Valev, I., Digital Archive of Soldiers' Legacy of the Socialist Period, Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 289-291, @2016

**438. Angelova V., Borissov Y..** Plaintext recovery in DES-like cryptosystems based on S-boxes with

embedded parity check. Serdica Journal of Computing, 7, 3, ИМИ-БАН, 2013, ISSN:1312-6555, 257-270

*Цитира се в:*

**1047.** A Bannier, N Bodin, E Filiol, Partition-Based Trapdoor Ciphers, @2016

---

## 2014

---

**439. Bazhlekova, E., Dimovski, I.** Exact solution of two-term time-fractional Thornleys problem by operational method. Integral Transforms and Special Functions, 25, 1, 2014, ISSN:1065-2469, 61-74. ISI IF:0.73

*Цитира се в:*

**1048.** Paneva-Konovska, J. Series in 3-parameter Mittag-Leffler functions – various convergence theorems. Proceedings of ICFDA'16, Novi Sad, Serbia, Serbian Society of Mechanics and Faculty of Technical Sciences Novi Sad, 2016, ISBN:ISBN 978-86-7892-830, 786-789, @2016

**1049.** A Kawamoto, H\'' older stability estimate in an inverse source problem for a first and half order time fractional diffusion equation, arXiv preprint arXiv:1611.05200, 2016, @2016

**1050.** J. Paneva-Konovska, From Bessel to Multi-Index Mittag–Leffler Functions, World Scientific, 2016, ISBN: 978-1-78634-088-7, @2016

**440.** Rakosnik J., **P. Stanchev, R. Pavlov.** Recent Developments in Digital Mathematics Libraries. Proc. of UNESCO Conf. DiPP 2014, 4, Sofia, 2014, ISSN:1314-4006, 59-68

*Цитира се в:*

**1051.** Pineau, D. Math-Aware Search Engines: Physics Applications and Overview. Research paper, University of Waterloo, Submitted on 8 Sep 2016, , @2016

**441. Nisheva-Pavlova M., N. Spyrtos, P. Stanchev.** Museum Collections and the Semantic Web. Proc. of UNESCO Conf. DiPP 2014, 4, Sofia, 2014, ISSN:1314-4006, 33-39

*Цитира се в:*

**1052.** Сотирова К. Онтологичен модел за музейна документация: пример от българската практика. В: Национална конференция по информатика, посветена на 80 г. от рождението на професор Петър Бърнев – сборник доклади, ИМИ-БАН, 2016, 153-164, @2016

**442.** Dineva P., Gross D., Müller R., **Rangelov T.** Dynamic Fracture of piezoelectric materials, Solutions of Time-harmonic problems via BIEM. Solid Mechanics and its Applications, volume 212, Springer International Publishing, Switzerland, 2014, ISBN:978-3-319-03960-2, 249

*Цитира се в:*

**1053.** Tadesse, Semere, Nano-Optomechanical System Based On Microwave Frequency Surface Acoustic Waves, PhD thesis, University of Minnesota, USA, 2016, @2016

**1054.** M. Lukasz Kryszttof Sienkiewicz, Concept, implementation and analysis of the piezoelectric resonant sensor / Actuator for measuring the aging process of human skin, PhD thesis, Institut National Polytechnique de Toulouse, 2016, @2016

**1055.** Ethan Rand, Rachel Welbel, Christopher J. Visco, Fundamental Considerations for Ultrasound-Guided Musculoskeletal Interventions, Physical Medicine and Rehabilitation Clinics of North

America, Volume 27, Issue 3, Pages 539-553, 2016, @2016

- 1056.** Mei, Lei, Novel Piezoelectric Composite Systems for Biomedical and Industry Applications, PhD thesis, The Pennsylvania State University, Department of Electrical Engineering, 2016, @2016
- 1057.** Sisamón Serrano, Alberto, Smart structures analysis: application to sandwich structures, MSc thesis, Universidad Carlos III de Madrid. Departamento de. Mecánica de Medios Continuos y Teoría de Estructuras, 2016, @2016

- 443.** Rangelov T., Manolis G.. Point force and dipole solutions in the inhomogeneous half-plane under time-harmonic conditions. Mechanics Research Communications, 51, 2014, ISSN:0093-6413, 90-97. ISI IF:1.495

Цитира се в:

- 1058.** Frank Wuttke , Ioanna-Kleoniki Fontara, Petia Dineva, Seismic Response of Poroelastic Graded Geological Region with Underground Structures by BIEM, Continuous Media with Microstructure 2, ISSN 978-3-319-28239-8, Springer International Publishing, pp 307-321, @2016

- 444.** Dutsova R.. Web-based Software System for Processing Bilingual Digital Resources. In: International Journal Cognitive Studies/Études Cognitives. Vol. 14, 14, 2014, ISSN:2080-7147, 33-43

Цитира се в:

- 1059.** 4. Л. Димитрова (2016) Компютърната лингвистика в ИМИ – история, проекти и резултати. В: Сборник с доклади на Национална конференция по информатика, посветена на 80-годишнината от рождението на проф. Петър Бърнев, 12-13 ноември 2015, София, България. Стр. 37-57. Издател: ИМИ – БАН със съдействието на Асоциация за развитие на информационното общество, София, 2016, ISBN 978-954-8986-45-8, @2016

- 445.** Paneva-Konovska J.. A family of hyper-Bessel functions and convergent series in them. Fract. Calc. Appl. Anal., 17, 4, Springer, 2014, ISSN:Print ISSN 1311 0454, Electronic ISSN 1314 2224, DOI:DOI:10.2478/s13540-014-0211-3, 1001-1015. ISI IF:2.245

Цитира се в:

- 1060.** I.A. Shilin, J. Choi, Integral and series representations of special functions related to the group  $SO(2, 2)$ , Ramanujan J (2016); doi:10.1007/s11139-016-9799-8, @2016
- 1061.** I. A. Shilin and Junesang Choi, Improper integrals associated with the Bessel functions and their multi-index analogues, Applied Mathematical Sciences, 2016, Vol. 10, no. 34, 1683 - 1692; doi:10.12988/ams.2016.6382, @2016

- 446.** Kovacheva, Ralitzia, Suetin, Sergey. Distribution of zeros of the Hermite-Padé polynomials for a system of three functions, and the Nuttall condenser. Proceedings of the Steklov Institute of Mathematics, RAS..., Volume 284, Issue 1, Springer, 2014, ISSN:0081-5438, DOI:10.1134/S008154381401012X, 168-191. ISI IF:0.302

Цитира се в:

- 1062.** АПРОКСИМАЦИИ С РАЦИОНАЛНИ ФУНКЦИИ В КОМПЛЕКСНАТА РАВНИНА” Николай Руменов Икономов АВТОРЕФЕРАТ ..., @2016

- 447.** Kutev N., Kolkovska N., Dimova M.. Global existence to generalized Boussinesq equation with combined power-type nonlinearities. Journal of Mathematical Analysis and Applications, 410, 2014, ISSN:0022-247X, DOI:10.1016/j.jmaa.2013.08.036, 427-444. ISI IF:1.12

Цитира се в:

- 1063.** Q. Hu, H. Zhang, G. Liu, Global existence and exponential growth of solution for the logarithmic Boussinesq-type equation, Journal of Mathematical Analysis and Applications, ISSN 0022-247X, <http://dx.doi.org/10.1016/j.jmaa.2015.11.082>, Volume 436, Issue 2, 15 April 2016, Pages 990–1001, @2016
- 1064.** Qingying Hu, Hongwei Zhang, Initial boundary value problem for generalized logarithmic improved Boussinesq equation, Mathematical Methods in the Applied Sciences, 2016, DOI 10.1002/mma.4255, @2016
- 1065.** H.A. Erbay, S. Erbay, A. Erkip, Instability and stability properties of traveling waves for the double dispersion equation, Nonlinear Analysis 133 (2016) 1–14, @2016
- 448.** Chehlarova, T, Gachev, G, Kenderov, P, Sendova, E. A Virtual School Mathematics Laboratory. V-та Национална конференция по електронно обучение. Русе, 16-17. 06.2014, 2014, ISBN:978-954-712-611-4, 146-151

Цитира се в:

- 1066.** Шабанова, М.В. и др. Экспериментальная математика в школе. Исследовательское обучение Коллективная монография. Москва. 2016, ISBN 978-5-91327-377-2, DOI 10.17513/np.141, @2016
- 1067.** Зарева, Ц., Модел за изучаване на дескриптивна геометрия с динамични конструкции за студенти по архитектура и строителство. Дисертация за присъждане на образователна и научна степен „доктор”. 2016., @2016
- 1068.** Чехларова, Н., Онлайн конкурс „розетка“ за развитие на дигиталната компетентност. Педагогически форум. бр. 3, 2016, ISSN -1314-7986, @2016
- 449.** Dalakov, P., Bruzzo, U.. Donagi-Markman cubic for the generalized Hitchin system. International Journal of Mathematics, 25, 02, World Scientific, 2014, ISSN:0129-167X, DOI:10.1142/S0129167X14500165, 1450016-1450036. ISI IF:0.552

Цитира се в:

- 1069.** "Hitchin and Calabi-Yau integrable systems", Florian Beck, PhD thesis, Albert-Luedwigs-Universitaet, Freiburg am Breisgau, @2016
- 450.** Кендеров, П., Е. Сендова, Т. Чехларова. Развиване на ключови компетентности чрез образованието по математика: Европейският проект KeyCoMath. 43. Пролетна математическа конференция на СМБ, 2014, ISSN:1313-3330, 99-105

Цитира се в:

- 1070.** Чехларова, Н., Онлайн конкурс „розетка“ за развитие на дигиталната компетентност. Педагогически форум. бр. 3, 2016 г., ISSN -1314-7986, @2016
- 451.** Dutsova, R.. Web-based Software System for Preservation of Language Cultural Heritage. Proceedings of the Fourth International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 28-30, 2014, IV, Institute of Mathematics and Informatics - BAS, 2014, ISSN:1314-4006, 165-172

Цитира се в:

- 1071.** Stefka Kovacheva, Ludmila Dimitrova, Kalin Pezhgorski (2016). E-learning environment UNESCO Bulgarian Architectural Heritage Sites. In Proceedings of the International Conference “Digital Presentation and Preservation of Cultural and Scientific Heritage”, Vol. 6, 191-198. ISSN

452. Bony, J.-F., Bruneau, V, **Raikov, G.** Counting Function of Characteristic Values and Magnetic Resonances. Communications in Partial Differential Equations, 39, 2, 2014, ISSN:0360-5302, 274-305. ISI IF:1.444

Цитира се в:

1072. D. Sambou, A criterion for the existence of nonreal eigenvalues for a Dirac operator, New York J. Math. 22 (2016), 469-500., @2016
1073. D. Sambou, Counting function of magnetic eigenvalues for non-definite sign perturbations, In: Proceedings of the Conference on Spectral Theory and Mathematical Physics, Santiago de Chile, 2014; Operator Theory: Advances and Applications, 254, 205-221, Springer International Publishing, 2016., @2016

453. **Popvassilev, Strashimir G.**, Porter, John E.. On monotone paracompactness. Topology and its Applications, 167, Elsevier, 2014, ISSN:0166-8641, DOI:http://dx.doi.org/10.1016/j.topol.2014.03.001, 1-9. SJR:0.54, ISI IF:0.5

Цитира се в:

1074. Monotone covering properties and properties they imply, by Timothy Chase, Gary Gruenhagen, Topology and its Applications, Volume 213, 1 November 2016, Pages 135–144., @2016

454. **Dimitrova, Neli S., Krastanov, M. I.** New result on the model-based biological control of the chemostat. Applied Mathematics and Computation, 237, Elsevier, 2014, ISSN:0096-3003, 686-694. ISI IF:1.551

