

ПРИЛОЖЕНИЕ 2. СПИСЪК НА ЦИТИРАНИЯТА

1971

1. **Markov, S.**, Bl. Sendov, On the numerical evaluation of a class of polynomials of best approximation, *Ann. Univ., Sofia, Fac. Math.* 61, **1971**, 17-27

цитирана в:

1. Kyurkchiev, N., A. Andreev, Approximation and Antenna and Filters synthesis. Some Moduli in Programming Environment MATHEMATICA, LAP LAMBERT Academic Publishing, Saarbrucken, 2014, ISBN: 978-3-659-53322-8.

1974

2. Dimovski I., On a Bessel type integral transform due to N. Obrechhoff // *C. R. Acad. Bulg. Sci.*, 27, No 1 (**1974**), pp. 23-26. ISSN 1310–1331

цитирана в:

2. Kiryakova, V., From the hyper-Bessel operators of Dimovski, to the generalized fractional calculus, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 977–1000, ISSN:1311-0454, 1314-2224

3. **Drenski, V. S.**: Identities in Lie algebras (Russian), *Algebra i Logika* 13 (1974), 265-290. ISSN 0373-9252. Translation: *Algebra and Logic* 13 (**1974**), 150-165. ISSN 0002-5232, 1573-8302.

цитирана в:

3. S. M. Ratseev: Numerical characteristics of some varieties of linear algebras (Russian), Ph. D. Thesis, Univ. of Ulyanovask, 2014.

1975

4. **Dimovski I.**, Foundations of operational calculi for the Bessel-type differential operators, *Serdica (Bulg. Math. J.)*, 1 (**1975**), pp. 51-63. ISSN 1310-6600

цитирана в:

4. Kiryakova, V., From the hyper-Bessel operators of Dimovski, to the generalized fractional calculus, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 977–1000, ISSN:1311-0454, 1314-2224

1976

5. **NM Yanev.** Conditions for degeneracy of φ -branching processes with random φ . *Theory of Probability & Its Applications*, 1976 – SIAM.

цитирана в:

5. M Molina, M Mota, A Ramos. Stochastic modeling in biological populations with sexual reproduction through branching models. Application to Coho salmon populations. Mathematical Biosciences, 2014 – Elsevier.

1977

6. Davidov J., The Representative Domain of a Complex Manifold and the Lu-Qi-Keng Conjecture // *Comp. Rend. Acad. Bulg. Sci.* 30, no. 1 (1977), 13-16

цитирана в:

6. S. Berceanu, Bergman representative coordinates in the Siegel-Jacobi disk, arXiv:1409.0368 v1 [math.DG] 1 Sep 2014.

7. **Markov, S.** A non-standard subtraction of intervals, *Serdica Math. J.*,3, (1977) pp. 359-370

цитирана в:

7. Stefanini, L., Bede, B. Generalized fuzzy differentiability with LU-parametric representation, *Fuzzy Sets and Systems* , 257, (2014), pp. 184 – 203.
8. M.L., Magni, C.A., Stefanini, L., Interval and fuzzy Average Internal Rate of Return for investment appraisal, *Fuzzy Sets and Systems* , (2014), 257 pp. 217 – 241.

8. **Markov, S.**, Extended interval arithmetic, *C. R. Acad. Bulgare Sci.*,30(9),(1977)pp. 1239-1242

цитирана в:

9. Stefanini, L., Bede, B. Generalized fuzzy differentiability with LU-parametric representation, *Fuzzy Sets and Systems* , 257, (2014), pp. 184 – 203
10. M.L., Magni, C.A., Stefanini, L., Interval and fuzzy Average Internal Rate of Return for investment appraisal, *Fuzzy Sets and Systems*, 257 (2014), pp. 217 – 241

1978

9. **Petrushev, P.**, Tashev, S., Converse theorems in Hausdorff metric, *Colloq. Math. Soc. Janos Bolyai*, 19. Fourier analysis and approximation theory (Proc. Colloq., Budapest, Hungary, 1976, eds. G. Alexits, P. Turan) North-Holland, Amsterdam), 1978, pp.624-631.

цитирана в:

11. Kyurkchiev, N., A. Andreev, Approximation and Antenna and Filters synthesis. Some Moduli in Programming Environment MATHEMATICA, LAP LAMBERT Academic Publishing, Saarbrucken, 2014, ISBN: 978-3-659-53322-8.

1979

10. **Markov, S.** Calculus for interval functions of a real variable, *Computing*, 22(4), (1979),pp. 325-337, doi: 10.1007/BF02265313

цитирана в:

12. Chalco-Cano, Y., Lodwick, W.A., Bede, B., Single level constraint interval arithmetic, *Fuzzy Sets and Systems*, 257 (2014), pp. 146 – 168
13. Stefanini, L., Bede, B. Generalized fuzzy differentiability with LU-parametric representation, *Fuzzy Sets and Systems*, 257, (2014), pp. 184 – 203

1981

11. **Drenski, V. S.:** Representations of the symmetric group and varieties of linear algebras (Russian), *Matem. Sb.* 115 (1981), 98-115. ISSN 0025-5734. Translation: *Math. USSR Sb.* 43 (1981), 85-101 (1982).

цитирана в:

14. Yasumura, F. Y.: *Identidades polinomiais em álgebras de matrizes*, M. Sci. Thesis, University of Campinas, 2014.

12. **Drenski, V. S.:** A minimal basis for the identities of a second-order matrix algebra over a field of characteristic 0 (Russian), *Algebra i Logika* 20 (1981), 282-290. ISSN 0373-9252. Translation: *Algebra and Logic* 20 (1981), 188-194 (1982). . ISSN 0002-5232, 1573-8302.

цитирана в:

15. Machado, G. G. , P. Koshlukov: GK dimension of the relatively free algebra for sl_2 , *Monatshefte für Mathematik* 175 (2014), No. 4, 543-553. ISSN 0026-9255, 1436-5081.
16. Gonçalves Fonseca, L.F.: Graded polynomial identities and central polynomials of matrices over an infinite integral domain, *Rendiconti del Circolo Matematico di Palermo* 63 (2014), No. 3, 371-387. ISSN 0009-725X, 1973-4409.
17. Bremner, M.R., S. Madariaga, L.A. Peresi: Structure theory for the group algebra of the symmetric group, with applications to polynomial identities for the octonions, arXiv: 1407.3810v1 [math.RA].
18. Yasumura, F. Y.: *Identidades polinomiais em álgebras de matrizes*, M. Sci. Thesis, University of Campinas, 2014.
19. Carvalho, G. S.: *Identidades Graduadas e o Produto Tensorial de Álgebras*, M. Sci. Thesis, Univ. of Brasilia, 2014.

1982

13. **Drenski, V. S.:** Lattices of varieties of associative algebras (Russian), *Serdica* 8 (1982), 20-31. ISSN 1310-6600.

цитирана в:

20. Giambruno, A., D. La Mattina, M. Zaicev: Classifying the minimal varieties of polynomial growth, *Canad. J. Math.* 66 (2014), No. 3, 625-640. ISSN 0008-414X, 1496-4279.

14. **Павлов, Р.** Математическа лингвистика. София, Народна просвета, 1982.

цитирана в:

21. Йорджев, К. Побитови операции и комбинаторни алгоритмис бинарни матрици, множества и графи. Дисертация за присъждане на научната степен „доктор на науките“. СУ-ФМИ, София, 2014.

15. **Павлов, Р.**, С. Радев, С. Щраков. Математически основи на информатиката. ЮЗУ „Неофит Рилски“, Благоевград, **1982**.

цитирана в:

22. Йорджев, К. Побитови операции и комбинаторни алгоритмис бинарни матрици, множества и графи. Дисертация за присъждане на научната степен „доктор на науките“. СУ-ФМИ, София, 2014.

1983

16. **Drensky, V.**: A. Kasparian: Polynomial identities of eighth degree for 3×3 matrices, *Annuaire de l'Univ. de Sofia, Fac. de Math. et Mecan.*, Livre 1, Math. 77 (**1983**), 175-195. ISSN 0205-0811.

цитирана в:

23. Bremner, M.R., S. Madariaga, L.A. Peresi: Structure theory for the group algebra of the symmetric group, with applications to polynomial identities for the octonions, arXiv: 1407.3810v1 [math.RA].

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

цитирана в:

24. Петкова, М., Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременно апроксимиране на нули на полином, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.
25. Noraini Jamaludin, Mansor Monsi, Hasruddin Hassan, On the convergence rate of modified interval symmetric single-step procedure iss2-5d for the simultaneous inclusion of polynomial zeros, *sains malaysiana*, 43 (7), 2014, 1101-1104.

18. **N. Kyurkchiev, S. Markov**, A two-sided analogue of a method of a A.W. Nourein for solving an algebraic equation with practically guaranteed accuracy, *Ann. Univ. Sofia, Fac. Math. Mec.* Vol. 77, **1983**, 3-10.

цитирана в:

26. Noraini Jamaludin, Mansor Monsi, Hasruddin Hassan, ON THE CONVERGENCE RATE OF MODIFIED INTERVAL SYMMETRIC SINGLE-STEP PROCEDURE ISS2-5D FOR THE SIMULTANEOUS INCLUSION OF POLYNOMIAL ZEROS, *SAINS MALAYSIANA*, 43 (7), 2014, 1101-1104.

19. P.Popivanov. A link between small divisors and smoothness of the solutions of a calss of PDO, *Ann.Glob. An. Geometry* 1:3 (**1983**), pp 77-92

цитирана в:

27. T. Gramchev, G. Tranquilli. Hypoellipticity and solvability in Gelfand – Shilov spaces for twisted Laplacian operators, C.R. Acad. Bulg. Sci., 67:9 (2014), pp. 1193-1200, ISSN 1310-1331
28. G. Tranquilli. Global normal forms and global properties in function spaces for second order Shubin type operators, Ph.D. thesis, University of Cagliari, May 2014

1984

20. **Kiryakova V.**, An application of Meijer's G-function to Bessel-type operators // Proc. Conf. Constr. Function Theory, Varna' 1981, Sofia, 1984, 457-462.

цитирана в:

29. Garra R., Giusti A., Mainardi F., Pagnini G., Fractional relaxation with time-varying coefficient // Fract. Calc. Appl. Anal., 2014, 17, No 2, 424-439, ISSN 1311-0454, 1314-2224

21. **Drensky, V.:** Codimensions of T-ideals and Hilbert series of relatively free algebras, J. Algebra 91 (1984), 1-17. ISSN 0021-8693.

цитирана в:

30. Giambruno, A., D. La Mattina, M. Zaicev: Classifying the minimal varieties of polynomial growth, Canad. J. Math. 66 (2014), No. 3, 625-640. ISSN 0008-414X, 1496-4279.
31. Machado, G. G., P. Koshlukov: GK dimension of the relatively free algebra for sl_2 , Monatshefte für Mathematik 175 (2014), No. 4, 543-553. ISSN 0026-9255, 1436-5081.
32. Centrone, L., A. Cirrito: Y -Proper graded cocharacters of upper-triangular matrices of order m graded by the m -tuple $\varphi=(0,0,1,\dots,m-2)$, arXiv:1407.1701v1 [math.RA].

22. **Krassimir Markov**, “A Multi-domain Access Method”, Proceedings of the International Conference on Computer Based Scientific Research, PLOVDIV, 1984, pp. 558 - 563.

цитирана в:

33. Krassimira Ivanova, “Example of Multi-Layer Knowledge Representation by means of Natural Language Addressing”, In: V. Velychko, O. Voloshyn, K. Markov, (eds.), proceedings of the XX-th International Conference “Knowledge-Dialogue-Solution”, ITHEA®, Kyiv, Ukraine, Sofia, Bulgaria, 2014, ISSN 1313-0087 (printed), ISSN 1313-1206 (online), pp. 115 - 117.
34. Krassimira Ivanova, “ONTOArM - a System for Storing Ontologies by Natural Language Addressing”, International Journal "Information Technologies & Knowledge", Vol. 8, Number 4, 2014, ISSN 1313-0455 (printed), 1313-048X (online), pp. 303 - 312.
35. Krassimira Ivanova, “WORDArM - A System for Storing Dictionaries and Thesauruses by Natural Language Addressing”, International Journal “Information Theories and Applications”, Vol. 21, Number 4, 2014, ISSN 1310-0513 (printed), 1313-0463 (online), pp. 362 - 370.
36. Krassimira Ivanova, “RDFArM - A System for Storing Large Sets of RDF Triples and Quadruples by means of Natural Language Addressing”,

International Journal "Information Models and Analyses", Vol. 3, Number 4, 2014, ISSN 1314-6416 (printed), 1314-6432 (online), pp. 303 - 322.

37. Krassimira Ivanova, "Multi-Layer Knowledge Representation", International Journal "Information Content and Processing", Vol. 1, Number 4, 2014, ISSN 2367-5128 (printed), 2367-5152 (online), pp. 303 - 310.
38. Krassimira Ivanova, "Practical Aspects of Natural Language Addressing", in: G. Setlak, K. Markov(ed.), Computational Models for Business and Engineering Domains, ITHEA®, 2014, Rzeszow, Poland, Sofia, Bulgaria, ISBN: 978-954-16-0066-5 (printed), ISBN: 978-954-16-0067-2 (online), pp. 172 – 186.
39. Krassimira Ivanova, "Storing Data using Natural Language Addressing", PhD Thesis, Hasselt University, Belgium, 2014, 340 p.

23. **N. Kyurkchiev**, R. Ivanov, On some multi-stage schemes with a superlinear rate of convergence, (in Russian), Ann. Univ. Sofia Fac. Math. Mec. Vol. 78, **1984**, 132-136

цитирана в:

40. Петкова, М., Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременно апроксимиране на нули на полином, Дисертационен труд за присъждане на образователната и научна степен "доктор", Пловдивски Университет "Паисий Хилендарски", Пловдив, 2014.

24. **N. Kjurkchiev**, **A. Andreev**, V. Popov, Iterative methods for computation of all multiple roots of an algebraic polynomials, Ann. Univ. Sofia Fac. Math. Mec. Vol. 78, **1984**, 178-185.

цитирана в:

41. Чолаков, С., Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен "доктор", Пловдивски Университет "Паисий Хилендарски", Пловдив, 2014.

25. Денев, Й., **Р. Павлов**, Я. Деметрович. Дискретна математика. София, Наука и изкуство, 1984.

цитирана в:

42. Йорджев, К. Побитови операции и комбинаторни алгоритмис бинарни матрици, множества и графи. Дисертация за присъждане на научната степен „доктор на науките“. СУ-ФМИ, София, 2014.
43. Толева-Стоименова, С., С. Бойчева. Теоретични основи на информатиката. София, Изд. „За буквите – О писменехъ“, 2014. ISBN 978-954-XXXX-YY-Z
44. Бойчева, С., С. Толева-Стоименова. Дискретна математика. София, Изд. „За буквите – О писменехъ“, 2014. ISBN 978-954-XXXX-YY-Z

1985

26. **Drensky, V.:** T-ideals containing all matrix polynomial identities, Commun. In Algebra 13 (1985), 2037-2072. ISSN 0092-7872; 1532-4125.

цитирана в:

45. Burde, D.: Classical R -matrices and derivation double Lie algebras, arXiv:1411.0950v1 [math.RA].

27. Dimovski I., V. Kiryakova, Transmutations, convolutions and fractional powers of Bessel-type operators via Meijer G -functions // *Proc. Conf. Complex Anal. and Appl., Varna'1983*, Sofia, **1985**, 45-66.

цитирана в:

46. Garra R., Giusti A., Mainardi F., Pagnini G., Fractional relaxation with time-varying coefficient // *Fract. Calc. Appl. Anal.*, 2014, 17, No 2, 424-439, ISSN 1311-0454, 1314-2224

28. Borisov A., G. Ganchev. *Curvature properties of Kaehlerian manifolds with B-metric*. Math. and Educ. in Math., Proc. 14 Spring Conf. UBM, (1985) 220-226.

цитирана в:

47. Nakova G., Totally umbilical radical transversal lightlike hypersurfaces of $K \setminus$ ahler-Norden manifolds of constant totally real sectional curvatures. arXiv:1407.6924

29. Ганчев Г., К. Грибачев, В. Михова. *Конформни инварианти върху конформно келерови многообразия с норденова метрика* // Научни трудове ПУ, Математика, 23 (1985) 239-246.

цитирана в:

48. Manev M., *On canonical-type connections on almost contact complex Riemannian manifolds*, arXiv:1407.6843.
49. Ivanov S., H. Manev, M. Manev, Sasaki-like almost contact complex Riemannian manifolds. arXiv:1402.5426

30. **NM Yanev**, KV Mitov. Critical branching processes with nonhomogeneous migration. The Annals of Probability, **1985**.

цитирана в:

50. GP Yanev. Critical Controlled Branching Processes and Their Relatives. arXiv preprint arXiv:1411.6045, 2014 - arxiv.org.
51. Stochastic modeling in biological populations with sexual reproduction through branching models. Application to Coho salmon populations.

31. **Pericliev, V.** 7th International Congress of Logic, Methodology and Philosophy of Science, Salzburg, Austria, 1983. Съпоставително езиковедие , **1985**, 5, 96-97.

цитирана в:

52. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

1986

32. Vladimirova, L. A., **V. Drensky**: Varieties of associative algebras with identity of degree three (Russian), *Pliska, Studia Math. Bulg.* 8 (1986), 144-157. ISSN 0204-9805.

цитирана в:

53. Gonçalves, D. J., T. C. de Mello: Minimal Varieties and Identities of Relatively Free Algebras, arXiv: 1405.7546v2 [math.RA].

33. **Drensky, V.**: Torsion in the additive group of relatively free Lie rings, *Bull. Austral. Math. Soc.* 33 (1986), 81-87. ISSN 0004-9727.

цитирана в:

54. Alexandrou, M., R. Stöhr: Free centre-by-nilpotent-by-abelian Lie rings, preprint.

34. **Drensky, V.**: Polynomial identities of finite dimensional algebras, *Serdica* 12 (1986), 209-216. ISSN 1310-6600.

цитирана в:

55. Giambruno, A., D. La Mattina, M. Zaicev, Classifying the minimal varieties of polynomial growth, *Canad. J. Math.* 66 (2014), No. 3, 625-640. ISSN 0008-414X, 1496-4279.

35. **Ivanov, L.**: Algebraic Recursion Theory. Chichester, West Sussex: Ellis Horwood, and New York: John Wiley & Sons, 1986. 256 pp. ISBN 978-013-02690-7-2; ISBN 978-074-58010-2-5

цитирана в:

56. Zashev, J.: An Approximation Approach to Cook Hypothesis. *Comptes rendus de l'Acad'emie bulgare des Sciences*, Vol 67 (2014), No.3, pp.303-310

36. Dimovski I., V. Kiryakova, Generalized Poisson transmutations and corresponding representations of hyper-Bessel functions, *C.R. Acad. Bulg. Sci.*, 39, No 10 (1986), 29-32. ISSN 1310-1331

цитирана в:

57. Paneva-Konovska J., A family of hyper-Bessel functions and convergent series in them, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1001-1015, ISSN 1311-0454, 1314-2224

37. G. Ganchev, A. Borisov. Note on the almost complex manifolds with Norden metric. // *C. R. Acad. Bulg. Sci.*, 39 (1986) 5, 31-34. ISSN 1310-1331

цитирана в:

58. Iscan M., H. Sarsilmaz, S. Turanli, On 4-dimensional almost para-complex pure-Walker manifolds. *Turk. J. Math.*, 38, (2014), 1071-1080.
59. Iscan M., Some notes concerning Norden-Walker 8-manifolds. *Applied sciences*, 16 (2014), 21-31.
60. Uday De, Pradip Majhi, Properties of the quasi-conformal curvature tensor on Kaehler-Norden manifolds. *Mathematica Moravica*, 18-1 (2014), 21-28

61. Manev H., On the structure tensors of almost contact B-metric manifolds, arXiv:1405.3088.
62. Manev M., On canonical-type connections on almost contact complex Riemannian manifolds, arXiv:1407.6843.
63. Manev M., Hypercomplex structures with Hermitian–Norden metrics on four-dimensional Lie algebras // *Journal of Geometry*, 105 (2014), 1, 21-31.
64. Manev H., D. Mekerov, Lie groups as 3-dimensional almost contact B-metric manifolds // *Journal of Geometry*, (2014) , DOI 10.1007/s00022-014-0244-0.
65. Nakova G., Totally umbilical radical transversal lightlike hypersurfaces of K^n ahler-Norden manifolds of constant totally real sectional curvatures. arXiv:1407.6924

38. Alexiev V., G. Ganchev. *On the classification of the almost contact metric manifolds* // *Math. and Educ. in Math.*, Proc. 15 Spring Conf. UBM, (1986) 155-161.

цитирана в:

66. Manev H., D. Mekerov, *Lie groups as 3-dimensional almost contact B-metric manifolds* // *Journal of Geometry*, (2014) , DOI 10.1007/s00022-014-0244-0.

39. Kiryakova V., New integral representations of the generalized hypergeometric functions, *C.R. Acad. Bulg. Sci.*, 39 (1986), No 12, 33-36. ISSN 1310–1331

цитирана в:

67. Bouzeffour, F., Special functions associated with complex reflection groups, *Ramanujan J.*, 2014, 34, No 1, 39-55, ISSN 1382-4090, 1572-9303

40. **Veliov, V., M. Krastanov**, Controllability of piecewise linear systems, *Systems & Control Letters* 7, 335-341, 1986

цитирана в:

68. Le Quang Thuan, M. Kanat Camlibel, Controllability and Stabilizability of a Class of Continuous Piecewise Affine Dynamical Systems, *SIAM J. Control Optim.*, 52(3), 2014, 1914–1934. <http://dx.doi.org/10.1137/120890132>

41. Mitkov R., **R. Pavlov, A. Eskenasi**. Testing in Bulgaria with microcomputers. *Revista de Informatica y Automatica*, 19, 3, 1986, 20 - 23

цитирана в:

69. Димитров И., Оптимизация на глобализациите в InfoStation мрежова среда, Пловдив, 2014, дисертация, @2014

42. **Pavlov R., R. Mitkov, A. Eskenasi**. Personal computer aided testing and training system. *Tanulmanyok*, 194, 1986, 143 - 154

цитирана в:

70. Вълканова В., Изследвания на виртуално образователно пространство в средното училище, София, 2014, дисертация, @2014

1987

43. 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

цитирана в:

71. Hu, Shiyan, Coupé, Pierrick, Pruessner, Jens C., Collins, D. Louis. Nonlocal regularization for active appearance model: Application to medial temporal lobe segmentation. *Human Brain Mapping.* Vol. 35. Num. 2. ISSN 1097-0193. DOI: 10.1002/hbm.22183. 377- 395. 2014, @**2014**
72. Bialystok, Ellen, Poarch, Gregory J. Language experience changes language and cognitive ability. *J Zeitschrift für Erziehungswissenschaft.* Vol. 17. Num. 3, pp. 433-446. ISSN 1434-663X. 2014.
http://dx.doi.org/10.1007/s11618-014-0491-8, @**2014**
73. Cohen, RonaldA. Neuroimaging of Attention. Book Section. The Neuropsychology of Attention, pp. 829-889. 2014. ISSN 978-0-387-72638-0. http://dx.doi.org/10.1007/978-0-387-72639-7_26, @**2014**

44. Alexiev V., G. Ganchev. *Canonical connection on a conformal almost contact metric manifold.* Ann. l'Univ. Sofia, Math., 81 (**1987**) 29-38.

цитирана в:

74. Ivanova M., H. Manev, *On some Lie groups as 5-dimensional almost contact B-metric manifolds with three natural connection.* arXiv:1408.5848.

45. **Ribarska N.K.**, Internal characterization of fragmentable spaces, *Mathematika*, том:34, **1987**, стр.243-257, IF/IR.

цитирана в:

75. Gary Gruenhagen, Generalized metrizable spaces, in *Recent Progress in General Topology III*, pp 471-505, Springer, ISBN 978-94-6239-023-2, 2014.
76. F. García, M. A. Melguizo Padial, On Gruenhagen spaces, separating σ -isolated families, and their relatives, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas*, December 2014, DOI 10.1007/s13398-014-0211-5.

46. **L. Mutafchiev.** *Journal of Applied Probability* 24(**1987**), 258-264.

цитирана в:

77. J.C. Hansen, J. Jaworski, *Electronic J. Combinatorics*, 21(2014), issue 1, paper #1.18; ISSN 1077-8926. IF 0.568.

47. G. Ganchev, K. Gribachev, V. Mihova. *B-connections and their conformal invariants on conformally Kaehler manifolds with B-metric.* Publications de l'Inst. Math., N.S., 42 (**1987**), 107-121.

цитирана в:

78. Ivanova M., H. Manev, *On some Lie groups as 5-dimensional almost contact B-metric manifolds with three natural connection.* arXiv:1408.5848.

79. Manev M., *On canonical-type connections on almost contact complex Riemannian manifolds*, arXiv:1407.6843.
80. Nakova G., Totally umbilical radical transversal lightlike hypersurfaces of K^n ahler-Norden manifolds of constant totally real sectional curvatures. arXiv:1407.6924
81. Ivanov S., H. Manev, M. Manev, Sasaki-like almost contact complex Riemannian manifolds. arXiv:1402.5426

48. **Petrushev, P. P.**, Popov, V. A. Rational approximation of real functions. Encyclopedia of Mathematics and its Applications, 28. Cambridge University Press, Cambridge, **1987**

цитирана в:

82. Cobos, Fernando; Domínguez, Oscar; Martínez, Antón Compact operators and approximation spaces. Colloq. Math. 136 no. 1, (2014), 1–11.
83. Bashir, Zia; Cobos, Fernando; Karadzhov, Georgi E. Optimal embeddings of Calderón spaces in Hölder-Zygmund spaces. Math. Scand. 114 no. 1, (2014), 120–148.
84. N. Nikolski, Sublinear dimension growth in the Kreiss Matrix Theorem, St. Petersburg Math. J. 25 (2014), 361-396.
85. Kyurkchiev, N., A. Andreev, Approximation and Antenna and Filters synthesis. Some Moduli in Programming Environment MATHEMATICA, LAP LAMBERT Academic Publishing, Saarbrucken, 2014, ISBN: 978-3-659-53322-8.

49. G. Ganchev, V. Mihova. Canonical connection and the canonical conformal group on an almost complex manifold with B-metric. // Ann. Univ. Sofia, Math., 81 (**1987**) , 195-206.

цитирана в:

86. Ivanova M., H. Manev, *On some Lie groups as 5-dimensional almost contact B-metric manifolds with three natural connection*. arXiv:1408.5848.
87. Manev M., *On canonical-type connections on almost contact complex Riemannian manifolds*, arXiv:1407.6843.
88. Ivanov S., H. Manev, M. Manev, Sasaki-like almost contact complex Riemannian manifolds. arXiv:1402.5426

50. **Drensky, V.**: Polynomial identities for the Jordan algebra of a symmetric bilinear form, J. Algebra 108 (**1987**), 66-87. ISSN 0021-8693.

цитирана в:

89. Giambruno, A., D. La Mattina, M. Zaicev: Classifying the minimal varieties of polynomial growth, Canad. J. Math. 66 (2014), No. 3, 625-640. ISSN 0008-414X, 1496-4279.
90. Giambruno, A., M. Zaicev, Growth of polynomial identities: is the sequence of codimensions eventually non-decreasing? Bull. London Math. Soc. 46 (4) (2014), 771-778. ISSN 0024-6093, 1469-2120.

51. **Kanev, V.**: Principal polarizations of Prym-Tjurin varieties. Compositio Math. **64** (**1987**), no. 3, 243–270. ISSN: 0010-437X

цитирана в:

91. Shen, Mingmin: On relations among 1-cycles on cubic hypersurfaces. *J. Algebraic Geom.* 23 (2014), no. 3, 539—569.

52. **Pericliev, V.** Are all sentences with constructional homonymity ambiguous?, *Proceedings of the 14th International Congress of Linguists, Berlin, August 1987*, 1032-1034.

цитирана в:

92. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

1988

53. Mushkarov O., Almost hermitian structures on twistor spaces and their types // *Atti Sem. Mat. Fis. Univ. Modena*, (1988), pp. 285-297 ISSN 1825-1269

цитирана в:

93. Chiose I., R. Rasdeaconu, I. Uvaina, Balanced metrics on uniruled manifolds, arXiv: [1408.4769v1](https://arxiv.org/abs/1408.4769v1) [mathDG] 20 Aug 2014 .

54. **L. Mutafchiev**, *Statistics & Probability Letters* 7(1988), 247-251.

цитирана в:

94. J. Guo, T. Peyrin, Y. Sasaki, L. Wang. *Advances in Cryptology – CRYPTO 2014*, Santa Barbara, CA, August, 2014, pp.131-148; ISBN 978-3-662-44370-5.
95. T. Peyrin, L. Wang. *Advances in Cryptology – CRYPTO 2014*, Santa Barbara, CA, August, 2014, pp. 147-164 . ISBN 978-3-662-44370-5.

55. **Kenderov P.S., N.K. Ribarska**, Most of the two-person zero-sum games have unique solutions, *Proceedings of the Centre for Mathematical Analysis, Australian National University*, том 20, 1988, стр.73-82.

цитирана в:

96. Ding-Tao Peng, Jian Yu, Nai-Hua Xiu, The uniqueness and well-posedness of vector equilibrium problems with a representation theorem for the solution set, *Fixed Point Theory and Applications* 2014, 2014:115, doi:10.1186/1687-1812-2014-115, 9.5.2014.
97. Ding Tao PENG, Jian YU, Nai Hua XIU, Generic Uniqueness of Solutions of Several Types of Nonlinear Problems, *Acta Mathematica Sinica, Chinese Series*, 57, no 2 (2014), 373-386.

56. **Kenderov P.S., N.K. Ribarska**, Generic uniqueness of the solutions of “max min” problems, *Lecture Notes in Economics and Mathematical Systems*, брой:304, 1988, стр.41-48, Ref

цитирана в:

98. Ding Tao PENG, Jian YU, Nai Hua XIU, Generic Uniqueness of Solutions of Several Types of Nonlinear Problems, *Acta Mathematica Sinica, Chinese Series*, 57, no 2 (2014), 373-386.

57. **N.K.Ribarska**, A Radon-Nikodym compact which is not a Gruenhagen space, C.R. Acad. Bulg. Sci., том:41, брой:7, **1988**, стр.9-11, IF/IR

цитирана в:

99. F. García, M. A. Melguizo Padial, On Gruenhagen spaces, separating σ -isolated families, and their relatives, Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, December 2014, DOI 10.1007/s13398-014-0211-5 2014.

1989

58. **Eskenasi A.** Evaluation of software product quality by means of classification methods. Journal of Systems and Software, 10, 3, **1989**, 213 - 216

цитирана в:

100. Тричкова Е., Оптимизация на процеси в информационни системи, София, ИИКТ, 2014, дисертация, @2014

59. **Eskenasi A., R. Radev.** Quality Evaluation of Authoring Systems. Educational Software at Secondary Level (ed. J. D. Tinsley and T. J. van Weert), Elsevier, **1989**, 43 - 47

цитирана в:

101. Вълканова В., Изследвания на виртуално образователно пространство в средното училище, София, 2014, дисертация, @2014
102. Димитров И., Оптимизация на глобализациите в InfoStation мрежова среда, Пловдив, 2014, дисертация, @2014

60. **Kanev, V.:** Intermediate Jacobians and Chow groups of threefolds with a pencil of del Pezzo surfaces. Ann. Mat. Pura Appl. (4) **154 (1989)**, 13–48. ISSN: 0373-3114

цитирана в:

103. Hassett, B., Y. Tschinkel: Quartic del Pezzo surfaces over function fields of curves (2014) Central European Journal of Mathematics, 12 (3), pp. 395-420.

61. **Gateva-Ivanova, T.:** Global dimension of associative algebras, Lect. Notes Comp. Sci., 357 (1989), 213—229. ISSN: 0302-9743

цитирана в:

104. Zhou, G. S., D. M. Lu: Artin-Schelter regular algebras of dimension five with two generators, J. Pure Appl. Algebra, 218, (2014), 937-961, Elsevier, ISSN: 0022-4049
105. Zhou, G. S., D. M. Lu, Lyndon words for Artin-Schelter regular algebras, arXiv preprint arXiv:1403.0385 [math.RA], 1-18

62. Bochev, P., **Markov, S.**, A self-validating numerical method for the matrix exponential, Computing, 43(1), (1989) pp. 59-72. doi: 10.1007/BF02243806

цитирана в:

106. Goldsztejn, A., Neumaier, A, On the exponentiation of interval matrices, Reliable Computing, 20 (1), (2014), pp. 53 – 72.

107. Shao, M., Gao, W., Xue, J., Aggressively truncated Taylor series method for accurate computation of exponentials of essentially nonnegative matrices, *SIAM Journal on Matrix Analysis and Applications*, 35 (2), (2014) pp. 317 – 338.

63. **Markov, S., N. Kjurkchiev**, A method for solving algebraic equations, *Z. Angew. Math. Mech.*, Vol. 69, **1989**, 106-107.

цитирана в:

108. Noraini Jamaludin, Mansor Monsi, Hasruddin Hassan, On the convergence rate of modified interval symmetric single-step procedure iss2-5d for the simultaneous inclusion of polynomial zeros, *sains malaysiana*, 43 (7), 2014, 1101-1104.

64. AY Yakovlev, **NM Yanev**. Transient processes in cell proliferation kinetics. **1989**, Springer Verlag.

цитирана в:

109. R Chen, O Hyrien. On classes of equivalence and identifiability of age-dependent branching processes. *Advances in Applied Probability*, 2014.
- 110.

1990

65. Dimovski I., *Convolutional Calculus*, Kluwer, Dordrecht, **1990**.

цитирана в:

111. Hanna, L.A.-M., Luchko, Y.F., Operational calculus for the Caputo-type fractional Erdélyi-Kober derivative and its applications, *integral Transforms and Special Functions*, 2014, 25, No 5, 359-373, ISSN 1065-2469, 1476-8291
112. Tsankov Y.T., Exact solution of local and nonlocal BVPs for the Laplace equation in a rectangle, *Lecture Notes in Comput. Sci.*, Vol. 8372, Berlin, Heidelberg, Springer, 2014, pp 190-200.
113. Bazhlekova, E., Bazhlekov, I., Viscoelastic flows with fractional derivative models: computational approach via convolutional calculus of Dimovski. *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 954–976, ISSN1311-0454, 1314-2224
114. Tsankov, Y.T., A theorem of uniqueness of the solution of nonlocal evolution boundary value problem, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 945–953, ISSN 1311-0454, 1314-2224
115. Kiryakova, V., From the hyper-Bessel operators of Dimovski, to the generalized fractional calculus, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 977–1000, ISSN:1311-0454, 1314-2224

66. Dimovski I. H., R.I. Petrova, Finite integral transforms for nonlocal boundary value problems, // *Generalized Functions and Convergence* (Eds. P. Antosik and A. Kamirnski), World Scientific, Singapore (**1990**).

цитирана в:

116. Tsankov, Y.T., A theorem of uniqueness of the solution of nonlocal evolution boundary value problem, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 945–953, ISSN 1311-0454, 1314-2224

67. Raikov G. D., Eigenvalue asymptotics for the Schrödinger operator with homogeneous magnetic potential and decreasing electric potential. I. Behaviour near the essential spectrum tips // *Commun. P.D.E.* 15 (1990), 407-434. ISSN 0360-5302;

цитирана в:

117. Dimassi M., A. T. Duong, Trace asymptotics formula for the Schrödinger operators with constant magnetic fields, *J. Math. Anal. Appl.* **416** (2014), 427-448. ISSN: 0022-247X
118. Sambou D., Lieb-Thirring type inequalities for non-self-adjoint perturbations of magnetic Schrödinger operators, *J. Funct. Anal.* **266** (2014), 5016-5044. ISSN: 0022-1236

68. **K. Markov**, T. Todorov, V. Nikolov. Multidomain Access Method for the IBM PC, *Research in Informatics*, Vol. 3, Academie-Verlag Berlin, **1990**, pp.218-230.

цитирана в:

119. **Krassimira Ivanova**, “Storing Data using Natural Language Addressing”, PhD Thesis, Hasselt University, Belgium, 2014, 340 p.

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

цитирана в:

120. Чолаков, С., Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.

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

цитирана в:

121. Li, S., Zhang, A.-M., Study on a rising bubble bouncing near a rigid boundary *Wuli Xuebao/Acta Physica Sinica*, 63 (5), (2014), 054705.

71. **Ivanov, K.**, V. Totik, Fast Decreasing Polynomials, *Constructive Approx.* 6, **1990**, 1-20.