Цитира се в:

1075. D. Zhao, S. Yuan: Break-even concentration and periodic behavior of a stochastic chemostat model with seasonal fluctuation. Communications in Nonlinear Science and Numerical Simulation, http://dx.doi.org/10.1016/j.cnsns.2016.10.014, vol. 46, pp. 62–73, 2016, @2016

455. **Kovacheva, St.** How to Incorporate New Knowledge in the History Courses for 4th and 5th Grade Pupils. Proceedings of the Fourth International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 28-30, 2014, IV, Institute of Mathematics and Informatics - BAS, 2014, ISSN:1314-4006, 224-234

Цитира се в:

1076. Димитрова, Л. (2016) Компютърната лингвистика в ИМИ – история, проекти и резултати. В: Сборник с доклади на Национална конференция по информатика, посветена на 80-годишнината от рождението на проф. Петър Бърнев, 12-13 ноември 2015, София, България. Стр. 37-57. Издател: ИМИ – БАН със съдействието на Асоциация за развитие на информационното общество, София, 2016, ISBN 978-954-8986-45-8, @2016

456. **Milousheva, V., Arslan, K., Bulca, B.** Meridian surfaces in E4 with pointwise 1-type Gauss map. Bull. Korean Math. Soc., 51, 3, 2014, 911-922. ISI IF:0.448

Цитира се в:

1077. M. Choi, D. Yoon, Surfaces of Revolution with Pointwise 1-Type Gauss Map in Pseudo-Galilean Space, Bull. Korean Math. Soc. 53 (2016), no. 2, 519–530, @2016
1078. N. Turgay, Lorenzian Submanifolds in Semi-Euclidean Spaces with Pointwise 1-type Gauss map, In: Geometry, Integrability and Quantization, I. Mladenov, G. Meng and A. Yoshioka (Eds),

**1079.** B. Bayram, K. Arslan, B. Bulca, On Generalized Spherical Surfaces in Euclidean Spaces, ArXiv: 1605.00460v1, @2016

**457. Ganchev, G., Milousheva, V..** Quasi-minimal Rotational Surfaces in Pseudo-Euclidean Four-dimensional Space. Centr. Eur. J. Math., 12, 2014, ISSN:1895-1074, DOI:10.2478/s11533-014-0430-1, 1586-1601. ISI IF:0.578

Цитира се в:

**1080.** F. Aksoyak, B. Altunkaya, Y. Yayli, Rotational Surfaces of Elliptic, Hyperbolic and Parabolic Types with Pointwise 1-type Gauss Map in Pseudo-Euclidean Space  $E^4_2$ , Preprint available at ArXiv:1601.04932v1, @2016

**458. Ganchev, G., Milousheva, V..** General rotational surfaces in the four-dimensional Minkowski space. Turk J Math, 38, 2014, ISSN:1300-0098, DOI:DOI:10.3906/mat-1312-10, 883-895. ISI IF:0.311

Цитира се в:

**1081.** B. Bektas, E. Canfes, U. Dursun, On rotational surfaces with zero mean curvature in the pseudo-Euclidean space  $E^4_2$ , arXiv:1607.07577v1, @2016

**459. Кендеров, П., Т. Чехларова.** Състезанието "Viva Математика с компютър" и ролята му за развитие на дигиталната компетентност на учениците. Научна конф. МАТТЕХ, Шумен, 2014, 3-10

Цитира се в:

**1082.** Зарева, Ц., Модел за изучаване на дескриптивна геометрия с динамични конструкции за студенти по архитектура и строителство. Дисертация за присъждане на образователна и научна степен „доктор”. 2016., @2016

**460.** Bruneau, V., Miranda, P., **Raikov, G..** Dirichlet and Neumann eigenvalues for half-plane magnetic Hamiltonians. Reviews in Mathematical Physics, 46, 2, World Scientific, 2014, ISSN:0129-055X, DOI:http://dx.doi.org/10.1142/S0129055X14500032, ISI IF:1.222

Цитира се в:

**1083.** P. D. Hislop, N. Popoff, E. Soccorsi, Characterization of bulk states in one-edge quantum Hall systems, Annales Henri Poincare 17 (2016), 37-62., @2016

**1084.** N. Popoff, E. Soccorsi, Limiting absorption principle for the magnetic Dirichlet Laplacian in a half-plane, Commun. P.D.E. 41 (2016), 879-893., @2016

**461. Dimitrova, Neli, Mikhail Ivanov Krastanov.** Model-based optimization of biogas production in an anaerobic biodegradation process. Computers and Mathematics with Applications, 68, 9, Elsevier, 2014, ISSN:0898-1221, DOI:DOI 10.1016/j.camwa.2014.04.006, 986-993. ISI IF:1.697

Цитира се в:

**1085.** Stump, S.M., Klausmeier, C.A., Competition and coexistence between a syntrophic consortium and a metabolic generalist, and its effect on productivity Journal of Theoretical Biology 404, pp. 348-360, 2016, @2016

**462. Paneva-Marinova, D., M. Goynov, D. Luchev.** Towards Wider Sharing of Iconographical Art Content. Proceedings of the UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2014, Veliko Tarnovo, Bulgaria, 4, IMI-BAS, 2014, ISSN:1314-4006, 127-134

Цумура се в:

- 1086.** Kovacheva, S.. Presentation of UNESCO Bulgarian Cultural Heritage Sites as Knowledge System in a Learning Environment. Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 179-188, @2016
- 1087.** Kovacheva, S., Dimitrova, L., Pezhgorski, K. E-learning Environment UNESCO Bulgarian Architectural Heritage Sites. Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 191-198, @2016
- 463.** **Bazhlekova, E., Bazhlekov, I.** Viscoelastic flows with fractional derivative models: computational approach via convolutional calculus of Dimovski. *Fract. Calc. Appl. Anal.*, 17, 4, 2014, 954-976. ISI IF:2.974

Цумура се в:

- 1088.** Devillanova, Giuseppe, and Giuseppe Carlo Marano. "A free fractional viscous oscillator as a forced standard damped vibration." *Fractional Calculus and Applied Analysis* 19.2 (2016): 319-356., @2016
- 1089.** Fan, Wenping, Xiaoyun Jiang, and Shanzhen Chen. "Parameter estimation for the fractional fractal diffusion model based on its numerical solution." *Computers & Mathematics with Applications* 71.2 (2016): 642-651., @2016
- 464.** Ivanova K., **G. Bogdanova**, K. Zdravkov, **D. Paneva-Marinova**, **R. Pavlov**. Project "North +": Documenting, Preserving and Providing Public Access to the Cultural Heritage in Libraries, Museums, Archives and Galleries in North and Central Bulgaria. Proceedings of the International UNESCO Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2014, Veliko Tarnovo, Bulgaria, 4, IMI-BAS, 2014, ISSN:1314-4006, 263-269

Цумура се в:

- 1090.** Mihaela Krasteva, Technology Advance in 21st Century's Art and Its Influence on Artists, Cultural and Historical Heritage: Preservation, Presentation, Digitalization [онлайн], Public Library "P. R. Slaveykov" – Veliko Tarnovo", 2016, V. 1, с. 50-61, ISSN 2367-8038. <http://www.math.bas.bg/vt/kin/> 2014, @2016
- 465.** **Tsvetelin S. Zaeviski, Young Shin Kim, Frank J. Fabozzi.** Option pricing under stochastic volatility and tempered stable Lévy jumps. *International Review of Financial Analysis*, 31, Elsevier, 2014, ISSN:1057-5219, DOI:10.1016/j.irfa.2013.10.004, 101-108. SJR:0.503, ISI IF:0.881

Цумура се в:

- 1091.** Xiao-li Gong, , Xin-tian Zhuang, Option pricing and hedging for optimized Lévy driven stochastic volatility models, *Chaos, Solitons & Fractals* Volume 91, October 2016, Pages 118–127, @2016
- 1092.** Xiaoli Gong, , Xintian Zhuang, Option pricing for stochastic volatility model with infinite activity Lévy jumps, *Physica A: Statistical Mechanics and its Applications* Volume 455, 1 August 2016, Pages 1–10, @2016
- 1093.** Jilong Chen , Christian-Oliver Ewald , Pricing Commodity Futures Options in the Schwartz Multi Factor Model with Stochastic Volatility: An Asymptotic Method, SSRN, @2016
- 466.** **Valchev, T.** Remarks on quadratic bundles related to Hermitian symmetric spaces. *J. Phys.: Conference* page 119/139

Цитира се в:

**1094.** V.S. Gerdjikov, G.G. Grahovski, R.I. Ivanov, On integrable wave interactions and Lax pairs on symmetric spaces, Wave Motion, <http://dx.doi.org/10.1016/j.wavemoti.2016.07.012>., @2016

**467. Valchev, T.** On a Nonlocal Nonlinear Schrödinger Equation. Mathematics in Industry, Cambridge Scholars Publ., 2014, ISBN:(10): 1-4438-6401-3, 36-52

Цитира се в:

**1095.** R. A. El-Nabulsi, On nonlocal complexified Schrödinger equation and emergence of discrete quantum mechanics, Quantum Studies: Mathematics and Foundations, Vol. 3, 4, 327–335., @2016

**468. Paneva-Konovska J.** Convergence of series in three parametric Mittag-Leffler functions. Mathematica Slovaca, 64, 1, degruyter, 2014, ISSN:0139 – 9918, DOI:10.2478/s12175-013-0188-0, 73-84. ISI IF:0.409

Цитира се в:

**1096.** D.S. de Oliveira, E. Capelas de Oliveira, Sarah Deif, On a sum with a three-parameter Mittag-Leffler function, Integral Transforms and Special Functions, 2016, Vol. 27, No 8, 639-652 DOI: 10.1080/10652469.2016.1182523, @2016

**1097.** D Kumar, On certain fractional calculus operators involving generalized Mittag-Leffler function, Sahand Communications in Mathematical Analysis (SCMA), 2016, Vol. 3, No. 2, 33-45, @2016

**1098.** RK Gupta, BS Shaktawat, D Kumar, Marichev-Saigo-Maeda Fractional Calculus Operators Involving Generalized Mittag-Leffler Function, Journal of Chemical, Biological and Physical Sciences (JCBPS), 2016, Vol. 6, No2, 556-567, @2016

**1099.** T. Sandev, I. Petreska, and E. K. Lenzi, Effective potential from the generalized time-dependent Schrödinger equation, Mathematics, 2016, 4, 59, 1-9; doi:10.3390/math4040059, @2016

**1100.** T. Sandev, Z. Tomovski, B. Crnkovic, Generalized distributed order diffusion equations with composite time fractional derivative, Computers and Mathematics with Applications, 2016, doi:10.1016/j.camwa.2016.07.009, @2016

**469. Georgieva I., C. Hofreither.** Interpolation of harmonic functions based on Radon projections. Numerische Mathematik, 127, Issue 3, 2014, ISSN:0029-599X, DOI:DOI:10.1007/s00211-013-0592-y, 423-445. ISI IF:1.551

Цитира се в:

**1101.** On polynomial interpolation of bivariate harmonic polynomials, Van Manh, P. Comptes Rendus Mathematique (C. R. Sci. Paris, Ser.I 355(2017)), Elsevier, December 5, 2016, p.28-33, ISSN: 1631-073X <http://dx.doi.org/10.1016/j.crma.2016.11.008>, @2016

**470. Павлов, Р., Д. Лучев.** Технологични аспекти и услуги в цифрови библиотеки с културно-исторически съдържание. Компютърни науки и комуникации, 4, Бургаски свободен университет, 2014, ISSN:1314-7846, 63-73

Цитира се в:

**1102.** Valev, I., Digital Archive of Soldiers' Legacy of the Socialist Period, Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and



**1103.** Noev, N., G. Bogdanova, T.Todorov, Towards Better Presenting and Searching of Bells Knowledge, Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 207-212, @2016

**471.** Kiryakova, V., D. Valerio, JA Tenreiro Machado. Some pioneers of the applications of fractional calculus. Fractional Calculus and Applied Analysis, 17, 4, Springer and De Gruyter Open, 2014, ISSN:1311-0454, 1314-2224, DOI:10.2478/s13540-014-0185-1, 552-578. SJR:2.106, ISI IF:2.974

Цитирани работи:

**1104.** Kumar, S., Approximate controllability of nonlocal impulsive fractional order semilinear time varying delay systems \ Nonlinear Dynamics and Systems Theory, 16, No 4, pp. 420-430, @2016

**1105.** Rossikhin, Y.A., Shitikova, M.V., Dynamic response of a viscoelastic plate impacted by an elastic rod \ JVC / Journal of Vibration and Control, 22, No 8, pp. 2019-2031, @2016

**1106.** Bazhlekova, E., Tsocheva, K., Fractional burgers' model: Thermodynamic constraints and completely monotonic relaxation function \ Comptes Rendus de L'Academie Bulgare des Sciences, 69, No 7, pp. 825-834, @2016

**1107.** Qarout, D., Ahmad, B., Alsaedi, A., Existence theorems for semi-linear Caputo fractional differential equations with nonlocal discrete and integral boundary conditions \ Fractional Calculus and Applied Analysis, 19, No 2, pp. 463-479, @2016

**1108.** Guo, Y., Ma, B., Extension of Lyapunov direct method about the fractional nonautonomous systems with order lying in (1, 2) \ Nonlinear Dynamics, 84, No 3, pp. 1353-1361, @2016

**1109.** Garrappa, R., Grünwald-Letnikov operators for fractional relaxation in Havriliak-Negami models \ Communications in Nonlinear Science and Numerical Simulation, 38, Sept 01, pp. 178-191, @2016

**472.** Kiryakova, V.. From the hyper-Bessel operators of Dimovski to the generalized fractional calculus. Fractional Calculus and Applied Analysis, 17, 4, Springer and De Gruyter Open, 2014, ISSN:1311-0454, 1314-2224, DOI:10.2478/s13540-014-0210-4, 977-1000. SJR:2.106, ISI IF:2.974

Цитирани работи:

**1110.** Bouzeffour, F., Fractional integration operator on some radial rays and intertwining for the Dunkl operator \ Fractional Calculus and Applied Analysis, 19, No 3, pp. 725-740, @2016

**1111.** Chudasama, M.H., Dave, B.I., Some new class of special functions suggested by the confluent hypergeometric function \ Annali dell'Universita di Ferrara, 62, No 1, pp. 23-28, @2016

**1112.** Mincheva-Kaminska, S., Convolutional approach to fractional calculus for distributions of several variables \ Fractional Calculus and Applied Analysis, 19, No 2, pp. 441-462, @2016

**473.** Moszkowski, Ben, **Dimitar P. Guelev**, Martin Leucker. Guest Editor's Preface to Special Issue on Interval Temporal Logics. Annals of Mathematics and Artificial Intelligence, 71, 1-3, Springer, 2014, ISSN:1012-2443 (Print) 1573-7470 (Online), DOI:10.1007/s10472-014-9417-7, 1-9. ISI IF:0.488

Цитирани работи:

**1113.** Bader Alouffi, Run Time verification of Hybrid Systems, Ph.D Thesis, Software Technology

- 474. Ivanov K.G., P. Petrushev.** Irregular sampling of band-limited functions on the sphere. *Applied and Computational Harmonic Analysis*, 37, 3, Elsevier, 2014, ISSN:1063-5203, DOI:10.1016/j.acha.2014.05.001, 545-562. ISI IF:3.211

Цитира се в:

- 1114.** V. Domínguez, M. Ganesh, Sobolev estimates for constructive uniform-grid FFT interpolatory approximations of spherical functions, *Advances in Computational Mathematics*, IF(2015): 1.325, 42, 4, 2016, 843–887., @2016
- 475. Popova E. D.** Improved Enclosure for Some Parametric Solution Sets with Linear Shape. *Computers and Mathematics with Applications*, 68, 9, Elsevier, 2014, ISSN:0898-1221, DOI:10.1016/j.camwa.2014.04.005, 994-1005. ISI IF:1.697

Цитира се в:

- 1115.** Kovalerchuk, B., Kreinovich, V., Concepts of solutions of uncertain equations with intervals, probabilities and fuzzy sets for applied tasks, *Granular Computing*, online 2016. DOI: 10.1007/s41066-016-0031-4, @2016
- 1116.** Marzieh Dehghani-Madiseh , Mehdi Dehghan, Parametric AE-solution sets to the parametric linear systems with multiple right-hand sides and parametric matrix equation  $A(p)X = B(p)$ , *Numerical Algorithms*, 73(1):245-279, 2016., @2016
- 1117.** M. Hladík, Transformations of interval linear systems of equations and inequalities, *Linear and Multilinear Algebra*, online 18 May 2016., @2016
- 1118.** Kovalerchuk, B., Kreinovich, V., Comparison of formulations of applied tasks with intervals, fuzzy sets and probability approaches, *Technical Report 09*, 2016, University of Texas at El Paso., @2016
- 476.** Valchanov N., Iliev A.. Implementation of Graphical Simulation Environment for Mathematical Models. *Fundamental and Complementary Science*, “Mircea cel Batran” Naval Academy Scientific Bulletin, Constanta, Romania, XIV (2), 2014, ISSN:1454–864X, 222-228

Цитира се в:

- 1119.** Matanski, V., Exploring Synesthesia Utilizing Software Technologies, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016
- 1120.** Kyurkchiev, P., Extendable Architecture for Process Simulation System with Possibility of Work With Large Number of External Libraries, Сборник доклади от научен семинар по проект ИТ 15-ФМИИТ-004 към НПД на Пловдивски университет „Паисий Хилендарски“, к.к. Пампорово, 24.11.2016 г., @2016
- 477. Dimitrova L., V. Koseska–Toszewa.** *Semantics Properties of Selected Universal Language Categories in Digital Bilingual Resources.* Demetra Ltd Publishers, Sofia, 2014, ISBN:978-954-8986-40-3, 155

Цитира се в:

- 1121.** Danuta Roszko (2016) The Use of the Lexical Exponents of Hypothetical Modality in Polish and Lithuanian. In: *Cognitive Studies | Études cognitives*, vol. 16, 45-56, SOW Publishing House, Warsaw. IF [ERIH], ISSN: 2392-2397, <http://dx.doi.org/10.11649/cs.2016.005>, @2016
- 1122.** Wojciech Paweł Sosnowski (2016) Forms of Address as Discrete Modal Operators. In: *Cognitive Studies | Études cognitives*, vol. 16, 23-32, SOW Publishing House, Warsaw. IF [ERIH], ISSN:

- 478. Elitza Hristova.** Branching laws for tensor modules over classical locally finite Lie algebras. *Journal of Algebra*, 397, Elsevier, 2014, ISI IF:0.599

Цитира се в:

- 1123.** Path Algebras of Quivers and Representations of Locally Finite Lie Algebras, @2016

- 479.** Lenington J, Coppola G, Kataoka-Sasaki Y, Fernandez T, **Palejev D**, Li Y, Huttner A, Pletikos M, Sestan N, Leckman JF, Vaccarino F. Transcriptome analysis of the human striatum in Tourette syndrome. *Biol. Psychiatry*, Elsevier, 2014, ISSN:0006-3223, DOI:10.1016/j.biopsych.2014.07.018, SJR:6.062, ISI IF:9.472

Цитира се в:

- 1124.** Frick, L., Rapanelli, M., Abbasi, E., Ohtsu, H., Pittenger, C. Histamine regulation of microglia: Gene-environment interaction in the regulation of central nervous system inflammation (2016) *Brain, Behavior, and Immunity*, 57, pp. 326-337. Cited 1 time. DOI: 10.1016/j.bbi.2016.07.002, @2016

- 1125.** Forde, N.J., Kanaan, A.S., Widomska, J., et.al. TS-EUROTRAIN: A European-wide investigation and training network on the etiology and pathophysiology of Gilles de la Tourette Syndrome (2016) *Frontiers in Neuroscience*, 10 (AUG), art. no. 384, . DOI: 10.3389/fnins.2016.00384, @2016

- 1126.** Xu, M., Li, L., Pittenger, C. Ablation of fast-spiking interneurons in the dorsal striatum, recapitulating abnormalities seen post-mortem in Tourette syndrome, produces anxiety and elevated grooming (2016) *Neuroscience*, 324, pp. 321-329. DOI: 10.1016/j.neuroscience.2016.02.074, @2016

- 1127.** Nespoli, E., Rizzo, F., Boeckers, T.M., Hengerer, B., Ludolph, A.G. Addressing the complexity of Tourette's syndrome through the use of animal models (2016) *Frontiers in Neuroscience*, 10 (APR), art. no. 133, . DOI: 10.3389/fnins.2016.00133, @2016

- 1128.** Sun, N., Tischfield, J.A., King, R.A., Heiman, G.A. Functional evaluations of genes disrupted in patients with Tourette's disorder (2016) *Frontiers in Psychiatry*, 7 (FEB), art. no. 11, . Cited 1 time. DOI: 10.3389/fpsy.2016.00011, @2016

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## 2015

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- 480. Kovacheva, Ralitzia,** Hans-Peter Blatt. Distribution of interpolation points of maximally convergent miltipoint Pade' approximants. *Journal of approximation theory*, 191, Elsevier, 2015, ISSN:0021-9045, DOI:dx.doi.org./10.1016/j.jat.2014.04.004, 48-57. ISI IF:0.812

Цитира се в:

- 1129.** АПРОКСИМАЦИИ С РАЦИОНАЛНИ ФУНКЦИИ В КОМПЛЕКСНАТА РАВНИНА” Николай Руменов Икономов АВТОРЕФЕРАТ .., @2016

- 481. Kenderov, P., T. Chehlarova, E. Sendova.** A Web-based Mathematical Theme of the Month. *Mathematics Today*, 51, 6, 2015, ISSN:1361-2042, 305-309

Цитира се в:

- 1130.** Зарева, Ц., Модел за изучаване на дескриптивна геометрия с динамични конструкции за студенти по архитектура и строителство. Дисертация за присъждане на образователна и

научна степен „доктор”. 2016., @2016

**1131.** Чехларова, Н., Онлайн конкурс „розетка“ за развитие на дигиталната компетентност. Педагогически форум. бр. 3, 2016 г., ISSN -1314-7986, @2016

**482.** Gavrilov L., **I. D. Iliev.** Perturbations of quadratic Hamiltonian two-saddle cycles. Ann. Inst. H. Poincare (C) Non Linear Analysis, 32, 2, Elsevier, 2015, ISSN:0294-1449, DOI:10.1016/j.anihpc.2013.12.001, 307-324. ISI IF:2.066

Цитира се в:

**1132.** Ameni Gargouri, On the perturbations theory of the Duffing oscillator in a complex domain, Ph.D. Thesis (10 December 2015), Faculty of Sciences, Sfax University, Tunisia, and Institut de Mathématiques de Toulouse, Paul Sabatier University, France (2016), 92 pp., @2016

**483.** **Kyurkchiev, N., Markov, S.** On the Hausdorff distance between the Heaviside step function and Verhulst logistic function. J. Math. Chem., 54, 1, Springer, 2015, ISSN:0259-9791, DOI:10.1007/S10910-015-0552-0, 109-119. ISI IF:1.145

Цитира се в:

**1133.** S.-H. Wang et al., Multiple Sclerosis Detection Based on Biorthogonal Wavelet Transform, RBF Kernel Principal Component Analysis, and Logistic Regression; 10.1109/ACCESS.2016.2620996; vol. 4, 2016, 7567-7576, @2016

**1134.** D. Costarelli, R. Spigler, Solving numerically nonlinear systems of balance laws by multivariate sigmoidal functions approximation, Computational and Applied Mathematics, 2016; IF = 0.473; DOI:10.1007/s40314-016-0334-8 <http://link.springer.com/article/10.1007/s40314-016-0334-8>, @2016

**484.** **Branzov, T.** Viva Cognita: Virtual Community Software and E-Learning Software as a Framework for Building Knowledge Sharing Platform. UNESCO International Workshop: Quality of Education and Challenges in a Digitally Networked World, Za Bukvite, Sofia, Bulgaria, 2015, ISBN:978-619-185-163-8, 75-81

Цитира се в:

**1135.** Ed. Donert, K, Y. Kotsanis. Education on the Cloud 2015 - State of the Art - Case Studies, @2016

**1136.** Evgenia Sendova, Toni Chehlarova, Petar Kenderov. Two recent events in Bulgaria in the frames of Scientix, МАТЕМАТИКА И МАТЕМАТИЧЕСКО ОБРАЗОВАНИЕ, ISSN 1313-3330, Доклади на Четиридесет и петата пролетна конференция на Съюза на математиците в България, @2016

**485.** **Kyurkchiev, N.** On the Approximation of the step function by some cumulative distribution functions. Compt. rend. Acad. bulg. Sci., 68, 12, 2015, ISSN:1310-1331, ISI IF:0.284

Цитира се в:

**1137.** S. Markov, Building reaction kinetic models for amyloid fibril growth, BIOMATH, 5 (1), 2016; <http://dx.doi.org/10.11145/j.biomath.2016.07.311>, @2016

**486.** Márkus, Z. L., G. Kaposi, T. Szkaliczki, **D. Luchev, R. Pavlov.** BOOK@HAND BIDL: Mobile Exploring of the Bulgarian Iconography by Using Panorama Pictures. Digital Presentation and Preservation of Cultural and Scientific Heritage. International UNESCO Conference, Veliko Tarnovo, Bulgaria, September 28-30, 2015. Proceedings, 5, IMI-BAS, 2015, ISSN:1314-4006, 109-120

Цитира се в:

**1138.** Goynov, M., Rangochev, K., Paneva-Marinova, D., Sapundjiev, V.. Tracking Interoperability Service in Digital Libraries for Orthodox Art and Knowledge. Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 137-146, @2016

**487.** Iliev, A., N. Kyurkchiev, S. Markov. On the Approximation of the Cut and Step Functions by Logistic and Gompertz Functions. Biomath, 4, 2, 2015, ISSN:1314-684X, DOI:10.11145/j.biomath.2015.10.101

Цитира се в:

**1139.** Tyagi S., S. Abbas, M. Hafayed, Global Mittag–Leffler stability of complex valued fractional-order neural network with discrete and distributed delays, Rendiconti del Circolo Matematico di Palermo, pp 1-21, Online ISSN: 1973-4409, SJR 0, 266, DOI 10.1007/s12215-016-0248-8, <http://link.springer.com/article/10.1007/s12215-016-0248-8>, @2016

**1140.** D. Costarelli, G. Vinti, Pointwise and uniform approximation by multivariate neural network operators of the max-product type, Neural Networks, 2016, IF = 3.216; doi:10.1016/j.neunet.2016.06.002; <http://www.sciencedirect.com/science/article/pii/S0893608016300685>, @2016

**1141.** D. Costarelli, R. Spigler, G. Vinti, A survey on approximation by means of neural network operators, Journal of NeuroTechnology, 1 (1), 2016, 1-24; <http://ojs.j-science-technology.com/index.php?journal = JNT&page = article&op = view&path%5B%5D = 11&path%5B%5D = 3>, @2016

**488.** Kyurkchiev, N., S. Markov. Sigmoid functions: Some Approximation and Modelling Aspects. Some Moduli in Programming Environment MATHEMATICA. LAP LAMBERT Academic Publishing, 2015, ISBN:978-3-659-76045-7, 110

Цитира се в:

**1142.** Naresh Babu, K. V., and Damodar Reddy Edla, New Algebraic Activation Function for Multi-Layered Feed Forward Neural Networks, IETE Journal of Research (2016): 1-8; IF = 0.284; ISSN:0377-2063 (Print); DOI: 10.1080/03772063.2016.1240633; <http://dx.doi.org/10.1080/03772063.2016.1240633>, @2016

**1143.** D. Costarelli, R. Spigler, Solving numerically nonlinear systems of balance laws by multivariate sigmoidal functions approximation, Computational and Applied Mathematics, 2016; IF = 0.473; DOI:10.1007/s40314-016-0334-8 <http://link.springer.com/article/10.1007/s40314-016-0334-8>, @2016

**1144.** D. Costarelli, G. Vinti, Convergence for a family of neural network operators in Orlicz spaces, Mathematische Nachrichten, 2016; IF = 0.91; DOI:10.1002/mana.20160006, @2016

**1145.** Tyagi S., S. Abbas, M. Hafayed, Global Mittag–Leffler stability of complex valued fractional-order neural network with discrete and distributed delays, Rendiconti del Circolo Matematico di Palermo, pp 1-21, Online ISSN: 1973-4409, SJR 0, 266, DOI 10.1007/s12215-016-0248-8, <http://link.springer.com/article/10.1007/s12215-016-0248-8>, @2016

**1146.** D. Costarelli, R. Spigler, G. Vinti, A survey on approximation by means of neural network operators, Journal of NeuroTechnology, 1 (1), 2016, 1-24; <http://ojs.j-science-technology.com/index.php?journal = JNT&page = article&op = view&path%5B%5D = 11&path%5B%5D = 3>, @2016

**489.** Кендеров, П., Т. Чехларова, Е. Сендова. Европейският проект KeyCoMath и ориентираното към

усвояване на ключови компетентности чрез образование по математика. 44. Пролетна математическа конференция на СМБ, 2015, ISSN:1313-3330, 155-157

Цитира се в:

**1147.** Несторова, Р. Разширяване на математическата компетентност на учениците от 5. до 12. клас в ЗИП и СИП. Дисертация за присъждане на образователна и научна степен „доктор”. 2016., @2016

**490. Периклиев, Вл.** Компонентен анализ на термините за родство в български език. сп. "Съпоставително езикознание" [ERIH], 1, Софийски университет, 2015, ISSN:0204-8701, 73-84

Цитира се в:

**1148.** Георгиева, Цв. Родството и роднинските названия в българския език (семантика и лексикографско представяне). София, "Авангард Прима", 2016. 214 с. ISBN 978-619-160-712-9, @2016

**1149.** в: Георгиева, Цв. За т.нар. „семантични особености“ при роднинските названия. – В: Лексикологията в началото на XXI век. Сборник с доклади от седмата международна конференция по лексикология и лексикография. София, 15 – 16.10.2015 (под печат), @2016

**491. Ganchev, G., Milousheva, V.** Special Classes of Meridian Surfaces in the Four-dimensional Euclidean Space. Bull. Korean Math. Soc., 52, 6, 2015, ISSN:1015-8634, DOI:http://dx.doi.org/10.4134/BKMS.2015.52.6.2035, 2035-2045. ISI IF:0.228

Цитира се в:

**1150.** G. Öztürk, B. Bulca, B. Bayram, K. Arslan, Meridian surface of Weingarten type in 4-dimensional Euclidean space  $E^4$ , Konuralp Journal of Mathematics, 4 (1), 2016, 239-245, @2016

**492. Bazhlekov, I, Vasileva, D, Bazhlekova, E.** Mathematical modelling of the effect of biosurfactants on the surface tension. Biomath. Commun., 2, 2015

Цитира се в:

**1151.** Farzi, R., Esmaeilzadeh, F. Prediction of surface tension of pure hydrocarbons using Esmaeilzadeh-Roshanfekar equation of state and group contribution method (2016) Fluid Phase Equilibria, 427, pp. 353-361., @2016

**493. Bogdanova Galina.** Interdisciplinary aspects of research on digitization, preservation and presentation of cultural and historical heritage. Journal of the Bulgarian Academy of Sciences, 3, BAS, 2015, ISSN:0007-3989, 67-75

Цитира се в:

**1152.** Iliya Valev, Digital Archive of Soldiers' Legacy of the Socialist Period. Digital Presentation and Preservation of Cultural and Scientific Heritage VI:289-292 (2016), @2016

**494. Chehlarova, T., P. Kenderov.** Mathematics with a computer - a contest enhancing the digital and mathematical competences of the students. UNESCO International Workshop:Quality of Education and Challenges in a Digitally Networked World, Falezha 2000, Sofia, 2015, ISBN:ISBN 978-619-185-163, 50-62

Цитира се в:

**1153.** Чехларова, Н., Онлайн конкурс „розетка“ за развитие на дигиталната компетентност. page 126/139

- 495. Bazhlekova, E.,** Jin, B., Lazarov, R., Zhou, Z.. An analysis of the Rayleigh-Stokes problem for a generalized second-grade fluid. *Numerische Mathematik*, 131, 1, 2015, 1-31. ISI IF:1.551

Цитира се в:

- 1154.** Xu, D. The time discretization in classes of integro-differential equations with completely monotonic kernels: Weighted asymptotic convergence (2016) *Numerical Methods for Partial Differential Equations*, 32 (3), pp. 896-935., @2016
- 1155.** Dehghan, Mehdi, and Mostafa Abbaszadeh. "A finite element method for the numerical solution of Rayleigh–Stokes problem for a heated generalized second grade fluid with fractional derivatives." *Engineering with Computers* (2016): doi:10.1007/s00366-016-0491-9, @2016
- 1156.** Karaa, Samir, Kassem Mustapha, and Amiya K. Pani. "A priori estimates of a finite element method for fractional diffusion problems by energy arguments." *arXiv preprint arXiv:1605.09104* (2016)., @2016
- 496. Nikolov N, M.** Trybula. The Kobayashi balls of C-convex domains. *Monatsh. Math.*, 177, 2015, 627-635. ISI IF:0.664

Цитира се в:

- 1157.** A. M. Zimmer, Gromov hyperbolicity and the Kobayashi metric on convex domains of finite type, *Math. Ann.* 365 (2016), 1425-1498., @2016
- 497. Лучев, Д., Павлов, Р., Панева-Маринова, Д.** Дигиталната култура. Проблеми и решения. Сборник на национална конференция „ИКТ в библиотечно-информационните науки, образованието и културното наследство“, "За буквите - О писменехъ", 2015, ISBN:978-619-185-164-5, 68-87

Цитира се в:

- 1158.** Valev, I., Digital Archive of Soldiers' Legacy of the Socialist Period, Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 289-291, @2016
- 498. Bazhlekova, E.** Completely monotone functions and some classes of fractional evolution equations. *Integral Transforms and Special Functions*, 26, 9, 2015, DOI:10.1080/10652469.2015.1039224, ISI IF:0.723

Цитира се в:

- 1159.** Garrappa R, F Mainardi, G Maione, Models of dielectric relaxation based on completely monotone functions - *arXiv preprint arXiv:1611.04028*, 2016, @2016
- 1160.** Jin, B., Lazarov, R., Sheen, D., & Zhou, Z. (2016). Error estimates for approximations of distributed order time fractional diffusion with nonsmooth data. *Fractional Calculus and Applied Analysis*, 19(1), 69-93., @2016
- 1161.** Kochubei, Anatoly N., and Yuri Kondratiev. "Fractional kinetic hierarchies and intermittency." *arXiv preprint arXiv:1604.03807* (2016)., @2016
- 499. Noev N.** Approaches and Methodologies of Creating, Storing, Presentation and Protection of Digital Resources in the Field of Cultural and Historical Heritage via Technologies Based on Knowledge. In: Luchev, D. (ed.). DIPP International UNESCO Conference, Veliko Tarnovo, Bulgaria, September 28-30,