цитирана в:

122. Kyurkchiev, N., A. Andreev, Approximation and Antenna and Filters synthesis. Some Moduli in Programming Environment MATHEMATICA, LAP LAMBERT Academic Publishing, Saarbrucken, 2014, ISBN: 978-3-659-53322-8.

72. V. Hristov, **K. G. Ivanov**. Realization of K-functionals on subsets and constrained approximation, *Mathematica Balkanica*, ISSN: 0205-3217, 4, 3, **1990**, 236-257.

цитирана в:

123. K. Runovski, H.-J. Schmeisser, General Moduli of Smoothness and Approximation by Families of Linear Polynomial Operators, New Perspectives on Approximation and Sampling Theory, Applied and Numerical Harmonic Analysis, 2014, 269-298.

73. **Yanev, G., Yanev, N.** Extinction of controlled branching processes in random environments. *Mathematica Balkanica (N.S.)*, 4:4(1990):368-380.

цитирана в:

124. Molina, M., Mota, M., Ramos, A. (2014) Stochastic modeling in biological populations with sexual reproduction through branching models: Application to Coho salmon populations. *Mathematical Biosciences*, Nov 4, 2014, online.
125. Ma Shixia, Xing Xiaoyu (2014). Alimit theorem for subcritical population-size-dependent branching processes with random control functions. *Acta Scientiarum Naturalium Universitatis Nankaiensis*, Vol. 47, Issue 3, 5 pp, in Chinese.
<http://www.cqvip.com/main/search.aspx?w=%e9%82%a2%e5%b0%8f%e7%8e%89>
126. Li Yingqiu, Li Deru, Pan Sheng (2014). Controlled Branching Process in Random Environment, www.paper.edu.cn, in Chinese.

74. S. Berg, **L. Mutafchiev**. *Journal of Applied Probability* 27(1990), 622-636.

цитирана в:

127. J.C. Hansen, J. Jaworski, *Electronic J. Combinatorics*, 21(2014), issue 1, paper #1.18; ISSN 1077-8926. IF 0.568.

75. **Kutzarova D.**, An isomorphic characterization of property (beta) of Rolewicz, *Note di Mat.* 10 (1990), 2, 347-354.

цитирана в:

128. Latif A., Ch. Mongkolkeha, W. Sintunavarat, Some geometric properties of generalized modular sequence space derived by generalized de la Vallée-Poussin mean, *J. of Inequalities and Applications*, (2014), 2014:375
doi:10.1186/1029-242X-2014-375 ISSN: 1029-242X.

76. **Pericliev V.** 'Come' and its deictic uses. *International Pragmatics Conference, (Abstracts)*, Barcelona, July 1990

цитирана в:

129. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

77. **Pericliev, V.** On heuristic procedures in linguistics. *Studia Linguistica, Almqvist & Wiksell*, Stockholm, 43, 1990, 2, 59-69.

цитирана в:

130. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

1991

78. Carini L., **V. Drensky**: The Hilbert series of the polynomial identities for the tensor square of the Grassmann algebra, *Rendiconti del Circolo Matematico di Palermo, Ser. II* 40 (1991), 470-479. ISSN 0009-725X, 1973-4409.

цитирана в:

131. S. M. Ratseev, Numerical characteristics of some varieties of linear algebras (Russian), Ph. D. Thesis, Univ. of Ulyanovsk, 2014.

79. **Gateva-Ivanova, T.**: On the Noetherianity of some associative finitely presented algebras, *J. Algebra*, 138 (1991), 13-35. ISSN: 0021-8693

цитирана в:

132. Lezama, O., A. Reyes: Some Homological Properties of Skew PBW Extensions, *Communications in Algebra Volume 42, Issue 3*, 2014, Taylor and Francis, 1200-1230 ISSN 0092-7872 (Print), 1532-4125 (Online)

80. **Davidov J., O. Mushkarov**, On the Riemannian Curvature of a Twistor Space. // *Acta Math. Hungarica* 58, no.3-4 (1991), 319-332.

цитирана в:

133. J. Evans, Quantum cohomology of twistor spaces and their Lagrangian submanifolds // *J. Diff. Geom.* 6 (2014), 353-387.
 134. I. Chiose, R. Rasdeaconu, I. Suvaina, Balanced metrics on uniruled manifolds // *arXiv 1408.4769v1 [math.DG]* 20 Aug 2014.

81. **Raikov G. D.**, Strong-electric-field eigenvalue asymptotics for the Schrödinger operator with electromagnetic potential, *Lett. Math. Phys.* 21 (1991), 41-49. ISSN: 0377-9017

цитирана в:

135. Dimassi M., A. T. Duong, Trace asymptotics formula for the Schrödinger operators with constant magnetic fields, *J. Math. Anal. Appl.* 416 (2014), 427-448. ISSN: 0022-247X

82. **Raikov G. D.**, Border-line eigenvalue asymptotics for the Schrödinger operator with electromagnetic potential, *Int. Equat. Op. Theory* 14 (1991), 875-888. ISSN: 1420-8989

цитирана в:

136. Sambou D., Lieb-Thirring type inequalities for non-self-adjoint perturbations of magnetic Schrödinger operators, *J. Funct. Anal.* 266 (2014), 5016-5044. ISSN: 0022-1236

83. **Kutzarova D.**, k-beta and k-nearly uniformly convex Banach spaces, *J. Math. Anal. Appl.* 162 (1991), 322-338

цитирана в:

137. Latif A., Ch. Mongkolkeha, W. Sintunavarat, Some geometric properties of generalized modular sequence space derived by generalized de la Vallée-Poussin mean, *J. of Inequalities and Applications*, (2014), 2014:375 doi:10.1186/1029-242X-2014-375 ISSN: 1029-242X

138. Karakaya V., F. Altun, On some geometric properties of a new paranormed sequence space, J. Function Spaces, vol. 2014 (2014), article ID 685382, <http://dx.doi.org/10.1155/2014/685382> ISSN: 2090-8997

84. **Pericliev V.** Detecting causalities as an aid in linguistic discovery. "Making Connections'91" ACH/ALLC Conference (Association for Computing in the Humanities/Association for Literary and Linguistic Computing), Tempe, Arizona, March **1991**

цитирана в:

139. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

85. D. Bainov, V. Covachev, I. Stamova, Estimates of the solutions of impulsive quasilinear functional differential equations, Annales Facult'e des Sciences de Toulouse, XII (**1991**), No. 2, 149–161.

цитирана в:

140. Andrei Radoslavov Antonov, Periodic Solutions of Differential Equations with Variable Structure and Impulses, Ph. D. Thesis, University of Chemical Technology and Metallurgy, Sofia, Bulgaria, 2014.

1992

86. **Ganchev G., S. Ivanov.** *Characteristic curvatures on complex Riemannian manifolds.* // Rivista di Mat. della Univ. di Parma, **1 (1992)** 5, 155-162

цитирана в:

141. Manev M., *On canonical-type connections on almost contact complex Riemannian manifolds*, arXiv:1407.6843.

87. **Raikov G. D.**, Eigenvalue asymptotics for the Schrödinger operator with perturbed periodic potential, Invent. Math. **110 (1992)**, 75-93. ISSN: 1432-1297

цитирана в:

142. Dombrowski N., P. D. Hislop, E. Soccorsi, *Edge currents and eigenvalue estimates for magnetic barrier Schrödinger operators*, Asymptotic Anal. **89** (2014), 331-363. ISSN: 0921-7134

88. M.L. Racine, **V. Drensky:** Distinguishing simple Jordan algebras by means of polynomial identities, Commun. in Algebra **20 (1992)**, 309-327. ISSN 0092-7872, 1532-4125.

цитирана в:

143. Aljadeff, E., D. Haile: Simple G -graded algebras and their polynomial identities, Trans. Amer. Math. Soc. **366** (2014), 1749-1771. ISSN 0002-9947, 1088-6850.
144. Di Vincenzo, O. M., E. Spinelli: Graded polynomial identities on upper block triangular matrix algebras, J. Algebra **415** (2014), 50-64. ISSN 0021-8693.

89. **Dimitrova, N., 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

цитирана в:

145. Kenoufi, A., Probabilist set inversion using pseudo-intervals arithmetic, TEMA (Sao Carlos) 15.1 (2014): 97-117.
146. Yan Wang, Stochastic dynamics simulation with generalized interval probability, International Journal of Computer Mathematics (2014) <http://dx.doi.org/10.1080/00207160.2014.905681>.
147. Yan Wang, Training Generalized Hidden Markov Model with Interval Probability Parameters, in M. Beer, S-K. Au, J. W. Hall (Eds) Vulnerability, Uncertainty, and Risk: Quantification, Mitigation, and Management, American Society of Civil Engineers 2014, pp. 876-886.
148. Hu, J., Wang, Y., Cheng, A., Zhong, Z. A, Kalman Filtering Mechanism based on Generalized Interval Probability and its Application in Process Variation Estimation, Proceedings of the ASME 2014 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference IDETC/CIE 2014, August 17-20, 2014, Buffalo, New York, USA, DETC2014-34543.
149. Boukezzoula, R., Galichet, S., Foulloy, L., Elmasry, M., Extended gradual interval (EGI) arithmetic and its application to gradual weighted averages, Fuzzy Sets and Systems, 257 (2014), pp. 67 – 84.

90. **Pericliev V.** A referent grammar treatment of the nominal phrase in Bulgarian. Studia Linguistica, Almqvist & Wiksell, Stockholm, **1992**.

цитирана в:

150. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

91. **Pericliev V.** Difficulties with inductivism as a linguistic research methodology. Contrastive Linguistics 3, **1992**, 70-73.

цитирана в:

151. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

92. **Pericliev, V.** Converting declarative linguistic knowledge into procedural. Abstracts of the 1st Rasmus Rask Colloquium "Form and Function in Language in an Interdisciplinary Perspective," Odense University, Denmark, November **1992**

цитирана в:

152. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

93. **Pericliev, V.** Linguistic inductivism: some problems. Abstracts of the XVth International Congress of Linguists, Quebec, Canada, August **1992**

цитирана в:

153. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

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

цитирана в:

154. Jeyaraman, M. P., and T. K. Suresh, Subordination properties of multivalent functions defined by generalized multiplier transformation, *Journal of Complex Analysis*, Article ID 187482, ISSN: 2314-4963;
155. Ghanim F., New study of Classes of Hurwitz-Zeta Function Related to Integral Operator, *WSEAS Transactions on Mathematics*, Vol. 13, 2014, p. 477 - 483, E-ISSN: 2224-2880;
156. Ghanim F., Inclusion Properties for Classes of Analytic Function Related to Integral Operator // *Mathematical and Computational Methods in Science and Engineering*, Proceedings of the 16th International Conference on Mathematical and Computational Methods in Science and Engineering (MACMESE '14), p. 35-39, ISBN: 978-960-474-372-8, ISSN: 2227-4588;
157. Muhammad A., On Some Applications of Liu-Owa Operator, *Annals of the Alexandru Ioan Cuza University-Mathematics*, ISSN (Online) 1221-8421;
158. Mostafa A.O, M. K. Aouf. Some subordination results for p-valent functions associated with differintegral operator // *Journal of Fractional Calculus and Applications*, Vol. 5(1) Jan. 2014, p. 11-25, ISSN: 2090-584X.

1993

95. 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

цитирана в:

159. Liu, Fang, Chaudhary, Rajeev, Hurley, Samuel A., Munoz del Rio, Alejandro, Alexander, Andrew L., Samsonov, Alexey, Block, Walter F., Kijowski, Richard. Rapid multicomponent T2 analysis of the articular cartilage of the human knee joint at 3.0T. *Journal of Magnetic Resonance Imaging*. ISSN 1522-2586. DOI: 10.1002/jmri.24290. 2014. 1191- 1197, @**2014**
160. Casula, Victor, Hirvasniemi, Jukka, Lehenkari, Petri, Ojala, Risto, Haapea, Marianne, Saarakkala, Simo, Lammontausta, Eveliina, Nieminen, MiikaT. Association between quantitative MRI and ICRS arthroscopic grading of articular cartilage. *J Knee Surgery, Sports Traumatology, Arthroscopy*. ISSN 0942-2056, pp. 1-9. 2014. <http://dx.doi.org/10.1007/s00167-014-3286-9>, @**2014**
161. Mohankumar, Rakesh, White, Lawrence M., Naraghi, Ali. Pitfalls and Pearls in MRI of the Knee. *American Journal of Roentgenology*. 2014. Vol. 203. Num. 3. 516- 530. DOI: 10.2214/AJR.14.12969, @**2014**
162. Kijowski, Richard, Chaudhary, Rajeev. Quantitative Magnetic Resonance Imaging of the Articular Cartilage of the Knee Joint. *Magnetic Resonance Imaging Clinics of North America*. Vol. 22. Num. 4. 2014. 649- 669. <http://dx.doi.org/10.1016/j.mric.2014.07.005>, @**2014**

163. Ho LC, Sigal IA, Jan NJ, Squires A, Tse Z, Wu EX, Kim SG, Schuman JS, Chan KC. Magic angle-enhanced MRI of fibrous microstructures in sclera and cornea with and without intraocular pressure loading. *Invest Ophthalmol Vis Sci.* 2014 Aug 7;55(9):5662-72. doi: 10.1167/iovs.14-14561., @2014
164. Paunipagar BK, Rasalkar D. Imaging of articular cartilage. *The Indian Journal of Radiology & Imaging* 2014;24(3):237-248. doi:10.4103/0971-3026.137028., @2014
165. Bo He, Jian Ping Wu, Thomas Brett Kirk, John A Carrino, Chuan Xiang and Jiake Xu. High-resolution measurements of the multilayer ultra-structure of articular cartilage and their translational potential. *Arthritis Research & Therapy* 2014, 16:205 doi:10.1186/ar4506, @2014

96. **Eskenasi A.**, T.Vladimirova, **J.Vassileva**. Incorporating Student Models in Adaptive Testing Systems. *Educational and Training Technology International*, 30, 2, **1993**, 135 - 142

цитирана в:

166. Вълканова В., Изследвания на виртуално образователно пространство в средното училище, София, 2014, дисертация, @2014
167. Димитров И., Оптимизация на глобализациите в InfoStation мрежова среда, Пловдив, 2014, дисертация, @2014

97. **Davidov J.**, A. Sergeev, *Twistor Spaces and Harmonic Maps* (in Russian) // *Uspehi Mat. Nauk* 48, no.3 (**1993**), 3-96 (Engl. Transl. in *Russian Math. Surveys* 48, no.3 (**1993**), 1-91.

цитирана в:

168. M.Svensson, J.C.Wood, New construction of twistor lifts for harmonic maps // *Manuscripta Math.* 144 (2014), 457-502.

98. **G. Ganchev**, V. Mihova, K. Gribachev. *Almost contact manifolds with B-metric.* // *Mathematica Balkanica*, 7 (**1993**) 3-4, 261-276. ISSN 0205-3217

цитирана в:

169. Ivanova M., H. Manev, *On some Lie groups as 5-dimensional almost contact B-metric manifolds with three natural connection.* arXiv:1408.5848.
170. Manev M., *On canonical-type connections on almost contact complex Riemannian manifolds,* arXiv:1407.6843.
171. Ivanov S., H. Manev, M. Manev, Sasaki-like almost contact complex Riemannian manifolds. arXiv:1402.5426
172. Manev H., On the structure tensors of almost contact B-metric manifolds, arXiv:1405.3088
173. Manev H., D. Mekerov, *Lie groups as 3-dimensional almost contact B-metric manifolds,* *Journal of Geometry*, (2014) , DOI 10.1007/s00022-014-0244-0.

99. **Raikov G. D.**, Strong-electric-field eigenvalue asymptotics for the perturbed magnetic Schrödinger operator, *Comm. Math. Phys.* **155** (**1993**), 415-428. ISSN: 0010-3616

цитирана в:

174. Dimassi M., A. T. Duong, Trace asymptotics formula for the Schrödinger operators with constant magnetic fields, *J. Math. Anal. Appl.* **416** (2014), 427-448. ISSN: 0022-247X

100. Bryant, R. M., **V. Drensky**: Obstructions to lifting automorphisms of free algebras, Commun. in Algebra 21 (**1993**), 4361-4389. ISSN 0092-7872, 1532-4125.

цитирана в:

175. Liu, D.: Wild automorphisms of free metabelian algebras, J. Pure Appl. Algebra 218 (2014), 30-36, ISSN 0022-4049.

101. Dolgachev, I., **Vassil Kanev**: Polar covariants of plane cubics and quartics. Adv. Math. 98 (**1993**), no. 2, 216–301. ISSN: 0001-8708

цитирана в:

176. Farkas, G., Alessandro Verra: The geometry of the moduli space of odd spin curves. Ann. of Math. (2) 180 (2014), no. 3, 927--970.
 177. Hosono, S., Hiromichi Takagi: Mirror symmetry and projective geometry of Reye congruences I. J. Algebraic Geom. 23 (2014), no. 2, 279—312.
 178. Hidalgo, R.A.: Computing the field of moduli of the KFT family (2014) Proyecciones, 33 (1), pp. 61-75.

102. Z. Ditzian, **K. G. Ivanov**. Strong converse inequalities, Journal d'Analyse Mathematique, 61, **1993**, 61-111.

цитирана в:

179. Borislav R. Draganov, On Simultaneous Approximation by Iterated Boolean Sums of Bernstein Operators, Results in Mathematics, September 2014, Volume 66, Issue 1-2, pp 21-41.
 180. S. G. Gal and G. T. Tachev, On the Constant in The Lower Estimate for the Bernstein Operator, arXiv preprint, arXiv:1410.3502 [math.CA], 2014.
 181. Govil, N. K., Gupta, Vijay, Approximation Properties of Phillips Operators, in "Mathematics Without Boundaries", eds. Rassias, Pardalos, Springer New York, 2014, 221-243, DOI: http://dx.doi.org/10.1007/978-1-4939-1106-6_8
 182. E.V. Stanila, On Bernstein-Euler-Jacobi Operators, PhD Thesis, Fakultät für Mathematik, Universität Duisburg-Essen, 2014, pp. 113.
 183. Yuguang Wang, Feilong Cao, Approximation by semigroup of spherical operators, Frontiers of Mathematics in China, April 2014, Volume 9, Issue 2, pp 387-416

103. Samarskii, A.A., Vabishchevich, P.N., **Илев, O.P.**, Churbanov, A.G., Numerical simulation of convection/diffusion phase change problems-a review, International Journal of Heat and Mass Transfer, 36 (17), (**1993**) pp. 4095-4106.

цитирана в:

184. Carmona, M., Cortés, C., Numerical simulation of a secondary aluminum melting furnace heated by a plasma torch, Journal of Materials Processing Technology, 214 (2), (2014) pp. 334-346.

104. **Ts. Tsachev**, V. Angelov, Fixed points of nonself mappings and applications, Nonlinear Analysis: TMA, v. 21 (**1993**), No 1, 9—16.

цитирана в:

185. Binayak S. Choudhury, Pranati Maity, Conditions of non-empty intersections of closed sets using non-self maps, *Advances in Fixed Point Theory*, v. 4 (2014), No 1, 91—101. ISSN: 1927-6303.

105. **J.P. Revalski** and **N.V. Zhivkov**, Well-posed constrained optimization problems in metric spaces, *J. Opt. Theory Appl.*, 76(1)(**1993**), 145--163. ISSN: 0022-3239 (print version) ISSN: 1573-2878 (electronic version)

цитирана в:

186. X.Deng and S. Xiang, Well-posed generalized vector equilibrium problems, *Journal of Inequalities and Applications* 2014, 2014:127 doi:10.1186/1029-242X-2014-127; ISSN: 1029-242X (electronic version)

106. **Dimitrova, L., R. Pavlov**. Natural Language and Logic Grammar's Formalisms. (K. Chimev and Sl. Shtrakov Eds. **1993**) *Discrete Mathematics and Applications*, Blagoevgrad, **1993**, 73-94.

цитирана в:

187. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

107. T. Gramchev, P. Popivanov, M. Yoshino. Some examples of global Gevrey hypoellipticity and solvability, *Proc. Japan Acad., Ser. A* 69:10 (**1993**), pp. 395-398.

цитирана в:

188. Albanese, D. Jornet. Global regularity in ultradifferential classes, *An. Di Mat. Pura Appl.* 193:2 (2014), pp. 369 – 387, ISSN: 0373-3114

108. T. Gramchev, P. Popivanov, M. Yoshino. Global properties in spaces of generalized functions on the torus for drcond order differential operators with variable coefficients, *Rend. Sem. Mat. Univ. Pol. Torino* 51:2 (**1993**), pp. 145 – 172. ISSN 0373-1243

цитирана в:

189. Albanese, D. Jornet. Global regularity in ultradifferential classes, *An. Di Mat. Pura Appl.* 193:2 (2014), pp. 369 – 387, ISSN: 0373-3114

1994

- 109. Kiryakova V.**, *Generalized Fractional Calculus and Applications*, Longman Sci. & Techn., Harlow – UK (Copubl. by J. Wiley & Sons Inc, USA), **1994**, 402 p., ISBN 0-582-21977-9

цитирана в:

190. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)
191. Atanacković, T.M., Pilipović, S., Stanković, B., Zorica, D., *Fractional Calculus with Applications in Mechanics. Vibrations and Diffusion Processes*, ISTE Ltd and John Wiley & Sons, 2014, London (UK) and Hoboken (USA), ISBN 978-1-84821-417-0 (on page 300)
192. Atanacković, T.M., Pilipović, S., Stanković, B., Zorica, D., *Fractional Calculus with Applications in Mechanics. Wave Propagation, Impact and*

- variational Principles*, ISTE Ltd and John Wiley & Sons, 2014, London (UK) and Hoboken (USA), ISBN 978-1-84821-679-2 (on page 391)
193. Baqer, Saleh Ahmad, “On the Fractional Schrodinger Equation”, *M.Sc. in Math. Thesis*, College of Graduate Studies – Kuwait Univ., Kuwait, Oct. 2014, 63 p.
 194. Wang, G.-W., Xu, T.-Z., Invariant analysis and exact solutions of nonlinear time fractional Sharma-Tasso-Olver equation by Lie group analysis, *Nonlinear Dynamics*, 2014, 76(1), pp. 571-580, ISSN 0924-090X
 195. Bai, Z., Sun, S., Chen, Y., The existence and uniqueness of a class of fractional differential equations, *Abstract and Applied Analysis*, 2014, Article #486040, ISSN 1085-3375, 1687-0409
 196. Choi, J., Agarwal, P., Some new Saigo type fractional integral inequalities and their q-analogues, *Abstract and Applied Analysis*, 2014, Article #579260, ISSN 1085-3375, 1687-0409
 197. Karapetyants, A., Kodzoeva, F., Characterization of weighted analytic Besov spaces in terms of operators of fractional differentiation // *Fract. Calc. Appl. Anal.*, 2014, 17, No 3, 897-906, ISSN 1311-0454, 1314-2224.
 198. Garra, R., Giusti, A., Mainardi, F., Pagnini, G., Fractional relaxation with time-varying coefficient // *Fract. Calc. Appl. Anal.*, 2014, 17, No 2, 424-439, ISSN 1311-0454, 1314-2224
 199. Baleanu, D., Agarwal, P., On generalized fractional integral operators and the generalized Gauss hypergeometric functions // *Abstract and Applied Analysis*, 2014, 2014, Article # 630840, ISSN 1085-3375, 1687-0409
 200. Xin, J., Zhu, C., Wang, J., Chen, F., Nondecreasing solutions of fractional quadratic integral equations involving Erdélyi-Kober singular kernels // *Topological methods in Nonlinear Analysis*, 2014, 44, No 1, 73-88, ISSN 1230-3429
 201. Denton, Z., Generalized extension of the quasilinearization method for Riemann-Liouville fractional differential equations // *Dynamic Systems and Applications*, 2014, 23, No 2-3, 333-350, ISSN 1056-2176
 202. Herrmann, R., Reflection symmetric Erdelyi-Kober type operators – A quasi-particle interpretation // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1215–1228, ISSN:1311-0454, 1314-2224
 203. Tarasov, V., Fractional order variational derivative // *Intern. J. Appl. Math.*, 2014, 27, No 5, 491-518, ISSN 1311-1728, 1414-8060, doi: 10.12732/ijam.v25i5.7
 204. De Oliveira, E.C., Tenreiro Machado, J.A., A review of definitions for fractional derivatives and integrals // *Mathematical Problems in Engineering*, 2014, 2014, Article # 238459, ISSN 1024-123X, 1563-5147
 205. Blaszczyk, T., Ciesielski, M., Numerical solution of fractional Sturm-Liouville equation in integral form // *Fract. Calc. Appl. Anal.*, 2014, 17, No 2, 307-320, ISSN 1311-0454, 1314-2224
 206. Paneva-Konovska J., A family of hyper-Bessel functions and convergent series in them // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1001–1015, ISSN:1311-0454, 1314-2224
 207. Wang, G., Agarwal, P., Chand, M., Certain Grüss type inequalities involving the generalized fractional integral operator // *J. of Inequalities and*

- Applications, 2014, 2014, No 1, Article # 147, ISSN 1025-5834, 1029-242X
208. Ezzat, M. A., Alsaywan, N.S., Al-Muhiameed, Z.I.A., Ezzat, S.M., Fractional modelling of Pennes' bioheat transfer equation // Heat and Mass Transfer, 2014, 50, No 7, 907-914, ISSN 0947-7411
 209. Bourdin, L., Odziejewicz, T., Torres, D. F. M., Existence of minimizers for generalized lagrangian functionals and a necessary optimality condition - Application to fractional variational problems // Differential and Integral Equations, 2014, 27, No 7-8, 743-766, ISSN 0893-4983
 210. Rao, S. B., Prajapati, J. C., Patel, A. D., Shukla, A. K., Some properties of Wright-type generalized hypergeometric function via fractional calculus // Advances in Difference Equations, 2014, 2014, No 1, Article # 119, ISSN 1687-1839, 1687-1847
 211. Li, C.-G., Kostic, M., Li, M., Abstract multi-term fractional differential equations // Kragujevac J. of Mathematics, 2014, 38, No 1, 51-71, ISSN 1450-9628
 212. Duan, J.-S., Wang, Z., Fu, S.-Z., The zeros of the solutions of the fractional oscillation equation // Fract. Calc. Appl. Anal., 2014, 17, No 1, 10-22, ISSN 1311-0454, 1314-2224
 213. Ibrahim, R. W., Jahangiri, J. M., Boundary fractional differential equation in a complex domain // Boundary Value Problems, 2014, 2014, Article # 66, ISSN 1687-2762, 1687-2770
 214. Baleanu, D., Purohit, S.D., Chebyshev type integral inequalities involving the fractional hypergeometric operators // Abstract and Applied Analysis, 2014, 2014, Article# 609160, ISSN 1085-3375, 1687-0409
 215. Nair, D. H., Pathan, M. A., Compositions of Saigo fractional integral operators with generalized Voigt function // Matematicki Vesnik, 2014, 66, No 3, 323-332, ISSN 0025-5165
 216. Anastassiou, G., Most general fractional representation formula for functions and implications // Serdica Math. J., 2014, 40, No 1, 89-98, ISSN 1310-6600
 217. Herrmann, R., Towards a geometric interpretation of generalized fractional integrals - Erdélyi-Kober type integrals on \mathbb{R}^N , as an example // Fract. Calc. Appl. Anal., 2014, 17, No 2, 361-370, ISSN 1311-0454, 1314-2224
 218. Rad, J. A., Kazem, S., Shaban, M., Parand, K., Yildirim, A., Numerical solution of fractional differential equations with a Tau method based on Legendre and Bernstein polynomials // Mathematical methods in the Applied Sciences, 2014, 37, No 3, 329-342, ISSN 0170-4214, 1099-1476
 219. Wang, G. W., Xu, T. Z., Feng, T., Lie symmetry analysis and explicit solutions of the time fractional fifth-order KdV equation // PLoS ONE, 2014, 9, No 2, Article # 88336, ISSN 1932-6203
 220. Tomovski, Z., Garra, R., Analytic solutions of fractional integro-differential equations of Volterra type with variable coefficients // Fract. Calc. Appl. Anal., 2014, 17, No 1, 38-60, ISSN 1311-0454, 1314-2224
 221. Kim, M.-H., Ri, G.-C., O, H.-Chol, Operational method for solving multi-term fractional differential equations with the generalized fractional

- derivatives // *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 79-95, ISSN 1311-0454, 1314-2224
222. Hanna, L. A.-M., Luchko, Y. F., Operational calculus for the Caputo-type fractional Erdélyi-Kober derivative and its applications // *Integral Transforms and Special Functions*, 2014, 25, No 5, 359-373, ISSN 1065-2469, 1476-8291
223. Klimek, M., Odziejewicz, T., Malinowska, A.B., Variational methods for the fractional Sturm-Liouville problem // *J. Math. Analysis and Appl.*, 2014, 416, No 1, 402-425, ISSN 0022-247X, 1096-0813
224. Esmaeili, S., Milovanovic, G., Nonstandard Gauss-Lobatto quadrature approximation to fractional derivatives // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1075–1099, ISSN:1311-0454, 1314-2224
225. Stewart, D. E., Nonuniqueness and fractional index convolution complementarity problems // *Electr. J. of Differential Equations*, 2014, 2014, 9p., ISSN 1072-6691, 1550-6150
226. Luo M.-J., Milovanovic G. V., Agarwal P., Some results on the extended beta and extended hypergeometric functions // *Applied Math. and Computation*, 2014, 248, 631-651, ISSN 0096-3003, 1873-5649
227. Bandyopadhyay, B., Kamal, S., Stabilization and control of fractional order systems: A sliding mode approach // *Lecture Notes in Electr. Engineering*, 2014, 317, 1-231, ISSN 1876-1100

110. **Drensky, V.:** A. Giambruno, Cocharacters, codimensions and Hilbert series of the polynomial identities for 2×2 matrices with involution, *Can. J. Math.* 46 (1994), 718-733. ISSN 0008-414X; 1496-4279.

цитирана в:

228. Di Vincenzo, O. M., V. R. T. da Silva: On Z_2 -graded identities of the generalized Grassmann envelope of the upper triangular matrices $UT_{k,l}(F)$, *J. Pure Appl. Algebra* 218 (2014), 285-296. ISSN 0022-4049.
229. Di Vincenzo, O. M., V. Nardoza: *-polynomial identities of a nonsymmetric *-minimal algebra, *Algebr. Represent. Theory* 17 (2014), No. 1, 181-198. ISSN 1386-923X, 1572-9079.
230. Centrone, L.: Z_2 -graded Gelfand-Kirillov dimension of the Grassmann algebra, arXiv: 1402.1403 [math.RA].
231. Centrone, L., A. Cirrito: Y -Proper graded cocharacters of upper-triangular matrices of order m graded by the m -tuple $\varphi=(0,0,1,\dots,m-2)$, arXiv:1407.1701v1 [math.RA].
232. Sviridova, I.: Finite basis problem for identities with involution, arXiv: 1410.2233v1 [math.RA].

111. **Pericliev, Vladimir. Grigorov, Alexander.** 1994. Parsing a Flexible Word Order Language, 15th International Conference on Computational Linguistics, COLING, Kyoto, pp. 391–395, 1994

цитирана в:

233. Skorzewski, P. and K.-Jassem. 2014. Probabilistic Tree-generating Binary Grammars. *Poznan Studies in Contemporary Linguistics*, vol.50, 2014. ISSN: 1897-7499

234. Skorzewski, P. 2014. Wydajne algorytmy parsowania dla języków o szyku swobodnym. Uniwersytet im. Adama Mickiewicza w Poznaniu Wydział Matematyki i Informatyki. Ph.D. Thesis

112. Margulis, G., **G. Tomanov**: Invariant measures for actions of unipotent groups over local fields on homogeneous spaces. *Invent. Math.* 116 (1994), no. 1-3, 347–392.

цитирана в:

235. Morris, D.W., Kevin Wortman: Horospherical limit points of S-arithmetic groups. *New York J. Math.* 20 (2014), 367–376.

113. **Gateva-Ivanova, T.**: Noetherian properties of skew polynomial rings with binomial relations, *Trans. Amer. Math. Soc.* 343, (1994), 203-219. ISSN 1088-6850(online) ISSN 0002-9947(print)

цитирана в:

236. Rump, W.: The brace of a classical group, *Note Mat.* 34 (2014) no. 1, 115-144. doi:10.1285/i15900932v34n1p115 ISSN 1123-2536, e-ISSN 1590-0932

114. 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 0444 89928 6.

цитирана в:

237. Proinov, P., M. Petkova, Convergence of the two-point Weierstrass root-finding method, *Japan Journal of Industrial and Applied Mathematics*, 31 (2), 2014, 279-292.
238. Petkovic, M., L. Petkovic, J. Dzunic, On an efficient method for the simultaneous approximation of polynomial multiple roots, *Applicable Anal. and Discrete Math.*, 8, 2014, 73-94.
239. Proinov, P., S. Cholakov, Semilocal convergence of Chebyshev-like root-finding method for simultaneous approximation of polynomial zeros, *Journal of Applied Mathematics and Computation*, 236, 2014, 669-682.
240. Петкова, М., Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременно апроксимиране на нули на полином, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.
241. Иванов, С., Сходимост на итерационния метод на Халей за индивидуална и едновременна апроксимация на нули на полином, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.
242. Dimitrova, N., Global Analysis of a Nonlinear Model for Biodegradation of Toxic Compounds in a Wastewater Treatment Process, M. Fontes et al. (eds.), *Progress in Industrial Mathematics at ECMI 2012, Mathematics in Industry 19*, Springer International Publishing Switzerland, 2014, 47-52.
243. Чолаков, С., Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми, Дисертационен

труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.

115. DeVore, R. A.; **Petrushev, P. P.**; Temlyakov, V. N., Multidimensional approximations by trigonometric polynomials with harmonics of a hyperbolic cross. *Mat. Zametki* 56 no. 3, 158 (1994), 36-63.

цитирана в:

244. Jiang, Ying; Xu, Yuesheng Fast computation of the multidimensional discrete Fourier transform and discrete backward Fourier transform on sparse grids. *Math. Comp.* 83 no. 289, (2014), 2347–2384.

116. **Kovacheva R.K.**, H. Gonska. The second order modulus revisited: remarks, applications, problems // *Conf. Sem. Mat. Univ. Bari*, 1994, 1 - 36.

цитирана в:

245. Acar T., A. Aral, I. Rasa. Power series of Beta operators // *Applied Mathematics and Computation*,. Volume 247, 2014, Pages 815–823, ISSN: 0096-3003
246. Render. Convergence of rational Bernstein operators // *Applied Mathematics and Computation*,. Volume 232, 2014, Pages 1076–1089, ISSN: 0096-3003
247. Gonska H., I. Raşa. Sur la suite des opérateurs Bernstein composés, arXiv:1402.2520, 2014
248. Raşa I., E. Stănilă. On some operators linking the Bernstein., // *Journal of Applied Functional Analysis*, Vol. 9, 2014, Issue 1/2, p. 369-378, ISSN:1559-1948 (print), 1559-1956 (online)
249. Acu A. M, M. D. Rusu. Improvement and generalization of some Ostrowski type inequalities // *Journal of Applied Functional Analysis*, Vol. 9, 2014, Issue 1/2, pp 216-229. ISSN:1559-1948 (print), 1559-1956 (online)
250. Stănilă E. On Bernstein-Euler-Jacobi Operators. 2014 - muvin.uni-due.de-PhD-Thesis

117. Mohamed A., **G. D. Raikov**, *On the spectral theory of the Schrödinger operator with electromagnetic potential*, In: *Adv. Part. Diff. Equat. 5, Pseudo-Differential Calculus and Mathematical Physics*, (1994) Akademie-Verlag, pp. 298-390. ISBN: 3527400389

цитирана в:

251. Dimassi M., A. T. Duong, Trace asymptotics formula for the Schrödinger operators with constant magnetic fields, *J. Math. Anal. Appl.* **416** (2014), 427-448. ISSN: 0022-247X
252. Eyvazov E., On the properties of the resolvent of two-dimensional magnetic Schrödinger operator, *Azerb. J. Math.* **5** (2015). ISSN: 2218-6816

118. M.M. Coban, **P.S. Kenderov** and **J.P. Revalski**, Densely defined selections of multivalued mappings, *Trans. Amer. Math. Soc.*, 344(1994), 533--552. ISSN 1088-6850(online) ISSN 0002-9947(print)

цитирана в:

253. D. Repovš, P. V. Semenov, Continuous Selections of Multivalued Mappings, in *Recent Progress in General Topology III*, (Eds. K.P. Hart et al.), 2014, 711--749. ISBN: 978-94-6239-023-2 (Print) 978-94-6239-024-9 (Online)

254. D. Aussel and Y. Garcia, On extensions of Kenderov's single-valuedness result for monotone maps and quasimonotone maps, *SIAM J. Optimization*, 24(2)(2014), 702--713. ISSN 1052-6234.