2015. Innovation and Culture – Regional Problems and Solutions. Workshop Proceedings. IMI-BAS, Special Edition, 5, 5, ИМИ, БАН, 2015, ISSN:1314-4006, 19-28

Цитира се в:

**1162.** G. Senka, S. Plota, M. Monova-Zheleva, Y. Zhelev, D. Luchev, D. Paneva-Marinova: Technology-enhanced Teaching of Exact Science through Art. In online science series - Cultural and Historical Heritage: Preservation, presentation, digitalization (KIN 2016), Volume 2, ISSN 2367-8038, pp. 75-79, 2016, @2016

**1163.** Shatko, Elena G., Galina Bogdanova, and Todor Yordanov Todorov. "Digital Archive of Cultural-Historic Heritage of Belarus: Certification of Bells Cast During 16th-19th Centuries." Digital Presentation and Preservation of Cultural and Scientific Heritage VI (2016): 213-218., @2016

**1164.** Márkus, Zsolt László, et al. "BOOK@ HAND Bells: Mobile Presentation of the Valuable Bells of the Historic and Culture Heritage of Bulgaria." Digital Presentation and Preservation of Cultural and Scientific Heritage VI (2016): 73-80., @2016

**500. Dutsova R.** Web-based System for Digital Presentation, Management and Preservation of Bulgarian Language Heritage. In: Proc. of the International Conference "Digital Presentation and Preservation of Cultural and Scientific Heritage" DIPP'2015, 5, 2015, ISSN:1314-4006, 189-194

Цитира се в:

**1165.** Stefka Kovacheva (2016). Presentation of UNESCO Bulgarian Cultural Heritage Sites as Knowledge System in a Learning Environment. In Proceedings of the International Conference "Digital Presentation and Preservation of Cultural and Scientific Heritage", Vol. 6, 179-188. ISSN 1314-4006, @2016

**1166.** Stefka Kovacheva, Ludmila Dimitrova, Kalin Pezhgorski (2016). E-learning environment UNESCO Bulgarian Architectural Heritage Sites. In Proceedings of the International Conference "Digital Presentation and Preservation of Cultural and Scientific Heritage", Vol. 6, 191-198. ISSN 1314-4006, @2016

**501. Kiryakova, V.,** JA Tenreiro Machado, F. Mainardi. Fractional calculus: Quo vadimus? (Where are we going?). Fractional Calculus and Applied Analysis, 18, 2, De Gruyter, 2015, ISSN:1311-0454, 1314-2224, DOI:10.1515/fca-2015-0031, 495-526. SJR:1.433, ISI IF:2.245

Цитира се в:

**1167.** Zhu, D., Optimal nonlinear dynamics modeling method for big data based on fractional calculus and simulated annealing \ Nonlinear Dynamics, 84, No 1, pp. 311-322, @2016

**502. Kovacheva St.** Electronic Dictionary as a Tool for Integration of Additional Learning Content. Intern. J. Cognitive Studies|Études Cognitives. Vol. 15, SOW, Warsaw, 15, 2015, ISSN:2392-2397, DOI:http://dx.doi.org/10.11649/cs.2015.026, 379-388

Цитира се в:

**1168.** Димитрова, Л. (2016) Компютърната лингвистика в ИМИ – история, проекти и резултати. В: Сборник с доклади на Национална конференция по информатика, посветена на 80-годишнината от рождението на проф. Петър Бърнев, 12-13 ноември 2015, София, България. Стр. 37-57. Издател: ИМИ – БАН със съдействието на Асоциация за развитие на информационното общество, София, 2016, ISBN 978-954-8986-45-8, @2016

**503. Dutsova R.** Web-based Digital Lexicographic Bilingual Resources. Intern. J. Cognitive Studies|Études Cognitives. Vol. 15, SOW, Warsaw, 15, 2015, ISSN:2392-2397,



Цитира се в:

**1169.** 7. Л. Димитрова (2016) Компютърната лингвистика в ИМИ – история, проекти и резултати. В: Сборник с доклади на Национална конференция по информатика, посветена на 80-годишнината от рождението на проф. Петър Бърнев, 12-13 ноември 2015, София, България. Стр. 37-57. Издател: ИМИ – БАН със съдействието на Асоциация за развитие на информационното общество, София, 2016, ISBN 978-954-8986-45-8, @2016

**504. Ivanov K.G., P. Petrushev.** Fast memory efficient evaluation of spherical polynomials at scattered points. *Advances in Computational Mathematics*, 41, 1, Springer, 2015, ISSN:1019-7168, DOI:10.1007/s10444-014-9354-3, 191-230. ISI IF:1.487

Цитира се в:

**1170.** 1. YG Wang, QT Le Gia, IH Sloan, RS Womersley. Fully discrete needlet approximation on the sphere, *Applied and Computational Harmonic Analysis*, ISSN: 1063-5203, IF(2015): 2.094, in press 2016, <http://dx.doi.org/10.1016/j.acha.2016.01.003>, @2016

**505.** Mangoo-Karim, R., Abreu, J., Yanev, G., Perez, N., Stubbs, J., Wetmore, J.. Ergocalciferol versus cholecalciferol for nutritional vitamin D replacement in CKD. *Nephron*, 130, 2, Karger Publishers, 2015, ISSN:1660-8151, DOI:10.1159/00043081, 99-104

Цитира се в:

**1171.** Mark A. Moyad. Book “Integrative Medicine for Breast Cancer. An Evidence-Based Assessment”, Chapter: “Rapid Review of Breast Cancer Treatment Side Effects and Dietary Supplement/Integrative Options from A to Z: What Helps, Harms, or Does Nothing?” pp 225-342. DOI:10.1007/978-3-319-23422-9\_7. ISBN: 978-3-319-23421-2. Springer., @2016

**506. Georgieva, I., C. Hofreither.** New Results on Regularity and Errors of Harmonic Interpolation using Radon Projections. *Journal of Computational and Applied Mathematics*, 293, Elsevier, 2015, ISSN:0377-0427, DOI:10.1016/j.cam.2015.02.056, 73-81. ISI IF:1.328

Цитира се в:

**1172.** On polynomial interpolation of bivariate harmonic polynomials, Van Manh, P. *Comptes Rendus Mathematique (C. R. Sci. Paris, Ser.I 355(2017))*, Elsevier, December 5, 2016, p.28-33, ISSN: 1631-073X <http://dx.doi.org/10.1016/j.crma.2016.11.008>, @2016

**507. Popova E. D.** Solvability of Parametric Interval Linear Systems of Equations and Inequalities. *SIAM J. Matrix Anal. Appl.*, 36, 2, SIAM, 2015, ISSN:1095-7162 (online), DOI:10.1137/140966459, 615-633. ISI IF:1.883

Цитира се в:

**1173.** M. Hladík, Transformations of interval linear systems of equations and inequalities, *Linear and Multilinear Algebra*, online 18 May 2016., @2016

**508.** O. Hyrien, S. A. Peslak, N. M. Yanev, J. Palis. Stochastic modeling of stress erythropoiesis using a two-type age-dependent branching process with immigration. *Journal of Mathematical Biology*, 70, 7, Springer-Verlag Berlin Heidelberg, 2015, ISSN:ISSN 0303-6812, DOI:DOI 10.1007/s00285-014-0803-x, 1485-1521. ISI IF:1.846

Цитира се в:

- 1174.** Jason Xu, Samson Koelle, Peter Guttorp, Chuanfeng Wu, Cynthia E. Dunbar, Janis L. Abkowitz, Vladimir N. Minin. Statistical inference in partially observed stochastic compartmental models with application to cell lineage tracking of in vivo hematopoiesis. arXiv:1610.07550 [stat.ME] (or arXiv:1610.07550v1 [stat.ME] for this version), @2016
- 1175.** Jason Xu. Likelihood-Based Inference for Partially Observed Multi-Type Markov Branching Processes. A dissertation submitted for the degree of Doctor of Philosophy, University of Washington, 2016, @2016
- 509. Popova E. D.** On the Unbounded Parametric Tolerable Solution Set. Numerical Algorithms, 69, 1, Springer, 2015, ISSN:1017-1398 (print) 1572-9265 (online), DOI:10.1007/s11075-014-9888-y, 169-182. ISI IF:1.366
- Цитира се в:*
- 1176.** Marzieh Dehghani-Madiseh, Mehdi Dehghan, Parametric AE-solution sets to the parametric linear systems with multiple right-hand sides and parametric matrix equation  $A(p)X = B(p)$ , Numerical Algorithms, 73(1):245-279, 2016., @2016
- 510. Kaloyanova K., Kanabar, V.** Assessing Mastery of Project Management Core Competency in an IT Project Management Course. 11th International Conference Computer Science and Education in Computer Science, CSECS 2015, 4 -7 June, 2015, Boston, USA, 2015, 19-25
- Цитира се в:*
- 1177.** Делинов, Е. Информатични подходи за повишаване на ефективността при разработване на проекти в сферата на обучението, Дисертация, ИМИ БАН, @2016
- 511. Andreescu, T, Georgiev, V., Mushkarov, O.** Napoleon polygons. American Mathematical Monthly, Vol. 122, No. 1(January 2015), 2015, DOI:http://dx.doi.org/10.4169/amer.math.monthly.122.01.24, ISI IF:0.315
- Цитира се в:*
- 1178.** S. Donisi, H. Martini, G. Vincenzi, G. Vitale, Polygons derived from polygons via iterated constructions, Differential Geometry-Dynamical Systems, vol. 18(2016), pp. 14 -31 ISSN 1454-511X, @2016
- 512. Aurzada, F., Kramm, T., Savov, M.** First passage times of Lévy processes over a one-sided moving boundary. Markov Processes and Related Fields, 21, 1, Polymat Ltd., 2015, 1-38. ISI IF:0.357
- Цитира се в:*
- 1179.** Denisov, D. and Wachtel, V. (2016) Exact asymptotics for the instant of crossing a curve boundary by an asymptotically stable random walk, Probab. Theory Appl., 60 No.3, 481--500, IF: 0.52, @2016
- 513. Roumyana Yordanova,** Thomas Haa, Douglas Swanson, Matt Larouche, Randy Glenna,. CbGRiTS: Cerebellar gene regulation in time and space. Developmental Biology, 397, 1, Elsevier, 2015, DOI:10.1016/j.ydbio.2014.09.032, 18-30. SJR:2.12
- Цитира се в:*
- 1180.** Mihalas, A. B., & Hevner, R. F. (2016). Control of Neuronal Development by T-Box Genes in the Brain. Current Topics in Developmental Biology., @2016
- 1181.** Takeuchi, M., Yamaguchi, S., Sakakibara, Y., Hayashi, T., Matsuda, K., Hara, Y., ... & Hibi, M. (2016). Gene expression profiling of granule cells and Purkinje cells in the zebrafish cerebellum.

**1182.** Hagan, Ronald D., Michael A. Langston, and Kai Wang. "Lower bounds on paraclique density." *Discrete Applied Mathematics* 204 (2016): 208-212., @2016

**514. Paneva-Marinova D., M. Goynov, D. Luchev, R. Pavlov.** Solution for Content Interoperability among Digital Libraries for Orthodox Artefacts and Knowledge. In: *CompSysTech &#039;15. Proceedings of the 16th International Conference on Computer Systems and Technologies*, ACM New York, NY, USA, 2015, ISBN:978-1-4503-3357-3, DOI:10.1145/2812428.2812474, 168-175

Цитирани работи:

**1183.** Valev, I., Digital Archive of Soldiers' Legacy of the Socialist Period, *Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage*, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 289-291, @2016

**1184.** Noev, N., G. Bogdanova, T.Todorov, Towards Better Presenting and Searching of Bells Knowledge, *Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage*, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 207-212, @2016

**515. Draganov L., D. Paneva-Marinova, L. Pavlova, D. Luchev, Z. Márkus, G. Szántó, T. Szkaliczki.** Technology-enhanced Learning for Cultural Heritage. In: *Proceedings of the Fifth International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage*, Veliko Tarnovo, Bulgaria, 5, 2015, ISSN:1314-4006, 293-302

Цитирани работи:

**1185.** Kovacheva, S.. Presentation of UNESCO Bulgarian Cultural Heritage Sites as Knowledge System in a Learning Environment. *Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage*, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 179-188, @2016

**1186.** Kovacheva, S., Dimitrova, L., Pezhgorski, K. E-learning Environment UNESCO Bulgarian Architectural Heritage Sites. *Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage*, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 191-198, @2016

**516. Valchev, T.** On Mikhailov's Reduction Group. *Physics Letters A*, 379, 34-35, Elsevier, 2015, ISSN:0375-9601, 1877-1880. SJR:0.662, ISI IF:1.683

Цитирани работи:

**1187.** V.S. Gerdjikov, G.G. Grahovski, R.I. Ivanov, On integrable wave interactions and Lax pairs on symmetric spaces, *Wave Motion*, <http://dx.doi.org/10.1016/j.wavemoti.2016.07.012>., @2016

**1188.** X. Huang, L. Ling, Soliton solutions for the nonlocal nonlinear Schrödinger equation, *The Eur. Phys. J. Plus*, 131: 148. doi:10.1140/epjp/i2016-16148-9., @2016

**517. Mariani J, Coppola G, Zhang P, Abyzov A, Provini L, Tomasini L, Amenduni M, Szekely A, Palejev D, Wilson M, Gerstein M, Grigorenko EL, Chawarska K, Pelphrey KA, Howe JR, Vaccarino FM.** FOXG1-Dependent Dysregulation of GABA/Glutamate Neuron Differentiation in Autism Spectrum Disorders. *Cell*, 162, 2, 2015, DOI:10.1016/j.cell.2015.06.034, 375-390. SJR:23.588, ISI IF:32.242

Цумура се е:

- 1189.** Handel, A.E., Chintawar, S., Lalic, T., Whiteley, E., Vowles, J., Giustacchini, A., Argoud, K., Sopp, P., Nakanishi, M., Bowden, R., Cowley, S., Newey, S., Akerman, C., Ponting, C.P., Cader, M.Z. Assessing similarity to primary tissue and cortical layer identity in induced pluripotent stem cell-derived cortical neurons through single-cell transcriptomics (2016) *Human Molecular Genetics*, 25 (5), pp. 989-1000. Cited 4 times. DOI: 10.1093/hmg/ddv637, @2016
- 1190.** Panchision, D.M. Concise review: Progress and challenges in using human stem cells for biological and therapeutics discovery: Neuropsychiatric disorders (2016) *Stem Cells*, 34 (3), pp. 523-536. Cited 1 time. DOI: 10.1002/stem.2295, @2016
- 1191.** Harrison, P.J., Cader, M.Z., Geddes, J.R. Reprogramming psychiatry: Stem cells and bipolar disorder (2016) *The Lancet*, 387 (10021), pp. 823-825. Cited 2 times. DOI: 10.1016/S0140-6736(16)00235-X, @2016
- 1192.** Fatehullah, A., Tan, S.H., Barker, N. Organoids as an in vitro model of human development and disease (2016) *Nature Cell Biology*, 18 (3), pp. 246-254. Cited 17 times. DOI: 10.1038/ncb3312, @2016
- 1193.** Sun, N., Tischfield, J.A., King, R.A., Heiman, G.A. Functional evaluations of genes disrupted in patients with Tourette's disorder (2016) *Frontiers in Psychiatry*, 7 (FEB), art. no. 11, . Cited 1 time. DOI: 10.3389/fpsy.2016.00011, @2016
- 1194.** Young-Pearse, T.L., Morrow, E.M. Modeling developmental neuropsychiatric disorders with iPSC technology: Challenges and opportunities (2016) *Current Opinion in Neurobiology*, 36, pp. 66-73. Cited 3 times. DOI: 10.1016/j.conb.2015.10.006, @2016
- 1195.** Matelski, L., Van de Water, J. Risk factors in autism: Thinking outside the brain (2016) *Journal of Autoimmunity*, 67, pp. 1-7. Cited 11 times. DOI: 10.1016/j.jaut.2015.11.003, @2016
- 1196.** Silver, D.L. Genomic divergence and brain evolution: How regulatory DNA influences development of the cerebral cortex (2016) *BioEssays*, 38 (2), pp. 162-171. Cited 1 time. DOI: 10.1002/bies.201500108, @2016
- 1197.** Wen, Z., Christian, K.M., Song, H., Ming, G.-L. Modeling psychiatric disorders with patient-derived iPSCs (2016) *Current Opinion in Neurobiology*, 36, pp. 118-127. Cited 3 times. DOI: 10.1016/j.conb.2015.11.003, @2016
- 1198.** Deleniv, S. The genetic battle of the sexes (2016) *Psychologist*, 29 (10), pp. 772-776., @2016
- 1199.** Mahla, R.S. Stem cells applications in regenerative medicine and disease therapeutics (2016) *International Journal of Cell Biology*, 2016, art. no. 6940283, . Cited 1 time. DOI: 10.1155/2016/6940283, @2016
- 1200.** Silbereis, J.C., Pochareddy, S., Zhu, Y., Li, M., Sestan, N. The Cellular and Molecular Landscapes of the Developing Human Central Nervous System (2016) *Neuron*, 89 (2), p. 268. Cited 6 times. DOI: 10.1016/j.neuron.2015.12.008, @2016
- 1201.** Young-Pearse, T.L., Morrow, E.M. Modeling developmental neuropsychiatric disorders with iPSC technology: Challenges and opportunities (2016) *Current Opinion in Neurobiology*, 36, pp. 66-73. DOI: 10.1016/j.conb.2015.10.006, @2016
- 1202.** Muffat, J., Li, Y., Jaenisch, R. CNS disease models with human pluripotent stem cells in the CRISPR age (2016) *Current Opinion in Cell Biology*, 43, pp. 96-103. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992166041&doi=10.1016%2fj.ceb.2016.10.001&partnerID=40&md5=f6e9ca4eab1b8e4035bff4a8f5a3bba2> DOI: 10.1016/j.ceb.2016.10.001, @2016
- 1203.** Schweiger, P.J., Jensen, K.B. Modeling human disease using organotypic cultures (2016) *Current*

Opinion in Cell Biology, 43, pp. 22-29. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84979518893&doi = 10.1016%2fj.ceb.2016.07.003&partnerID = 40&md5 = d7659244ac52459863e19c06b7c42772> DOI: 10.1016/j.ceb.2016.07.003, @2016

- 1204.** Tucci, A., Ciaccio, C., Scuvera, G., Esposito, S., Milani, D. MIR137 is the key gene mediator of the syndromic obesity phenotype of patients with 1p21.3 microdeletions (2016) *Molecular Cytogenetics*, 9 (1), pp. 1-5. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84993969551&doi = 10.1186%2fs13039-016-0289-x&partnerID = 40&md5 = 16ede8b6b27e7ff9d82189f2f092af6d> DOI: 10.1186/s13039-016-0289-x, @2016
- 1205.** Munro, K.M., Nash, A., Pignoni, M., Lichtenthaler, S.F., Gunnensen, J.M. Functions of the Alzheimer's Disease Protease BACE1 at the Synapse in the Central Nervous System (2016) *Journal of Molecular Neuroscience*, 60 (3), pp. 305-315. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84979539092&doi = 10.1007%2fs12031-016-0800-1&partnerID = 40&md5 = fded40f393a0a54d9893bff349d5cf31> DOI: 10.1007/s12031-016-0800-1, @2016
- 1206.** Quadrato, G., Brown, J., Arlotta, P. The promises and challenges of human brain organoids as models of neuropsychiatric disease (2016) *Nature Medicine*, 22 (11), pp. 1220-1228. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84992426980&doi = 10.1038%2fnn.4214&partnerID = 40&md5 = 0ca0ee589c155a9e27afe8aa31e77eb5> DOI: 10.1038/nm.4214, @2016
- 1207.** Sztainberg, Y., Zoghbi, H.Y. Lessons learned from studying syndromic autism spectrum disorders (2016) *Nature Neuroscience*, 19 (11), pp. 1408-1418. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84994168985&doi = 10.1038%2fnn.4420&partnerID = 40&md5 = 65ab73a3e261e3aac9a5f4e37b26f43c> DOI: 10.1038/nn.4420, @2016
- 1208.** Gandal, M.J., Leppa, V., Won, H., Parikshak, N.N., Geschwind, D.H. The road to precision psychiatry: Translating genetics into disease mechanisms (2016) *Nature Neuroscience*, 19 (11), pp. 1397-1407. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84994130171&doi = 10.1038%2fnn.4409&partnerID = 40&md5 = c7a8489f2de821d0a49904078aa178d3> DOI: 10.1038/nn.4409, @2016
- 1209.** Mason, J.O., Price, D.J. Building brains in a dish: Prospects for growing cerebral organoids from stem cells (2016) *Neuroscience*, 334, pp. 105-118. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84983056952&doi = 10.1016%2fj.neuroscience.2016.07.048&partnerID = 40&md5 = 5d87bc3490c3c4ed14e2f0e7b9e8a5ce> DOI: 10.1016/j.neuroscience.2016.07.048, @2016
- 1210.** Chamberlain, S.J. Disease modelling using human iPSCs (2016) *Human Molecular Genetics*, 25 (R2), pp. R173-R181. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84994107268&doi = 10.1093%2fhmg%2fddw209&partnerID = 40&md5 = 60df7f82b33a250e7909c52043efd904> DOI: 10.1093/hmg/ddw209, @2016
- 1211.** Beversdorf, D.Q. Phenotyping, etiological factors, and biomarkers: Toward precision medicine in autism spectrum disorders (2016) *Journal of Developmental and Behavioral Pediatrics*, 37 (8), pp. 659-673. <https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84991247085&doi = 10.1097%2fDBP.0000000000000351&partnerID = 40&md5 = 68fc7f6ac552803f12f02ca91ae74fd9> DOI: 10.1097/DBP.0000000000000351, @2016
- 1212.** Mora-Bermúdez, F., Badsha, F., Kanton, S., Camp, J.G., Vernot, B., Köhler, K., Voigt, B., Okita, K., Maricic, T., He, Z., Lachmann, R., Pääbo, S., Treutlein, B., Huttner, W.B., Musacchio, A. Differences and similarities between human and chimpanzee neural progenitors during cerebral cortex development (2016) *eLife*, 5 (September2016), art. no. e18683, . DOI: 10.7554/eLife.18683, @2016
- 1213.** Yan, Y., Bejoy, J., Xia, J., Guan, J., Zhou, Y., Li, Y. Neural patterning of human induced