119. A.S. Konsulova and **J.P. Revalski**, Constrained convex optimization problems--well-posedness and stability, *Numer. Funct. Anal. Optim.*, 15(1994), 889--907. ISSN 0163-0563 (Print), 1532-2467 (Online)

цитирана в:

255. C. S. Lalitha, P. Chatterjee, Levitin–Polyak well-posedness for constrained quasiconvex vector optimization problems, *Journal of Global Optimization*, 59, No.1 (2014), 191--205. ISSN: 0925-5001 (Print)1573-2916 (Online)
256. J.-w. Chen and Y.-C. Liou, Systems of parametric strong quasi-equilibrium problems: existence and well-posedness aspects, *Taiwanese J. Mathematics*, 18, No. 2, (2014), 337--355. DOI: 10.11650/tjm.18.2014.3495
257. X.-b. Li, R.P Agarwa, Y.J. Cho and N.-j. Huang, The well-posedness for a system of generalized quasi-variational inclusion problems, *J. of Inequalities and Applications*, 2014:321, doi:10.1186/1029-242X-2014-321, IF:0.77, ISSN: 1029-242X (electronic version)
258. P. Chatterjee, C. S. Lalitha, Scalarization of Levitin–Polyak well-posedness in vector optimization using weak efficiency, *Optimization Letters*, April 2014, 10.1007/s11590-014-0745-7, Print ISSN1862-4472
259. K. Wang, W. Zhang and M. Fang, Existence and Well-Posedness for Symmetric Vector Quasi-Equilibrium Problems, *Abstract and Applied Analysis*, Volume 2014, Article ID 750709, 6 pages, <http://dx.doi.org/10.1155/2014/750709>; ISSN: 1085-3375 (Print)
260. Yu Han and Xun-Hua Gong, Levitin–Polyak well-posedness of symmetric vector quasi-equilibrium problems, *Optimization*, Online February 2014, DOI:10.1080/02331934.2014.886037; ISSN 0233-1934 (Print), 1029-4945 (Online)
261. P.Q. Khanh, S. Plubtieng and K. Sombut, LP Well-Posedness for Bilevel Vector Equilibrium and Optimization Problems with Equilibrium Constraints, *Abstract and Applied Analysis*, Volume 2014 (2014), Article ID 792984, 7 pages, <http://dx.doi.org/10.1155/2014/792984>; ISSN: 1085-3375 (Print)

120. D. Bainov and V. Covachev, Impulsive Differential Equations with a Small Parameter, *Series on Advances in Mathematics for Applied Sciences – 24*, World Scientific Publishers, Singapore, New Jersey, London, Hong Kong, 1994, 268 p.

цитирана в:

262. Yuji Liu, Bashir Ahmad, A study of impulsive multiterm fractional differential equations with single and multiple base points and applications, *The Scientific World Journal*, 2014 (2014), Art. No. 194346.
263. Yapei Wang, Min Zhao, Xinhong Pan, and Chuanjun Dai, Dynamic analysis of a phytoplankton-fish model with biological and artificial control, *Discrete Dynamics in Nature and Society*, 2014 (2014), Art. No. 914647, 15 pp.
264. Andrei Radoslavov Antonov, Periodic Solutions of Differential Equations with Variable Structure and Impulses, Ph. D. Thesis, University of Chemical Technology and Metallurgy, Sofia, Bulgaria, 2014.

265. Min Zhao, Chuanjun Dai, Nonlinear dynamic in an ecological system with impulsive effect and optimal foraging, *Abstract and Applied Analysis*, 2014 (2014), Art. ID 169609, 12 pp.
266. Irena Rach^ounkov[´]a, Jan Tome^ˇcek, Fixed point problem associated with state-dependent impulsive boundary value problems, *Boundary Value Problems*, 2014 (2014), 17 pp.

121. D. D. Bainov and V. Chr. Covachev, Periodic solutions of impulsive systems with a small delay, *Journal of Physics A: Mathematical and General*, 27 (1994), 5551–5563.

цитирана в:

267. Longsheng Bao, Binxiang Dai, Periodic solutions for second order Hamiltonian systems via the local linking theorem, *Abstract and Applied Analysis*, 2014 (2014), Article ID 250870, 7 pp.

122. D. D. Bainov, V. Chr. Covachev, I. M. Stamova, Stability under persistent disturbances of impulsive differential–difference equations of neutral type, *Journal of Mathematical Analysis and Applications*, 187 (1994), No. 3, 790–808.

цитирана в:

268. Andrei Radoslavov Antonov, Periodic Solutions of Differential Equations with Variable Structure and Impulses, Ph. D. Thesis, University of Chemical Technology and Metallurgy, Sofia, Bulgaria, 2014.

123. E. Horozov, I.D. Iliev, On saddle-loop bifurcations of limit cycles in perturbations of quadratic Hamiltonian systems, *J. Differential Equations* 113 (1994), no. 1, 84--105.

цитирана в:

269. Yanyan Chen, Yulin Zhao, The cyclicity of quadratic reversible system with a center of genus one and non-Morsean point, *Appl. Math. & Comput.* 231 (2014), 268--275.

124. E. Horozov, I.D. Iliev, On the number of limit cycles in perturbations of quadratic Hamiltonian systems, *Proc. London Math. Soc.* (3) 69 (1994), no. 1, 198--224.

цитирана в:

270. Linping Peng, You Li, On the limit cycles bifurcating from a quadratic reversible center of genus one, *Mediterr. J. Math.* 11 (2014), 373--392, doi: 10.1007/s00009-013-0325-6.
271. Juanjuan Wu, Yongkang Zhang, Cuiping Li, On the number of zeros of Abelian integrals for a kind of quartic Hamiltonians, *Appl. Math. Comput.* 228 (2014), 1 Feb., 329--335.
272. Li Qin Zhao, De Ping Li, Bifurcations of limit cycles from a quintic Hamiltonian system with a heteroclinic cycle, *Acta Math. Sinica (Engl. Ser.)* 30 (2014), no. 3, 411--422.
273. Yi Shao, Kuilin Wu, Bifurcation of limit cycles for cubic reversible systems, *Electr. J. Differential Equations* 2014 (2014), no. 96, 1--10.
274. Linping Peng, Zhaosheng Feng, Changjian Liu, Quadratic perturbations of a quadratic reversible Lotka-Volterra system with two centers, *Discr. Contin. Dynam. Syst.* 34 (2014), no. 11, 4807--4826.

275. Wu Kuilin, Shao Yi, Quadratic perturbations of a quadratic reversible Lotka-Volterra system of genus one with two centers, *Acta Math. Scientia (Ser. A)* 31 (2014), no. 5, 1275--1286. [Chinese]
276. Yirong Liu, Jibin Li, Wentao Huang, *Planar Dynamical Systems (Selected Classical Problems)*, De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1
125. I.D. Iliev, E.Kh. Khristov and K.P. Kirchev, *Spectral methods in soliton equations*, Pitman Monographs and Surveys in Pure and Applied Mathematics 73, Longman Scientific & Technical (Copublished in the US with John Wiley & Sons) (1994), pp x + 384, ISBN 0-582-23963-X, 0-470-23477-6.

цитирана в:

277. V.S.Gerdjikov, A.B. Yanovski, CBC systems with Mikhailov reductions by Coxeter automorphism: I. Spectral theory of the recursion operators, *Studies in Appl. Math.* [to appear], Published online 3.9.2014.

1995

126. 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**

цитирана в:

278. Michaelsen, Kelly E., Krishnaswamy, Venkataramanan, Shenoy, Adele, Jordan, Emily, Pogue, Brian W., Paulsen, Keith D. Anthropomorphic breast phantoms with physiological water, lipid, and hemoglobin content for near-infrared spectral tomography, *Journal of Biomedical Optics*. N1 - 10.1117/1.JBO.19.2.026012. Vol. 19. Num. 2. 2014, @**2014**
279. Price, E.R., Brooks, J.D., Watson, E.J., Brennan, S.B., Comen, E.A., Morris, E.A. The Impact of Bilateral Salpingo-Oophorectomy on Breast MRI Background Parenchymal Enhancement and Fibroglandular Tissue. *J European Radiology*. Vol. 24. Num. 1, pp. 162-168. ISSN 0938-7994. 2014. <http://dx.doi.org/10.1007/s00330-013-2993-9>, @**2014**
280. Kang, S. S., Ko, E. Y., Han, B.-K., Shin, J. H., Hahn, S. Y. and Ko, E. S. (2014), Background parenchymal enhancement on breast MRI: Influence of menstrual cycle and breast composition. *J. Magn. Reson. Imaging*, 39: 526–534. doi: 10.1002/jmri.24185, @**2014**
281. Minarikova, Lenka, Gruber, Stephan, Bogner, Wolfgang, Pinker-Domenig, Katja, Baltzer, Pascal A.T., Helbich, Thomas H., Trattning, Siegfried, Chmelik, Marek. Dixon imaging-based partial volume correction improves quantification of choline detected by breast 3D-MRSI. *J European Radiology*, pp. 1-7. 2014. ISSN 0938-7994. <http://dx.doi.org/10.1007/s00330-014-3425-1>, @**2014**
282. Amy Melsaether, Meredith McDermott, Dipti Gupta, Kristine Pysarenko, Sara D. Shaylor and Linda Moy. Inter- and Intra-reader Agreement for Categorization of Background Parenchymal Enhancement at Baseline and After Training. *American Journal of Roentgenology*. 2014;203: 209-215. <http://www.ajronline.org/doi/abs/10.2214/AJR.13.10952>, @**2014**

283. Kelly Michaelson. Combined Digital Breast Breast Tomosynthesis and Near-Infrared Spectral Tomography for Breast Lesion Characterization PhD Thesis. Thayer School of Engineering, Dartmouth College, Hanover, New Hampshire, April 2014, @2014

127. **Dimovski I. H.**, Nonlocal operational calculi. // *Proc. Steklov Inst. Math.* 2 (1995), pp. 53–56.
цитирана в:

284. Tsankov, Y.T., A theorem of uniqueness of the solution of nonlocal evolution boundary value problem. // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 945–953, ISSN 1311-0454, 1314-2224

128. **Kiryakova V.**, V. Hernandez-Suarez, Bessel-Clifford third order differential operator and corresponding Laplace type integral transform // *Dissertationes Mathematicae*, 340 (1995), 143-161.

цитирана в:

285. Paneva-Konovska J., A family of hyper-Bessel functions and convergent series in them // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1001–1015, ISSN:1311-0454, 1314-2224

129. N. Ribarska, **Ts. Tsachev**, M. Krastanov, Deformation Lemma, Ljusternik-Schnirelmann Theory and Mountain Pass Theorem on C^1 -Finsler Manifolds, *Serdica Math. J.*, v. 21 (1995), 239--266

цитирана в:

286. R. Kajikiya, Three positive solutions of the one-dimensional generalized Henon equation, *Results in Mathematics*, v. 66 (2014), № 3-4, 427-459, DOI 10.1007/s00025-014-0385-3. ISSN: 1422-6383 (Print) 1420-9012 (Online)
287. Zhijie Chen, Chang-Shou Lin, Wenming Zou, Sign-changing Solutions and Phase Separation for an Elliptic System with Critical Exponent, *Communications in Partial Differential Equations*, v. 39 (2014), No 10, 1827-1859, DOI: 10.1080/03605302.2014.908391. ISSN 0360-5302 (Print), 1532-4133 (Online)

130. R. Lucchetti, **J.P. Revalski** (eds), Recent Developments in Well-posed Variational Problems, Mathematics and its Applications Vol. 331, Kluwer Academic Publishers, Dordrecht, 1995. ISBN 978-0-7923-3576-4. Тематичен сборник

цитирана в:

288. K. Wang, W. Zhang and M. Fang, Existence and Well-Posedness for Symmetric Vector Quasi-Equilibrium Problems, *Abstract and Applied Analysis*, Volume 2014, Article ID 750709, 6 pages, <http://dx.doi.org/10.1155/2014/750709>; ISSN: 1085-3375 (Print)
289. P.Q. Khanh, S. Plubtieng and K. Sombut, LP Well-Posedness for Bilevel Vector Equilibrium and Optimization Problems with Equilibrium Constraints, *Abstract and Applied Analysis*, Volume 2014 (2014), Article ID 792984, 7 pages, <http://dx.doi.org/10.1155/2014/792984>; ISSN: 1085-3375 (Print)

131. **Markov, S.** Directed Interval Arithmetic and its Applications, *J. Univers. Comput. Sci.*,1,

(1995) pp. 514-526

цитирана в:

290. Boukezzoula, R., Galichet, S., Foulloy, L., Elmasry, M., Extended gradual interval (EGI) arithmetic and its application to gradual weighted averages, *Fuzzy Sets and Systems*, 257 (2014), pp. 67 – 84.

132. **Kyurkchiev, N.**, Initial approximations in Euler – Chebyshev's method, *J. of Comput. and Appl. Math.*, Vol. 58, **1995**, 233-236

цитирана в:

291. M. Lazaro, P. Martin, A. Agüero, I. Ferrer, The polynomial pivots as initial values for a new root-finding iterative method, *Journal of Applied Mathematics*, Vol. 2014, 2014, 20 pages.; <http://www.hindawi.com/journals/jam/aip/413816/>

133. **Krastanov, M. I.**, Forward Invariant Sets, Homogeneity and Small-Time Local Controllability, *Geometry in nonlinear control*, Banach Center Publications, **1995**, 287-300

цитирана в:

292. Jacek B. Krawczyk, Kenneth L. Judd, Which economic states are sustainable under a slightly constrained tax-rate adjustment policy, *Munich Personal RePEc Archive paper*, <http://mpira.ub.uni-muenchen.de/59027/>, 2014.

134. Ribarska, N., Ts. Tsachev, **M. Krastanov**, Deformation Lemma, Ljusternik-Schnirelmann Theory and Mountain Pass Theorem on C-1- Finsler Manifolds, *Serdika Marh. J*, Volume 21, **1995**, 239-266

цитирана в:

293. Zhijie Chena, Chang-Shou Linb, Wenming Zouc, Sign-changing Solutions and Phase Separation for an Elliptic System with Critical Exponent, *Communications in Partial Differential Equations* 39 (10), 2014, 1827-1859.

135. **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

цитирана в:

294. H. Haobo, J. Shin, J. Kim, Dynamics of a compound droplet in shear flow. *Int. J. of Heat and Fluid Flow* (2014).
doi:10.1016/j.ijheatfluidflow.2014.05.007

136. Z. Ditzian, V. Hristov, **K. G. Ivanov**. Moduli of Smoothness and K-functionals in L_p , $0 < p < 1$, *Constructive approximation*, ISSN: 0176-4276, IF (2010): 1,987, 11, **1995**, 67-83.

цитирана в:

295. P Glazyrina, S Tikhonov, Jacobi weights, fractional integration, and sharp Ulyanov inequalities, *Journal of Approximation Theory*, 2014, DOI: 10.1016/j.jat.2014.05.005
296. S.Z. Jafarov, Approximation by Trigonometric Polynomials in Rearrangement Invariant Quasi Banach Function Spaces, *Mediterranean Journal of Mathematics*, February 2014, DOI 10.1007/s00009-014-0389-y

297. K. Kopotun, Polynomial approximation with doubling weights, arXiv:1408.5452, 2014.
298. K. Kopotun, Polynomial approximation with doubling weights having finitely many zeros and singularities, arXiv:1408.7110, 2014.
299. K. Runovski, H.-J. Schmeisser, General Moduli of Smoothness and Approximation by Families of Linear Polynomial Operators, New Perspectives on Approximation and Sampling Theory, Applied and Numerical Harmonic Analysis, 2014, 269-298.

137. **Dimitrova, L., R. Pavlov.** Discontinuous Grammars and Some Constituents Movements in Bulgarian Language. Research in Mathematics, vol. 5: Discrete Mathematics and Applications, edited by Sl. Shtrakov and Iv. Mirchev, Blagoevgrad, **1995**, 141-148

цитирана в:

300. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

1996

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

цитирана в:

301. Oakden, Wendy, Stanisz, Greg J.. Effects of diffusion on high-resolution quantitative T2 MRI. NMR in Biomedicine. Vol. 27. Num. 6. ISSN 1099-1492. 672- 680. 2014. DOI: 10.1002/nbm.3104, @**2014**
302. Oakden, Wendy, Stanisz, Greg J. Effects of diffusion on high-resolution quantitative T2 MRI. NMR in Biomedicine. Vol. 27. Num. 6. ISSN 1099-1492. 672- 680. 2014. DOI: 10.1002/nbm.3104, @**2014**
303. Alonso-Ortiz, Eva, Levesque, Ives R., Pike, G. Bruce. MRI-based myelin water imaging: A technical review. Magnetic Resonance in Medicine. ISSN 1522-2594. DOI: 10.1002/mrm.25198. 2014, @**2014**
304. Bjirk, Marcus, Stoica, Petre. New approach to phase correction in multi-echo relaxometry. Journal of Magnetic Resonance. Vol. 249. 100- 107. 2014. ISSN 1090-7807. DOI: <http://dx.doi.org/10.1016/j.jmr.2014.09.025>, @**2014**
305. Hirsch, Nuria M., Toth, Vivien, Förschler, Annette, Kooijman, Hendrik, Zimmer, Claus, Preibisch, Christine. Technical considerations on the validity of blood oxygenation level-dependent-based MR assessment of vascular deoxygenation. NMR in Biomedicine. Vol. 27. Num. 7. ISSN 1099-1492. DOI: 10.1002/nbm.3131. 853- 862. 2014, @**2014**
306. Irrechukwu, Onyi N., Thaer, Sarah Von, Frank, Eliot H., Lin, Ping-Chang, Reiter, David A., Grodzinsky, Alan J., Spencer, Richard G.. Prediction of cartilage compressive modulus using multiexponential analysis of T2 relaxation data and support vector regression. NMR in Biomedicine. Vol. 27. Num. 4. ISSN 1099-1492. DOI: 10.1002/nbm.3083. 468- 477. 2014, @**2014**
307. Li, Shihong, Chang, Eric Y., Bae, Won C., Chung, Christine B., Gao, Song, Bao, Shanglian, Bydder, Graeme M., Hua, Yanqing, Du, Jiang. Ultrashort

echo time bi-component analysis of cortical bone—a field dependence study. *Magnetic Resonance in Medicine*. Vol. 71. Num. 3. ISSN 1522-2594. DOI: 10.1002/mrm.24769. 1075- 1081. 2014, @2014

308. Cohen-Adad, J. What can we learn from T2* maps of the cortex?. *NeuroImage*. Vol. 93, Part 2. 189- 200. 2014. ISSN 1053-8119. DOI: <http://dx.doi.org/10.1016/j.neuroimage.2013.01.023>, @2014
309. Huang, Chuan, Galons, Jean-Philippe, Graff, Christian G., Clarkson, Eric W., Bilgin, Ali, Kalb, Bobby, Martin, Diego R., Altbach, Maria I. Correcting partial volume effects in biexponential T2 estimation of small lesions. *Magnetic Resonance in Medicine*. ISSN 1522-2594. DOI: 10.1002/mrm.25250. 2014, @2014
310. Li, Shihong and Chang, Eric Y. and Bae, Won C. and Chung, Christine B. and Hua, Yanqing and Zhou, Yi and Du, Jiang. The effect of excitation and preparation pulses on nonslice selective 2D UTE bicomponent analysis of bound and free water in cortical bone at 3T. *Medical Physics*, 41, 022306 (2014), DOI:<http://dx.doi.org/10.1118/1.4862838>, @2014
311. Raj A, Pandya S, Shen X, LoCastro E, Nguyen TD, et al. (2014) Multi-Compartment T2 Relaxometry Using a Spatially Constrained Multi-Gaussian Model. *PLoS ONE* 9(6): e98391. doi:10.1371/journal.pone.0098391, @2014
312. Ahmadi, Tara. Investigating the myelin water fraction as a function of TR and the intra/extra cellular water geometric mean T2 as a function of refocusing interval. Master of Science – MSc. Univ. of British Columbia. 2014, @2014

139. **Drensky, V.:** A. Regev, Exact asymptotic behaviour of the codimensions of some P.I. algebras, *Israel J. Math.* 96 (1996), 231-242. ISSN 0021-2172; 1565-8511.

цитирана в:

313. Giambruno, A., D. La Mattina, M. Zaicev: Classifying the minimal varieties of polynomial growth, *Canad. J. Math.* 66 (2014), No. 3, 625-640. ISSN 0008-414X, 1496-4279.
314. Belov-Kanel, A., A. Giambruno, L. H. Rowen, U. Vishne: Zariski Closed Algebras in Varieties of Universal Algebra, *Algebras and Representation Theory* 17 (2014), No. 6, 1771-1783. ISSN 1386-923X, 1572-9079.
315. Ratseev, S. M.: Numerical characteristics of some varieties of linear algebras (Russian), Ph. D. Thesis, Univ. of Ulyanovsk, 2014.

140. Kanno, S., **N. Kyurkchiev**, T. Yamamoto, On some methods for the simultaneous determination of polynomial zeros, *Japan Journal of Industrial and Applied Mathematics*, Vol. 13 No 2, 1996, 267-288 (MR:97k:30010), ISSN 0916-7005.

цитирана в:

316. Proinov, P., M. Petkova, Convergence of the two-point Weierstrass root-finding method, *Japan Journal of Industrial and Applied Mathematics*, 31 (2), 2014, 279-292.
317. Иванов, С., Сходимость на итерационния метод на Халей за индивидуална и едновременна апроксимация на нули на полином, Дисертационен труд за присъждане на образователната и научна

степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.

318. Петкова, М., Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременно апроксимиране на нули на полином, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.

141. **Markov, S., Popova, E.D.**, Ullrich, Ch.: On the Solution of Linear Algebraic Equations Involving Interval Coefficients. In S. Margenov, P. Vassilevski (Eds.): Iterative Methods in Linear Algebra, II, IMACS Series in Computational and Applied Mathematics 3, **1996**, 216-225.

цитирана в:

319. M.A. Sainz, J. Armengol, R. Calm, P. Herrero, L. Jorba, J. Vehi, Modal Interval Analysis: New Tools for Numerical Information, Lecture Notes in Mathematics 2091, Springer, 2014, p. 318.

142. **Markov, S., Popova, E.**, Schneider, U., Schulze, J. On linear interpolation under interval data, Mathematics and Computers in Simulation 42 (1), (**1996**) pp. 35-45, doi: 10.1016/0378-4754(95)00110-7.

цитирана в:

320. Roos, C., Hardier, G., Doll, C. , A comparison of techniques to get sparse rational approximations for linear fractional representations, 29th Congress of the International Council of the Aeronautical Sciences, ICAS 2014, St. Petersburg; Russian Federation; 7-12 September 2014; Code 108502 (conference paper).
321. Roos, Clement, Georges Hardier, and Jean-Marc Biannic. "Polynomial and rational approximation with the APRICOT Library of the SMAC toolbox." In Control Applications (CCA), 2014 IEEE Conference on, pp. 1473-1478. IEEE, 2014.

143. **Bazhlevkov, I. B.**, A.K. Chesters, Numerical investigation of the dynamic influence of the contact line region on the macroscopic meniscus shape. Journal of Fluid Mechanics 329 (**1996**): 137-146.

цитирана в:

322. Sui, Y., H. Ding, P.D.M Spelt, Numerical simulations of flows with moving contact lines. Annual Review of Fluid Mechanics 46 (2014): 97-119.

144. T. N. T. Goodman, **K. G. Ivanov**, A. Sharma. Hermite Interpolation in the Roots of Unity, Journal of Approximation Theory, ISSN: 0021-9045, IF (2010): 0,710, 84, 1, **1996**, 41-60.

цитирана в:

323. S Bahadur, M Shukla, A new kind of Hermite interpolation, Advances in Inequalities and Applications, 2014, 2014:13, <http://scik.org/index.php/aia/article/viewFile/1265/635>.
324. E. Berriochoa, A. Cachafeiro, J. Díaz, Convergence of Hermite interpolants on the circle using two derivatives, Journal of Computational and Applied Mathematics, 2014, DOI: 10.1016/j.cam.2014.10.001

145. **Gateva-Ivanova, T.:** Skew polynomial rings with binomial relations, *J. Algebra*, 185 (1996), 710-753. ISSN: 0021-8693

цитирана в:

325. Cedó, F., E. Jespers, J. Okniński, Braces and the Yang-Baxter equation, *Commun. Math. Phys.*, 327, 101-116 (2014), ISSN: 0010-3616 (Print) 1432-0916 (Online)
326. Jespers, E., Jan Okniński: Krull orders in nilpotent groups, *Archiv der Mathematik* Volume 103, (1) , (2014) , 27-37, Print ISSN 0003-889X Online ISSN 1420-8938

146. Belov, A., **T. Gateva-Ivanova:** Radicals of monomial algebras, *Proc. First International Tainan-Moscow Algebra Workshop*, Eds. Y. Fong, U. Knauer, and A.V. Michalev, Walter de Gruyter and Co., Berlin-New York, (1996) 159-169 .

цитирана в:

327. Jan Okniński: Trichotomy for finitely generated monomial algebras, *J. Algebra*, Volume 417, 1 November (2014), 145—147 ISSN: 0021-8693

147. **Pericliev, V.** Learning linear precedence rules. COLING96, 16th International Conference on Computational Linguistics, 5-9 August, Copenhagen, 1996, 883-888

цитирана в:

328. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

148. **Периклиев, Вл. В.** Sigurd (ed). Computerized grammars for analysis and generation. Съпоставително езикознание, 1996, 1, 82-83.

цитирана в:

329. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

149. .D. Pиеv, Higher order Melnikov functions for degenerate cubic Hamiltonians, *Adv. Differential Equations* 1 (1996), no. 4, 689--708.

цитирана в:

330. Yanyan Chen, Yulin Zhao, The cyclicity of quadratic reversible system with a center of genus one and non-Morsean point, *Appl. Math. & Comput.* 231 (2014), 268--275.
331. M. Pelletier, M. Uribe, Principal Poincare-Pontryagin function associated to some families of Morse real polynomials, *Nonlinearity* 27 (2014), no. 2, 257--270.
332. R. Prohens, J. Torregrosa, Periodic orbits from second order perturbation via rational trigonometric integrals, *Physica D: Nonlinear Phenomena* 280-281 (2014), 59--72.
333. Yulin Zhao, Cen Xiuli, Perturbations of May-Leonard system, *Bull. Sci. Math.* 138 (2014), no. 8, 971--992.
334. Yirong Liu, Jibin Li, Wentao Huang, *Planar Dynamical Systems (Selected Classical Problems)*, De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1

150. I.D. Iliev, The cyclicity of the period annulus of the quadratic Hamiltonian triangle, *J. Differential Equations* 128 (1996), no. 1, 309--326.

цитирана в:

335. Kuilin Wu, Haihua Liang, Limit cycles bifurcating from a quadratic reversible Lotka-Volterra system with a center and three saddles, *Chinese Ann. Math. B* 35 (2014), no. 1, 25--32.
336. Linping Peng, Zhaosheng Feng, Changjian Liu, Quadratic perturbations of a quadratic reversible Lotka-Volterra system with two centers, *Discr. Contin. Dynam. Syst.* 34 (2014), no. 11, 4807--4826.
337. Yulin Zhao, Cen Xiuli, Perturbations of May-Leonard system, *Bull. Sci. Math.* 138 (2014), no. 8, 971--992.
338. Wu Kuilin, Shao Yi, Quadratic perturbations of a quadratic reversible Lotka-Volterra system of genus one with two centers, *Acta Math. Scientia (Ser. A)* 31 (2014), no. 5, 1275--1286. [Chinese]
339. Yirong Liu, Jibin Li, Wentao Huang, *Planar Dynamical Systems (Selected Classical Problems)*, De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1

151. Emil Horozov, Iliya D. Iliev, Perturbations of quadratic Hamiltonian systems with symmetry, *Ann. Inst. H. Poincare, Analyse non lineaire* 13 (1996), no. 1, 17--56.

цитирана в:

340. Yirong Liu, Jibin Li, Wentao Huang, *Planar Dynamical Systems (Selected Classical Problems)*, De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1

1997

152. **Kiryakova V.**, All the special functions are fractional differintegrals of elementary functions // *J. Physics A: Math. & General* 30, No 14 (1997), 5085-5103.

цитирана в:

341. Mondal, S. R., Nisar, K. S., Marichev-Saigo-Maeda fractional integration operators involving generalized Bessel functions // *Mathematical Problems in Engineering*, 2014, 2014, article # 274093, ISSN 1024-123X, 1563-5147
342. Anastassiou, G., Most general fractional representation formula for functions and implications // *Serdica Math. J.*, 2014, 40, No 1, 89-98, ISSN 1310-6600

153. **Kiryakova V.**, B. N. Al-Saqabi, Transmutation method for solving Erdélyi-Kober fractional differintegral equations, *J. of Math. Anal. Appl.*, 211, No 1 (1997), 347-364

цитирана в:

343. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)
344. Darwish, M.A., Rzepka, B., Asymptotically stable solutions of a generalized fractional quadratic functional-integral equation of Erdélyi-Kober type, *J. of*

Function Spaces, 2014, 2014, article # 192542, ISSN 2314-8896, 2314-8888

345. Paneva-Konovska, J., Convergence of series in three parametric Mittag-Leffler functions, *Mathematica Slovaca*, 2014, 64, No 1, 72-84, ISSN 0139-0018
346. Tomovski, Z., Garra, R., Analytic solutions of fractional integro-differential equations of Volterra type with variable coefficients, *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 38-60, ISSN 1311-0454, 1314-2224
347. Darwish, M.A., Sadarangani, K., On Erdélyi-Kober type quadratic integral equation with linear modification of the argument, *Applied Math. And Computation*, 2014, 236, 30-42, ISSN 0096-3003, 1873-5649

154. **Kiryakova V.**, B. Al-Saqabi, Solutions of Erdelyi-Kober fractional integral, differential and differintegral equations of second type // *C. R. Acad. Bulg. Sci.*, 50, No 1 (1997), 27-30. ISSN 1310-1331

цитирана в:

348. Gorenflo R., Kilbas A., Mainardi F., Rogosin S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)

155. **J. Tabov**, Simple waves and simple states in R^2 . *Journal of Math. Analysis and Applications*, 214, 1997, 613-632.

цитирана в:

349. Radeva, V., V. Todorov, D. Kolev, A. Zeinev, N. Kitanov. Integrability of fluid dynamics models. Proceedings of the Anniversary Scientific Conference with International Participation "60 Years UCTM". June 4-5, 2013, Sofia, Bulgaria. UCTM, Sofia, 2014, 25-27. ISBN: 978-954-465-074-2

156. JP Dion, **NM Yanev** - *Journal of Applied Probability*, 1997. Limit theorems and estimation theory for branching processes with an increasing random number of ancestors.

цитирана в:

350. S Pénisson - *Electronic Journal of Statistics*, 2014. Estimation of the infection parameter of an epidemic modeled by a branching process.

157. **J.P. Revalski**, Hadamard and strong well-posedness for convex programs, *SIAM J. Optimization*, 7(1997), 519--526. ISSN Electronic: 1095-7189 Print: 1052-6234

цитирана в:

351. J. Banas, Measures of Noncompactness and Well-Posed Minimization Problems, in *Nonlinear Analysis, Approximation Theory, Optimization and Applications*, Springer series Trends in Mathematics 2014, 109--134, Editors: Qamrul Hasan Ansari, ISBN: 978-81-322-1882-1 (Print) 978-81-322-1883-8 (Online)
352. Ng. V. Hung, Well-posedness for parametric generalized vector quasivariational inequality problems of the Minty type, *Journal of Inequalities and Applications* 2014, 2014:178; ISSN: 1029-242X (electronic version)

158. **Pericliev, V.** From the principle of projectivity and partial orderings to sophisticated linearization rules. 16th International Congress of Linguists, Paris **1997**

цитирана в:

353. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

159. **P.Popivanov, D.** Palagachev. The degenerate oblique derivative problem for elliptic and parabolic equations, Akademie Verlag **1997**, ISBN 3-05-501757—9

цитирана в:

354. M. Morras, S. Piro Vernier, Explicit estimates for blow up solutions to parabolic systems under non-local boundary conditions, C.R. Acad. Bulg. Sci., 64:4 (2014), pp 459-466; ISSN 1310-1331, IF 0.2.

1998

160. **Bazhlekova, E.** The abstract Cauchy problem for fractional evolution equation. *Fract. Calc. Appl. Anal.*, 1 (3) (1998), pp. 255–270. ISSN: 1311-0454

цитирана в:

355. Gorenflo, R., A.A. Kilbas, F. Mainardi, S. V. Rogosin. "Mittag-Leffler Functions: Related Topics and Applications." Springer Monographs in Mathematics, 2014.
356. Stenlund, H. "On Solving the Cauchy Problem with Propagators." arXiv:1411.1402 (2014).

161. **V. Kiryakova**, A long standing conjecture failed?, *Proc. Transform Methods and Special Functions, Varna '96, Sofia, 1998*, 579-588, ISBN 954-8986-05-1.

цитирана в:

357. Machado, J.T., Numerical analysis of the initial conditions in fractional systems // *Commun. in Nonlinear Sci. and Numer. Simulations*, 2014, 19, No 9, 2935-2941, ISSN 1007-5704
358. Herrmann, R., Towards a geometric interpretation of generalized fractional integrals - Erdélyi-Kober type integrals on \mathbb{R}^N , as an example // *Fract. Calc. Appl. Anal.*, 2014, 17, No 2, 361-370, ISSN 1311-0454, 1314-2224

162. **Kiryakova V., B.** Al-Saqabi,: Explicit solutions of fractional integral and differential equations, involving Erdelyi-Kober operators // *Appl. Mathematics and Computation*, 95, No 1 (1998), 1-13.

цитирана в:

359. Tomovski, Z., Garra, R., Analytic solutions of fractional integro-differential equations of Volterra type with variable coefficients // *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 38-60, ISSN 1311-0454, 1314-2224

163. **Kiryakova V., M.** Saigo, H.M. Srivastava, Some criteria for univalence of analytic functions involving generalized fractional calculus // *Fract. Calc. Appl. Anal.*, 1, No 1 (1998), 79-104, ISSN 1311-0454

цитирана в:

360. Kim, Y. C., Choi, J. H., Geometric properties of certain analytic functions associated with generalized fractional integral operators // *J. of Inequalities and Applications*, 2014, 2014, Article # 177, ISSN 1025-5834, 1029-242x

164. **Bogdanova, G. T.:** Bounds for the Maximum Size of Ternary Constant-Composition Codes. *Proc. of the International Workshop on Optimal Codes*. **1998**.

цитирана в:

361. Wei, H., Zhang, H., Zhu, M., & Ge, G.: Optimal ternary constant-composition codes with weight four and distance six. *Discrete Mathematics*, Elsevier, 338(3), 72-87. (to appear). ISSN: 0012-365X
362. Hengjia, W., Hui, Z., Mingzhi, Z., & Gennian, G.: Optimal Ternary Constant-Composition Codes with Weight Four and Distance Six. *arXiv preprint arXiv:1409.6092*. 2014.

165. **Bouyuklieva, S., I Bouyukliev** On the classification of binary self-dual codes, *IEEE Transactions on Information Theory* 44 (2), 809-812, **1998**, 20.

цитирана в:

363. Karadeniz, Suat, and Refia Aksoy. "Lifts of Self-Dual Codes." Preprint
364. Wang, Weiliang, Yangyu Fan, and Ruihu Li. "Optimal binary codes and binary construction of quantum codes." *Frontiers of Computer Science*: 1-8.
365. Zhang, Tao, et al. "On the Existence of Certain Optimal Self-Dual Codes with Lengths Between 74 and 116." *arXiv preprint arXiv:1405.7538*, 2014.

166. **Bouyuklieva, S, I Bouyukliev**, Extremal self-dual codes with an automorphism of order 2. *IEEE Transactions on Information Theory* 44 (1), **1998**, 323-328

цитирана в:

366. Kim, Hyun Jin. "Self-dual codes and fixed point-free permutations of order 2" *Bulletin of the korean mathematical society* 51.4 (2014): 1175-1186.

167. **Raikov G. D.**, Eigenvalue asymptotics for the Schrödinger operator in strong constant magnetic fields // *Commun. P.D.E.* **23 (1998)**, 1583-1620. ISSN 0360-5302

цитирана в:

367. Dimassi M., A. T. Duong, Trace asymptotics formula for the Schrödinger operators with constant magnetic fields, *J. Math. Anal. Appl.* **416** (2014), 427-448. ISSN: 0022-247X

168. **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, Dekker, **1998**, 97-113. ISBN 978-0824701833, 0824701836.