- pluripotent stem cells in 3-D cultures for studying biomolecule-directed differential cellular responses (2016) *Acta Biomaterialia*, 42, pp. 114-126. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84983233432&doi = 10.1016%2fj.actbio.2016.06.027&partnerID = 40&md5 = 4940056011dfc63d01ff07390700edd2](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983233432&doi=10.1016%2fj.actbio.2016.06.027&partnerID=40&md5=4940056011dfc63d01ff07390700edd2) DOI: 10.1016/j.actbio.2016.06.027, @2016
- 1214.** Falk, A., Heine, V.M., Harwood, A.J., Sullivan, P.F., Peitz, M., Brüstle, O., Shen, S., Sun, Y.-M., Glover, J.C., Posthuma, D., Djurovic, S. Modeling psychiatric disorders: From genomic findings to cellular phenotypes (2016) *Molecular Psychiatry*, 21 (9), pp. 1167-1179. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84973129416&doi = 10.1038%2fmp.2016.89&partnerID = 40&md5 = 7d967a7c8a84b0c174e8be26cea9d2a0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973129416&doi=10.1038%2fmp.2016.89&partnerID=40&md5=7d967a7c8a84b0c174e8be26cea9d2a0) DOI: 10.1038/mp.2016.89, @2016
- 1215.** Joffe, A.R., Bara, M., Anton, N., Nobis, N. Expectations for the methodology and translation of animal research: A survey of the general public, medical students and animal researchers in North America (2016) *ATLA Alternatives to Laboratory Animals*, 44 (4), pp. 361-381. Cited 1 time. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84991245790&partnerID = 40&md5 = c1e2ef95c6944eed1ff21a5f73f3b5ed](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991245790&partnerID=40&md5=c1e2ef95c6944eed1ff21a5f73f3b5ed) DOCUMENT TYPE: Review, @2016
- 1216.** Dang, J., Tiwari, S.K., Lichinchi, G., Qin, Y., Patil, V.S., Eroshkin, A.M., Rana, T.M. Zika Virus Depletes Neural Progenitors in Human Cerebral Organoids through Activation of the Innate Immune Receptor TLR3 (2016) *Cell Stem Cell*, 19 (2), pp. 258-265. Cited 27 times. [https://www.scopus.com/inward/record.uri?eid = 2-s2.0-84971557656&doi = 10.1016%2fj.stem.2016.04.014&partnerID = 40&md5 = 538cf69e22dd872f03576a157b517418](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971557656&doi=10.1016%2fj.stem.2016.04.014&partnerID=40&md5=538cf69e22dd872f03576a157b517418) DOI: 10.1016/j.stem.2016.04.014, @2016
- 1217.** Jo, J., Xiao, Y., Sun, A.X., Cukuroglu, E., Tran, H.-D., Göke, J., Tan, Z.Y., Saw, T.Y., Tan, C.-P., Lokman, H., Lee, Y., Kim, D., Ko, H.S., Kim, S.-O., Park, J.H., Cho, N.-J., Hyde, T.M., Kleinman, J.E., Shin, J.H., Weinberger, D.R., Tan, E.K., Je, H.S., Ng, H.-H. Midbrain-like Organoids from Human Pluripotent Stem Cells Contain Functional Dopaminergic and Neuromelanin-Producing Neurons (2016) *Cell Stem Cell*, 19 (2), pp. 248-257. Cited 4 times. DOI: 10.1016/j.stem.2016.07.005, @2016
- 1218.** Chiocchetti, A.G., Haslinger, D., Stein, J.L., De La Torre-Ubieta, L., Cocchi, E., Rothämel, T., Lindlar, S., Waltes, R., Fulda, S., Geschwind, D.H., Freitag, C.M. Transcriptomic signatures of neuronal differentiation and their association with risk genes for autism spectrum and related neuropsychiatric disorders (2016) *Translational Psychiatry*, 6 (8), art. no. e864, . DOI: 10.1038/tp.2016.119, @2016
- 1219.** Scudellari, M. The genes underlying autism are coming into focus: As researchers sequence the DNA of thousands of kids with autism, dozens of genetic subgroups are emerging (2016) *Scientist*, 30 (8), ., @2016
- 1220.** Coetzee, S.G., Pierce, S., Brundin, P., Brundin, L., Hazelett, D.J., Coetzee, G.A. Enrichment of risk SNPs in regulatory regions implicate diverse tissues in Parkinson's disease etiology (2016) *Scientific Reports*, 6, art. no. 30509, . DOI: 10.1038/srep30509, @2016
- 1221.** Wu, J., Izpisua Belmonte, J.C. Stem Cells: A Renaissance in Human Biology Research (2016) *Cell*, 165 (7), pp. 1572-1585. Cited 1 time. DOI: 10.1016/j.cell.2016.05.043, @2016
- 1222.** Rigamonti, A., Repetti, G.G., Sun, C., Price, F.D., Reny, D.C., Rapino, F., Weisinger, K., Benkler, C., Peterson, Q.P., Davidow, L.S., Hansson, E.M., Rubin, L.L. Large-scale production of mature neurons from human pluripotent stem cells in a three-dimensional suspension culture system (2016) *Stem Cell Reports*, 6 (6), pp. 993-1008. Cited 1 time. DOI: 10.1016/j.stemcr.2016.05.010, @2016
- 1223.** Boggio, E.M., Pancrazi, L., Gennaro, M., Lo Rizzo, C., Mari, F., Meloni, I., Ariani, F., Panighini, A., Novelli, E., Biagioni, M., Strettoi, E., Hayek, J., Rufa, A., Pizzorusso, T., Renieri, A., Costa,

- M. Visual impairment in FOXP1-mutated individuals and mice (2016) *Neuroscience*, 324, pp. 496-508. DOI: 10.1016/j.neuroscience.2016.03.027, @2016
- 1224.** Kelava, I., Lancaster, M.A. Stem Cell Models of Human Brain Development (2016) *Cell Stem Cell*, 18 (6), pp. 736-748. Cited 8 times. DOI: 10.1016/j.stem.2016.05.022, @2016
- 1225.** Korecka, J.A., Levy, S., Isacson, O. In vivo modeling of neuronal function, axonal impairment and connectivity in neurodegenerative and neuropsychiatric disorders using induced pluripotent stem cells (2016) *Molecular and Cellular Neuroscience*, 73, pp. 3-12. Cited 1 time. DOI: 10.1016/j.mcn.2015.12.004, @2016
- 1226.** Jackson, E.L., Lu, H. Three-dimensional models for studying development and disease: Moving on from organisms to organs-on-a-chip and organoids (2016) *Integrative Biology (United Kingdom)*, 8 (6), pp. 672-683. Cited 2 times. DOI: 10.1039/c6ib00039h, @2016
- 1227.** Habela, C.W., Song, H., Ming, G.-L. Modeling synaptogenesis in schizophrenia and autism using human iPSC derived neurons (2016) *Molecular and Cellular Neuroscience*, 73, pp. 52-62. Cited 2 times. DOI: 10.1016/j.mcn.2015.12.002, @2016
- 1228.** Ben-Reuven, L., Reiner, O. Modeling the autistic cell: iPSCs recapitulate developmental principles of syndromic and nonsyndromic ASD (2016) *Development Growth and Differentiation*, 58 (5), pp. 481-491. Cited 1 time. DOI: 10.1111/dgd.12280, @2016
- 1229.** Lin, M., Lachman, H.M., Zheng, D. Transcriptomics analysis of iPSC-derived neurons and modeling of neuropsychiatric disorders (2016) *Molecular and Cellular Neuroscience*, 73, pp. 32-42. Cited 2 times. DOI: 10.1016/j.mcn.2015.11.009, @2016
- 1230.** O'Shea, K.S., McInnis, M.G. Neurodevelopmental origins of bipolar disorder: iPSC models (2016) *Molecular and Cellular Neuroscience*, 73, pp. 63-83. Cited 5 times. DOI: 10.1016/j.mcn.2015.11.006, @2016
- 1231.** Qian, X., Nguyen, H.N., Song, M.M., Hadiono, C., Ogden, S.C., Hammack, C., Yao, B., Hamersky, G.R., Jacob, F., Zhong, C., Yoon, K.-J., Jeang, W., Lin, L., Li, Y., Thakor, J., Berg, D.A., Zhang, C., Kang, E., Chickering, M., Nauen, D., Ho, C.-Y., Wen, Z., Christian, K.M., Shi, P.-Y., Maher, B.J., Wu, H., Jin, P., Tang, H., Song, H., Ming, G.-L. Brain-Region-Specific Organoids Using Mini-bioreactors for Modeling ZIKV Exposure (2016) *Cell*, 165 (5), pp. 1238-1254. DOI: 10.1016/j.cell.2016.04.032, @2016
- 1232.** Shen, H.H. Better models for brain disease (2016) *Proceedings of the National Academy of Sciences of the United States of America*, 113 (20), pp. 5461-5464. DOI: 10.1073/pnas.1605358113, @2016
- 1233.** Nestor, M.W., Phillips, A.W., Artimovich, E., Nestor, J.E., Hussman, J.P., Blatt, G.J. Human Inducible Pluripotent Stem Cells and Autism Spectrum Disorder: Emerging Technologies (2016) *Autism Research*, 9 (5), pp. 513-535. Cited 2 times. DOI: 10.1002/aur.1570, @2016
- 1234.** Packer, A. Neocortical neurogenesis and the etiology of autism spectrum disorder (2016) *Neuroscience and Biobehavioral Reviews*, 64, pp. 185-195. DOI: 10.1016/j.neubiorev.2016.03.002, @2016
- 1235.** Gabriel, E., Wason, A., Ramani, A., Gooi, L.M., Keller, P., Pozniakovsky, A., Poser, I., Noack, F., Telugu, N.S., Calegari, F., Šaric, T., Hescheler, J., Hyman, A.A., Gottardo, M., Callaini, G., Alkuraya, F.S., Gopalakrishnan, J. CPAP promotes timely cilium disassembly to maintain neural progenitor pool (2016) *EMBO Journal*, 35 (8), pp. 803-819. Cited 1 time. DOI: 10.15252/embj.201593679, @2016
- 1236.** De La Torre-Ubieta, L., Won, H., Stein, J.L., Geschwind, D.H. Advancing the understanding of autism disease mechanisms through genetics (2016) *Nature Medicine*, 22 (4), pp. 345-361. Cited 12 times. DOI: 10.1038/nm.4071, @2016

- 1237.** Zhang, Z.-N., Freitas, B.C., Qian, H., Lux, J., Acab, A., Trujillo, C.A., Herai, R.H., Huu, V.A.N., Wen, J.H., Joshi-Barr, S., Karpiak, J.V., Engler, A.J., Fu, X.-D., Muotri, A.R., Almutairi, A. Layered hydrogels accelerate iPSC-derived neuronal maturation and reveal migration defects caused by MeCP2 dysfunction (2016) *Proceedings of the National Academy of Sciences of the United States of America*, 113 (12), pp. 3185-3190. Cited 3 times. DOI: 10.1073/pnas.1521255113, @2016
- 1238.** Humann, J., Mann, B., Gao, G., Moresco, P., Ramahi, J., Loh, L.N., Farr, A., Hu, Y., Durick-Eder, K., Fillon, S.A., Smeyne, R.J., Tuomanen, E.I. Bacterial Peptidoglycan Transverses the Placenta to Induce Fetal Neuroproliferation and Aberrant Postnatal Behavior (2016) *Cell Host and Microbe*, 19 (3), pp. 388-399. Cited 2 times. DOI: 10.1016/j.chom.2016.02.009, @2016
- 1239.** Callahan, S.J., Mica, Y., Studer, L. Feeder-free derivation of melanocytes from human pluripotent stem cells (2016) *Journal of Visualized Experiments*, 2016 (109), art. no. e53806, . DOI: 10.3791/53806, @2016
- 1240.** Passier, R., Orlova, V., Mummery, C. Complex Tissue and Disease Modeling using hiPSCs (2016) *Cell Stem Cell*, 18 (3), pp. 309-321. Cited 5 times. DOI: 10.1016/j.stem.2016.02.011, @2016
- 1241.** Chen, X., Zhang, K., Zhou, L., Gao, X., Wang, J., Yao, Y., He, F., Luo, Y., Yu, Y., Li, S., Cheng, L., Sun, Y.E. Coupled electrophysiological recording and single cell transcriptome analyses revealed molecular mechanisms underlying neuronal maturation (2016) *Protein and Cell*, 7 (3), pp. 175-186. DOI: 10.1007/s13238-016-0247-8, @2016

---

## 2016

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- 518. Borislav Yordanov**, Grozdena Todorova, Petronela Radu. The Generalized Diffusion Phenomenon and Applications. *SIAM Journal of Mathematical Analysis (SIMA)*, SIAM, 2016, SJR:1.99

Цитира се в:

- 1242.** Royer, Julien. "Local energy decay and diffusive phenomenon in a dissipative wave guide." *arXiv preprint arXiv:1601.05299* (2016)., @2016
- 1243.** Ikeda, Masahiro, Takahisa Inui, and Yuta Wakasugi. "The Cauchy problem for the nonlinear damped wave equation with slowly decaying data." *arXiv preprint arXiv:1605.04616* (2016)., @2016
- 1244.** Sobajima, Motohiro, and Yuta Wakasugi. "Diffusion phenomena for the wave equation with space-dependent damping in an exterior domain." *arXiv preprint arXiv:1602.04318* (2016)., @2016

- 519. Nikolov N, P. J. Thomas, D.-A. Tran.** Lifting maps from the symmetrized polydisc in small dimensions. *Complex Anal. Oper. Theory*, 10, 5, 2016, ISSN:1661-8254 (p) 1661-8262 (e), DOI:10.1007/s11785-015-0495-2, 921-941. ISI IF:0.663

Цитира се в:

- 1245.** R. B. Andrist, Lifting to the spectral ball with interpolation, *J. Math. Anal. Appl.* 435 (2016), 315-320., @2016

- 520. Kyurkchiev, N.** A note on the new geometric representation for the parameters in the fibril elongation process. *C. R. Acad. Bulg. Sci.*, 69, 8, 2016, ISSN:1310-1331, 963-972. ISI IF:0.233

Цитира се в:



- 1246.** S. Markov, Building reaction kinetic models for amiloid fibril growth, BIOMATH, 5 (1), 2016; <http://dx.dpi.org/10.11145/j.biomath.2016.07.311>, @2016
- 521. Raikov, G.** Discrete spectrum for Schrödinger operators with oscillating decaying potentials. Journal of Mathematical Analysis and Applications, 438, 2, Elsevier, 2016, ISSN:0022-247X, 551-564. ISI IF:1.014  
*Цитирана се е:*
- 1247.** M. Dimassi, Semi-classical asymptotics for Schrödinger operator with oscillating decaying potential, Canad. Math. Bull. 59 (2016), 734-747., @2016
- 522. Ganchev, G., Milousheva, V.** Meridian Surfaces of Elliptic or Hyperbolic Type in the Four-dimensional Minkowski Space. Math. Commun., 21, 1, 2016, ISSN:1331-0623, 1-21. ISI IF:0.284  
*Цитирана се е:*
- 1248.** N. Turgay, Lorentzian Submanifolds in Semi-Euclidean Spaces with Pointwise 1-type Gauss map, In: Geometry, Integrability and Quantization, I. Mladenov, G. Meng and A. Yoshioka (Eds), Avangard Prima, 2016, 344-359, doi: 10.7546/giq-17-2016-344-359., @2016
- 523. Dalakov, P.** Meromorphic Higgs bundles and related geometries. Journal of Geometry and Physics, 109, Elsevier, 2016, DOI:10.1016/j.geomphys.2016.01.005, 44-67. ISI IF:0.752  
*Цитирана се е:*
- 1249.** "Hitchin and Calabi-Yau integrable systems, Florian Beck, PhD thesis, Albert-Luedwigs-Universitaet, Freiburg am Breisgau, @2016
- 524. Nikolov N, P. J. Thomas, M. Trybula.** Gromov (non)hyperbolicity of certain domains in  $C^2$ . Forum Math., 28, 4, 2016, ISSN:0933-7741 (p) 1435-5337 (e), DOI:10.1515/forum-2014-0113, 783-794. ISI IF:0.823  
*Цитирана се е:*
- 1250.** A. M. Zimmer, Gromov hyperbolicity and the Kobayashi metric on convex domains of finite type, Math. Ann. 365 (2016), 1425-1498., @2016
- 525. Davidov J.** Normality of the twistor space of a 5-manifold with an irreducible  $SO(3)$ -structure. Mediterranean Journal of Mathematics, 13, 1, Springer, 2016, ISSN:1660-5446, DOI:10.1007/s00009-014-0477-z, 413-442. ISI IF:0.599  
*Цитирана се е:*
- 1251.** Z.Kasap. Hamilton equations on a contact 5-manifold, Elixir Adv.Math. 92 (2016), 38743-38748., @2016
- 526. Arslan, K., Milousheva, V.** Meridian surfaces of elliptic or hyperbolic type with pointwise 1-type Gauss map in Minkowski 4-space. Taiwanese Journal of Mathematics, 20, 2, 2016, ISSN:1027-5487, DOI:10.11650/tjm.19.2015.5722, 311-332. ISI IF:0.621  
*Цитирана се е:*
- 1252.** N. Turgay, Lorentzian Submanifolds in Semi-Euclidean Spaces with Pointwise 1-type Gauss map, In: Geometry, Integrability and Quantization, I. Mladenov, G. Meng and A. Yoshioka (Eds), Avangard Prima, 2016, 344-359, doi: 10.7546/giq-17-2016-344-359., @2016
- 527. RK Yordanova, Putman AH, Wolen AR, Harenza J, Chesler EJ, Miles MF.** Identification of

Quantitative Trait Loci and Candidate Genes for an Anxiolytic-like Response to Ethanol in BXD Recombinant Inbred Strains.. Genes Brain Behav., Mar 7, gbb.12289, 2016, DOI:10.1111, SJR:1.73

Цумура се в:

- 1253.** Lopez, Marcelo F., et al. "Variable effects of chronic intermittent ethanol exposure on ethanol drinking in a genetically diverse mouse cohort." Alcohol (2016)., @2016
- 1254.** van der Vaart, Andrew D., et al. "The allostatic impact of chronic ethanol on gene expression: A genetic analysis of chronic intermittent ethanol treatment in the BXD cohort." Alcohol (2016)., @2016
- 1255.** Porcu P, O'Buckley TK, Lopez MF, Becker HC, Miles MF, Williams RW, Morrow AL. Initial genetic dissection of serum neuroactive steroids following chronic intermittent ethanol across BXD mouse strains. Alcohol. 2016 Nov 10., @2016

- 528. Valchev, T I.** Dressing Method and Quadratic Bundles Related to Symmetric Spaces. Vanishing Boundary Conditions. Journal of Mathematical Physics, 57, AIP Publishing, 2016, ISSN:0022-2488, DOI:10.1063/1.4940996, 021508-1-021508-14. ISI IF:1.243

Цумура се в:

- 1256.** V.S. Gerdjikov, G.G. Grahovski, R.I. Ivanov, On integrable wave interactions and Lax pairs on symmetric spaces, Wave Motion, <http://dx.doi.org/10.1016/j.wavemoti.2016.07.012>., @2016

- 529. Dutsova, R.** Digital Presentation of Bulgarian Language Heritage - Tools and Web-applications. Proceedings of the Sixth UNESCO International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 26-28, 2016, 6, Institute of Mathematics and Informatics-BAS, 2016, ISSN:1314-4006, 161-168

Цумура се в:

- 1257.** Stefka Kovacheva, Ludmila Dimitrova, Kalin Pezhgorski (2016). E-learning environment UNESCO Bulgarian Architectural Heritage Sites. In Proceedings of the International Conference "Digital Presentation and Preservation of Cultural and Scientific Heritage", Vol. 6, 191-198. ISSN 1314-4006, @2016

- 530. Boyvalenkov P., D. Hardin, P. Dragnev, E. Saff, M. Stoyanova.** Universal lower bounds for potential energy of spherical codes. Constructive Approximation, 44, 3, Springer US, 2016, ISSN:0176-4276 (Print) 1432-0940 (Online), DOI:10.1007/s00365-016-9327-5, 385-415. SJR:1.029, ISI IF:1.346

Цумура се в:

- 1258.** H. Cohn, M. de Courcy-Ireland, The Gaussian core model in high dimensions, arXiv:1603.09684 (31.03.2016), @2016

- 1259.** The Phase Transition in Five Point Energy Minimization, R. E. Schwartz, @2016

- 531. Todorov T., G. Bogdanova, N.Noev.** Information Management: Database Design for a Cultural Artifact Repository. In chapter "Information Management" of "Encyclopedia of Information Systems and Technology", Two Volume Set, 1-2, Taylor & Francis Inc, 2016, ISSN:978-1466560772

Цумура се в:

- 1260.** Iliya Valev, Digital Archive of Soldiers' Legacy of the Socialist Period. Digital Presentation and Preservation of Cultural and Scientific Heritage VI:289-292 (2016), @2016

- 1261.** Elena Shatko, Church bells of XIV-XIX centuries: the cultural-historical heritage of the Western

- 532. Nikolov N, M. Trybula, L. Andreev.** Boundary behavior of invariant functions on planar domains. Complex Var. Elliptic Equ., 61, 8, 2016, ISSN:1747-6933 (p) 1747-6941 (e), DOI:10.1080/17476933.2015.1136823, 1064-1072. ISI IF:0.466

Цитупа се в:

- 1262.** K. Diederich, J. E. Fornæss, E. F. Wold, A characterization of the ball in  $C^n$ , Int. J. Math. 27:9 (2016), 1650078, 5 p., @2016

- 533. Gavrilov, Lubomir, Iliya D. Iliev.** Cubic perturbations of elliptic Hamiltonian vector fields of degree three. J Differential Equations, 260, 5, Elsevier, 2016, ISSN:0022-0396, DOI:10.1016/j.jde.2015.10.052, 3963-3990. ISI IF:1.821

Цитупа се в:

- 1263.** Ameni Gargouri, On the perturbations theory of the Duffing oscillator in a complex domain, Ph.D. Thesis (10 December 2015), Faculty of Sciences, Sfax University, Tunisia, and Institut de Mathématiques de Toulouse, Paul Sabatier University, France (2016), 92 pp., @2016

- 534. Drensky, V., Koshlukov, P., Machado, G. G..** GK-dimension of the Lie algebra of generic  $2 \times 2$  matrices. Publicationes Mathematicae-Debrecen, 89, 1-2, 2016, ISSN:print: ISSN 0033 - 3883, online: ISSN 2064 - 2849, 125-135. ISI IF:0.503

Цитупа се в:

- 1264.** L. Centrone, M. da Silva Souza, On the growth of graded polynomial identities of  $sl_n$ , Linear and Multilinear Algebra, Published online: 29 June 2016, <http://dx.doi.org/10.1080/03081087.2016.1202185>., @2016

---

## 2017

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- 535. Nikolov N, L. Andreev.** Estimates of the Kobayashi and quasi-hyperbolic distances. Ann. Mat. Pura Appl., 196, 1, 2017, ISSN:0373-3114 (p) 1618-1891 (e), DOI:10.1007/s10231-016-0561-z, 43-50. ISI IF:0.861

Цитупа се в:

- 1265.** O. Dovgoshey, P. Hariri, M. Vuorinen, Comparison theorems for hyperbolic type metrics, Complex Var. Elliptic Equ. 61 (2016), 1464-1480., @2016

- 1266.** K. Diederich, J. E. Fornæss, E. F. Wold, A characterization of the ball in  $C^n$ , Int. J. Math. 27:9 (2016), 1650078, 5 p., @2016