цитирана в:

368. Centrone, L.: Z_2 -graded Gelfand-Kirillov dimension of the Grassmann algebra, *Internat. J. Algebra Comput.* 24 (2014), No. 3, 365-374. ISSN 0218-1967, 1793-6500.
369. De Paula, F. G.: A dimensão de Gelfand-Kirillov em característica positiva, *Ph. D. Thesis*, Universidade Federal de Alagoas, 2014.

169. Iarrobino, A., **Vassil Kanev:** Power sums, Gorenstein algebras, and determinantal loci.

Appendix C by Iarrobino and Steven L. Kleiman. Lecture Notes in Mathematics, 1721. Springer-Verlag, Berlin, 1999. xxxii+345 pp. ISBN: 3-540-66766-0.

цитирана в:

370. Ballico, E.: On the typical rank of real bivariate polynomials. *Linear Algebra Appl.* **452** (2014), 263--269.
371. Bernardi, A.: Normal bundle of rational curves and Waring decomposition. *J. Algebra* **400** (2014), 123--141.
372. Bernardi, A., Jérôme Brachat, Bernard Mourrain: A comparison of different notions of ranks of symmetric tensors. *Linear Algebra Appl.* **460** (2014), 205--230.
373. Boij, M., Juan Migliore, Rosa M. Miró-Roig, Uwe Nagel, Fabrizio Zanello: On the weak Lefschetz property for Artinian Gorenstein algebras of codimension three. *J. Algebra* **403** (2014), 48--68.
374. Buczyńska, W., Jarosław Buczyński: Secant varieties to high degree Veronese reembeddings, catalecticant matrices and smoothable Gorenstein schemes. *J. Algebraic Geom.* 23 (2014), no. 1, 63--90.
375. Casnati, G., Roberto Notari: On the Gorenstein locus of the punctual Hilbert scheme of degree 11. *J. Pure Appl. Algebra* 218 (2014), no. 9, 1635--1651.
376. Jelisiejew, J.: An upper bound for the Waring rank of a form. *Arch. Math. (Basel)* 102 (2014), no. 4, 329--336.
377. Jelisiejew, J.: Local finite-dimensional Gorenstein k -algebras having Hilbert function (1,5,5,1) are smoothable. *J. Algebra Appl.* 13 (2014), no. 8, 1450056, 7 pp.
378. Tohăneanu, Ștefan O.: Finding inverse systems from coordinates. *J. Algebra* **400** (2014), 72—77.

170. **Gateva-Ivanova, T.**, M. Van den Bergh: Semigroups of I-type, *J. Algebra*, 206 (1998), 97—112. ISSN: 0021-8693

цитирана в:

379. Rump, W.: The brace of a classical group, *Note Mat.* 34 (2014) no. 1, 115-144. doi:10.1285/i15900932v34n1p115, ISSN 1123-2536, e-ISSN 1590-0932, 17. F. Cedó, E. Jespers, J. Okninski, Braces and the Yang-Baxter equation, *Commun. Math. Phys.*, 327, 101-116, 2014, ISSN: 0010-3616 (Print) 1432-0916 (Online).
380. Bachiller, D., Ferran Cedó, A family of solutions of the Yang–Baxter equation, *J. Algebra*, 412, (2014) 218—229, ISSN: 0021-8693, 19. F. Chouraqui, E Godelle, Finite quotients of groups of I-type, *Adv. in Math.* 258, 20 June (2014), 46—68, Elsevier, ISSN: 0001-8708
381. Chouraqui, F.: Construction of a group of automorphisms for an infinite family of Garside groups, arXiv:1411.1189 [math.GR] (2014), 1-25
382. David, N. B., Yuval Ginosar: On groups of I-type and involutive Yang-Baxter groups, arXiv:1403.5740 [math.GR] (2014), 1-8.
383. Dehornoy, P.: Set-theoretic solutions of the Yang-Baxter equation, RC-calculus, and Garside germs, arXiv:1403.3019 [math.GR], 2014, 1-28

171. **N. Kyurkchiev**, Initial approximation and root finding methods, WILEY-VCH Verlag Berlin GmbH, Vol. 104, **1998**, ISBN 0138-3019.

цитирана в:

384. Proinov, P., S. Cholakov, Semilocal convergence of Chebyshev-like root-finding method for simultaneous approximation of polynomial zeros, *Journal of Applied Mathematics and Computation*, 236, 2014, 669-682.
385. Петкова, М., Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременно апроксимиране на нули на полином, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.
386. Иванов, С., Сходимост на итерационния метод на Халей за индивидуална и едновременна апроксимация на нули на полином, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.
387. Noraini Jamaludin, Mansor Monsi, Hasruddin Hassan, On the convergence rate of modified interval symmetric single-step procedure iss2-5d for the simultaneous inclusion of polynomial zeros, *sains malaysiana*, 43 (7), 2014, 1101-1104.
388. Чолаков, С., Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014.
389. M. Lazaro, P. Martin, A. Agüero, I. Ferrer, The polynomial pivots as initial values for a new root-finding iterative method, *Journal of Applied Mathematics*, Vol. 2014, 2014, 20 pages, <http://www.hindawi.com/journals/jam/aip/413816/>

172. **Markov, S**, On the algebra of intervals and convex bodies, *Journal of Universal Computer Science*,4(1), (**1998**) pp. 34-47.

цитирана в:

390. M.L., Magni, C.A., Stefanini, L., Interval and fuzzy Average Internal Rate of Return for investment appraisal, *Fuzzy Sets and Systems* , 257, (2014), pp. 217 – 241.

173. **Popova, E.D.**, On the Efficiency of Interval Multiplication Algorithms. Proceedings of III-rd International Conference “Real Numbers and Computers”, Paris, April 27-29, **1998**, 117-132.

цитирана в:

391. Kenoufi, A., Probabilist set inversion using pseudo-intervals arithmetic, *TEMA (Sao Carlos)* 15.1 (2014): 97-117.

174. Drikakis D., **O.P. Iliev, D.P. Vassileva**, A nonlinear multigrid method for the incompressible Navier-Stokes equations. *J. Comput. Phys.* 146, **1998**, 310-321, ISSN: 0021-9991.

цитирана в:

392. Hashemi M.Y., K. Zamzamian: Efficient and non-reflecting far-field boundary conditions for incompressible flow calculations. *Applied Mathematics and Computation* 230, 2014, 248–258.
393. Zamzamian K.: New approach in boundary conditions for incompressible flows using characteristic relations. *Progress in Computational Fluid Dynamics*, 14, 2014, 97-106.
394. Fathollahi R, K Zamzamian, An improvement for multidimensional characteristic based scheme by using different selected waves. *International Journal for Numerical Methods in Fluids* 76, 2014, 722–736.

175. **Dimitrova, L.**, I. Ide, V. Petkevic, T. Erjavec, H.J. Kaalep, D. Tufis. Multext-east: Parallel and comparable corpora and lexicons for six central and eastern european languages. In: *Proceedings of the 17th International Conference on Computational Linguistics - Volume 1 (COLING '98) and 36th Annual Meeting of the Association for Computational Linguistics*, Montréal, Québec, Canada, Ed. by Christian Boitet, **1998**.

цитирана в:

395. Krstev, Cv., D. Vitas, Al. Trtovac. Orwell's 1984 - From Simple to Multi-word Units. In: *Human Language Technology Challenges for Computer Science and Linguistics, Lecture Notes in Computer Science 2014*, 276-287, Springer, ISBN: 978-3-319-08957-7 (Date: 26 Jul 2014)
396. Lazăr, M., D. Militaru. A Romanian language modeling using linguistic factors. In: *7th Conference on Speech Technology and Human - Computer Dialogue (SpeD)*, 16-19 Oct. 2013, Cluj-Napoca, 6 p. IEEE, DOI:10.1109/SpeD.2013.6682649
397. Angelov, Kr. Bootstrapping Open-Source English-Bulgarian Computational Dictionary. In: *Proc. of the 9th Language Resources and Evaluation Conference LREC*, May 26-31, 2014, Reykjavik (Iceland), 1018-1023. ISBN 978-2-9517408-8-4, EAN 9782951740884
398. Jakupović, A., M. Pavlić, Z. D. Han. Formalisation method for the text expressed knowledge. In: *Expert Systems with Applications, Volume 41, Issue 11*, 1 September 2014, 5308–5322, doi:10.1016/j.eswa.2014.03.006
399. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

176. **Pericliev, V.**, R. Valdes-Perez. Automatic componential analysis of kinship semantics with a proposed structural solution to the problem of multiple models. *Anthropological Linguistics*, 40(2): 272-317 Indiana (Summer, **1998**).

цитирана в:

400. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

177. I.D. Iliev, Perturbations of quadratic centers, *Bull. Sci. Math.* 122 (**1998**), no. 2, 107--161.

цитирана в:

401. Yanyan Chen, Yulin Zhao, The cyclicity of quadratic reversible system with a center of genus one and non-Morsean point, *Appl. Math. & Comput.* 231 (2014), 268--275.

402. Linping Peng, You Li, On the limit cycles bifurcating from a quadratic reversible center of genus one, *Mediterr. J. Math.* 11 (2014), 373--392, doi: 10.1007/s00009-013-0325-6.
403. Kuilin Wu, Haihua Liang, Limit cycles bifurcating from a quadratic reversible Lotka-Volterra system with a center and three saddles, *Chinese Ann. Math. B* 35 (2014), no. 1, 25--32.
404. Yi Shao, Kuilin Wu, Bifurcation of limit cycles for cubic reversible systems, *Electr. J. Differential Equations* 2014 (2014), no. 96, 1--10. Linping Peng, Zhaosheng Feng, Bifurcation of limit cycles from quartic isochronous systems, *Electr. J. Differential Equations* 2014 (2014), no. 95, 1--14.
405. Linping Peng, Zhaosheng Feng, Changjian Liu, Quadratic perturbations of a quadratic reversible Lotka-Volterra system with two centers, *Discr. Contin. Dynam. Syst.* 34 (2014), no. 11, 4807--4826.
406. Linping Peng, Zhaosheng Feng, Bifurcation of critical periods from a quartic isochronous center, *Int. J. Bifurcat. Chaos* 24 (2014), no. 9, art. no. 1450089, 16 pp.
407. P. De Maesschalck, S. Rebollo-Perdomo, J. Torregrosa, Cyclicity of a fake saddle inside the quadratic vector fields, *J. Differential Equations* [to appear], Published online 16 Oct 2014.
408. Xiuli Cen, Yulin Zhao, Haihua Liang, Abelian integrals and limit cycles for a class of cubic polynomial vector fields of Lotka-Volterra type with a rational first integral of degree 2, Preprint arXiv:1407.7070 [math.DS], 25 July 2014, 23 pp.
409. Wu Kuilin, Shao Yi, Quadratic perturbations of a quadratic reversible Lotka-Volterra system of genus one with two centers, *Acta Math. Scientia (Ser. A)* 31 (2014), no. 5, 1275--1286. [Chinese]
410. Yirong Liu, Jibin Li, Wentao Huang, *Planar Dynamical Systems (Selected Classical Problems)*, De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1

178. I.D. Iliev, On second order bifurcations of limit cycles, *J. London Math. Soc. (2)* 58 (1998), no. 2, 353--366.

цитирана в:

411. R. Prohens, J. Torregrosa, Periodic orbits from second order perturbation via rational trigonometric integrals, *Physica D: Nonlinear Phenomena* 280-281 (2014), 59--72.
412. Bassem Ben Hamed, Ameni Gargouri, Lubomir Gavrilov, Perturbations of symmetric elliptic Hamiltonians of degree four in a complex domain, Preprint arXiv:1401.5419 (math.DS) (2014), 11 pp.

179. E. Horozov, I.D. Iliev, Linear estimate for the number of zeros of Abelian integrals with cubic Hamiltonians, *Nonlinearity* 11 (1998), no. 6, 1521--1537.

цитирана в:

413. Juanjuan Wu, Yongkang Zhang, Cuiping Li, On the number of zeros of Abelian integrals for a kind of quartic Hamiltonians, *Appl. Math. Comput.* 228 (2014), 1 Feb., 329--335.

414. Adriana Buica, Jaume Gine, Maite Grau, Essential perturbations of polynomial vector fields with a period annulus, Preprint arXiv:1406.7612 [math.DS], 30 June 2014, 25 pp.
415. Xiuli Cen, Yulin Zhao, Haihua Liang, Abelian integrals and limit cycles for a class of cubic polynomial vector fields of Lotka-Volterra type with a rational first integral of degree 2, Preprint arXiv:1407.7070 [math.DS], 25 July 2014, 23 pp.
416. Yirong Liu, Jibin Li, Wentao Huang, Planar Dynamical Systems (Selected Classical Problems), De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1

180. B. Kawohl, N. Kutev; Maximum and comparison principle for one-dimensional anisotropic diffusion, *Mathematische Annalen*, 311, **1998**, 107--123.

цитирана в:

417. Nouredine Alaa, Mohammed Aitoussous, Walid Bouarifi, Djemaia Bensikaddour, *Electronic Journal of Differential Equations*, Vol. 2014 (2014), No. 197, pp. 1-12. ISSN: 1072-6691
418. M Rumpf, M Wardetzky, Geometry processing from an elastic perspective, *GAMM - Mitteilungen*, Vol. 37(2), pp.184-216, 2014
419. Giovanni Bellettini, Antonin Chambolle, and Michael Goldman, The Γ -limit for singularly perturbed functionals of Perona–Malik type in arbitrary dimension, *Math. Models Methods Appl. Sci.* **24**, 1091 (2014). DOI: 10.1142/S0218202513500772

1999

181. **J.P. Revalski** and M. Thera, Generalized sums of monotone operators, *Compt. Rend. Acad. Sci., Paris*, t. 329(**1999**), Serie I, 979--984. ISSN: 1631-073X

цитирана в:

420. H.H. Bauschke, W.L. Hare and W.M. Moursi, Generalized Solutions for the Sum of Two Maximally Monotone Operators, *SIAM J. Control Optim.*, 52(2), 2014, 1034–1047. DOI:10.1137/130924214; ISSN (print): 0363-0129, ISSN (online): 1095-71381

182. **Apostolov, V.**; Gauduchon, P.; Grantcharov, G., Bi-Hermitian structures on complex surfaces. *Proc. London Math. Soc.* (3) 79 (1999), no. 2, 414–428.

цитирана в:

421. Gualtieri, Marco Generalized Kähler geometry. *Comm. Math. Phys.* 331 (2014), no. 1, 297–331.
422. Fujiki, Akira; Pontecorvo, Massimiliano, Twistors and bi-Hermitian surfaces of non-Kähler type. *SIGMA Symmetry Integrability Geom. Methods Appl.* 10 (2014), Paper 042, 13 p.

183. **Bazhlekova, E.** Perturbation properties for abstract evolution equations of fractional order, *Fract. Calc. Appl. Anal.* 2 (4) (**1999**), pp. 359-366, ISSN: 1311-0454.

цитирана в:

423. Gorenflo, R., A.A. Kilbas, F. Mainardi, S. V. Rogosin. "Mittag-Leffler Functions: Related Topics and Applications." Springer Monographs in Mathematics, 2014.

184. **Kiryakova V.**, Multiindex Mittag-Leffler functions, related Gelfond-Leontiev operators and Laplace type integral transforms // *Fractional Calculus and Applied Analysis*, 2, No 4 (1999), 445-462; ISSN 1311-0454.

цитирана в:

424. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)
425. Paneva-Konovska J., A family of hyper-Bessel functions and convergent series in them // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1001–1015, ISSN:1311-0454, 1314-2224
426. Capelas de Oliveira E., Mainardi F., Jayme Vaz Jr., Fractional models of anomalous relaxation based on the Kilbas and Saigo function // *Meccanica (Special Issue)*, 2014, 49, 2049-2060; ISSN 0025-6455, 1572-9648, DOI 10.1007/s11012-014-9930-0

185. **Kiryakova V.**, B. Al-Saqabi,: Explicit solutions to hyper-Bessel integral equations of second kind // *Computers & Mathematics with Appl-s*, 37, No 1 (1999), 75-86.

цитирана в:

427. Chen, B.-R.,Zhao, X.-J.,Feng, X.-T., Zhao, H.-B.,Wang, S.-Y., Time-dependent damage constitutive model for the marble in the Jinping II hydropower station in China // *Bulletin of Engineering Geology and the Environment*, 2014, 73, No 2, 499-515, ISSN 1435-9529, 1435-9537
428. Tomovski, Z.,Garra, R., Analytic solutions of fractional integro-differential equations of Volterra type with variable coefficients // *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 38-60, ISSN 1311-0454, 1314-2224

186. **Kovacheva R. K.** (with H. Gonska) *Das Akademiemitglied Bernstein und seine Arbeiten in Konstruktiven Funktionentheorie*. Mitteilungen aus dem Mathematischen Seminar Giessen, 1999. ISSN 0373-8221

цитирана в:

429. Buchwald J. Z, J. L Berggen. *Sources and Studies in the History of Mathematics and Physics*, Springer 2014, ISBN: 978-1-4614-3781-9(print)

187. R. Hill, **E. Kolev**, A Survey of Resent Results on Optimal Linear Codes, Combinatorial Designs and Their Applications, CHAPMAN& HALL/CRC, 127-152, 1999.

цитирана в:

430. T. Maruta, T. Tanaka, H. Kanda. New extension theorems for codes over Fq. Proc. of the International Workshop on Algebraic and Combinatorial Coding Theory, Svetlogorsk, Russia, 2014, ISBN 978-5-901158-26-5.

188. **Илев, А.**, Semerdzhiev, Khr.. Some generalizations of the Chebyshev method for simultaneous determination of all roots of polynomial equations. *Comput. Math. Math. Phys.*, 39, 9, **1999**, ISSN:0965–5425, 1384 - 1391

цитирана в:

431. P. Proinov, S. Cholakov, Convergence of Chebyshev-like method for simultaneous approximation of multiple zeros, *Comptes rendus de l'Academie bulgare des Sciences*, 2014, ISSN 1310-1331, IF: 0.211., @2014
432. Чолаков, С., Дисертационен труд „Сходимость на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014
433. Чолаков, С., Автореферат на дисертационен труд „Сходимость на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014

189. **Kanev, V.:** Chordal varieties of Veronese varieties and catalecticant matrices. *Algebraic geometry*, 9. *J. Math. Sci. (New York)* 94 (**1999**), no. 1, 1114–1125, ISSN: 1072-3374

цитирана в:

434. Buczyńska, W., Jarosław Buczyński: Secant varieties to high degree Veronese reembeddings, catalecticant matrices and smoothable Gorenstein schemes. *J. Algebraic Geom.* 23 (2014), no. 1, 63—90.

190. Cohen, Albert; DeVore, Ronald; **Petrushev, Pencho**; Xu, Hong, Nonlinear approximation and the space $BV(\mathbb{R}^2)$, *Amer. J. Math.* 121 no. 3, (**1999**), 587–628.

цитирана в:

435. Kolyada, V. I.; Pérez Lázaro, F. J. On Gagliardo-Nirenberg type inequalities. *J. Fourier Anal. Appl.* 20 no. 3 (2014), 577–607.
436. Triebel, H. Gagliardo-Nirenberg Inequalities, *Proceedings of Steklov Institute of Mathematics*, Vol. 284, 2014, pp. 263-279.
437. Jean-Charles Pinoli, *Mathematical Foundations of Image Processing and Analysis 2*, Wiley, 2014.

191. **Dimitrova, N, S. Markov**, Verified Computation of Fast Decreasing Polynomials, *Reliable Computing*, 5(3), **1999**, 229-240.

цитирана в:

438. Kyurkchiev, N., A. Andreev, *Approximation and Antenna and Filters synthesis. Some Moduli in Programming Environment MATHEMATICA*, LAP LAMBERT Academic Publishing, Saarbrücken, 2014, ISBN: 978-3-659-53322-8.

192. **Pericliev, V.** Further implicational universals in Greenberg's data (a computer-generated article). *Contrastive Linguistics*, **1999**, 24, 40-51

цитирана в:

439. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

193. **Pericliev, V.** The prospects for machine discovery in linguistics. *Foundations of Science*, **1999**, 4(4), 463-482

цитирана в:

440. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

194. I.D. Iliev, L.M. Perko, Higher order bifurcations of limit cycles, *J. Differential Equations* 154 (**1999**), no. 2, 339--363.

цитирана в:

441. Bassem Ben Hamed, Ameni Gargouri, Lubomir Gavrilov, Perturbations of symmetric elliptic Hamiltonians of degree four in a complex domain, Preprint arXiv:1401.5419 (math.DS) (2014), 11 pp.

195. I.D. Iliev, The number of limit cycles due to polynomial perturbations of the harmonic oscillator, *Math. Proc. Cambridge Philos. Soc.* 127 (**1999**), 317--322.

цитирана в:

442. Jaume Llibre, Douglas D. Novaes, Marco A. Teixeira, Higher order averaging theory for finding periodic solutions via Brouwer degree, *Nonlinearity* 27 (2014), no. 3, 563--584.
443. Xenakis Ioakim, Generalized Van der Pol equation and Hilbert's 16th problem, *Electr. J. Differential Equations* 2014 (2014), no. 120, 1--22.
444. Rodrigo Donizete Euzebio, Estudo de conjuntos minimais para sistemas descontinuos em dimensoes 2 e 3, Ph.D. Dissertation, Universidade Estadual Paulista "Julio de Mesquita Filho", Sao Jose do Rio Preto (Brasil), 2014, 135 pp.
445. Ioakim Xenakis, Problems on higher and lower-dimensional dynamical systems, Ph.D. Thesis (May 2014), Dept of Mathematics and Statistics, Univ. Cyprus, 130 pp.

2000

196. **Kutzarova D., P.K. Lin,** Remarks about Schlumprecht space, *Proc. AMS* 128 (**2000**), 7, 2059-2068.

цитирана в:

446. Castillo J., V. Ferenczi, Y. Moreno, On uniformly finitely extensible Banach spaces, *J. Math. Anal. Appl.* 410 (2014), no. 2, 670-686. ISSN: 0022-247X, IF 1.418

197. **N.K.Ribarska,** On the property “countable cover by sets of small local diameter”, *Studia Mathematica*, том:140, брой:2, 2000, стр.99-116, IF/IR

цитирана в:

447. F. García, M. A. Melguizo Padial, On Gruenhage spaces, separating σ -isolated families, and their relatives, *Revista de la Real Academia de*

Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, December 2014, DOI 10.1007/s13398-014-0211-5 2014.

198. **Baicheva, T.**, S. Dodunekov and P. Kazakov, Undetected error probability performance of cyclic redundancy-check codes of 16-bit redundancy, *IEE Proc. Commun.*, vol.147, No.5, October **2000**, 253-256.

цитирана в:

448. J. H. Collet, A brief overview of the challenges of the multicore roadmap, *Proc. of International Conference MIXDES*, Lublin, Poland, 2014.
449. J. Noh, H. Song and C. Lee, An Error Pattern Estimation Scheme for Iterative Receiver in MIMO Systems, *IEEE Communications Letters*, Vol. 18, Issue 4, 552-555, 2014.
450. V. K. Shendre and R. Nawkhare, Enhancement of Error Control Capability of Orthogonal Code Convolution for Digital Communication, *IJCAT International Journal of Computing and Technology*, Volume 1, Issue 3, April 2014, 5-9.
451. Umberto Mattei, Extended physical layer modeling for smart metering utility network simulators, Master Thesis, KTH, Communication Theory, Sweden, 2014.

199. **Bouyukliev, I.**, D. Jaffe: Optimal binary linear codes of dimension at most seven *Discrete Mathematics* 226 (1), **2000**, 51-70

цитирана в:

452. Freibert, Finley, and Jon-Lark Kim. Optimal subcodes and optimum distance profiles of self-dual codes. *Finite Fields and Their Applications* 25 (2014): 146-164.

200. **Илев, А.** A generalization of Obreshkoff-Ehrlich method for multiple zeros of algebraic, trigonometric and exponential equations. *Mathematica Balkanica*, 14, **2000**, 17 - 28

цитирана в:

453. Farmer, M., Computing the Zeros of Polynomials using the Divide and Conquer Approach, PhD Thesis, Department of Computer Science and Information Systems, Birkbeck, University of London, 2014., @**2014**

201. 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

цитирана в:

454. Wang, Pei-Ning, Chou, Kun-Hsien, Chang, Ni-Jung, Lin, Ker-Neng, Chen, Wei-Ta, Lan, Gong-Yau, Lin, Ching-Po, Lirng, Jiing-Feng. Callosal degeneration topographically correlated with cognitive function in amnesic mild cognitive impairment and alzheimer's disease dementia. *Human Brain Mapping*. Vol. 35. Num. 4. ISSN 1097-0193. DOI: 10.1002/hbm.22271 1529- 1543. 2014, @**2014**
455. Nagesh Adluru, Daniel J. Destiche, Sharon Yuan-Fu Lu, Samuel T. Doran, Alex C. Birdsill, Kelsey E. Melah, Ozioma C. Okonkwo, Andrew L. Alexander, N. Maritza Dowling, Sterling C. Johnson, Mark A. Sager,

Barbara B. Bendlin, White matter microstructure in late middle-age: Effects of apolipoprotein E4 and parental family history of Alzheimer's disease, *NeuroImage: Clinical*, Volume 4, 2014, Pages 730-742, ISSN 2213-1582, <http://dx.doi.org/10.1016/j.nicl.2014.04.008>, @2014

202. **Drensky, V.**: Free Algebras and PI-Algebras, Springer-Verlag, Berlin-Heidelberg-Singapore, 2000. ISBN 981-4021-48-2.

цитирана в:

456. Di Vincenzo, O. M., V. R. T. da Silva: On Z_2 -graded identities of the generalized Grassmann envelope of the upper triangular matrices $UT_{k,l}(F)$, *J. Pure Appl. Algebra* 218 (2014), 285-296. ISSN 0022-4049.
457. M. Kharitonov, Estimates in Shirshov height theorem (Russian), arXiv:1411.7435v1 [math.RA].
458. Giambruno, A., D. La Mattina, M. Zaicev: Classifying the minimal varieties of polynomial growth, *Canad. J. Math.* 66 (2014), No. 3, 625-640. ISSN 0008-414X, 1496-4279.
459. Gordienko, A. S.: On a formula for the PI-exponent of Lie algebras, *J. Algebra Appl.* 13 (2014), No. 1, 1350069, 18 pp. ISSN 0219-4988, 1793-6829.
460. Ratseev, S. M.: Necessary and sufficient conditions of polynomial growth of varieties of Leibniz-Poisson algebras, *Izvestia VUZov, Matematika* 2014, No. 3, 33-39. ISSN 2076-4626, 0021-3446. *Russian Mathematics* 58 (2014), No. 3, 26-30. ISSN 1066-369X, 1934-810X.
461. Gonçalves, D. J. A. Krasilnikov, I. Sviridova: Limit T -subalgebras in free associative algebras, *J. Algebra* 412 (2014), 264-280. ISSN 0021-8693.
462. Giambruno, M. da Silva Souza, A.: Minimal varieties of graded Lie algebras of exponential growth and the special Lie algebra sl_2 , *J. Pure Appl. Algebra* 218 (2014), 1517-1527. ISSN 0022-4049.
463. Cirrito, A., F. Martino: Ordinary and graded cocharacter of the Jordan algebra of 2×2 upper triangular matrices, *Linear Alg. Appl.* 451 (2014), 246-259. ISSN 0024-3795.
464. Alves, S. M.: The Algebras $M_{n,n}(E)$ and $M_n(E) \otimes E$ in Positive Characteristic, *Internat. J. Algebra* 8 (2014), No. 4, 175-180. ISSN 1312-8868, 1314-7595.
465. Zaicev, M.: On existence of PI-exponents of codimension growth, *Electronic Research Announcements in Math. Sci.* 21 (2014), 113-119. ISSN 1935-9179.
466. Mishchenko, S., A. Valenti: An almost nilpotent variety of exponent 2, *Israel J. Math.* 199 (2014), No. 1, 241-257. ISSN 0021-2172, 1565-8511.
467. Gordienko, A. S., M. V. Kochetov: Derivations, gradings, actions of algebraic groups, and codimension growth of polynomial identities, *Algebr. Represent. Theory* 17 (2014), 539-563. ISSN 1386-923X, 1572-9079.
468. Szgeti, J., L. van Wyk: The symmetric determinant for $n \times n$ matrices and the symmetric Newton formula in the 3×3 case, *Linear and Multilinear Algebra* 62 (2014), No. 8, 1076-1090. ISSN 0308-1087, 1563-5139.

469. Machado, G. G., P. Koshlukov: GK dimension of the relatively free algebra for sl_2 , Monatshefte für Mathematik 175 (2014), No. 4, 543-553. ISSN 0026-9255, 1436-5081.
470. Gonçalves Fonseca, L. F.: Graded polynomial identities and central polynomials of matrices over an infinite integral domain, Rendiconti del Circolo Matematico di Palermo 63 (2014), No. 3, 371-387. ISSN 0009-725X, 1973-4409.
471. Gonçalves, D. J., T. C. de Mello: Minimal Varieties and Identities of Relatively Free Algebras, arXiv: 1405.7546v2 [math.RA].
472. Centrone, L., A. Cirrito: Y -Proper graded cocharacters of upper-triangular matrices of order m graded by the m -tuple $\varphi=(0,0,1,\dots,m-2)$, arXiv:1407.1701v1 [math.RA].
473. Gonçalves Fonseca, L. F.: Z_2 -graded identities of the Grassmann algebra over a finite field, arXiv: 1403.0888v1[math.RA].
474. Klep, I., Š. Špenko: Free function theory through matrix invariants, arXiv: 1407.7551v1 [math.RA].
475. Gordienko, A. S.: Semigroup graded algebras and codimension growth of graded polynomial identities, arXiv: 1409.0151v1 [math.RA].
476. Deryabina, G., A. Krasilnikov: The subalgebra of graded central polynomials of an associative algebra, arXiv: 1409.7937v1 [math.RA].
477. Sviridova, I.: Identities of finitely generated graded algebras with involution, arXiv: 1410.2222v1 [math.RA].
478. Sviridova, I.: Finite basis problem for identities with involution, arXiv: 1410.2233v1 [math.RA].
479. Hai, B. X., M. H. Bien, T. T. Deo: Division rings related to the Kurosh problem, Vietnam Institute for Adv. Studies in Math. Preprint ViAsM14.15.
480. Ratseev, S. M.: Numerical characteristics of some varieties of linear algebras (Russian), Ph. D. Thesis, Univ. of Ulyanovsk, 2014.
481. Ismailov, N. A.: Free Novikov algebra as S_n -module, Ph. D. Thesis, Al-Farabi Kazakh National University, Almaty, 2014.
482. De Paula, F. G.: A dimensão de Gelfand-Kirillov em característica positiva, Ph. D. Thesis, Universidade Federal de Alagoas, 2014.
483. Yasumura, F. Y.: Identidades polinomiais em álgebras de matrizes, M. Sci. Thesis, University of Campinas, 2014.

203. **Bazhlekova, E.** Subordination principle for fractional evolution equations. *Fract. Calc. Appl. Anal.* 3 (3) (2000), pp. 213–230. ISSN: 1311-0454

цитирана в:

484. Mijena, J.B., Nane, E., Strong analytic solutions of fractional cauchy problems (2014) *Proceedings of the American Mathematical Society*, 142 (5), pp. 1717-1731.
485. Kochubei, A.N., Asymptotic properties of solutions of the fractional diffusion-wave equation (2014) *Fractional Calculus and Applied Analysis*, 17 (3), pp. 881-896.
486. Doungmo Goufo, E.F., Maritz, R., Mugisha, S., Existence results for a Michaud fractional, nonlocal, and randomly position structured

- fragmentation model (2014) *Mathematical Problems in Engineering*, 2014, art. no. 361234.
487. Doungmo Goufo, E.F. A Mathematical Analysis of Fractional Fragmentation Dynamics with Growth, *Journal of Function Spaces*, vol. 2014, Article ID 201520, 7 pages, 2014.
488. Gorenflo, R., A.A. Kilbas, F. Mainardi, S. V. Rogosin. "Mittag-Leffler Functions: Related Topics and Applications." *Springer Monographs in Mathematics*, 2014
489. Meerschaert M.M., R.L. Schilling, A. Sikorskii, Stochastic solutions for fractional wave equations, *Nonlinear Dynamics*, 2014, DOI 10.1007/s11071-014-1299-z

204. **Bazhlekova E.**, Perturbation and approximation properties for abstract evolution equations of fractional order, RANA Report 00-05, Technische Universiteit Eindhoven, (2000).

цитирана в:

490. Abadias, L., P. J. Miana. Hermite expansions of C_0 -groups and cosine functions. arXiv preprint arXiv:1404.3871 (2014).

205. **Ganchev G., Ivanov S.**, Holomorphic and Killing vector fields on compact balanced Hermitian manifolds // *Int. J. Math.*, **11** (2000), 15-28.

цитирана в:

491. Kefeng Liu, Xiaokui Yang, *Ricci curvatures on Hermitian manifolds*, arXiv:1404.2481

206. **Ganchev G.**, V. Mihova. *Riemannian manifolds of quasi-constant sectional curvatures.* // *Journal für die reine und angewandte Mathematik*, **522** (2000) 119-141.

цитирана в:

492. Funar L., The topology of closed manifolds with quasi-constant sectional curvature. arXiv:1406.0327.
493. Olea B., Canonical variation of a Lorentzian metric // *JMAA*, 319 (2014), 156-171.

207. **Petrushev, Pencho**, Bases consisting of rational functions of uniformly bounded degrees or more general functions. *J. Funct. Anal.* 174 no. 1 (2000), 18–75.

цитирана в:

494. Viswanathan, P.; Chand, A. K. B. Fractal rational functions and their approximation properties. *J. Approx. Theory* 185 (2014), 31–50.
495. Nielsen, Morten, Frames for decomposition spaces generated by a single function. *Collect. Math.* 65 no. 2, (2014), 183–201.

208. М. Петков, **Н. Кюркчиев**, Числени методи за решаване на нелинейни уравнения, Университетско Издателство “Св. Климент Охридски”, 2000

цитирана в:

496. Петкова, М., Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременно апроксимиране на нули на полином, Дисертационен труд за присъждане на

образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014

497. Чолаков, С., Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014

209. **Markov, S.**, Computation of Algebraic Solutions to Interval Systems via Systems of Coordinates, *Scientific Computing, Validated Numerics, Interval Methods*, W. Kraemer, J.W. von Gudenberg, Kluwer Dordrecht. (2000), pp. 103-114.

цитирана в:

498. Boukezzoula, R., Galichet, S., Foulloy, L., Elmasry, M., Extended gradual interval (EGI) arithmetic and its application to gradual weighted averages, *Fuzzy Sets and Systems*, 257 (2014), pp. 67 – 84.

210. **Markov, S.** On the algebraic properties of convex bodies and some applications, *Journal of Convex Analysis*, 7(1), (2000) pp. 129-166.

цитирана в:

499. Holčapek, M., Štěpnička, M., MI-algebras: A new framework for arithmetics of (extensional) fuzzy numbers This paper is a tribute dedicated to the memory of Milan Mareš (Article), *Fuzzy Sets and Systems*, Volume 257, 16 December 2014, Pages 102-131.

211. Chesters, A.K., **I.B. Bazhlekov**, Effect of insoluble surfactants on drainage and rupture of a film between drops interacting under a constant force. *Journal of colloid and interface science* 230, no. 2 (2000): 229-243.

цитирана в:

500. Alexandrova, S., Film drainage and coalescence of drops in the presence of surfactant *Journal of Chemical Technology and Metallurgy*, 49 (4), (2014) pp. 321-328.
501. John, Biju, Morphology and properties of high density poly ethylene ethylene vinyl acetate copolymer blends. PhD Thesis, Mahatma Gandhi University (2014).
502. Huang, C., Wei Yu, Role of block copolymer on the coarsening of morphology in polymer blend: Effect of micelles. *AIChE Journal* (2014). DOI: 10.1002/aic.14633

212. **Bazhlekov, I. B.**, A. K. Chesters, 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.

цитирана в:

503. Alexandrova, S., Film drainage and coalescence of drops in the presence of surfactant *Journal of Chemical Technology and Metallurgy*, 49 (4), (2014) pp. 321-328.
504. Oprisan, A., Oprisan, S.A., Hegseth, J.J., Garrabos, Y., Lecoutre-Chabot, C., Beysens, D., Dimple coalescence and liquid droplets distributions during

phase separation in a pure fluid under microgravity , European Physical Journal E, 37 (9), (2014) pp. 1-10.

213. **Kiryakova V.**, Multiple (multiindex) Mittag-Leffler functions and relations to generalized fractional calculus // *J. of Computational and Applied Mathematics*, 118 (2000), 241-259.

цитирана в:

505. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)
506. Garra, R., Giusti, A., Mainardi, F., Pagnini, G., Fractional relaxation with time-varying coefficient // *Fract. Calc. Appl. Anal.*, 2014, 17, No 2, 424-439, ISSN 1311-0454, 1314-2224
507. Paneva-Konovska J., A family of hyper-Bessel functions and convergent series in them // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1001–1015, ISSN:1311-0454, 1314-2224
508. Garra, R., Orsingher, E., Polito, F., Fractional Klein-Gordon Equations and Related Stochastic Processes // *J. of Statistical Physics*, 2014, 155, No 4, 777-809, ISSN 0022-4715, 1572-9613
509. Paneva-Konovska, J., Convergence of series in three parametric Mittag-Leffler functions // *Mathematica Slovaca*, 2014, 64, No 1, 72-84, ISSN 0139-0018
510. Capelas de Oliveira E., Mainardi F., Jayme Vaz Jr., Fractional models of anomalous relaxation based on the Kilbas and Saigo function // *Meccanica (Special Issue)*, 2014, 49, 2049-2060; ISSN 0025-6455, 1572-9648, DOI 10.1007/s11012-014-9930-0

214. Манев К., **Н. Манева**. Информатика, 9 клас. , Издателска къща “Анубис”, София, 2000

цитирана в:

511. Атанасова Г., Ролята на алгоритмите за изграждане на професионална компетентност в областта на компютърните науки, Русе, 2014, дисертация., @2014
512. Йовчева, Б., И. Иванова, П. Петров, Втори стъпки в програмирането на C/C++, КЛМН, София, 2014, @2014

215. **Pericliev, V.** Why use machines for empirical discovery in linguistics?. *Contrastive Linguistics* 25(2), 2000, 126-147

цитирана в:

513. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

216. Valdes-Perez, R.E., F. Pereira, **V. Pericliev**. Concise, Intelligible, and Approximate Profiling of Multiple Classes. *International Journal of Human-Computer Studies*, 53(3), 2000, 411-436

цитирана в:

514. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

217. Slavova, A., Applications of some mathematical methods in the analysis of cellular neural

networks, *Journal of Computational and Applied Mathematics*, 114 (2), pp. 387-404, 2000.

цитирана в:

515. Hariharan, G., Kannan, K., Review of wavelet methods for the solution of reaction-diffusion problems in science and engineering, *Applied Mathematical Modelling* 38 (3), pp. 799-813, 2014

218. L. Gavrilov, I.D. Iliev, Second order analysis in polynomially perturbed reversible quadratic Hamiltonian systems, *Ergodic Theory Dynam. Systems* 20 (2000), no. 6, 1671--1686.

цитирана в:

516. R. Prohens, J. Torregrosa, Periodic orbits from second order perturbation via rational trigonometric integrals, *Physica D: Nonlinear Phenomena* 280-281 (2014), 59--72.
517. Yirong Liu, Jibin Li, Wentao Huang, *Planar Dynamical Systems (Selected Classical Problems)*, De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1

219. I.D. Iliev, On the limit cycles available from polynomial perturbations of the Bogdanov--Takens Hamiltonian, *Israel J. Math.* 115 (2000), 269--284.

цитирана в:

518. Yirong Liu, Jibin Li, Wentao Huang, *Planar Dynamical Systems (Selected Classical Problems)*, De Gruyter, Berlin/Boston (2014), pp 372+xviii ISBN 978-3-11-029829-1

220. B. Kawohl, N. Kutev, Comparison principle and Lipschitz regularity for viscosity solutions of some classes of nonlinear partial differential equations, *Funkcialaj Ekvacioj*, 43, 2000, 241-253.

цитирана в:

519. Nan Li¹, Pan Zheng, Chunlai Mu and Iftikhar Ahmed, Large time behavior of solutions for the porous medium equation with a nonlinear gradient source, *Boundary Value Problems* 2014, 2014:98,
<http://www.boundaryvalueproblems.com/content/2014/1/98>

2001

221. **Brainov, S.**, Hexmoor, H. Quantifying Relative Autonomy in Multiagent Interaction. In *Proceedings of the IJCAI'01 Workshop on Autonomy, Delegation, and Control: Interacting with Autonomous Agents*, pp. 27-35, Seattle, 2001.

цитирана в:

520. Mostafa, Salama A., et al. "A Dynamic Measurement of Agent Autonomy in the Layered Adjustable Autonomy Model." *Recent Developments in Computational Collective Intelligence*. Springer International Publishing, 2014. 25-35.

222. Kim, D., Song, Y., **Brainov, S.**, Rao, H. A B-to-C Trust Model for On-line Exchange. *Americas Conference on Information Systems*, pp. 784-787, Boston, 2001.

цитирана в:

521. Aloudat, Anas, et al. "Social acceptance of location-based mobile government services for emergency management." *Telematics and Informatics* 31.1 (2014): 153-171.
522. Rauniar, Rupak, et al. "Technology acceptance model (TAM) and social media usage: an empirical study on Facebook." *Journal of Enterprise Information Management* 27.1 (2014): 6-30.

223. Porter, J.W., **G. Yanev** et al. (2001). Detection of Coral Reef Change by the Florida Keys Coral Reef Monitoring Project. The Everglades, Florida Bay and Coral Reefs of the Florida Keys: An Ecosystem Sourcebook. Boca Raton: CRS Press, 749-769.

цитирана в:

523. Barnes, B.B., Hu, H., Holeskamp, K.L., Blonski, S., Spiering, B.A., Palandro, D., Lapointe, B. (2014). Use of Landsat data to track historical water quality changes in Florida Keys marine environments. *Remote Sensing of Environment*, 140, 485-496.
524. Kissling, D.L.; Precht, W.F.; Miller, S.L.; Chiappone, M. Historical reconstruction of population density of the echinoid *Diadema antillarum* on Florida Keys shallow bank-barrier reefs. *Bulletin of Marine Science*, 90(2014), 2:665-679.
525. Lirman, D., Formel, N., Schopmeyer, S., Ault, J.S., Smith, S.D., Gilliam, D., Riegl, B. Percent recent mortality (PRM) of stony corals as an ecological indicator of coral reef condition, *Ecological Indicators*, 44(2014), 120-127.

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

цитирана в:

526. Dam, Bui Khoi, and Phung Duy Quang. Finite-Time Ruin Probability In a Generalized Risk Processes under Interest Force. *Mathematica Aeterna*, Vol. 4, (2014), no. 4, 351 – 369. ISSN:1314-3344.
527. Dam, Bui Khoi, and Nguyen Thi Thuy Hong. Finite-Time Ruin Probabilities for Risk Models with Sequences of Independent and Continously Distributed Random Variables. *J. Stat. Appl. Pro. Lett.* 1, No. 3, 87-93 (2014). ISSN: 2090-844X.

225. **Kenderov P.S., I.S. Kortezov**, W.B. Moors, Topological games and topological groups, *Topology and its Applications*, Volume 109, Issue 2, 2001, стр. 157-165.

цитирана в:

528. Xie L.H., S. Lin, A note on the continuity of the inverse in paratopological groups, *Journal Studia Scientiarum Mathematicarum Hungarica*, Publisher Akadémiai Kiadó, ISSN 0081-6906 (p), 1588-2896 (e) 51, Number 3, 2014, стр. 326-334.
529. Cao J., Tomita A.H., Bornoligies, Topological Games and Function Spaces, arXiv:1403.6905, 27.03.2014, 15 стр.
530. Tkachenko M., Paratopological and Semitopological Groups Versus Topological Groups, *Recent Progress in General Topology III*, Hart K.P., J. van Mill, P. Simon (Eds), Springer, 2014, ISBN: 978-94-6239-023-2 (p) 978-94-6239-024-9 (e), стр. 825-882.

531. Muhammad Siddique Bosan, Moiz ud Din Khan, Ljubiša D.R. Kočinac, On s-Topological Groups, *Mathematica Moravica*, Vol. 18-2 (2014), стр.35-44.

226. **Kenderov P.S., I.S. Kortezov**, W.B. Moors, Continuity points of quasi-continuous mappings, *Topology and its Applications*, Vol. 109, Issue 3, **2001**, стр. 321–346.

цитирана в:

532. Mirmostafae A.K, Strong quasi-continuity of set-valued functions, *Topology and its Applications*, Volume 164, 1 March 2014, стр. 190–196.
533. Mirmostafae, A. K., Quasi-continuity of horizontally qiasi-continuous functions, *Real Analysis Exchange*, 39 (2), 2014.

227. **Ribarska N.K., Ts.Y. Tsachev, M.I. Krastanov**, A note on: "On a critical point theory for multivalued functionals and application to partial differential inclusions", *Nonlinear Analysis, Ser. A: Theory, Methods*, том:43, брой:2, **2001**, стр.153-158, Ref , IF/IR

цитирана в:

534. Shirin Mir, Mohammad Bagher Ghaemi, Ghasem Alizadeh Afrouzi, An Existence Theorem For A Class Of Differential Inclusions With A Precise Estimate On The Gradient Of A Solution, *Journal of Nonlinear Analysis and Optimization: Theory & Applications*, in press, 2014.

228. KV Mitov, **NM Yanev**. Limit theorems for alternating renewal processes in the infinite mean case. *Advances in Applied Probability*, **2001**.

цитирана в:

535. GP Yanev. Critical Controlled Branching Processes and Their Relatives - arXiv preprint arXiv:1411.6045, 2014 - arxiv.org

229. **Манева Н., А. Ескенази**. Софтуерни технологии. , Анубис, **2001**

цитирана в:

536. Сълов В., Производителност и ефективност на компютърните системи. Изд. „Наука и икономика“, Икономически университет-Варна, Варна, 2014, @**2014**

230. **Пиев, А., Пиев, 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

цитирана в:

537. P. Proinov, S. Cholakov, Convergence of Chebyshev-like method for simultaneous approximation of multiple zeros, *Comptes rendus de l'Academie bulgare des Sciences*, 2014, ISSN 1310-1331, IF: 0.211., @**2014**
538. Чолаков, С., Дисертационен труд „Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @**2014**
539. Чолаков, С., Автореферат на дисертационен труд „Сходимост на итерационни методи от типа на Чебишов за едновременна

апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014

231. **Stanchev P.** Content-based image retrieval systems. Proceedings of CompSysTech'2001, **2001**, 1 - 6

цитирана в:

540. Mariana Tsvetanova Stoeva and Violeta Todorova Bozhikova. Hierarchical Model for Storage and Retrieval of Images Content-Based Systems. Annual Journal of Electronics, 2014, ISSN 1314-0078, 162-165, @2014

232. Alt, R., **Markov, S.**, On the algebraic Properties of Stochastic Arithmetic. Comparison to Interval Arithmetic, Scientific Computing, Validated Numerics, Interval Methods, W. Kraemer, J.W. von Gudenberg, Kluwer Academic Dordrecht. (**2001**)pp. 331-341.

цитирана в:

541. Boukezzoula, R., Galichet, S., Foulloy, L., Elmasry, M., Extended gradual interval (EGI) arithmetic and its application to gradual weighted averages, Fuzzy Sets and Systems , 257, (2014) pp. 67 – 84.

233. **Markov, S.** On the algebraic properties of intervals and some applications, Reliable Computing, 7(2), (**2001**)pp. 113-127. doi: 10.1023/A:1011418014248

цитирана в:

542. Holčapek, M., Štěpnička, M., MI-algebras: A new framework for arithmetics of (extensional) fuzzy numbers This paper is a tribute dedicated to the memory of Milan Mareš (Article), Fuzzy Sets and Systems, Volume 257, 16 December 2014, Pages 102-131.

234. **Popova, E.D.**, Multiplication Distributivity of Proper and Improper Intervals. Reliable Computing 7(2): **2001**, 129-140.

цитирана в:

543. Kenoufi, A., Probabilist set inversion using pseudo-intervals arithmetic, TEMA (Sao Carlos) 15.1 (2014): 97-117.
544. Yan Wang, Training Generalized Hidden Markov Model with Interval Probability Parameters, in M. Beer, S-K. Au, J. W. Hall (Eds) Vulnerability, Uncertainty, and Risk: Quantification, Mitigation, and Management, American Society of Civil Engineers 2014, pp. 876-886.
545. Yan Wang, Stochastic dynamics simulation with generalized interval probability, International Journal of Computer Mathematics (2014) <http://dx.doi.org/10.1080/00207160.2014.905681>.
546. Xie F., Wu B., Hu Y., Wang Y., Jia G., and Cheng Y. (2014) A generalized interval probability-based optimization method for training generalized hidden Markov model, Signal Processing, 94(1):319-329.

235. **Popova, E.D.**, On the Solution of Parametrised Linear Systems. In: W. Kraemer, J. Wolff von Gudenberg (Eds.), Scientific Computing, Validated Numerics, Interval Methods, Kluwer Acad. Publishers, **2001**, 127-138.

цитирана в:

547. El-Owny, Hassan Badry Mohamed A., New Generalized Interval Arithmetic and its applications to structural mechanics and electrical circuits. IJCSI International Journal of Computer Science Issues, v.11, Issue 1, No 2, 2014, 85-92.
548. Milan Hladik, Strong solvability of linear interval systems with simple dependencies, Internat. J. of Fuzzy Computation and Modelling, online 2014.
549. M. Hladik, Optimal preconditioning for the interval parametric Gauss–Seidel method, in: M. Nehmeier (Ed.), Book of Abstracts, 16th GAMM-IMACS Int. Symposium on Scientific Computing, Computer Arithmetic and Validated Numerics (SCAN 2014), Univ. Wuerzburg, Germany, 2014, p. 68.
550. L. Kolev, Parameterized solution of linear interval parametric systems, Applied Mathematics and Computation 246 (2014) 229–246.
551. L. Kolev, Componentwise Determination of the Interval Hull Solution for Linear Interval Parameter Systems, Reliable Computing 20 (2014) 1-24.
552. Stuber, Matthew D., Joseph K. Scott, and Paul I. Barton: Convex and Concave Relaxations of Implicit Functions, Optimization Methods and Software, (2014): 1-40. <http://dx.doi.org/10.1080/10556788.2014.924514>.
553. Uwamusi, Stephen Ehidiamhen: The Roles of Condition Number for the Interval Hull Solution Set in Least Squares Equation, British Journal of Mathematics and Computer Science 4.11 (2014): 1480-1495.

236. **Anguelov, R;** Lubuma, JMS, Contributions to the mathematics of the nonstandard finite difference method and applications, NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS Volume:17 Issue:5, (2001) pp.518-543.

цитирана в:

554. Nagy, A. M.; Sweilam, N. H., An efficient method for solving fractional Hodgkin-Huxley model, PHYSICS LETTERS A Volume: 378 Issue: 30-31, (2014), pp. 1980-1984.
555. Guerrero, Francisco; Gonzalez-Parra, Gilberto; Arenas, Abraham J. A nonstandard finite difference numerical scheme applied to a mathematical model of the prevalence of smoking in Spain: a case study COMPUTATIONAL & APPLIED MATHEMATICS Volume: 33 Issue: 1 (2014) pp. 13-25.
556. Momoniat, E., A Modified Equation Approach to Selecting a Nonstandard Finite Difference Scheme Applied to the Regularized Long Wave Equation, ABSTRACT AND APPLIED ANALYSIS Article Number: 754543 (2014).
557. Zhang, Lei; Wang, Lisha; Ding, Xiaohua, Exact Finite Difference Scheme and Nonstandard Finite Difference Scheme for Burgers and Burgers-Fisher Equations, JOURNAL OF APPLIED MATHEMATICS Article Number: 597926, (2014).

237. **Apostolov, V.**, Bihermitian surfaces with odd first Betti number. Math. Z. 238 (2001), no. 3, 555–568.

цитирана в:

558. Fujiki A., Pontecorvo M., Twistors and bi-Hermitian surfaces of non-Kähler type. *SIGMA Symmetry Integrability Geom. Methods Appl.* 10 (2014), Paper 042, 13 pp.

238. **Вайлекова Е.**, Fractional evolution equations in Banach spaces, PhD thesis, Eindhoven University of Technology, Eindhoven, The Netherlands (2001)

цитирана в:

559. Alvarez-Pardo, E., Lizama, C. Mild solutions for multi-term time-fractional differential equations with nonlocal initial conditions (2014) *Electronic Journal of Differential Equations*, 2014, art. no. 39.
560. Anh, C.T. , T.D. Ke. On nonlocal problems for retarded fractional differential equations in Banach spaces, *Fixed Point Theory* 15 (2014), No.2, 373-392.
561. Chadha, A., Pandey, D.N. Existence results for an impulsive neutral fractional integrodifferential equation with infinite delay (2014) *International Journal of Differential Equations*, 2014, art. no. 780636 .
562. Chen, C., Kostić, M., Li, M., Representation of complex powers of C-sectorial operators (2014) *Fractional Calculus and Applied Analysis*, 17 (3), pp. 827-854.
563. C. Chen, M. Kostic, M. Li, Complex powers of almost C-nonnegative operators, *Contemporary Analysis and Applied Mathematics*, Vol.2, No.1, 1-77, 2014
564. Chuong, N.M., Ke, T.D., Quan, N.N. Stability for a class of fractional partial integro-differential equations (2014) *Journal of Integral Equations and Applications*, 26 (2), pp. 145-170.
565. Dai, H., H. Zhang. Exponential growth for wave equation with fractional boundary dissipation and boundary source term. *Boundary Value Problems* 2014.1 (2014): 1-8.
566. Dhanapalan, V., M. Thamilselvan, M. Chandrasekaran. Nonlocal fractional semilinear integrodifferential equations in separable Banach spaces. *American Journal of Applied Mathematics* 2.2 (2014): 60-63.
567. Dubey, S., Sharma, M. Solutions to fractional functional differential equations with nonlocal conditions (2014) *Fractional Calculus and Applied Analysis*, 17 (3), pp. 654-673.
568. Eivani, S.. "Mild Solution to Fractional Boundary Value Problem with Nonlinear Boundary Conditions." *Journal of mathematics and computer science* 13 (2014), 257-280
569. Fadili, A., Bounit, H. On the complex inversion formula and admissibility for a class of Volterra systems (2014) *International Journal of Differential Equations*, 2014, art. no. 948597, .
570. Fan, Z. Existence and regularity of solutions for evolution equations with Riemann-Liouville fractional derivatives (2014) *Indagationes Mathematicae*, 25 (3), pp. 516-524.
571. Fan, Z. Characterization of compactness for resolvents and its applications (2014) *Applied Mathematics and Computation*, 232, pp. 60-67.
572. Gu, H., J.J. Trujillo. Existence of mild solution for evolution equation with Hilfer fractional derivative, *Applied Mathematics and Computation* (2014). doi:10.1016/j.amc.2014.10.083

573. Jia, J., Peng, J., Li, K. Well-posedness of abstract distributed-order fractional diffusion equations Communications on Pure and Applied Analysis, (2014), 13 (2), pp. 605-621.
574. Ke, T.D., Lan, D. Decay integral solutions for a class of impulsive fractional differential equations in Banach spaces (2014) Fractional Calculus and Applied Analysis, 17 (1), pp. 96-121.
575. Kolokoltsov, V., M. Veretennikova. "Well-posedness and regularity of the Cauchy problem for nonlinear fractional in time and space equations." arXiv preprint arXiv:1402.6735 (2014).
576. Kostić, M. Abstract differential operators generating fractional resolvent families. Acta Mathematica Sinica, English Series 30.11 (2014): 1989-1998.
577. Kostić, M. Abstract Volterra integro-differential equations: Approximation and convergence of resolvent operator families (2014) Numerical Functional Analysis and Optimization, 35 (12), pp. 1579-1606.
578. Kostić, M. Systems of abstract time-fractional equations (2014) Publications de l'Institut Mathématique, 95 (109), pp. 119-132.
579. Kostić, M. Generalized well-posedness of hyperbolic volterra equations of non-scalar type (2014) Annals of the Academy of Romanian Scientists: Series on Mathematics and its Applications, 6 (1), pp. 21-49.
580. Kumar P., D.N. Pandey, D. Bahuguna, Impulsive boundary value problems for fractional differential equations with deviating arguments, " Journal of Fractional Calculus and Applications 5.1 (2014): 146-155.
581. Li, Kexue. Stochastic delay fractional evolution equations driven by fractional Brownian motion. Mathematical Methods in the Applied Sciences (2014). DOI: 10.1002/mma.3169
582. Li, Kexue. Fractional order semilinear Volterra integrodifferential equations in Banach spaces. arXiv preprint arXiv:1406.3995 (2014).
583. Li, Y.-N., Sun, H.-R. Integrated fractional resolvent operator function and fractional abstract cauchy problem (2014) Abstract and Applied Analysis, 2014, art. no. 430418, .
584. Li, Ya-Ning, Hong-Rui Sun. "Regularity of mild solutions to fractional Cauchy problems with Riemann-Liouville fractional derivative." Electronic Journal of Differential Equations, 2014, no. 184 (2014): 1-13.
585. Li, C.-G., Kostic, M., Li, M. Abstract multi-term fractional differential equations (2014) Kragujevac Journal of Mathematics, 38 (1), pp. 51-71.
586. Li, K., P. Jigen. Controllability of fractional neutral stochastic functional differential systems. (2013) Zeitschrift für angewandte Mathematik und Physik: 2014, Volume 65(5) pp 941-959
587. Liu, R., Li, M., Pastor, J., Piskarev, S.I. On the approximation of fractional resolution families (2014) Differential Equations, 50 (7), pp. 927-937.
588. Liu, X., Liu, Z., Bin, M. The solvability and optimal controls for some fractional impulsive equations of order $1 < \alpha < 2$ (2014) Abstract and Applied Analysis, 2014, art. no. 142067 .
589. Meerschaert M.M., R.L. Schilling, A. Sikorskii, Stochastic solutions for fractional wave equations, Nonlinear Dynamics, 2014, DOI 10.1007/s11071-014-1299-z

590. Mei, Z.-D., Peng, J.-G. Riemann-Liouville abstract fractional Cauchy problem with damping (2014) *Indagationes Mathematicae*, 25 (1), pp. 145-161.
591. Mei, Z.-D., Peng, J.-G., Gao, J.-H. Convolved fractional C -semigroups and fractional abstract Cauchy problems (2014) *Abstract and Applied Analysis*, 2014, art. no. 357821 .
592. Mei, Z.-D., Peng, J.-G., Jia, J.-X. A new characteristic property of Mittag-Leffler functions and fractional cosine functions (2014) *Studia Mathematica*, 220 (2), pp. 119-140.
593. Nadeem, M., J. Dabas, Controllability result of impulsive stochastic fractional functional differential equation with infinite delay. *Int. J. Adv. Appl. Math. and Mech* 2.1 (2014): 9-18.
594. Poblete, V., Pozo, J.C. Periodic solutions of a fractional neutral equation with finite delay (2014) *Journal of Evolution Equations*, 14 (2), pp. 417-444.
595. Shu, X.-B., Xu, F. Upper and lower solution method for fractional evolution equations with order $1 < \alpha < 2$ (2014) *Journal of the Korean Mathematical Society*, 51 (6), pp. 1123-1139.
596. Wang, J.R., A.G. Ibrahim, M. Fečkan. Nonlocal impulsive fractional differential inclusions with fractional sectorial operators on Banach spaces. *Applied Mathematics and Computation* (2014). doi:10.1016/j.amc.2014.04.093
597. Xia, Z. Asymptotically periodic solutions of semilinear fractional integro-differential equations (2014) *Advances in Difference Equations*, 2014 (1), art. no. 9.
598. Xia, Z. Weighted Stepanov-like pseudoperiodicity and applications (2014) *Abstract and Applied Analysis*, 2014, art. no. 980869.
599. Yang, X., Gu, H. Complete controllability for fractional evolution equations (2014) *Abstract and Applied Analysis*, 2014, art. no. 730695.

239. **Ganchev G., Ivanov S.**, Harmonic and holomorphic 1-forms on compact balanced Hermitian manifold // *Diff. Geom. Appl.*, **14** (1) (2001), 79-93

цитирана в:

600. Kefeng Liu, Xiaokui Yang, *Ricci curvatures on Hermitian manifolds*, arXiv:1404.2481

240. **Raikov G. D.**, M. Dimassi, *Spectral asymptotics for quantum Hamiltonians in strong magnetic fields* // *Cubo Matemática Educacional*, **3** (2001), 317-391. ISSN: 0716.7776

цитирана в:

601. Sambou D., Lieb-Thirring type inequalities for non-self-adjoint perturbations of magnetic Schrödinger operators, *J. Funct. Anal.* **266** (2014), 5016-5044. ISSN: 0022-1236

241. Ice Risteski & Valery Covachev, *Complex Vector Functional Equations*, World Scientific, New Jersey – London – Singapore – Hong Kong, **2001**, 324 p.

цитирана в:

602. M. Rafei, W. T. Van Horssen, On constructing solutions for the functional equation $Z(x, y, n) = Z(a_1 1x + a_1 2y, a_2 1x + a_2 2y, n+1)$, *Applied Mathematics and Computation*, 273 (2014), 373–385.

242. **Popova, E.D.**, Multiplication Distributivity of Proper and Improper Intervals. *Reliable Computing* 7(2):129-140, **2001**.

цитирана в:

603. Reda Boukezzoula, Sylvie Galichet, Laurent Foulloy, Moheb Elmasry, Extended gradual interval (EGI) arithmetic and its application to gradual weighted averages, *Fuzzy Sets and Systems* (2014), 257(16):67-84.
<http://dx.doi.org/10.1016/j.fss.2013.08.003> ISSN: 0165-0114

2002

243. **Drensky, V.**, G.M. Piacentini Cattaneo, Varieties of metabelian Leibniz algebras, *J. Algebra and its Applications* 1 (**2002**), No. 1, 31-50. ISSN 0219-4988, 1793-6829.

цитирана в:

604. Frolova, Yu. Yu., O. V. Shulezhko: Description of all almost nilpotent varieties of Leibniz algebras, *Materials of XII International conference "Algebra and Number Theory: Modern Problems and Applications"* Dedicated to the 80th Anniversary of Prof. Viktor Nikolaevich Latyshev, Russia, Tula, April 21 – 25, 2014, 184-185.
605. Agore, A. L., G. Militaru: Itô's theorem and metabelian Leibniz algebras, arXiv: 1401.4675v1 [math.RA].
606. Ratseev, S. M.: Numerical characteristics of some varieties of linear algebras (Russian), Ph. D. Thesis, Univ. of Ulyanovsk, 2014.

244. **Braynov, S.**, T. Sandholm. Contracting with uncertain level of trust, *Computational Intelligence*, Volume 18, Number 4, **2002**, 15-21.

цитирана в:

607. Guo, Fang, and Jie Xiao. "Research of Dynamic Negotiation Model Based on Mobile Agent." *2014 International Conference on Mechatronics, Control and Electronic Engineering (MCE-14)*. Atlantis Press, 2014.
608. Liu, Yuan. Towards the Design of Robust Incentive Mechanisms to Address Subjectivity and Dishonesty Problems in Agent Reporting. Diss. Nanyang Technological University, 2014.
609. Tran, Duc, et al. "FACTORS INFLUENCING CONSUMER'S TRUST IN E-COMMERCE: AN EMPIRICAL EXAMINATION IN VIETNAM." *International Journal of Business Research* 14.2 (2014).

245. **Braynov, S.**, Sandholm, T. Trust Revelation in Multiagent Interaction. in *Proceedings of CHI'02 Workshop on The Philosophy and Design of Socially Adept Technologies*, pp.57-60, Minneapolis, **2002**.

цитирана в:

610. Ray, Indrajit, and Indrakshi Ray. "Trust-Based Access Control for Secure Cloud Computing." *High Performance Cloud Auditing and Applications*. Springer New York, 2014. 189-213.

246. 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

цитирана в:

611. Ilaria Caraccio, Alexander V. Pechinkin, Rostislav V. Razumchik. Joint Stationary Distribution of Queues in Homogeneous MjMj3 Queue with Resequencing. *Proceedings 28th European Conference on Modelling and Simulation. ECMS*, ISBN: 978-0-9564944-8-1 / ISBN: 978-0-9564944-9-8 (CD), @**2014**

247. **Baicheva, T.**, S. Dodunekov and R. Koetter, On the performance of the ternary [13,7,5] quadratic residue code, *IEEE Trans. on Inform. Theory*, vol. 48, No. 2, **2002**, 562-564.

цитирана в:

612. K Xenoulis, List Permutation Invariant Linear Codes: Theory and Applications, *IEEE Trans. Inform. Theory*, Vol. 60, Issue 9, Sept. 2014, 5263-5282.
613. Svanstrom, M., Ostergard, P. R. J., & Bogdanova, G. T.: Bounds and constructions for ternary constant-composition codes. *Information Theory, IEEE Transactions on*, 48(1), 2002, 101-111. ISSN: 0018-9448
614. цитирана в:
615. Chee, Y. M., Gao, F., Kiah, H. M., Ling, A. C. H., Zhang, H., & Zhang, X.: Decompositions of edge-colored digraphs: A new technique in the construction of constant-weight codes and related families. In *Information Theory (ISIT), 2014 IEEE International Symposium on*. IEEE. 2014, June, 1436-1440.
616. Chee, Y. M., Gao, F., Kiah, H. M., Ling, A. C. H., Zhang, H., & Zhang, X.: Applications of Decompositions of Edge-Colored Digraphs to the Construction of Optimal Codes. *arXiv preprint arXiv: 1401.3925*. 2014.
617. Wei, H., Zhang, H., Zhu, M., & Ge, G.: Optimal ternary constant-composition codes with weight four and distance six. *Discrete Mathematics, Elsevier*, 338(3), 72-87. (to appear). ISSN: 0012-365X
618. Wei, H., Zhang, H., & Ge, G.: Completely reducible super-simple designs with block size five and index two. *Designs, Codes and Cryptography, Springer*, 2014, 1-12. ISSN: 1573-7586
619. Zhu, M., & Ge, G.: Room squares with super-simple property. *Designs, Codes and Cryptography, Springer*, 71(3), 2014, 365-381. ISSN: 1573-7586
620. Hengjia, W., Hui, Z., Mingzhi, Z., & Gennian, G.: Optimal Ternary Constant-Composition Codes with Weight Four and Distance Six. *arXiv preprint arXiv:1409.6092*. 2014.

248. B. Lemaire, C. Ould Ahmed Salem, **J.P. Revalska**, Well-posedness by perturbations of variational problems, *J. Optim. Theory and Appl.*, 115, No.2(2002), 345--368. ISSN: 0022-3239

цитирана в:

621. X.-b. Li, R.P Agarwal, Y.J. Cho and N.-j. Huang, The well-posedness for a system of generalized quasi-variational inclusion problems, *J. of Inequalities and Applications*, 2014:321 doi:10.1186/1029-242X-2014-321, IF:0.77, ISSN: 1029-242X (electronic version)
622. D.-n.Qu and C.-z. Cheng, Several types of well-posedness for generalized vector quasi-equilibrium problems with their relations, *Fixed Point Theory and Applications*, Volume 2014, 2014:8, doi:10.1186/1687-1812-2014-8;ISSN: 1687-1812
623. R.-l. Deng, Levitin-Polyak Well-Posedness of an Equilibrium-Like Problem in Banach Spaces, *Abstract and Applied Analysis*, Volume 2014 (2014), Article ID 368098, 6 pages, <http://dx.doi.org/10.1155/2014/368098>; ISSN: 1085-3375 (Print)
624. Y.L. Zhao and L. Zhu, Well-Posedness for Parametric Generalized Strong Vector Quasi-Equilibrium Problem, *Applied Mechanics and Materials* (Volumes 556 - 562), (2014), 4093-4096, 10.4028/www.scientific.net/AMM.556-562.4093; ISSN: 1662-7482

249. Ewing, R., **Iliev, O.**, Lazarov, R., A modified finite volume approximation of second-order elliptic equations with discontinuous coefficients, *SIAM Journal on Scientific Computing*, 23 (4), (2002), pp. 1335-1351.

цитирана в:

625. Zhang, Y., Wang, W., Guzmán, J., Shu, C.-W., Multi-scale discontinuous Galerkin method for solving elliptic problems with curvilinear unidirectional rough coefficients, *Journal of Scientific Computing*, 61 (1), (2014) pp. 42-60.
626. Asadi, R., Ataie-Ashtiani, B., Simmons, C.T., Finite volume coupling strategies for the solution of a Biot consolidation model, *Computers and Geotechnics*, 55, (2014) pp. 494-505.

250. Binev, Peter; Dahmen, Wolfgang; DeVore, Ronald; **Petrushev, Pencho**, Approximation classes for adaptive methods. *Serdica Math. J.* 28 no. 4, (2002), 391–416.

цитирана в:

627. Gaspoz, Fernando D.; Morin, Pedro, Approximation classes for adaptive higher order finite element approximation. *Math. Comp.* 83 no. 289, (2014), 2127–2160.
628. Li, Mingxia; Li, Jingzhi; Mao, Shipeng, Numerical analysis of an adaptive FEM for distributed flux reconstruction. *Commun. Comput. Phys.* 15 no. 4, (2014), 1068–1090.
629. Feischl, M.; Führer, T.; Praetorius, D. Adaptive FEM with optimal convergence rates for a certain class of nonsymmetric and possibly nonlinear problems. *SIAM J. Numer. Anal.* 52 no. 2, (2014), 601–625.

251. Bahturin, Yu., **V. Drensky**: Graded polynomial identities of matrices, *Linear Algebra and its Appl.* 357 (2002), 15-34. ISSN 0024-3795.

цитирана в:

630. Zaicev, M.: On existence of PI-exponents of codimension growth, *Electronic Research Announcements in Math. Sci.* 21 (2014), 113-119. ISSN 1935-9179.
631. Diniz, D.: 2-Graded identities for the tensor square of the Grassmann algebra, *Linear and Multilinear Algebra*, 2014. ISSN 0308-1087, 1563-5139.
632. Belov-Kanel, A., A. Giambruno, L. H. Rowen, U. Vishne: Zariski Closed Algebras in Varieties of Universal Algebra, *Algebras and Representation Theory* 17 (2014), No. 6, 1771-1783. ISSN 1386-923X, 1572-9079.
633. Gonçalves Fonseca, L.F.: Graded polynomial identities and central polynomials of matrices over an infinite integral domain, *Rendiconti del Circolo Matematico di Palermo* 63 (2014), No. 3, 371-387. ISSN 0009-725X, 1973-4409.
634. Carvalho, G. S.: Identidades Graduadas e o Produto Tensorial de Álgebras, *M. Sci. Thesis, Univ. of Brasilia*, 2014.

252. **Guelev, D. P.**, Dang Van Hung. Prefix and Projection onto State in Duration Calculus. *Proceedings of the ETAPS workshop Theory and Practice of Timed Systems (TPTS'02)*, 2002. *Electronic Notes in Theoretical Computer Science* volume 65, Issue 6, Elsevier Science. ISSN: 1571-0661

цитирана в:

635. Ferrucci, Luca: Integrating formal methods with industrial standards in the development of flexible manufacturing systems, *Doctoral Dissertation, Politecnico di Milano, Dipartimentodi elettronica, informazione e bioingegneria. Dottorato di ricerca in ingegneria dell'informazione*, 2013 – XXVI. URL: https://www.politesi.polimi.it/bitstream/10589/88668/1/2014_02_PhD_Ferrucci.pdf
636. Schellhorn, G., Bogdan Tofan, Gidon Ernst, Jörg Pfähler, Wolfgang Reif: RGITL: A temporal logic framework for compositional reasoning about interleaved programs. *Annals of Mathematics and Artificial Intelligence*, v. 71, issue 1-3, pp. 131--174, 2014, doi 10.1007/s10472-013-9389-z, ISSN: 1012-2443 (print version, ISSN: 1573-7470 (electronic version)
637. Dongol, B., Ian J. Hayes, John Derrick: Deriving real-time action systems with multiple time bands using algebraic reasoning, *Science of Computer Programming*, Elsevier, ISSN: 0167-6423, V. 85, Part B, 2014, pp. 137-165.

253. **Гроздев, С.:** Синергетика на ученето, *Педагогика*, 7, 2002, 3 – 23.

цитирана в:

638. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), *Дисертация за присъждане на образователната и научна степен “доктор”*, Благоевград, 08.01.2014 г.
639. Колева, К.: Формиране на умения за решаване на логически задачи в контекста на синергетичния подход, *Дисертация за присъждане на*

образователната и научна степен „доктор“, 14 юни 2014 г., Пловдив, 2014

254. **Гроздев, С.:** Организация и самоорганизация при решаване на задачи, Математика и информатика, 6, **2002**, 51 – 58.

цитирана в:

640. Гоговска, В., Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.
641. Колева, К., Формиране на умения за решаване на логически задачи в контекста на синергетичния подход, Дисертация за присъждане на образователната и научна степен „доктор“, 14 юни 2014 г., Пловдив, 2014
642. Петрова, Е., Формиране на математически умения у ученици 1. – 4. клас с увредено зрение, Дисертация за присъждане на образователната и научна степен „доктор“, Пловдив, 2014 г.

255. **Dimitrova, L., R. Pavlov, K. Simov.** The Bulgarian Dictionary in Multilingual Data Bases. International Journal Cybernetics and Information Technologies. Vol. 2, N. 2, **2002**, 12-15

цитирана в:

643. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

256. **Pericliev, V.** Economy in formulating typological generalizations. Linguistic Typology 6(1), 2002, 49-68.

цитирана в:

644. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

257. **Pericliev, V., R.E. Valdes-Perez.** Discriminating 451 languages in terms of their segment inventories. Studia Linguistica 56(1), **2002**, 1-27.

цитирана в:

645. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

258. Lubomir Gavrilov, Pliya D. Iliev, Bifurcations of limit cycles from infinity in quadratic systems, Canad. J. Math. 54 (**2002**), no. 5, 1038--1064.

цитирана в:

646. Linping Peng, Zhaosheng Feng, Changjian Liu, Quadratic perturbations of a quadratic reversible Lotka-Volterra system with two centers, Discr. Contin. Dynam. Syst. 34 (2014), no. 11, 4807--4826.

2003

259. Dilworth S.J., N.J. Kalton, **D. Kutzarova**, On the existence of almost greedy bases in Banach spaces, *Studia Math.* 159 (2003), no. 1, 67-101.

цитирана в:

647. V.N. Temlyakov, Sparse approximation and recovery by greedy algorithms in Banach spaces, *Forum of Mathematics, Sigma*, Vol. 2/2014, e12 (26 pages). ISSN: 2050-5094

260. T. Pennanen, **J.P. Revalski** and M. Thera, Variational composition of a monotone mapping with a linear mapping with applications to PDE with singular coefficients, *Journal Funct. Anal.*, 198(2003), 84--105. ISSN: 0022-1236

цитирана в:

648. S. Trostorff and M. Waurick, A note on elliptic type boundary value problems with maximal monotone relations, *Mathematische Nachrichten*, Volume 287, Issue 13, 2014, 1545–1558; Online ISSN: 1522-2616

261. **Davidov J.**, Almost Contact Metric Structures and Twistor Spaces // *Houston J. Math.* 29, no.3 (2003), 639-674.

цитирана в:

649. D.Perrone, Remarks on Levi harmonicity of contact semi-Riemannian manifolds // *J.Korean Math.Soc.* 51 (2014), 881-885.

262. Di Vincenzo, O.M., **V. Drensky**, V. Nardozza: Subvarieties of the varieties generated by the superalgebra $M_{1,1}(E)$ or $M_2(K)$, *Commun. in Algebra* 31 (2003), No. 1, 437-461. ISSN 0092-7872; 1532-4125.

цитирана в:

650. Centrone, L.: Z_2 -graded Gelfand-Kirillov dimension of the Grassmann algebra, arXiv: 1402.1403 [math.RA].
651. Centrone, L., A. Cirrito: Y -Proper graded cocharacters of upper-triangular matrices of order m graded by the m -tuple $\varphi=(0,0,1,\dots,m-2)$, arXiv:1407.1701v1 [math.RA].

263. **Илев, А.** On a generalization of Chebyshev method for simultaneous extraction of all roots of polynomials over arbitrary Chebyshev system. *Math. Balkanica*, 17, 1-2, 2003, 63 - 69

цитирана в:

652. Чолаков, С., Дисертационен труд „Сходимость на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014
653. Чолаков, С., Автореферат на дисертационен труд „Сходимость на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014

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

цитирана в:

654. Kumar S. Vinod; Maheswari, P.. A Novel Content Based Image Retrieval using YUV Color Space and Texture Features. Digital Image Processing, [S.l.], v. 3, n. 14, p. 919-922, Sep. 2011. ISSN 0974 – 9586. Available at: . Date accessed: 09 Dec. 2014, @**2014**
655. Sun, L., Tang, Y., Zhang, H.. An Effective Image Retrieval Method Based on Multi-features. Journal of Software, North America, 9, apr. 2014. , @**2014**
656. Mohsen Sardari Zarchi, Amirhasan Monadjemi, Kamal Jamshidi, A semantic model for general purpose content-based image retrieval systems, Computers & Electrical Engineering, Volume 40, Issue 7, October 2014, Pages 2062-2071, ISSN 0045-7906, <http://dx.doi.org/10.1016/j.compeleceng.2014.07.008.>, @**2014**
657. Salameh, Khoulood, Tekli, Joe, Chbeir, Richard. SVG-to-RDF Image Semantization. Book Section. Similarity Search and Applications. Lecture Notes in Computer Science. Vol. 8821, pp. 214-228. 2014. ISSN 978-3-319-11987-8. http://dx.doi.org/10.1007/978-3-319-11988-5_20, @**2014**

265. Benanti, F., J. Demmel, **V. Drensky**, P. Koev: Computational approach to polynomial identities of matrices - a survey, in “Ring Theory: Polynomial Identities and Combinatorial Methods, Proc. of the Conf. in Pantelleria””; Eds. A. Giambruno, A. Regev, M. Zaicev, Lect. Notes in Pure and Appl. Math. 235, Dekker, **2003**, 141-178. ISBN 978-0824740511, 0824740513.

цитирана в:

658. Bremner, M.R., S. Madariaga, L.A. Peresi: Structure theory for the group algebra of the symmetric group, with applications to polynomial identities for the octonions, arXiv: 1407.3810v1 [math.RA].

266. **Tomanov, George**, Barak Weiss: Closed orbits for actions of maximal tori on homogeneous spaces. Duke Math. J. 119 (**2003**), no. 2, 367–392. (Reviewer: Mikhail S. Kulikov) 22E40

цитирана в:

659. Pettet, A., Juan Souto: Periodic maximal flats are not peripheral. J. Topol. 7 (2014), no. 2, 363–384.
660. Avramidi, G.,; Dave Witte Morris: Horospherical limit points of finite-volume locally symmetric spaces. New York J. Math. 20 (2014), 353–366.

267. **Bogdanova, G. T.**, S. N. Kapralov: Enumeration of optimal ternary constant-composition codes. Problems of Information Transmission 39.4, **2003**, 346-351. ISSN: 1608-3253

цитирана в:

661. Wei, H., Zhang, H., Zhu, M., & Ge, G.: Optimal ternary constant-composition codes with weight four and distance six. Discrete Mathematics, Elsevier, 338(3), 72-87. (to appear). ISSN: 0012-365X
662. Zhu, M., & Ge, G.: Room squares with super-simple property. Designs, Codes and Cryptography, Springer, 71(3), 2014, 365-381. ISSN: 1573-7586
663. Hengjia, W., Hui, Z., Mingzhi, Z., & Gennian, G.: Optimal Ternary Constant-Composition Codes with Weight Four and Distance Six. arXiv preprint arXiv:1409.6092. 2014.

268. **Gateva-Ivanova, T.**, E. Jespers, and J. Okninski, Quadratic algebras of skew type and the underlying semigroups, *J. Algebra*, 270 (2003), 635-659. ISSN: 0021-8693

цитирана в:

664. Cain, A. J., Robert Gray, António Malheiro: On finite complete rewriting systems, finite derivation type, and automaticity for homogeneous monoids, arXiv:1407.7428 [math.GR] (2014) 1-30

269. **Popova, E.D.**, Datcheva, M., Iankov, R., Schanz, T., Mechanical Models with Interval Parameters. In K. Guerlebeck, L. Hempel, C. Koenke (Eds.): Proceedings of 16th Internat. Conference on the Applications of Computer Science and Mathematics in Architecture and Civil Engineering, 2003.

цитирана в:

665. L. Kolev, Parameterized solution of linear interval parametric systems, *Applied Mathematics and Computation* 246 (2014) 229-246.
666. L. Kolev, Componentwise Determination of the Interval Hull Solution for Linear Interval Parameter Systems, *Reliable Computing* 20 (2014) 1-24.
667. Lyudvin D. Y., Development of interval methods for synthesis, analysis and diagnostic of some mechanical structures, PhD thesis, Inst. Computational Technologies, Russ. Acad. Sci., Novosibirsk, 2014. (in Russian)

270. **Anguelov, R;** Lubuma, JMS; Mahudu, SK , Qualitatively stable finite difference schemes for advection-reaction equations, Conference:Conference on Computational and Mathematical Methods for Science and Engineering (CMMSE 2002)Location:UNIV ALICANTE, ALICANTE, SPAINDate:SEP 20-25, 2002, *JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS*, Volume:158 Issue:1 (2003), pp.19-30.

цитирана в:

668. Guerrero, Francisco; Gonzalez-Parra, Gilberto; Arenas, Abraham J., A nonstandard finite difference numerical scheme applied to a mathematical model of the prevalence of smoking in Spain: a case study *COMPUTATIONAL & APPLIED MATHEMATICS*, Volume: 33 Issue: 1 (2014) pp. 13-25.

271. **Anguelov, R;** Lubuma, JMS Nonstandard finite difference method by nonlocal approximation, Conference:2nd IMACS Conference on Mathematical Modelling and Computational Methods in Mechanics, Physics, Biomechanics and GeodynamicsLocation:PLZEN, CZECH REPUBLICDate:JUN 19-25, 2001 Sponsor(s):Univ W Bohemia, Dept Math, Fac Appl Sci; Acad Sci Czech Republic, Inst Comp Sci; Acad Sci Czech Republic, Math Inst., *MATHEMATICS AND COMPUTERS IN SIMULATION* Article Number:PII S0378-4754(02)00106-4, Volume:61 Issue:3-6 (2003), pp.465-475.

цитирана в:

669. Momoniat, E., A Modified Equation Approach to Selecting a Nonstandard Finite Difference Scheme Applied to the Regularized Long Wave Equation, *ABSTRACT AND APPLIED ANALYSIS* Article Number: 754543 (2014).
670. Rihan, Fathalla A.; Baleanu, Dumitru; Lakshmanan, S.; et al., Research Article On Fractional SIRC Model with Salmonella Bacterial Infection, *ABSTRACT AND APPLIED ANALYSIS* Article Number: 136263 , (2014).

272. **Гроздев, С.:** Моделиране и управление на възможностите на изявени ученици за решаване на задачи, Педагогика, 1, **2003**, 58 – 74.

цитирана в:

671. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.
672. Петрова, Е.: Формиране на математически умения у ученици 1. – 4. клас с увредено зрение, Дисертация за присъждане на образователната и научна степен „доктор“, Пловдив, 2014 г.

273. **A. Slavova**, Cellular neural networks: dynamics and modelling, Kluwer Academic Publishers, **2003**

цитирана в:

673. J Hills, Y Zhong, Cellular neural network–based thermal modelling for real–time robotic path planning, International Journal of Agile Systems and Management, 2014, pp. 261-281, ISSN 1741-9174
674. C Qiao, WF Jing, KF Sun, HB Chen, Towards establishing a meaningful and practical dynamics results for the unified rnn model, Neurocomputing, 2014, Elsevier, doi:10.1016/j.neucom.2014.12.007

274. **Slavova, A., Zecca, P.,**CNN model for studying dynamics and travelling wave solutions of FitzHugh-Nagumo equation, *Journal of Computational and Applied Mathematics*, 151 (1), pp. 13-24, **2003**.doi: 10.1016/S0377-0427(02)00734-3

цитирана в:

675. G Hariharan, K Kannan, Review of wavelet methods for the solution of reaction–diffusion problems in science and engineering, Applied Mathematical Modelling, Volume 38, Issue 3, 1 February 2014, Pages 799–813

275. Lubomir Gavrilov, Iliya D. Iliev, Two-dimensional Fuchsian systems and the Chebyshev property, J. Differential Equations 191 (**2003**), no. 1, 105--120.

цитирана в:

676. Juanjuan Wu, Yongkang Zhang, Cuiping Li, On the number of zeros of Abelian integrals for a kind of quartic Hamiltonians, Appl. Math. Comput. 228 (2014), 1 Feb., 329--335.

276. 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), 9-21, **2003**.

цитирана в:

677. Г. П. Василев, Отчитане на взаимодействието почва – фундамент – конструкция върху динамичното и сеизмичното поведение на сгради и съоръжения, Дисертация за НОС “Доктор”, УАСГ, 2014.

277. **Braynov, S., Jadliwala, M.** Representation and Analysis of Coordinated Attacks. Formal Methods in Security Engineering: From Specifications to Code, Washington D.C., 2003.

цитирана в:

678. Baiardi, Fabrizio, et al. "A Scenario Method to Automatically Assess ICT Risk." *Parallel, Distributed and Network-Based Processing (PDP)*, 2014 22nd Euromicro International Conference on. IEEE, 2014.
679. Sedaghatbaf, Ali, and Mohammad Abdollahi Azgomi. "Attack modelling and security evaluation based on stochastic activity networks." *Security and Communication Networks* 7.4 (2014): 714-737.

278. Rao, H., Lee, J., **Braynov, S.** Effects of Public Emergency on Citizens' Usage Intention toward e-Government: A Study in The Context of War in Iraq. International Conference on Information Systems (ICIS), Seattle, 2003.

цитирана в:

680. Freire, Marlon, Nuno Fortes, and Jorge Barbosa. "Decisive factors for the adoption of technology in E-government platforms." *Information Systems and Technologies (CISTI)*, 2014 9th Iberian Conference on. IEEE, 2014.

279. **Braynov, S.** On Future Avenues for Distributed Attacks. 2nd European Conference on Information Warfare and Security (ECIW 2003), Reading, UK, 2003.

цитирана в:

681. Rodríguez, Ricardo J., José Merseguer, and Simona Bernardi. "Modelling Security of Critical Infrastructures: A Survivability Assessment." *The Computer Journal* (2014).

2004

280. **Drensky, V., L. Gerritzen:** Nonassociative exponential and logarithm, *J. Algebra* 272 (2004), No. 1, 311-320. ISSN 0021-8693.

цитирана в:

682. Mostovoy, J., J. M. Pérez-Izquierdo, I. P. Shestakov: Nilpotent Sabinin algebras, *J. Algebra* 419 (2014), 95-123. ISSN 0021-8693.

281. Di Vincenzo, O. M., **V. Drensky, V. Nardozza:** Algebras satisfying the polynomial identity $[x_1, x_2][x_3, x_4, x_5]=0$, *J. Algebra and its Applications* 3 (2004), No. 2, 121-142. ISSN 0219-4988.

цитирана в:

683. D. J. Gonçalves, T. C. de Mello, Minimal Varieties and Identities of Relatively Free Algebras, arXiv: 1405.7546v2 [math.RA].

282. **Drensky, V., E. Formanek:** Polynomial Identity Rings, *Advanced Courses in Mathematics*, CRM Barcelona, Birkhäuser, Basel-Boston, 2004. ISBN 3-7643-7126-9.

цитирана в:

684. Szigeti, J., L. van Wyk: The symmetric determinant for $n \times n$ matrices and the symmetric Newton formula in the 3×3 case, *Linear and Multilinear Algebra* 62 (2014), No. 8, 1076-1090. ISSN 0308-1087, 1563-5139.
685. M. Kharitonov, Estimates in Shirshov height theorem (Russian), arXiv:1411.7435v1 [math.RA].

686. Di Vincenzo, O. M., V. R. T. da Silva: On Z_2 -graded identities of the generalized Grassmann envelope of the upper triangular matrices $UT_{k,l}(F)$, J. Pure Appl. Algebra 218 (2014), 285-296. ISSN 0022-4049.
687. Gonçalves Fonseca, L.F.: Graded polynomial identities and central polynomials of matrices over an infinite integral domain, Rendiconti del Circolo Matematico di Palermo 63 (2014), No. 3, 371-387. ISSN 0009-725X, 1973-4409.
688. Da Silva e Silva, D. D. P.: Primeness property for central polynomials of verbally prime P.I. algebras, arXiv: 1407.1311v2 [math.RA].
689. Madill, B. W.: On the Jacobson radical of skew polynomial extensions of rings satisfying a polynomial identity, arXiv: 1408.5112v1 [math.RA].
690. Deryabina, G., A. Krasilnikov: The subalgebra of graded central polynomials of an associative algebra, arXiv: 1409.7937v1 [math.RA].
691. Sviridova, I.: Identities of finitely generated graded algebras with involution, arXiv: 1410.2222v1 [math.RA].
692. Sviridova, I.: Finite basis problem for identities with involution, arXiv: 1410.2233v1 [math.RA].
693. Florentino, C., S. Lawton, D. Ramras: Homotopy Groups of Free Group Character Varieties, arXiv:1412.0272v1 [math.AT] .

283. Song, Y., Rao, H., **Braynov, S.** Bringing E-Government into the classroom: A Case of E-Commerce Education. Journal of Information Systems Education, 2004.

цитирана в:

694. Wirtz, Bernd W., et al. "Measuring eGovernment Portal Management on the Local Level: Results from a Survey of Public Administration Officials." *International Public Management Review* 15.2 (2014): 1-31.

284. Ignatov, Z.G., **Kaishev, V.K., Krachunov, R.S. (2004)**, 'Optimal Retention Levels, Given the Joint Survival of Cedent and Reinsurer.', Scandinavian Actuarial Journal(6), p.401-430. ISSN: 0346-1238.

цитирана в:

695. Fang, Ying, and Zhongfeng Qu. Optimal combination of quota-share and stop-loss reinsurance treaties under the joint survival probability. IMA Journal of Management Mathematics 25.1 (2014): 89-103. ISSN: 1471-678X. IF: 0.471 (5-yr IF:0.688).
696. Zhang, Raymond. Decision Theory Based Models in Insurance and Beyond. Diss. The University of Western Ontario, 2014.
<http://ir.lib.uwo.ca/cgi/viewcontent.cgi?article=3406&context=etd>

285. A. Ioffe, R. Lucchetti and **J.P. Revalski**, Almost every convex or quadratic programming problem is well-posed, Math. Oper. Res., 29, No. 2,(2004), 369-382. ISSN: 0364-765X (Print), 1526-5471 (Online)

цитирана в:

697. C. S. Lalitha, P. Chatterjee, Levitin–Polyak well-posedness for constrained quasiconvex vector optimization problems, Journal of Global Optimization, 59, No.1 (2014), 191--205. ISSN: 0925-5001 (Print) 1573-2916 (Online)

286. IM Del Puerto, **NM Yanev**. Branching processes with multitype random control functions: Subcritical case. *Comptes Rendus de l'Academie Bulgare des Sciences*, vol.57, p.6:29, **2004**.

цитирана в:

698. D Schuhmacher, A Sturm, H Zähle – arXiv preprint arXiv: 1409. 4274, 2014 - arxiv.org. On qualitative robustness of the Lotka – Nagaev estimator for the offspring mean of a supercritical Galton--Watson process.

287. Dineva P., Manolis G., Rangelov T. Transient seismic wave propagation in a multilayered cracked geological region, *Journal of Sound and Vibration* **273**(1-2), 1-32, **2004**

цитирана в:

699. Г. П. Василев, Отчитане на взаимодействието почва – фундамент – конструкция върху динамичното и сеизмичното поведение на сгради и съоръжения, Дисертация за НОС “Доктор”, УАСГ, 2014.

288. **Stoimenova, E.**, M. Datcheva and T. Schanz (2004). Application of two-phase regression to geotechnical data. *Pliska Stud. Math. Bulgar.*, vol. 16, 245-257.

цитирана в:

700. Chao Xu, J. Geoffrey Chase, Geoffrey W. Rodgers, Physical parameter identification of nonlinear base-isolated buildings using seismic response data, *Computers & Structures*, Volume 145, December 2014, Pages 47-57, ISSN 0045-7949.

701. Xu, C., Chase, J. G., Rodgers, G. W., & Zhou, C. (2014) Multi-Phase Linear Regression: A Novel Method for the Identification of Base-Isolated Buildings Using Seismic Response Data, *Proceedings of the 9th International Conference on Structural Dynamics, EURODYN 2014*.

289. **Tuparov G.**, D. Dureva-Tuparova, **J. Peneva**. Didactical and technological issues during the development process of e-Learning courses. *Proc. Intern. Conf. on Computer Systems and Technologies – CompSysTech'2004*, Rousse, Bulgaria, 17-18 June, 2004, **2004**, 14.1 - 14.6

цитирана в:

702. 8. Leow, F.-T.a , Neo, M.b , Interactive multimedia learning: Innovating classroom education in a Malaysian university, (2014) *Turkish Online Journal of Educational Technology*, 13 (2), pp. 99-110. SJR (2013): 0.493, SNIP (2013) : 0.630. URL [@2014](http://www.scopus.com/inward/record.url?eid=2-s2.0-84897384557&partnerID=40&md5=604099241c869895badf2c996ce235b9)

290. **Markov, S.** ,On quasilinear spaces of convex bodies and intervals *Journal of Computational and Applied Mathematics*,162(1), (**2004**) pp. 93-112, doi: 10.1016/j.cam.2003.08.016.

цитирана в:

703. Holčapek, M. ,Štěpnička, M., MI-algebras: A new framework for arithmetics of (extensional) fuzzy numbers This paper is a tribute dedicated to the memory of Milan Mareš (Article), *Fuzzy Sets and Systems*, Volume 257, 16 December 2014, Pages 102-131.

704. Qiu, D., Lu, C., Zhang, W., Lan, Y., Algebraic properties and topological properties of the quotient space of fuzzy numbers based on Mareš equivalence relation, *Fuzzy Sets and Systems*, 245, (2014) pp. 63 – 82.

291. **Bouyukliev, I.**, M. Grassl, Z. Varbanov: New bounds for $n(k,d)$ and classification of some optimal codes over GF (4) *Discrete mathematics* 281 (1), **2004**, 43-66.

цитирана в:

705. Maruta, Tatsuya, Taichiro Tanaka, and Hitoshi Kanda. Some generalizations of extension theorems for linear codes over finite fields. *Australasian Journal of combinatorics* 60.2 (2014): 150-157.

706. Lu, Liangdong, et al. Maximal entanglement entanglement-assisted quantum codes constructed from linear codes. *Quantum Information Processing* (2014), 1-18.

292. Morita H., Han Vinck A.J., **Kostadinov H.**, Wijngaarden A., On Soft Decoding of Coded QAM Using Integer Codes, International Symposium on Information Theory and Its Applications (ISITA), pp. 1321-1325, Parma, Italy, June **2004**

цитирана в:

707. Flaut C., Codes over a subset of Octonion Integers, arXiv: 1401.7828v1, Jan. 2014

293. **Popova, E.D.**, Parametric Interval Linear Solver, *Numerical Algorithms* 37(1-4):345-356, **2004**.

цитирана в:

708. El-Owny, Hassan Badry Mohamed A., New Generalized Interval Arithmetic and its applications to structural mechanics and electrical circuits. *IJCSI International Journal of Computer Science Issues*, v.11, Issue 1, No 2, 2014, 85-92.

294. **Popova, E.D.**, Generalizing the Parametric Fixed-Point Iteration, *PAMM*, Volume 4, Issue 1, **2004**, 680-681. ISSN: 1617-7061

цитирана в:

709. L. Kolev, Parameterized solution of linear interval parametric systems, *Applied Mathematics and Computation* 246 (2014) 229-246.

710. L. Kolev, Componentwise Determination of the Interval Hull Solution for Linear Interval Parameter Systems, *Reliable Computing* 20 (2014) 1-24.

711. Lyudvin D. Y., Development of interval methods for synthesis, analysis and diagnostic of some mechanical structures, PhD thesis, Inst. Computational Technologies, Russ. Acad. Sci., Novosibirsk, 2014. (in Russian)

295. **Илев, О.**, Laptev, V., On numerical simulation of flow through oil filters, *Computing and Visualization in Science*, 6 (2-3), (**2004**), pp. 139-146.

цитирана в:

712. Wang, W., Xu, C., Spectral methods based on new formulations for coupled Stokes and Darcy equations, *Journal of Computational Physics*, 257 (PA), (2014), pp. 126-142.

713. Marciniak-Czochra, A., Mikelić, A., A nonlinear effective slip interface law for transport phenomena between a fracture flow and a porous medium, *Discrete and Continuous Dynamical Systems - Series S*, 7 (5), (2014) pp. 1065-1077.

296. **Bazhlekov, I.B.**, P.D. Anderson, H.E.H Meijer, Nonsingular boundary integral method for deformable drops in viscous flows. *Physics of Fluids*, 16.4 (2004): 1064-1081.

цитирана в:

714. Kim, Y., Lai, M.-C., Peskin, C.S., Seol, Y., Numerical simulations of three-dimensional foam by the immersed boundary method, *Journal of Computational Physics*, 269, (2014) pp. 1-21.
715. Komrakova, A.E., Shardt, O., Eskin, D., Derksen, J.J., Lattice Boltzmann simulations of drop deformation and breakup in shear flow, *International Journal of Multiphase Flow*, 59, (2014) pp. 24-43.
716. Nagel, M., F. Gallaire, Boundary elements method for microfluidic two-phase flows in shallow channels. arXiv preprint arXiv:1411.2728 (2014).

297. **Krassimir Markov**, “Multi-domain information model”, *Int. J. Information Theories and Applications*, 11/4, 2004, pp. 303 – 308

цитирана в:

717. Krassimira Ivanova, “Example of Multi-Layer Knowledge Representation by means of Natural Language Addressing”, In: V. Velychko, O. Voloshyn, K. Markov, (eds.), proceedings of the XX-th International Conference “Knowledge-Dialogue-Solution”, ITHEA®, Kyiv, Ukraine, Sofia, Bulgaria, 2014, ISSN 1313-0087 (printed), ISSN 1313-1206 (online), pp. 115 - 117.
718. Krassimira Ivanova, “ONTOArM - a System for Storing Ontologies by Natural Language Addressing”, *International Journal "Information Technologies & Knowledge"*, Vol. 8, Number 4, 2014, ISSN 1313-0455 (printed), 1313-048X (online), pp. 303 - 312.
719. Krassimira Ivanova, “WORDArM - A System for Storing Dictionaries and Thesauruses by Natural Language Addressing”, *International Journal "Information Theories and Applications"*, Vol. 21, Number 4, 2014, ISSN 1310-0513 (printed), 1313-0463 (online), pp. 362 - 370.
720. Krassimira Ivanova, “RDFArM - A System for Storing Large Sets of RDF Triples and Quadruples by means of Natural Language Addressing”, *International Journal "Information Models and Analyses"*, Vol. 3, Number 4, 2014, ISSN 1314-6416 (printed), 1314-6432 (online), pp. 303 - 322.
721. Krassimira Ivanova, “Multi-Layer Knowledge Representation”, *International Journal "Information Content and Processing"*, Vol. 1, Number 4, 2014, ISSN 2367-5128 (printed), 2367-5152 (online), pp. 303 - 310.
722. Krassimira Ivanova, “Practical Aspects of Natural Language Addressing”, in: G. Setlak, K. Markov(ed.), *Computational Models for Business and Engineering Domains*, ITHEA®, 2014, Rzeszow, Poland, Sofia, Bulgaria, ISBN: 978-954-16-0066-5 (printed), ISBN: 978-954-16-0067-2 (online), pp. 172 – 186.
723. Krassimira Ivanova, “Storing Data using Natural Language Addressing”, PhD Thesis, Hasselt University, Belgium, 2014, 340 p.

298. **Kanev, V.:** Hurwitz spaces of triple coverings of elliptic curves and moduli spaces of abelian threefolds. *Ann. Mat. Pura Appl.* (4) 183 (2004), no. 3, 333–374. ISSN: 0373-3114

цитирана в:

724. Marcucci, V. O., Juan Carlos Naranjo: Prym varieties of double coverings of elliptic curves. *Int. Math. Res. Not. IMRN* 2014, no. 6, 1689—1698.

299. **Guelev, D. P.,** Mark Ryan and Pierre-Yves Schobbens: Model-Checking Access Control Policies, *Proceedings of Information Security, 7th International Conference, (ISC 2004)*, Palo Alto, CA, USA, September 27-29, 2004, cc. 219-230, http://dx.doi.org/10.1007/978-3-540-30144-8_19, Springer LNCS 3225, isbn 3-540-23208-7.

цитирана в:

725. Armando, A., Serena Elisa Ponta: Model checking authorization requirements in business processes, *Computers & Security*, v. 40, pp. 1--22, 2014, doi 10.1016/j.cose.2013.10.002, ISSN: 0167-4048.
726. Casalino, Matteo Maria: Techniques for security configuration management in distributed information systems. Université Claude Bernard - Lyon I, 2014. URL: <https://tel.archives-ouvertes.fr/tel-01058803/document/>
727. Casalino, Matteo Maria: Approches pour la gestion de configurations de sécurité dans les systèmes d'information distribués. L'Université Claude Bernard Lyon 1. Thèse pour obtenir le grade de Docteur, Spécialité: Informatique, École doctorale : Informatique et Mathématiques (InfoMaths): URL: <http://www.theses.fr/2014LYO10124>

300. ZHANG, Nan, Mark Ryan, **Dimitar P. Guelev:** Synthesising Verified Access Control Systems in XACML. *Proceedings of the 2nd ACM Workshop on Formal Methods in Security Engineering (FMSE 2004)*, Washington, DC, USA, October 29, 2004, ACM, pp. 56-65. ISBN 1-58113-971-3.

цитирана в:

728. XU, Dianxiang, Yunpeng Zhang: Specification and Analysis of Attribute-Based Access Control Policies: An Overview. 2014 IEEE Eighth International Conference on Software Security and Reliability-Companion (SERE-C), DOI: 10.1109/SERE-C.2014.21, ISBN 9781479958443, pp 41 - 49, 2014 , IEEE Conference Publications.
729. Caruccio, L., Vincenzo Deufemia, Christopher D'Souza, Athula Ginige, Giuseppe Polese: Supporting Access Control within a Mockup-based EUDWeb Environment. *The 7th International Symposium on Visual Information Communication and Interaction (VINCI'14)*, 2014, p. 88, 2014, doi 10.1145/2636240.2636855, ACM, isbn 978-1-4503-2765-7.
730. NIU, Jianwei, Mark Reith, William H. Winsborough: Formal verification of security properties in trust management policy, *Journal of Computer Security*, v. 22, issue 1, pp. 69--153, 2014 doi 10.3233/JCS-130490, ISSN print 0926-227X, ISSN online 1875-8924.
731. Raschke, Ph., Sebastian Zickau: A Template-Based Policy Generation Interface for RESTful Web Services. *On the Move to Meaningful Internet Systems: OTM 2014 Workshops - Confederated International Workshops: OTM Academy, OTM Industry Case Studies Program, C&TC, EI2N, INBAST, ISDE, META4eS, MSC and OnToContent 2014*, Amantea, Italy,

October 27-31, 2014. Proceedings, pp. 137--153, 2014, isbn 978-3-662-45549-4, doi 10.1007/978-3-662-45550-0_17, LNCS 8842, Springer.

301. **Gateva-Ivanova, T.:** A combinatorial approach to the set-theoretic solutions of the Yang-Baxter equation, *J. Math. Physics*, 45, (2004), 3828 -3858. ISSN: 0022-2488 E-ISSN: 1089-7658.

цитирана в:

732. Rump, W.: The brace of a classical group, *Note Mat.* 34 (2014) no. 1, 115-144. doi:10.1285/i15900932v34n1p115, ISSN 1123-2536, e-ISSN 1590-0932.
733. Cedó, F., E. Jespers, J. Okninski: Braces and the Yang-Baxter equation, *Commun. Math. Phys.*, 327, 101-116, 2014, ISSN: 0010-3616 (Print) 1432-0916 (Online)
734. Bachiller, D., Ferran Cedó: A family of solutions of the Yang–Baxter equation, *J. Algebra*, 412, (2014) 218–229, ISSN: 0021-8693.
735. Jespers, E., Jan Okniński: Krull orders in nilpotent groups, *Archiv der Mathematik* Volume 103, (1) , (2014) 27-37, Print ISSN 0003-889 Online ISSN 1420-8938
736. Chouraqui, F.: Construction of a group of automorphisms for an infinite family of Garside groups, arXiv:1411.1189 [math.GR] (2014), 1-25,
737. David, N.B., Yuval Ginosar: On groups of I-type and involutive Yang-Baxter groups, arXiv:1403.5740 [math.GR] (2014), 1-8.

302. **Gateva-Ivanova, T.:** Binomial skew-polynomial rings, Artin-Schelter regular rings, and binomial solutions of the Yang-Baxter equation, *Serdica Math. J.*, 30 (2004), 431-470. ISSN 1310-6600

цитирана в:

738. Chouraqui, F., E. Godelle: Finite quotients of groups of I-type, *Adv. in Math.* 258, 20 June (2014), 46—68 , Elsevier, ISSN: 0001-8708

303. **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), 2004, 376-383

цитирана в:

739. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

304. **Pericliev, V.** Universals, their violation and the notion of phonologically peculiar languages. *Journal of Universal Language* 5, March 2004, 1-28.

цитирана в:

740. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

305. H. Aksa, R. Alassar, **V. Covachev**, Z. Covacheva, E. Al-Zahrani, Continuous-time additive Hopfield-type neural networks with impulses, *Journal of Mathematical Analysis and Applications*, 290 (2004), 436–451.

цитирана в:

741. Yongkun Li and Yuanhong Zhi, Global exponential stability for DCNNs with impulses on time scales, *Mathematical Problems in Engineering*, 2014 (2014), Article ID 934592, 10 pp.
742. Yangjun Pei, Chao Liu, Qi Han, Stability of delay Hopfield neural networks with variable-time impulses, *Mathematical Problems in Engineering*, 2014 (2014), Article ID 154036, 6 pp.
743. Marat Akhmet, Enes Yılmaz, Equilibria of neural networks with impact activations and piece-wise constant argument, in: *Neural Networks with Discontinuous/Impact Activations, Nonlinear Systems and Complexity — 9*, Springer Science+Business Media, New York, 2014, pp. 93–114.
744. Linli Zhang, Ruili Fan, Anping Liu, Weifang Yang, Existence of anti-periodic solution for delayed cellular neural networks with impulsive effects, *Applied Mechanics and Materials*, 477–478 (2014), 1499–1503.
745. Li Tu, Chuan Xie, Chi Zhang, A method of gene diagnosis based on Hopfield neural network, *Journal of Chemical and Pharmaceutical Research*, 6 (2014), No. 2, 580–588.
747. Yongjun Liu, Peng Qin, Analysis of stability of Hopfield neural networks and design of impulsive controller, *Advanced Materials Research*, 898 (2014), 720–724.
748. Enes Yılmaz, Almost periodic solutions of impulsive neural networks at non-prescribed moments of time, *Neurocomputing*, 141 (2014), 148–152.

306. Manolis, G.D., Dineva, P.S., **Rangelov, T.V.**, Wave scattering by cracks in inhomogeneous continua using BIEM, *Int. J. Solids Str.*, 41:14, 3905–3927, 2004.

цитирана в:

749. Touhei, T., Hinago, T., Fukushima, Y., Inverse scattering analysis of an elastic half-space by means of the fast volume integral equation method, *Engineering Analysis with Boundary Elements*, 44, 130–142, 2014.

307. Lubomir Gavrilov, Iliya D. Iliev, Complete hyperelliptic integrals of the first kind and their non-oscillation, *Trans. Amer. Math. Soc.* 356 (2004), no. 3, 1185–1207.

цитирана в:

750. Yanqin Xiong, Bifurcation of limit cycles by perturbing a class of hyperelliptic Hamiltonian systems of degree five, *J. Math. Anal. Appl.* 411 (2014), 559–573.
751. Na Wang, Dongmei Xiao, Jiang Yu, The monotonicity of the ratio of hyperelliptic integrals, *Bull. Sci. Math.* 138 (2014), no. 7, 805–845. ISSN 0252-9599 (print), 1860-6261 (electronic)

308. Kim, D.J., Y.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 (2005) 143–165

цитирана в:

752. Hajli, Nick, et al. "Social word of mouth: How trust develops in the market." *Hajli, N., Lin, X., Featherman, MS, Wang, Y* (2014): 673-689.
753. Escobar-Rodríguez, T., and E. Carvajal-Trujillo. "Online purchasing tickets for low cost carriers: An application of the unified theory of acceptance and use of technology (UTAUT) model." *Tourism Management* 43 (2014): 70-88.
754. Tseng, Chi-Hsing, Hsin-Chih Kuo, and Jian-Ming Chen. "Do Types of Virtual Community Matter for the Effects of online Advertisement and Electronic Words of Mouth?." *Marketing Review/Xing Xiao Ping Lun* 11.1 (2014).
755. Dalvand, Mohammad Reza, et al. "Feasibility study of implementing electronic commerce in petrochemical industries with a case study." *International Journal of Business Information Systems* 17.2 (2014): 248-259.
756. Ye, Dajun. "Study on the evaluation of strategic alliance partners among iron and steel enterprises in the perspective of energy-saving services." *Journal of Chemical & Pharmaceutical Research* 6.5 (2014).
757. Sabet, Mohammad, Kewmars Fallahi, and S. Donighi. "Investigating the effective factors on customer loyalty on tourism Agencies using an e-marketing technique: A case study of Iranian tourism agencies." *Management Science Letters* 4.2 (2014): 377-388.
758. Yao, Yulin, and Victor Chang. "Towards trust and trust building in a selected Cloud gaming virtual community." *International Journal of Organizational and Collective Intelligence (IJOICI)* 4.2 (2014).
759. Jairak, Rath, Prasong Praneetpolgrang, and Nivet Chirawichitchai. "A Roadmap for Establishing Trust Management Strategy in E-Commerce Services Using Quality Based Assessment." *International Journal of Information Engineering and Electronic Business (IJIEEB)* 6.5 (2014): 1.
760. Li, Hao, Jinhu Jiang, and Mingjie Wu. "The effects of trust assurances on consumers' initial online trust: A two-stage decision-making process perspective." *International Journal of Information Management* 34.3 (2014): 395-405.
761. Rajaobelina, Lova, et al. "An integrative model of installed online trust in the financial services industry." *Journal of Financial Services Marketing* 19.3 (2014): 186-197.
762. Chiu, Wan Yu, Gwo Hshiong Tzeng, and Han Lin Li. "Developing e-store marketing strategies to satisfy customers' needs using a new hybrid gray relational model." *International Journal of Information Technology & Decision Making* 13.02 (2014): 231-261.
763. Akyuz, Goknur Arzu, and Guner Gursoy. "Role of management control and trust formation in supply network collaboration." *International Journal of Collaborative Enterprise* 4.3 (2014): 137-159.
764. Byrum, Kristie. "A Comparison of the Source, Media Format, and Sentiment in Generating Source Credibility, Information Credibility, Corporate Brand Reputation, Purchase Intention, and Social Media Engagement in a Corporate Social Responsibility Campaign Presented Via Social Media." (2014).

765. Sarabdeen, Jawahitha, Gwendolyn Rodrigues, and Sreejith Balasubramanian. "E-Government users' privacy and security concerns and availability of laws in Dubai." *International Review of Law, Computers & Technology* ahead-of-print (2014): 1-16.
766. Kusumasondjaja, Sony. "EFEKTIVITAS SOCIAL MEDIA ADVERTISING: PERAN BRAND FAMILIARITY DAN KONGRUENSI ENDORSER." *Jurnal Manajemen dan Kewirausahaan* 16.1 (2014): 83-92.

2005

309. Alsmeyer, Gerold, and **Maroussia Slavtchova-Bojkova**. "Limit theorems for subcritical age-dependent branching processes with two types of immigration." *Stochastic models* 21.1 (2005): 133-147.

цитирана в:

767. Iksanov, Alexander, Alexander Marynych, and Matthias Meiners. "Limit theorems for random processes with immigration at the epochs of a renewal process II." arXiv preprint arXiv:1405.0671 (2014).

310. ZHANG, N., Mark Ryan, **Dimitar P. Guelev**, Evaluating Access Control Policies through Model-checking. Proceedings of the 8th Information Security Conference (ISC'05), LNCS 3650, Springer, 2005, pp. 446-460. ISBN 3-540-29001-X.

цитирана в:

768. Armando, A., Serena Elisa Ponta: Model checking authorization requirements in business processes. *Computers & Security*, v. 40, pp. 1--22, 2014, doi 10.1016/j.cose.2013.10.002, ISSN: 0167-4048.
769. Arkoudas, K., Ritu Chadha, Cho-Yu Jason Chiang: Sophisticated Access Control via SMT and Logical Frameworks. *ACM Trans. Inf. Syst. Secur.*, v. 16, issue 4, 17 p., 2014, doi 10.1145/2595222, ISSN:1094-9224 EISSN:1557-7406.
770. NIU, Jianwei, Mark Reith, William H. Winsborough: Formal verification of security properties in trust management policy, *Journal of Computer Security*, v. 22, issue 1, pp. 69--153, 2014 doi 10.3233/JCS-130490, ISSN print 0926-227X, ISSN online 1875-8924.
771. XU, Dianxiang, Yunpeng Zhang: Specification and Analysis of Attribute-Based Access Control Policies: An Overview. 2014 IEEE Eighth International Conference on Software Security and Reliability-Companion (SERE-C), DOI: 10.1109/SERE-C.2014.21, ISBN 9781479958443, pp. 41 - 49, 2014, IEEE Conference Publications

311. **Kiryakova V.**, Obrechhoff integral transform and hyper-Bessel operators via G - function and fractional calculus approach // *Global J. Pure Appl. Math.*, 1 (2005), 321-341.

цитирана в:

772. Bouzeffour F., Special functions associated with complex reflection groups, Ramanujan J., 2014, 34, No 1, 39-55, ISSN 1382-4090, 1572-9303

312. **Kiryakova V.**, M. Saigo, Criteria for generalized fractional integrals to preserve univalence of analytic functions // *C. R. Acad. Bulg. Sci.*, 58 (2005), 1127-1134, ISSN 1310–1331

цитирана в:

773. Ibrahim R. W., Jahangiri J. M., Boundary fractional differential equation in a complex domain // *Boundary Value Problems*, 2014, 2014, Article # 66, ISSN 1687-2762, 1687-2770

313. **Hristov V., Iliev, A., Kyurkchiev, N.** A Note on the Convergence of Nonstationary Finite–Difference Analogues. *Computational Mathematics and Mathematical Physics*, 45, 2005, 194 - 201

цитирана в:

774. Lotfi, T., K. Mahdiani, P. Bakhtiari, F. Soleymani, Constructing two-step iterative methods with and without memory, *Computational Mathematics and Mathematical Physics*, 55 (2), 2015, ISSN: 0965-5425, IF: 0.408, @2014
775. Sharifi, M., S. Vanani, F. Haghani, M. Arab, S. Shateyi, On a new iterative scheme without memory with optimal eighth-order, *Scientific World Journal*, ISSN: 1537-744X, 2014, IF: 1.219, @2014

314. **Гроздев, С.:** Подготовка за Европейско кенгуру. СМБ, София, 2005. (ISBN 954-8880-20-2), 220 страници

цитирана в:

776. Несторова, Р.: Едно обобщение на теоремата на Питагор в извънкласната работа по математика, *Математика и информатика*, т. 57, 1, 2014, 59–63 (ISSN 1310-2230).
777. Arslanagic, S.: Some inequalities in the triangle, *Mathematics and Informatics*, t. 57, 1, 2014, 64 – 67 (ISSN 1310-2230)
778. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.
779. Arslanagic, S.: A refinement of an inequality with radicals, *Mathematics and Informatics*, t. 57, 6, 2014, 597–603 (ISSN 1310-2230)
780. Arslanagic, S.: An inequality for a right triangle and its generalization, *Mathematics and Informatics*, t. 57, 6, 2014, 604–612 (ISSN 1310-2230)

315. **Grozdev, S.:** On the visualness in Mathematics Education, Proc. 4th MEDCONF, Palermo, January 28-30, 2005, 303 – 313.

цитирана в:

781. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014).

316. **Mushkarov O.**, *Geometric Problems on Maxima and Minima*, Birkhauser, 2005, ISBN-13: 978-0817635176, ISBN-10:0817635173

цитирана в:

782. Andrica D., The extremum of a function defined on the Euclidean plane // International J. of Geometry, Vol. 3 (2014), No. 2, 20 - 24.

317. Braeken A., **Borissov Y.**, Nikova S., Preneel B., 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.

цитирана в:

783. Climent J.-J., Garcia F.J., Requena V., A construction of bent functions of $n+2$ variables from a bent function of n variables and its cyclic shifts, Hindawi Publishing Corporation, Algebra, Volume 2014, Article ID 701298, 11 pages, <http://dx.doi.org/10.1155/2014/701298>.

318. Dineva P., Rangelov Ts., Gross D., BIEM for 2D steady-state problems in cracked anisotropic materials, Engineering Analysis with Boundary Elements **29**, 689-698, **2005**.

цитирана в:

784. Г. П. Василев, Отчитане на взаимодействието почва – фундамент – конструкция върху динамичното и сеизмичното поведение на сгради и съоръжения, Дисертация за НОС “Доктор”, УАСГ, 2014.

319. Rangelov, T. V., Manolis, G. D. & Dineva, P., “Elastodynamic fundamental solutions for certain families of 2D inhomogeneous anisotropic domains: basic derivations”, European Journal of Mechanics: A/Solids **24**, 820-836, **2005**.

цитирана в:

785. Г. П. Василев, Отчитане на взаимодействието почва – фундамент – конструкция върху динамичното и сеизмичното поведение на сгради и съоръжения, Дисертация за НОС “Доктор”, УАСГ, 2014.

320. **Borissov Y.** Braeken A., Nikova S., Preneel B., On the covering radii of binary Reed-Muller codes in the set of resilient Boolean functions, IEEE Trans. Information Theory, vol. 51, issue 3, **2005**, pp. 1182-1189.

цитирана в:

786. Climent J.-J., Garcia F.J., Requena V., A construction of bent functions of $n+2$ variables from a bent function of n variables and its cyclic shifts, Hindawi Publishing Corporation, Algebra, Volume 2014, Article ID 701298, 11 pages, <http://dx.doi.org/10.1155/2014/701298>.

321. **Bouyukliev, I.**, P. Östergard Classification of Self-Orthogonal Codes over F_3 and F_4 . *SIAM Journal on Discrete Mathematics* 19 (2), **2005**, 363-370.

цитирана в:

787. Crnković, Dean. "Classes of self-orthogonal or self-dual codes from orbit matrices of Menon designs." *Discrete Mathematics* 327 (2014): 91-95.

322. **Bouyukliev, I.**, V Fack, J Winne, Hadamard matrices of order 36 and double-even self-dual [72, 36, 12] codes. *Proceedings of EuroComb*, **2005**, 93-98

цитирана в:

788. Kaya, Abidin, Bahattin Yildiz, and Irfan Siap. "New extremal binary self-dual codes of length 68 from quadratic residue codes over $F_2 + uF_2 + u^2F_2$." *Finite Fields and Their Applications* 29 (2014): 160-177.
789. Tufekci, Nesibe, and Bahattin Yildiz. On codes over $R_{\{k, m\}}$ and constructions for new binary self-dual codes. arXiv preprint:1406.1281(2014).

323. **Rusev P.**, Classical Orthogonal Polynomials and Their Associated Functions in Complex Domain, Publ. House Bulg. Acad. Sci., Sofia, **2005**, ISBN 954-430-322-045-X.

цитирана в:

790. Paneva-Konovska J.. Fatou theorems for multi-index Bessel series, *AIP Conf. Proceedings*, 2014, 1631, pp. 303-312; doi: 10.1063/1.4902491, ISBN 978-0-7354-1270-5, ISSN 0094-243X, SJR= 0,163(2013)
791. Paneva-Konovska J.. A family of hyper-Bessel functions and convergent series in them, *Fract. Calc. Appl. Anal.* , 2014, Vol. 17, No 4, pp. 1001-1015; DOI:10.2478/s13540-014-0211-3, eISSN 1314-2224, pISSN 1311-0454, IF 2.974(2013)
792. Paneva-Konovska, J., Series in Prabhakar functions and the geometry of their convergence, *Mathematics in Industry* (Ch. 5: "Algorithms in Industrial Mathematics", Ed. A. Slavova), 2014, Cambridge Scholar Publ., Cambridge, ISBN-13: 978-1443864015; ISBN-10: 1443864013, pp. 198-214

324. **Markov, K.** Building data warehouses using numbered multidimensional information spaces. *International Journal of Information Theories and Applications*, 12(2), **2005**, pp. 193–199.

цитирана в:

793. Krassimira Ivanova, "Storing Data using Natural Language Addressing", PhD Thesis, Hasselt University, Belgium, 2014, 340 p.

325. V. Hristov, A. Iliev, **N. Kyurkchiev**, A note on the convergence of non-stationary finite-difference analogues, *Comput. Math. and Math. Phys.*, 45, No 2, **2005**, 194-201.

цитирана в:

794. A. Sharifi, S. Vanani, F. Haghani, M. Arab, S. Shateyi, On a new iterative scheme without memory with optimal eighth-order, *The Scientific World Journal*, Volume2014(2014), Article ID727490, 6 pages.

326. Stoeva, M., Uzunova, K., **Popova, E.D.**, Stoyanova, K.: Patterns and levels of variation within section Phacocystis of genus *Carex* (Cyperaceae) in Bulgaria, *Phytologia Balcanica* 11(1): **2005**, 45-62.

цитирана в:

795. Wieclaw, Helena, and Marcin Wilhelm, Natural Hybridization within the *Carex flava* Complex (Cyperaceae) in Poland: Morphometric Studies. *Annales Botanici Fennici* 51(3):129-147, 2014.
796. Jimenez-Mejias, P., Hilpold, A., Frajman, B., Puca, M., Koop-Man, J., Mesterházy, A., ... & Martiñ-Bravo, S. (2014). *Carex cespitosa*: reappraisal of its distribution in Europe. *Willdenowia-Annals of the Botanic Garden and Botanical Museum Berlin-Dahlem*, 44(3), 327-343.

327. **Popova, E.D.**, Solving Linear Systems whose Input Data are Rational Functions of Interval Parameters, Preprint No.3, Inst. of Mathematics and Informatics, BAS, **2005**.

цитирана в:

797. Lyudvin D. Y., Development of interval methods for synthesis, analysis and diagnostic of some mechanical structures, PhD thesis, Inst. Computational Technologies, Russ. Acad. Sci., Novosibirsk, 2014. (in Russian)

328. **Dimova M.G.**, M.S. Kaschiev, S.I. Vinitzky: Kantorovich method for high accuracy calculations of a hydrogen atom in a strong magnetic field: low-lying excited states. **J. Phys. B: At. Mol. Phys.**, Vol. 38(14), **2005**, 2337-2352

цитирана в:

798. Grady Lynn Schofield. Computing Accurate Solutions to the Kohn-Sham Problem Quickly in Real Space. PhD Thesis, The University of Texas at Austin, 2014,
<http://repositories.lib.utexas.edu/bitstream/handle/2152/25983/SCHOFIELD-DISSERTATION-2014.pdf?sequence=1>

329. Naumovich, A., **Iliev, O.**, Gaspar, F., Lisbona, F., Vabishchevich, P., On numerical solution of id poroelasticity equations in a multilayered domain *Mathematical Modelling and Analysis*, 10 (3), (**2005**), pp. 287-304.

цитирана в:

799. Bean, M., Yi, S.-Y., An immersed interface method for a 1D poroelasticity problem with discontinuous coefficients, *Journal of Computational and Applied Mathematics*, 272, (2014) pp. 81-96.
800. Asadi, R., Ataie-Ashtiani, B., Simmons, C.T., Finite volume coupling strategies for the solution of a Biot consolidation model, *Computers and Geotechnics*, 55, (2014) pp. 494-505.

330. Cancelliere, R., Slavova, A., Dynamics and stability of generalized cellular nonlinear network model, *Applied Mathematics and Computation*, 165 (1), pp. 127-136, **2005**, doi: 10.1016/j.amc.2004.04.083

цитирана в:

801. Guo, Y., Su, H., Ding, X., Wang, K., Global stochastic stability analysis for stochastic neural networks with infinite delay and Markovian switching, *Applied Mathematics and Computation* 245, pp. 53-65, 2014
802. Monica Subashini, M., Sahoo, S.K., Pulse coupled neural networks and its applications, *Expert Systems with Applications*, 41 (8), pp. 3965-3974, 2014

331. D. Gross, **T. Rangelov**, P. Dienva, 2D wave scattering by a crack in a piezoelectric plane using traction BIEM, *Structural Integrity and Durability*, 1(1), 35-47, **2005**.

цитирана в:

803. Sladec, J., Sladec, V., Pan, E., Wunsche, M. Fracture analysis in piezoelectric semiconductors under a thermal load, *Engineering Fracture Mechanics*, 126, 27-39, 2014.

332. L. Gavrilov, I.D. Iliev, The displacement map associated to polynomial unfoldings of planar

Hamiltonian vector fields, Amer. J. Math. 127 (2005), no. 6, 1153--1190.

цитирана в:

- 804. M. Pelletier, M. Uribe, Principal Poincare-Pontryagin function associated to some families of Morse real polynomials, Nonlinearity 27 (2014), no. 2, 257--270.
- 805. R. Prohens, J. Torregrosa, Periodic orbits from second order perturbation via rational trigonometric integrals, Physica D: Nonlinear Phenomena 280-281 (2014), 59--72.

333. Пийа D. Пиев, Chengzhi Li, Jiang Yu, Bifurcations of limit cycles from quadratic non-Hamiltonian systems with two centres and two unbounded heteroclinic loops, Nonlinearity 18 (2005), no. 1, 305--330.

цитирана в:

- 806. Yanyan Chen, Yulin Zhao, The cyclicity of quadratic reversible system with a center of genus one and non-Morsean point, Appl. Math. & Comput. 231 (2014), 268--275.
- 807. Linping Peng, You Li, On the limit cycles bifurcating from a quadratic reversible center of genus one, Mediterr. J. Math. 11 (2014), 373--392, doi: 10.1007/s00009-013-0325-6.
- 808. Linping Peng, Zhaosheng Feng, Bifurcation of critical periods from a quartic isochronous center, Int. J. Bifurcat. Chaos 24 (2014), no. 9, art. no. 1450089, 16 pp.
- 809. P. De Maesschalck, S. Rebollo-Perdomo, J. Torregrosa, Cyclicity of a fake saddle inside the quadratic vector fields, J. Differential Equations [to appear], Published online 16 Oct 2014.
- 810. Wu Kuilin, Shao Yi, Quadratic perturbations of a quadratic reversible Lotka-Volterra system of genus one with two centers, Acta Math. Scientia (Ser. A) 31 (2014), no. 5, 1275--1286. [Chinese]

334. B. Yordanov, QS Zhang; Finite time blow up for wave equations with a potential. SIAM J. Math. Anal., 36 (5) (2005), pp. 1426--1433.

цитирана в:

- 811. Y Zhou, W Han, Life-span of solutions to critical semilinear wave equations, Communications in Partial Differential Equations, 2014, p.439-451
- 812. W Han, Y Zhou, **Blow up for some semilinear wave equations in multi-space dimensions**, Communications in Partial Differential Equations, 2014, p.651-665
- 813. Andrzej Nowakowski, Variational approach to stability of semilinear wave equation with nonlinear boundary conditions, DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS SERIES B, Volume 19, Number 8, Oct. 2014, p. 2603--2616

2006

335. A Yakovlev, **N Yanev** - Mathematical biosciences, **2006** – Elsevier. Branching stochastic processes with immigration in analysis of renewing cell populations.

цитирана в:

814. M Molina, M Mota, A Ramos. Stochastic modeling in biological populations with sexual reproduction through branching models. Application to Coho salmon populations. . - Mathematical Biosciences, 2014 – Elsevier.

336. 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 (**2006**) Biological Cybernetics, 94 (2), pp. 149-156, doi: 10.1007/s00422-005-0037-5

цитирана в:

815. Nicolas Zilber. ERF and scale-free analyses of source-reconstructed MEG brain signals during a multisensory learning paradigm, Université Paris-Sud, Ecole Doctorale STITS, Thèse de doctorat, April, 2014.

337. Y. Garcia, M. Lassonde and **J.P. Revalski**, Extended sums and extended compositions of monotone operators, J. Convex Anal., 13(**2006**), 721-738. ISSN 0944-6532 (print), 2363-6394(electronic)

цитирана в:

816. S. Trostorff and M. Waurick, A note on elliptic type boundary value problems with maximal monotone relations, Mathematische Nachrichten, Volume 287, Issue 13, 2014, 1545–1558; Online ISSN: 1522-2616

338. Kartalev, M., M. Dryer, K. Grigorov and **E. Stoimenova (2006)**. Solar wind polytropic index estimates based on single spacecraft plasma and interplanetary magnetic field measurements. Journal of Geophysical Research - Space Physics, vol. 111, No. A10, A10107.

цитирана в:

817. P.K. Karmakar, M. Gohain, U. Deka (2014). Stability Analysis of the Polytropic Solar Wind, Canadian Journal of Physics, 10.1139/cjp-2013-0744

818. G. Nicolaou, G. Livadiotis, X. Moussas (2014). Solar Physics, vol. 289, Issue 4, pp 1371-1378. ISSN: 0038-0938

339. **Stoimenova, E.**, Y. Lins, M. Datcheva and T. Schanz (**2006**). Inverse modelling of soil hydraulic characteristic functions. In: Proceedings of the 17th International Conference on the Application of Computer Science and Mathematics in Architecture and Civil Engineering, (eds. K. Goerlebeck and C. Koenke), Weimar, Germany, 12-14 July 2006.

цитирана в:

819. Long Nguyen-Tuan (2014). Coupled Thermo-Hydro-Mechanical Analysis: Experiment and Back Analysis, PhD Thesis, Ruhr-Universität Bochum Schriftenreihe Grundbau, Boden- und Felsmechanik, Heft 49, ISSN 2190-3255

340. **L. Mutafchiev**, E. Kamenov. Compt. Rend. Acad. Bulg. Sci.59(**2006**),361-365.

цитирана в:

820. A. Rovenchak, arXiv 1401.4367.2014;
 821. N. Destanville, S. Govindarajan. J. Statist. Physics DOI 10.1007/s10955-014-1147-z, ISSN – 1572-9613. IF 1.284.

341. Apostolov, V.; Calderbank, D.; Gauduchon, P., Hamiltonian 2-forms in Kähler geometry. I. General theory. // J. Differential Geom. 73 (2006), no. 3, 359–412

цитирана в:

822. Mettler, Th., On Kähler metrisability of two-dimensional complex projective structures. Monatsh. Math. 174 (2014), no. 4, 599–616.
 823. Ćap, A.; Gover, A. R.; Hammerl, M. Holonomy reductions of Cartan geometries and curved orbit decompositions. Duke Math. J. 163 (2014), no. 5, 1035–1070.

342. Kiryakova V., On two Saigo's fractional integral operators in the class of univalent functions, *Fract. Calc. Appl. Anal.*, 9, No 2 (2006), 159-176.

цитирана в:

824. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 424)
 825. Baleanu, D., Agarwal, P., On generalized fractional integral operators and the generalized gauss hypergeometric functions // Abstract and applied Analysis, 2014, 2014, Article # 630840, ISSN 1085-3375, 1687-0409
 826. Agarwal, P., Certain properties of the generalized Gauss hypergeometric functions // Appl. Math. and Information Sciences, 2014, 8, No 5, 2315-2320, ISSN 1935-0090
 827. Anastassiou, G., Most general fractional representation formula for functions and implications // Serdica Math. J., 2014, 40, No 1, 89-98, ISSN 1310-6600

343. Bogdanova, G., R. Pavlov, G. Todorov, V. Mateeva: Knowledge Technologies for Creation of Digital Presentation and Significant Repositories of Folklore Heritage. National journal "Advances in Bulgarian Science", 2006, 7-15. ISSN: 1312-6164.

цитирана в:

828. Лилия Р. Павлова, дисертация за присъждане на образователна и научна степен „доктор“, ИМИ, БАН, София, 2014.

344. Bouyukliev, I., S Bouyuklieva, T. Gulliver, P. Ostergard, Classification of optimal binary self-orthogonal codes, *Journal of Combinatorial Mathematics and Combinatorial Computing* 59, 2006, 33

цитирана в:

829. Crnković, Dean. "Classes of self-orthogonal or self-dual codes from orbit matrices of Menon designs." *Discrete Mathematics* 327 (2014): 91-95.

345. Bouyukliev, I., V Fack, W Willems, J Winne Projective two-weight codes with small parameters and their corresponding graphs. *Designs, Codes and Cryptography*, 41 (1), 2006, 59-78,

цитирана в:

830. Shi, Minjia, and Lou Chen. Construction of two-Lee weight codes over. *International Journal of Computer Mathematics* just-accepted (2014): 1-12.
831. Shi, Minjia, and Yu Wang. Optimal binary codes from one-lee weight codes and two-lee weight projective codes over \mathbb{Z}_4 . *Journal of Systems Science and Complexity* 27.4 (2014): 795-810.
832. Huang, Junbo. *Bipartite Distance-Regular Graphs of Diameter Four*. Diss. University of Waterloo, 2014.

346. **Bouyukliev, I.**, On the binary projective codes with dimension 6, *Discrete applied mathematics* 154 (12), **2006**, 1693-1708.

цитирана в:

833. Martis, Michael, John Bamberg, and Sylvia Morris. An enumeration of certain projective ternary two-weight codes and their relationship to the cubic Segre variety. arXiv preprint arXiv:1406.6748 (2014).

347. Дурева-Тупарова Д., **Г. Тупаров**, К. Марчева, К. Стоянова. Информационни технологии 5. Клас. , Сиела, **2006**

цитирана в:

834. Тодорова Е., Рефлексията в обучението по информационни технологии, Автореферат на дисертационен труд, Пловдив, 2014, @**2014**

348. **Ескенази А., Н. Манева**. Софтуерни технологии. , КЛИМН, **2006**

цитирана в:

835. Тричкова Е., Оптимизация на процеси в информационни системи, София, ИИКТ, 2014, дисертация, @**2014**

349. **Табов, Й.** Българи в Троянската война. В: Българи в античния свят. Зиези екс куо Вулгарес, София, **2006**, 7-51.

цитирана в:

836. Георгиев, П. Мизия, тук е и България. Булга Медиа, София, 2014. ISBN 978-954-9670-12-7

350. **Nikolov N.** The multipole Lempert function is monotone under inclusion of pole sets (with P. Pflug), *Mich. Math. J.* 54 (**2006**), No 1, 111-116. ISSN 0026-2285 (print), 1945-2365 (electr).

цитирана в:

837. Kosinski L., P. J. Thomas, W. Zwonek, Coman conjecture for the bidisc, arXiv:[1411.4322](https://arxiv.org/abs/1411.4322).

351. **Nikolov N.** The symmetrized polydisc cannot be exhausted by domains biholomorphic to convex domains, *Ann. Polon. Math.* 88 (**2006**), No 1, 279-283. ISSN 0066-2216 (print) 1730-6272(electronic).

цитирана в:

838. Warszawski T., Variations on the Lempert theorem (in Polish), Ph. D. thesis, Krakow (2014).
839. Warszawski T., (Weak) m-extremals and m-geodesics, arXiv:[1409.7585](https://arxiv.org/abs/1409.7585).

840. Zapalowski P., Geometric properties of domains related to mu-synthesis, arXiv:1410:6352.

352. **Drensky, V.**, R. La Scala: Gröbner bases of ideals invariant under endomorphisms, J. Symbol. Comp. 41 (2006) No. 7, 835-846. ISSN 0747-7171.

цитирана в:

841. Dotsenko, V.: Dual alternative algebras in characteristic three, Commun. Algebra 42 (2014), No. 5, 1911-1920. ISSN 0092-7872; 1532-4125.
842. Draisma, J.: Noetherianity up to Symmetry, Combinatorial Algebraic Geometry, Lecture Notes of the CIME-CIRM Summer School, Levico Terme, Italy, June 10–15, 2013. Lecture Notes in Mathematics Springer, 2108, 33-61, 2014. ISBN 978-3319048697, 3319048694

353. **Guelev, D. P.**, Mark Dermot Ryan and Pierre-yves Schobbens, Synthesising Features by Games, Electronic Notes in Theoretical Computer Science 145, cc. 79--93, 2006, doi 10.1016/j.entcs.2005.10.006, ISSN: 1571-0661

цитирана в:

843. Aminof, B., Fabio Mogavero, Aniello Murano. Synthesis of hierarchical systems, Science of Computer Programming, v. 83, pp. 56--79, 2014, doi 10.1016/j.scico.2013.07.001, ISSN: 0167-6423.

354. **Iliev, H.:** On the irreducibility of the Hilbert scheme of space curves. Proc. Amer. Math. Soc. 134 (2006), no. 10, 2823–2832. ISSN 0002-9939 (Print), 1088-6826 (Online)

цитирана в:

844. Ballico, E., C. Fontanari: A Few Remarks About the Hilbert Scheme of Smooth Projective Curves, Communications in Algebra, Volume 42, Issue 9, 2014, pages 3895-3901. ISSN 0092-7872 (Print), 1532-4125 (Online)
845. Benzo L.: Uniruledness of some moduli spaces of stable pointed curves, Journal of Pure and Applied Algebra, Volume 218, Issue 3, March 2014, Pages 395–404. ISSN 0022-4049

355. Narcowich, F., **Petrushev, P.**, Ward, J., Decomposition of Besov and Triebel-Lizorkin spaces on the sphere, Journal of Functional Analysis, volume 238, issue 2, 2006, pp. 530 - 564

цитирана в:

846. Vareschi, T. Application of second generation wavelets to blind spherical deconvolution, Journal of Multivariate Analysis, volume 124, 2014, pp. 398 – 417.

356. Narcowich, F. J.; **Petrushev, P.**; Ward, J. D. Localized tight frames on spheres. SIAM J. Math. Anal. 38 no. 2, (2006), 574–594.

цитирана в:

847. Le Gia, Q. T.; Wendland, H. Data compression on the sphere using multiscale radial basis function approximation. Adv. Comput. Math. 40 no. 4, (2014), 923–943.
848. Wang, Heping, Probabilistic and average widths of Sobolev spaces on compact two-point homogeneous spaces equipped with a Gaussian measure. Constr. Approx. 39 no. 3, (2014), 485–516.

849. Durastanti, Claudio; Lan, Xiaohong; Marinucci, Domenico, Gaussian semiparametric estimates on the unit sphere. *Bernoulli* 20 no. 1, (2014), 28–77.
850. Wang, He Ping; Wang, Kai; Wang, Jing, Entropy numbers of Besov classes of generalized smoothness on the sphere. *Acta Math. Sin. (Engl. Ser.)* 30 no. 1, (2014), 51–60.
851. Ward, John Paul; Unser, Michael, Harmonic singular integrals and steerable wavelets in $L_2(\mathbb{R}^d)$. *Appl. Comput. Harmon. Anal.* 36 no. 2, (2014), 183–197.
852. Durastanti, Claudio; Marinucci, Domenico; Peccati, Giovanni, Normal approximations for wavelet coefficients on spherical Poisson fields. *J. Math. Anal. Appl.* 409 no. 1, (2014), 212–227.

357. Narcowich, F.; **Petrushev, P.**; Ward, J. Decomposition of Besov and Triebel-Lizorkin spaces on the sphere. *J. Funct. Anal.* 238 no. 2, (2006), 530–564.

цитирана в:

853. Vareschi, T. Application of second generation wavelets to blind spherical deconvolution. *J. Multivariate Anal.* 124 (2014), 398–417.
854. Durastanti, Claudio; Marinucci, Domenico; Peccati, Giovanni, Normal approximations for wavelet coefficients on spherical Poisson fields. *J. Math. Anal. Appl.* 409 no. 1, (2014), 212–227.

358. **Popova, E.D.**, Improved Solution Enclosures for Over- and Underdetermined Interval Linear Systems. In I. Lirkov, S. Margenov, J. Wasniewski (Eds.), LNCS 3743, 2006, 305-312. ISBN: 3-540-31994-8

цитирана в:

855. J. Horacek, M. Hladik, Subsquares Approach - A Simple Scheme for Solving Overdetermined Interval Linear Systems, R. Wyrzykowski, J. Dongarra, K. Karczewski, J. Wasniewski (Eds) *Parallel Processing and Applied Mathematics, Lecture Notes in Computer Science 2014*, pp 613-622.
856. L. Kolev, Componentwise Determination of the Interval Hull Solution for Linear Interval Parameter Systems, *Reliable Computing* 20 (2014) 1-24.
857. Zaiser, S., Buchholz, M., Dietmayer, K. Black-box modeling with uncertain parameters from measurement data with unknown, but bounded errors (2014) *At-Automatisierungstechnik*, 62 (9), pp. 607--618.
858. Zaiser, Stefan, Michael Buchholz, and Klaus Dietmayer, MIMO order and state-space model identification from interval data, in *Control Applications (CCA), 2014 IEEE Conference on*, pp. 134-139. IEEE, 2014.

359. **Popova E.D.**, R. Yankov, Z. Bonev, Bounding the Response of Mechanical Structures with Uncertainties in all the Parameters. In R.L.Muhanna, R.L.Mullen (Eds): *Proceedings of the NSF Workshop on Reliable Engineering Computing*, Savannah, Georgia USA, Feb. 22-24, 2006, 245-265.

цитирана в:

859. El-Owny, Hassan Badry Mohamed A., New Generalized Interval Arithmetic and its applications to structural mechanics and Electrical circuits. *IJCSI*

International Journal of Computer Science Issues, v.11, Issue 1, No 2, 2014, 85-92.

860. Fedele, F., Muhanna, R., Xiao, N., and Mullen, R., Interval-Based Approach for Uncertainty Propagation in Inverse Problems, *Journal of Engineering Mechanics* (2014). 10.1061/(ASCE)EM.1943-7889.0000815, 06014013.
861. L. Kolev, Parameterized solution of linear interval parametric systems, *Applied Mathematics and Computation* 246 (2014) 229–246.
862. L. Kolev, Componentwise Determination of the Interval Hull Solution for Linear Interval Parameter Systems, *Reliable Computing* 20 (2014) 1-24.
863. MULLEN, R. L., MUHANNA, R. L., RAO, MV Rama, Non-Linear Analysis of Beams with Large Deflections—An Interval Finite Element Approach. Proc. of REC'2014, 2014. http://rec2014.iit.edu/papers/Paper_Mullen.pdf
864. M.V.Rama Rao, R.L.Muhanna and R.L.Mullen, Geometric Misfitting in Structures – An Interval-Based Approach, Proc. of REC'2014, 2014 http://rec2014.iit.edu/papers/Paper_Rama_Rao.pdf
865. Xu, MengHui and Qiu, ZhiPing, A dimension-wise method for the static analysis of structures with interval parameters, *Science China, Physics, Mechanics & Astronomy*, 2014, 57(10):1934–1945.

360. **Popova, E.D.**, WebComputing Service Framework, *International Journal INFORMATION THEORIES & APPLICATIONS (IJ ITA)* 13(3): **2006**, 246-254.

цитирана в:

866. M. Hladik, J. Horacek, A Shaving Method for Interval Linear Systems of Equations, R. Wyrzykowski, J. Dongarra, K. Karczewski, J. Wasniewski (Eds) *Parallel Processing and Applied Mathematics, Lecture Notes in Computer Science* 2014, pp 573-581.

361. **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, no. 1 (**2006**): 369-394.

цитирана в:

867. Zhang, Z., Xu, S., Ren, W., Derivation of a continuum model and the energy law for moving contact lines with insoluble surfactants, *Physics of Fluids*, 26 (6), (2014) art. no. 062103.
868. Muradoglu, M., G. Tryggvason, Simulations of soluble surfactants in 3D multiphase flow. *Journal of Computational Physics* 274 (2014): 737-757.
869. Khatri, S., A.K. Tornberg. "An embedded boundary method for soluble surfactants with interface tracking for two-phase flows." *Journal of Computational Physics* 256 (2014): 768-790.
870. Van der Sman, R. G. M., M. B. J. Meinders. "Mesoscale models of dispersions stabilized by surfactants and colloids." *Advances in colloid and interface science* 211 (2014): 63-76.
871. Xu, Jian-Jun, et al. "A Coupled Immersed Interface and Level Set Method for Three-Dimensional Interfacial Flows with Insoluble Surfactant." *Commun. Comput. Phys* 15 (2014): 451-469.
872. Wang, Q., M. Siegel, M.R. Booty, Numerical simulation of drop and bubble dynamics with soluble surfactant. *Physics of Fluids*, 26.5 (2014): 052102.

873. Ganesan, S. Arbitrary Lagrangian-Eulerian method for computation of impinging droplet with soluble surfactants and dynamic contact angle. arXiv preprint arXiv:1410.2427 (2014).

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

цитирана в:

874. Sani, S., T. N. M. Aris. Proposal for Ontology Based Approach to Fuzzy Student Model Design. In: Proceedings of Fifth International Conference on Intelligent Systems, Modelling and Simulation, Langkawi, Malaysia, 27-29 January 2014, 35-37. ISBN 978-1-4799-3857-5

875. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

363. **Paneva D.** Ontology-based Student Modeling. In: Proceedings of the Fourth CHIRON Open Workshop “Ubiquitous Learning Challenges: Design, Experiments and Context Aware Ubiquitous Learning”, 20 - 21 September, 2006, Turin, Italy, **2006**, 17-21

цитирана в:

876. Sani, S., T. N. M. Aris. Proposal for Ontology Based Approach to Fuzzy Student Model Design. In: Proceedings of Fifth International Conference on Intelligent Systems, Modelling and Simulation, Langkawi, Malaysia, 27-29 January 2014, 35-37. ISBN 978-1-4799-3857-5

877. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

364. **Pavlov R., D. Paneva.** Innovative Learning Services in Web, Interactive TV and Mobile Applications, In the Proceedings of the Fourth CHIRON Open Workshop “Ubiquitous Learning challenges: Design, Experiments and Context Aware Ubiquitous Learning”, 20 - 21 September, **2006**, Turin, Italy, 4-16

цитирана в:

878. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

365. **Pavlov R., D. Paneva.** Interactive TV-based Learning, Models and Standards, In the Proceedings of the Fourth HUBUSKA Open Workshop “Semantic Web and Knowledge Technologies Applications”, 12 September, **2006**, Varna, Bulgaria, 70-99

цитирана в:

879. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

366. **Pavlov R., L. Pavlova-Draganova, L. Draganov, D. Paneva.** e-Presentation of East-Christian Icon Art, In the Proceedings of the Fourth HUBUSKA Open Workshop “Semantic Web and Knowledge Technologies Applications”, Varna, Bulgaria, 12 September, **2006**, 42-48

цитирана в:

880. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

367. **Pericliev, V.** Significant Lexical Similarities between a Language of Brazil and Some Languages of Southeast Asia and Oceania: From Typological Perspective. *Journal of Universal Language* 7 (2), **2006**, 121–45.

цитирана в:

881. Malaspinas, A.-S., O. Lao, H. Schroeder, M. Rasmussen, M Raghavan, I Moltke, PF Campos, F Santana Sagredo, S Rasmussen, VF Gonçalves, A Albrechtsen, ME Allentoft, PLF Johnson, M Li, S Reis, DV Bernardo, M DeGiorgio, AT Duggan, M Bastos, Y Wang, J Stenderup, JV Moreno-Mayar, S Brunak, T Sicheritz-Ponten, E Hodges, GJ Hannon, L Orlando, TD Price, JD Jensen, R Nielsen, J Heinemeier, J Olsen, C Rodrigues-Carvalho, M Mirazón Lahr, WA Neves, M Kayser, T Higham, M Stoneking, SDJ Pena, E Willerslev. 2014. Two ancient human genomes reveal Polynesian ancestry among the indigenous Botocudos of Brazil. *Current Biology* 24, 1035–R1037, 3 November 2014
doi:10.1016/j.cub.2014.09.078. ISSN: 0960-9822. Supplemental Information http://geogenetics.ku.dk/publications/si-botocudos/SOM_CurrentBiology.pdf
882. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

368. Haydar Акс,а, Mohammed H. Al-Lail and **Valery Covachev**, Survey on wavelet transform and application in ODE and wavelet networks, *Advances in Dynamical Systems and Application*, 1 (2006), No. 2, 129–162.

цитирана в:

883. Luma N. M. Tawfiq, Othman M. Salih, Using feed forward neural network to solve eigenvalue problems, *Conference Papers in Science*, 2014 (2014), Article ID 906376, 8 pp.

369. Manolis, G., Rangelov, T. Non-homogeneous elastic waves in solid: Notes on the vector decomposition technique, *Soil Dyn. Earthq. Eng.*, 26, 952-959, **2006**.

цитирана в:

884. Tang, B., Wang, X., Wei, L., Exact solutions of fractional heat-like and wave-like equations with variable coefficients, *International Journal for Numerical Methods for Heat and Fluid Flow*, 24(2), 455-467, 2014.

370. Borislav T. Yordanov, Qi S. Zhang, Finite time blow up for critical wave equations in high dimensions, *Journal of Functional Analysis*, Volume 231, Issue 2, 15 February **2006**, Pages 361–374

цитирана в:

885. Y Zhou, W Han, Life-span of solutions to critical semilinear wave equations, *Communications in Partial Differential Equations*, 2014, p.439-451
886. NA Lai, Y Zhou, An elementary proof of Strauss conjecture, *Journal of Functional Analysis*, 2014, p.1364–1381
887. W Han, Y Zhou, Blow up for some semilinear wave equations in multi-space dimensions, *Communications in Partial Differential Equations*, 2014, p.651-665

888. N Hayashi, PI Naumkin, On the new critical exponent for the nonlinear Schrödinger equations, *Nonlinear Differential Equations and Applications*, 21, 2014, p.415-440
889. Kunio Hidano, Chengbo Wang, Kazuyoshi Yokoyama, Combined effects of two nonlinearities in lifespan of small solutions to semi-linear wave equations, arXiv preprint
890. M D'Abbicco, S Lucente, M Reissig , From $p_0(n)$ to $p_0(n+2)$, arXiv preprint
891. JA Helms, JL Metcalfe, Almost Global Existence for 4-Dimensional Quasilinear Wave Equations in Exterior Domains, arXiv preprint
892. H Takamura, M Rammaha, H Uesaka, Blow-Up of Positive Solutions to Wave Equations in High Space Dimensions, arXiv preprint
893. H Takamura, K Wakasa , Almost global solutions of semilinear wave equations with the critical exponent in high dimensions, arXiv preprint
894. Hans Lindblad, Jason Metcalfe, Christopher D. Sogge, Mihai Tohaneanu, Chengbo Wang, The Strauss conjecture on Kerr black hole backgrounds, *Math Ann.* 2014 359: p.637-661

371. **Popova, E.D.**, Improved Solution Enclosures for Over- and Underdetermined Interval Linear Systems. In I. Lirkov, S. Margenov, J. Wałsniowski (Eds.), LNCS 3743, **2006**, 305-312. ISBN: 3-540-31994-8

цитирана в:

895. Zaiser, Stefan, Michael Buchholz, and Klaus Dietmayer, MIMO order and state-space model identification from interval data, in *Control Applications (CCA)*, 2014 IEEE Conference on, pp. 134-139. IEEE, 2014.

2007

372. E. Kamenov, **L. Mutafchiev**, *Acta Mathematica Hungarica* 117(**2007**), 293-314.

цитирана в:

896. D. Parry, arXiv 1401.1886. 2014.

373. **Krastanov M.I., N.K. Ribarska, Ts.Y. Tsachev**, On the Existence of Solutions of Differential Inclusions with non-convex right-hand side, *SIAM J. on Optimization*, том:18, брой:3, **2007**, стр.733-751, IF/IR.

цитирана в:

897. Farkhi E., Tz. Donchev, R. Baier, Existence of Solutions for Nonconvex Differential Inclusions of Monotone Type, *Comptes rendus de l'Academie bulgare des Sciences*, Vol 67, No3, 323-330, 2014, ISSN 1310-1331, IF=0.211.
898. Farkhi E., Weak Cyclic Monotonicity and Existence of Solutions of Differential Inclusions, to *Comptes rendus de l'Academie bulgare des Sciences*, 2014.

374. **Bogdanova G. T.**, V. A. Zinoviev, and **T. J. Todorov**: On the construction of q-ary equidistant codes. *Probl. Inf. Transm.* 43, 4, December **2007**, 280-302.

DOI=10.1134/S0032946007040023 <http://dx.doi.org/10.1134/S0032946007040023> ISSN: 1608-3253 G. Bogdanova, V. A. Zinoviev and T. J. Todorov, On construction of \mathcal{Q} -ary equidistant codes, *Problems Inform. Transmiss.*, 43 (2007), 13-36. Original Russian Text

цитирана в:

- 899. Y. M. Chee, H. M. Kiah, A. C. H. Ling and C. Wang: Generalized Balanced Tournament Packings and Optimal Equitable Symbol Weight Codes for Power Line Communications, *Journal: Journal of Combinatorial Designs*, 2014.
- 900. Zhu, M., Ge, G. : Room squares with super-simple property. *Designs, Codes, and Cryptography*, 71 (3), 365-381, 2014.
- 901. Chee, Y. M., Kiah, H. M., Ling, A. C., & Wang, C.: Generalized Balanced Tournament Packings and Optimal Equitable Symbol Weight Codes for Power Line Communications. *Journal of Combinatorial Design*. 2014. ISSN:1063-8539
- 902. Minder, L., Sauerwald, T., & Wegner, S. A: Asymptotic bounds on the equilateral dimension of hypercubes. *Graphs and Combinatorics*, 1-8. 2014.

375. **Bouyukliev, I.**, About the code equivalence - *Ser. Coding Theory Cryptol* 3, **2007**, 126-151

цитирана в:

- 903. Yankov, Nikolay. "Self-dual [62, 31, 12] and [64, 32, 12] codes with an automorphism of order 7." *Adv. in Math. of Comm.* 8.1 (2014) 73-81.
- 904. T Feulner, Eine kanonische Form zur Darstellung äquivalenter Codes Dissertation, Doktors der Naturwissenschaften, Von der Universität Bayreuth, 2014

376. **Bouyukliev, I.**, What is \mathcal{Q} -extension? *Serdica Journal of Computing* 1 (2), **2007**, 115-130.

цитирана в:

- 905. Kim, Jon-Lark. "Computer Based Reconstruction of Binary Extremal Self-dual Codes of Length 32." *Mathematical Software–ICMS 2014*. Springer Berlin Heidelberg, 2014. 115-118.
- 906. Esfahani, Navin Nasr, and G. H. J. van Rees. "The Relationship between (16, 6, 3)-Balanced Incomplete Block Designs and Binary (25, 12)-Self-Orthogonal Codes."

377. Morita H., Kamada K., **Kostadinov H.**, Wijngaardan A., On single cross error correcting integer codes with minimum-energy signal constellations, *International Symposium on Information Theory (ISIT)*, 26-30, June **2007**

цитирана в:

- 907. Trautman Anna-Lena, Viterbo E., Cross-Error Correcting Integer Codes over \mathbb{Z}_2^m , arXiv: 1405.7464v2, Oct. 2014

378. **Nikolov N.** The Lempert function of the symmetrized polydisc in higher dimensions is not a distance (with P. Pflug and W. Zwonek), *Proc. Amer. Math. Soc.* 135 (**2007**), No 9, 2921-2928. ISSN 0002-9939 (print) 1088-6826 (online).

цитирана в:

- 908. Agler J., Z. A. Lykova, N. J. Young, 3-extremal holomorphic maps and the symmetrised bidisc, *J. Geom. Anal.*, DOI 10.1007/s12220-014-9504-3.

909. Agler J., Z. A. Lykova, N. J. Young , The complex geometry of a domain related to mu-synthesis, *J. Math. Anal. Appl.* 422 (2015), 508-543.
910. Zapalowski P., Geometric properties of domains related to mu-synthesis, arXiv:1410:6352.

379. **Drensky, V.**, J.-T. Yu: The strong Anick conjecture is true, *J. European Math. Soc.* 9 (2007), No. 4, 659-679. ISSN 1435-9855, 1435-9863.

цитирана в:

911. Liu, D.: Wild automorphisms of free metabelian algebras, *J. Pure Appl. Algebra* 218 (2014), 30-36. ISSN 0022-4049.

380. Дурева-Тупарова Д., **Г. Тупаров**, К. Марчева, К. Стоянова. Информационни технологии 6. Клас. , Сиела, **2007**

цитирана в:

912. Тодорова Е., Рефлексията в обучението по информационни технологии, Автореферат на дисертационен труд, Пловдив, 2014, @**2014**

381. **Gateva-Ivanova, T.**, S. Majid: Set theoretic solutions of the Yang-Baxter equation, graphs and computations, *J. Symbolic Computation*, 42 (2007), 1079-1112, ISSN: 0747-7171

цитирана в:

913. Dehornoy, P.: Set-theoretic solutions of the Yang-Baxter equation, RC-calculus, and Garside germs, arXiv:1403.3019 [math.GR], 2014, 1-28,

382. **Popova, E. D.**, Computer-Assisted Proofs in Solving Linear Parametric Problems, in Conference Post-Proceedings of SCAN 2006, IEEE Computer Society Press, **2007**, p.~35.

цитирана в:

914. L. Kolev, Parameterized solution of linear interval parametric systems, *Applied Mathematics and Computation* 246 (2014) 229–246.
915. L. Kolev, Componentwise Determination of the Interval Hull Solution for Linear Interval Parameter Systems, *Reliable Computing* 20 (2014) 1-24.

383. **Popova, E.**, Kraemer, W., Inner and Outer Bounds for Parametric Linear Systems, *JCAM* 199, No. 2, **2007**, 310-316.

цитирана в:

916. El-Owny, Hassan Badry Mohamed A., New Generalized Interval Arithmetic and its applications to structural mechanics and electrical circuits. *IJCSI International Journal of Computer Science Issues*, v.11, Issue 1, No 2, 2014, 85-92.
917. M. Hladik, J. Horacek, A Shaving Method for Interval Linear Systems of Equations, R. Wyrzykowski, J. Dongarra, K. Karczewski, J. Wasniewski (Eds) *Parallel Processing and Applied Mathematics, Lecture Notes in Computer Science* 2014, pp 573-581.
918. Hladik, M., Interval linear algebra, Habilitation Thesys, Charles University, Prague, 2014.

919. Lyudvin D. Y., Development of interval methods for synthesis, analysis and diagnostic of some mechanical structures, PhD thesis, Inst. Computational Technologies, Russ. Acad. Sci., Novosibirsk, 2014. (in Russian)

384. Крушков, Хр., **Илиев, А.** Практическо ръководство по програмиране на Паскал. Част I и II (шесто допълнено и преработено издание). , Университетско издателство “Паисий Хилендарски”, **2007**

цитирана в:

920. Крушкова, М., Дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @**2014**
921. Крушкова, М., Автореферат на дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @**2014**

385. **Илиев, А.**, Вълчанов, Н., Терзиева, Т.. Споделен опит от използване на софтуерна тестова система при провеждане на изпити в курса по Информационно моделиране. сборник с доклади от Юбилейна конференция „Науката, образованието и времето като грижа”, 30.11-01.12.**2007** г., Смолян, 2007, 77 - 81

цитирана в:

922. Крушкова, М., Дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @**2014**
923. Крушкова, М., Автореферат на дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @**2014**

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

цитирана в:

924. Vlachos, Marios, Dermatas, Evangelos. Fuzzy segmentation for finger vessel pattern extraction of infrared images. J Pattern Analysis and Applications, pp. 1-19. ISSN 1433-7541. 2014. <http://dx.doi.org/10.1007/s10044-014-0413-7>, @**2014**
925. Shruti Shrivastava, Amit Chouksey. Retinal Blood Vessel Segmentation using Ripplet Transform and FCM Clustering. Int. Jour. of Scientific Progress and Research. Volume - 03, Number - 01, 2014 ISSN: 2349-4689, @**2014**

387. 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

цитирана в:

926. Faraz Oloumi, Ashis K. Dhara, Rangaraj M. Rangayyan, Sudipta Mukhopadhyay. Detection of Blood Vessels in Retinal Fundus Images. Computer Science Journal of Moldova, vol.22, no.2(65), 2014, @2014

388. **Popova, E.D.**, Solving Linear Systems whose Input Data are Rational Functions of Interval Parameters, In T. Boyanov et al. (Eds.) NMA 2006, LNCS 4310, **2007**, 345-352.

цитирана в:

927. El-Owny, Hassan Badry Mohamed A., New Generalized Interval Arithmetic and its applications to structural mechanics and electrical circuits. IJCSI International Journal of Computer Science Issues, v.11, Issue 1, No 2, 2014, 85-92.
928. L. Kolev, Componentwise Determination of the Interval Hull Solution for Linear Interval Parameter Systems, Reliable Computing 20 (2014) 1-24.

389. **Dimitrova, N.**, P.Zlateva: Stability and Bifurcation Analysis of a Nonlinear Model of Bioreactor. In: Numerical Methods and Applications (NMA'2006), T.Boyanov, S.Dimova, K.Georgiev, G.Nikolov (eds.), Lecture Notes in Computer Science 4310, Springer, **2007**, 296–303.

цитирана в:

929. Pratap R. Patnaik: Supervisory Expert System-based Intelligent Optimization of a Microbioreactor. Applied Artificial Intelligence: An International Journal, vol. 28, issue 2, 2014, 91-110.

390. **Draganov, B. R., K. G. Ivanov:** A characterization of weighted approximations by the Post-Widder and the Gamma operators. J. Approx. Theory 146, **2007**, 3-27.

цитирана в:

930. Didem Aydin, Ali Aral, Gülen Başcanbaz-Tunca: A Generalization of Post-Widder Operators Based on q-Integers. Annals of the Alexandru Ioan Cuza University - Mathematics, DOI: 10.2478/aicu-2014-0012.

391. **Grozdev, S.:** For High Achievements in Mathematics, The Bulgarian Experience (Theory and Practice). ADE, Sofia, **2007**. (ISBN 978-954-92139-1-1), 295 страници

цитирана в:

931. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.
932. Тодорова, Е.: Рефлексията в обучението по информационни технологии, Дисертация за присъждане на образователната и научна степен “доктор”, Пловдив, 19.02.2014 г.
933. Пенев, П.: Евристика с Excel, Математика и информатика, т. 57, 1, 2014, 18 – 33 (ISSN 1310-2230)
934. Несторова, Р.: Едно обобщение на теоремата на Питагор в извънкласната работа по математика, Математика и информатика, т. 57, 1, 2014, 59–63 (ISSN 1310-2230).
935. Arslanagic, S.: Some inequalities in the triangle, Mathematics and Informatics, t. 57, 1, 2014, 64 – 67 (ISSN 1310-2230)

936. Лалчев, З.: За съвременните методи в началната училищна математика, Математика и информатика, т. 57, 2, 2014, 103–106 (ISSN 1310-2230).
937. Секованов, В., Е. Селезнева, С. Шляхтина: Фрактальные ветоды в физике, т. 57, 2, 2014, 129–138 (ISSN 1310-2230).
938. Колева, К.: Формиране на умения за решаване на логически задачи в контекста на синергетичния подход, Дисертация за присждане на образователната и научна степен „доктор“, 14 юни 2014 г., Пловдив, 2014
939. Rusakov, A.: On the self-learning activities of university students, Proceedings of the 43-rd Spring Conference of UBM, Borovetz, April 2–6, 2014, Sofia, 2014, pp. 211 – 215.
940. Sergeeva, T.: Word problems in the school mathematics course as a tool for developing students’ social competence, Proceedings of the 43-rd Spring Conference of UBM, Borovetz, April 2–6, 2014, Sofia, 2014, pp. 217 – 220.
941. Shabanova, M.: Interactive dynamical visualization in the support of visual thinking, Proceedings of the 43-rd Spring Conference of UBM, Borovetz, April 2–6, 2014, Sofia, 2014, pp. 221 – 225.
942. Бешенков С. А., А. Х. Дзамыхов: Информатика и математика в контексте метапредметности, Математика и информатика, т. 57, 4, 2014, 335 – 342 (ISSN 1310-2230)
943. Malceski, R.: Honeycomb – a genius creation of Nature, Mathematics and Informatics, v. 57, 4, 2014, 402–407 (ISSN 1310-2230)
944. Arslanagic, S.: Three solutions of a problem with four circles, Mathematics and Informatics, t. 57, 4, 2014, 408–415 (ISSN 1310-2230)
945. Сярова, П.: Урок за използване на функции в задачи по икономика, Математика и информатика, т. 57, 4, 2014, 422–430 (ISSN 1310-2230)
946. Вутова, И.: Евристична и прогностична роля на теоремите в училищния курс по математика, Дисертация за присждане на образователната и научна степен „доктор“, ФМИ, София, 2014 (31.10.2014).
947. Бешенков, С., Э. Миндзаева: Информатика в школах России, Математика и информатика, т. 57, 5, 2014, 447 – 461 (ISSN 1310-2230)
948. Пенев, П.: Още евристики с EXCEL, Математика и информатика, т. 57, 5, 2014, 472 – 479 (ISSN 1310-2230).
949. Гайдаржи, Г., А. Русаков: Теоретико-методологические аспекты проектирования концепции математического образования, Математика и информатика, т. 57, 5, 2014, 492 – 501 (ISSN 1310-2230).
950. Arslanagic, S.: A refinement of an inequality with radicals, Mathematics and Informatics, t. 57, 6, 2014, 597–603 (ISSN 1310-2230)
951. Arslanagic, S.: An inequality for a right triangle and its generalization, Mathematics and Informatics, t. 57, 6, 2014, 604–612 (ISSN 1310-2230)
392. **Paneva, D., K. Rangochev, D. Luchev.** Ontological Model of the Knowledge in Folklore Digital Library, In the Proceedings of the Fifth HUBUSKA Open Workshop “Knowledge Technologies and Applications”, 31 May - 1 June, **2007**, Kosice, Slovakia, 47-55, ISBN: 978 80 969148 8 3.

цитирана в:

952. М. Монова-Желева, Я. Желев, Р. Стюарт. Изграждане на виртуална експозиция с икони от фонда на Регионален исторически музей – Бургас. Компютърни науки и комуникации”, Т. 3, № 4, 2014, 92-101. ISSN: 1314-7846.
953. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

393. **Paneva, D.** Service-based Architecture for Personalized and Adaptive Access to the Knowledge in Digital Library, In the Proceedings of the Jubilee International Conference on Mathematical and Computational Linguistics "30 years Department of Mathematical Linguistics", 6 July, **2007**, Sofia, Bulgaria, 93-106

цитирана в:

954. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

394. **Paneva, D., K. Rangochev, D. Luchev.** Knowledge Technologies for Description of the Semantics of the Bulgarian Folklore Heritage, In the Proceedings of the Fifth International Conference "Information Research and Applications" – i.Tech 2007 (ITA 2007 - Xth Joint International Scientific Events on Informatics), 26 June – 01 July, **2007**, Varna, Bulgaria, vol. 1, 19-25

цитирана в:

955. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

395. Dineva P., Rangelov Ts., Manolis G. , Elastic wave propagation in a class of cracked functionally graded materials by ВІЕМ, Computational Mechanics **39**(3), 293-308, **2007**.

цитирана в:

956. Г. П. Василев, Отчитане на взаимодействието почва – фундамент – конструкция върху динамичното и сеизмичното поведение на сгради и съоръжения, Дисертация за НОС “Доктор”, УАСГ, 2014.

396. **Paneva, D., L. Pavlova-Draganova, L. Draganov.** Towards Content-sensitive Access to the Artefacts of the Bulgarian Iconography, In the Proceedings of the Fifth International Conference "Information Research and Applications" – i.Tech 2007 (ITA 2007 - Xth Joint International Scientific Events on Informatics), 26 June – 01 July, **2007**, Varna, Bulgaria, vol. 1, 33-38

цитирана в:

957. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

397. **Pavlov R., D. Paneva, L. Pavlova-Draganova, L. Draganov.** Ubiquitous Learning Applications on top of Iconographic Digital Library, In the Proceedings of the Jubilee International Conference on Mathematical and Computational Linguistics "30 years Department of Mathematical Linguistics", 6 July, **2007**, Sofia, Bulgaria, 107-118

цитирана в:

958. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

398. Pavlova-Draganova, L., **D. Paneva, L. Draganov (2007)**, Knowledge Technologies for Description of the Semantics of the Bulgarian Iconographical Artefacts, In the Proceedings of the Fifth HUBUSKA Open Workshop "Knowledge Technologies and Applications", 31 May - 1 June, 2007, Kosice, Slovakia, 41-46

цитирана в:

959. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

399. **Pericliev, V.** Machine-aided linguistic discovery. In the Proceedings of the Mathematical and Computational Linguistics - Jubilee International Conference, dedicated to the 30th anniversary of the Mathematical Linguistics Dept. IMI-BAS, 6 July, **2007**, Sofia, Bulgaria, 35-47

цитирана в:

960. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

400. **Pericliev, V.** The Kaingang (Brazil) seem linguistically related to Oceanic populations. Journal of Universal Language, **2007**, 8, 39-59

цитирана в:

961. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

401. **Rangochev K., D. Paneva, D. Luchev.** Bulgarian Folklore Digital Library, In the Proceedings of the Jubilee International Conference on Mathematical and Computational Linguistics "30 years Department of Mathematical Linguistics", 6 July, **2007**, Sofia, Bulgaria, 119-124

цитирана в:

962. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

402. Staykova, K., D. Dochev, **D. Paneva, L. Pavlova-Draganova, V. Saraydarova.** Development of Domain Ontology, Targeted at the Creation of Learning Materials From Digital Archives, In the Proceedings of the LOGOS Open Workshop "Cross-Media and Personalized Learning Applications on top of Digital Libraries" (LADL 2007) in conj. with the 11th European Conference on Research and Advanced Technology for Digital Libraries (ECDL **2007**), 16-21 September, Budapest, Hungary, 91-100

цитирана в:

963. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

403. Manolis, G., **Rangelov, T.**, Dineva, P., Free-field wave solutions in a half-plane exhibiting a special-type of continuous inhomogeneity, Wave Motion, 44(4), 304-321, **2007**.

цитирана в:

964. Martin, P. A., Shear-wave resonances in a fluid-solid-solid layered structure, Wave Motion, 51(7), 1161-1169, 2014.

404. D. Gross, P. Dienva, T. Rangelov, BIEM solution of piezoelectric cracked finite solids under

time-harmonic loading, Eng. Anal. Bound. Elem., 31:2, 152-162, **2007**.

цитирана в:

965. H. P. Song, C. F. Gao, Interaction between a permeable crack and piezoelectric screw dislocations, line forces and line charges in a finite piezoelectric cylinder, Journal of Theoretical and Applied Mechanics, 44 (4), 51–68, 2014.

2008

405. **Drensky, V.**, R. Holtkamp: Planar trees, free nonassociative algebras, invariants, and elliptic integrals, Algebra and Discrete Mathematics (**2008**), No. 2, 1-41. ISSN 1726-3255.

цитирана в:

966. Qiu, J.: Gröbner-Shirshov bases for commutative algebras with multiple operators and free commutative Rota-Baxter algebras, Asian-European J. Math. 07 (2014), No. 2, 1450033 (16 pages). ISSN 1793-5571, 1793-7183.

406. **Paneva-Marinova, D.**, L. Pavlova-Draganova, **R. Pavlov**, M. Sendova (**2008**). Cross-media and Ubiquitous Learning Applications on Top of Iconographic Digital Library. In the Proceedings of the 14th International Conference on Virtual Systems and Multimedia, Limassol, Cyprus, 20-25 October 2008, 367-371

цитирана в:

967. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

407. **NM Yanev** - Records and Branching Processes, **2008** - NOVA Science Publishers, Statistical inference for branching processes.

цитирана в:

968. Nina Daskalova. EM Algorithm for Estimation of the Offspring Probabilities in Some Branching Models. Nonlinear Dynamics of Electronic Systems. Communications in Computer and Information Science Volume 438, 2014, pp 181-188.

408. Landjeva S., V. Korzun, **E. Stoimenova**, B. Truberg, G. Ganeva and A. Boerner (**2008**). The contribution of the gibberellin-insensitive semi-dwarfing (Rht) genes to genetic variation in wheat seedling growth in response to osmotic stress. Journal of Agricultural Science, vol. 146, (3), 275-286.

цитирана в:

969. D. Dodig, M. Zoric, M. Jovic, V. Kandic, R. Stanisavljevic And G. Surlan-Momirovic (2014). Wheat seedlings growth response to water deficiency and how it correlates with adult plant tolerance to drought. The Journal of Agricultural Science.
970. Gonzalez, Lopez, Delano-Frier, Gomez-Levy (2014). Expression of the 1-SST and 1-FFT genes and consequent fructan accumulation in Agave tequilana and A. inaequidens is differentially induced by diverse (a)biotic-stress related elicitors. Journal of Plant Physiology, 171(3-4), 359-72

409. **Yanev, G.P.**, M. Ahsanullah, and M.I. Beg (2008). Characterizations of probability distributions via bivariate regression of record values, *Metrika*, 68(1), 51-64.

цитирана в:

971. Nadarajah, S., Teimouri, M., Shih, S.H. Characterizations of the Weibull and uniform distributions using record values, *Brazilian J. Probability and Statistics*, 28(2014), 2:209-222.

410. P. Somerfield, W. Jaap, K. Clarke, M. Callahan, K. Hackett, J. Porter, M. Lybolt, C. Tsokos, and **G. Yanev** (2008). Changes in coral reef communities among the Florida Keys, 1996-2003, *Coral Reefs*, 27, 4:951-965.

цитирана в:

972. Toth, L.T., R. van Woesik, T. J. T. Murdoch, S. R. Smith, J. C. Ogden, W. F. Precht, , R. B. Aronson. Do no-take reserves benefit Florida's corals? 14 years of change and stasis in the Florida Keys National Marine Sanctuary, *Coral Reefs*, 33(2014), 3:565-577.

411. **Минчев Зл.**, Компютърно подпомагано разработване на сценарии за отбранително планиране и управление при кризи, Втора национална конференция под патронажа на министър-председателя на Р. България „Младежта на България, европейската ни идентичност и иновативни постижения”, Сборник на Младежко иновационно и информационно общество АБ, Година втора, София, Експопринт ООД, 308-316, **2008**, ISSN 1313-5589.

цитирана в:

973. Любен Боянов, Съвременното дигитално общество, ИК Лик, 162 стр., София, 2014, ISBN 954607819-0.

412. **Илев, О.**, Mikelić, A., Popov, P., On upscaling certain flows in deformable porous media *Multiscale Modeling and Simulation*, 7 (1), (2008), pp. 93-123.

цитирана в:

974. Cheema, T.A., Kim, K.W., Kwak, M.K., Lee, C.Y., Kim, G.M., Park, C.W., Numerical investigation on composite porous layers in electroosmotic flow, *International Journal of Precision Engineering and Manufacturing - Green Technology*, 1 (3), (2014) pp. 207-213.
975. Cheema, T.A., Lee, C.-Y., Kim, G.-M., Hong, J.-G., Kwak, M.-K., Park, C.-W., Numerical investigation on the effects of the positional variation of porosity in thin porous layers, *International Journal of Precision Engineering and Manufacturing*, 15 (7), (2014) pp. 1405-1410.

413. **Popova, E.D.**, Kraemer, W., Visualizing Parametric Solution Sets, *BIT Numerical Mathematics* 48(1): **2008**, 95-115.

цитирана в:

976. Nazari, Vahid, and Leila Notash, Parametric Method for Motion Analysis of Manipulators with Uncertainty in Kinematic Parameters, *Advances on Theory and Practice of Robots and Manipulators, Mechanisms and Machine Science* Vol. 22, Springer, 2014, pp. 9-17.

414. **Baicheva, T.**, Determination of the best CRC codes with up to 10-bit redundancy, *IEEE Trans on Commun.*, vol. 56, issue 8, **2008**, 1214-1220.

цитирана в:

977. H. Patel, D. Patel, M. Chaudhary and M. Zala, An Automated CRC engine, *International Journal for Innovative Research in Science & Technology*, Vol. 1, Issue 1, 73-77, June 2014.
978. Li Chia Choo, Zander Lei, CRC codes for short control frames in IEEE 802.11ah, *The 80-th IEEE Vehicular Technology Conference, Vancouver, Canada*, 14-17 September, 2014.

415. I. Avramov, C. Russel, **N. Kolkovska, I. Georgiev**, Crystallization kinetics and network rigidity, *J. Phys.: Condens. Matter*, 20 (**2008**), 335203.

цитирана в:

979. John C. Mauro, Charles S. Philip, Daniel J. Vaughn, Michael S. Pambianchi, Glass Science in the United States: Current Status and Future Directions, *International Journal of Applied Glass Science*, Volume 5, Issue 1, 2014, pages 2–15.

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

цитирана в:

980. Tilmann Zäschke, Christoph Zimmerli, and Moira C. Norrie. 2014. The PH-tree: a space-efficient storage structure and multi-dimensional index. In *Proceedings of the 2014 ACM SIGMOD international conference on Management of data (SIGMOD '14)*. ACM, New York, NY, USA, 397-408. DOI=10.1145/2588555.2588564, @2014

417. Dineva P., Manolis G., Rangelov T. Site Effects due to Wave Path Inhomogeneity by BEM, *Engineering Analysis with Boundary Elements* 32, Special Issue on the BEM/MRM for Inhomogeneous Solids, edited by J.T. Katsikadelis and G.D. Manolis, **32**, 1025-1036, **2008**.

цитирана в:

981. Г. П. Василев, Отчитане на взаимодействието почва – фундамент – конструкция върху динамичното и сеизмичното поведение на сгради и съоръжения, Дисертация за НОС “Доктор”, УАСГ, 2014.

418. **Kyurkchiev, N.**, Perkov, M., **Iliev, A.**. A modification of Richardson method for numerical solution of linear system of equations. *C. R. Acad. Bulg. Sci.*, 61, 10, **2008**, ISSN:1310-1331, 1257 - 1264. ISI IF:0.152

цитирана в:

982. Trencheva, M., M. Traykov, I. Trenchev, Analysis of the Human Resources of the Food Subsectors Through Benchmarking, *Proceedings of the Fifth International Scientific Conference – FMNS2013*, 12 – 16 June 2013, Faculty of Mathematics and Natural Science, VOLUME 1, MATHEMATICS AND INFORMATICS, South-West University “Neofit Rilski” Blagoevgrad, 175-179, ISSN 1314-0272, @2014

419. **Ivanova Kr., P. Stanchev, B. Dimitrov.** Analysis of the distributions of color characteristics in art painting images. *Serdica Journal of Computing*, 2, 2, **2008**, 111 - 136

цитирана в:

983. Qin Zou, Yu Cao, Qingquan Li, Chuanhe Huang, Song Wang, Chronological classification of ancient paintings using appearance and shape features, *Pattern Recognition Letters*, Volume 49, 1 November 2014, Pages 146-154, ISSN 0167-8655, <http://dx.doi.org/10.1016/j.patrec.2014.07.002>, @**2014**

420. 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 в:

984. Valentova, Jaroslava Varella, Kleisner, Karel, Havlíček, Jan, Neustupa, Jiří. Shape Differences Between the Faces of Homosexual and Heterosexual Men. *J Archives of Sexual Behavior*. Vol. 43. Num. 2, pp. 353-361. 2014. ISSN 0004-0002. <http://dx.doi.org/10.1007/s10508-013-0194-x>, @**2014**

421. Дурева Д., **Г. Тупаров**. Електронно обучение – технологии и модели. , Университетско издателство „Неофит Рилски“, Благоевград, **2008**

цитирана в:

985. Боянова Силвия, Електронно помагало за ученици от X клас „От атома до космоса“, *Chemistry: Bulgarian Journal of Science Education*, Volume 23, Number 4, 2014, SJR (2013): 0.200, @**2014**
986. Харизанов Кр., Н. Хр. Павлова. Платформа за описание на план-конспекти – проблеми и решения, *Математика и математическо образование*, София, 2014, http://www.math.bas.bg/smb/2014_PK/tom_2014/pdf/333-339.pdf, @**2014**
987. Горанова Евгения, Модел за обучение по информационни технологии в мултимедийна среда, Автореферат на дисертационен труд, Русе, 2014, @**2014**

422. ZHANG, Nan, Mark D. Ryan, **Dimitar P. Guelev**. Synthesising Verified Access Control Systems through Model Checking. *Journal of Computer Security*, volume 16, issue 1, pp. 1-61, **2008**. ISSN 0926-227X.

цитирана в:

988. Squarcina, Marco. Automatic Verification of Grsecurity RBAC Policies, *Universita Ca'Foscari Venezia, Master Thesis, Second Cycle Degree Programme in Computer Science (Class LM-18), Academic Year 2013/2014*, URL: dspace.unive.it/bitstream/handle/10579/4729/814359-1173426.pdf
989. NIU, Jianwei, Mark Reith, William H. Winsborough: Formal verification of security properties in trust management policy, *Journal of Computer Security*, v. 22, issue 1, pp. 69--153, 2014 doi 10.3233/JCS-130490, ISSN print 0926-227X, ISSN online 1875-8924.
990. Armando, A., Serena Elisa Ponta: Model checking authorization requirements in business processes, *Computers & Security*, v. 40, pp. 1--22, 2014, doi 10.1016/j.cose.2013.10.002, ISSN: 0167-4048.

991. Huynh Nguyen Chinh, Nguyen Dinh Thuc, Tan Hanh: Early detection and limitation Hot-IPs using Non-Adaptive Group Testing and dynamic firewall rules. 2014 International Conference on Computing, Management and Telecommunications (ComManTel), pp. 286 - 290, IEEE, 2014, Print ISBN: 978-1-4799-2904-7, DOI: 10.1109/ComManTel.2014.6825619.

423. **Guelev, D. P.**, Catalin Dima. Model-checking strategic ability and knowledge of the past of communicating coalitions. Presented at the AAMAS workshop Declarative Agent Languages and Technologies (DALT), 2008. LNAI 5397, Springer, **2008**, pp. 75-90. doi 10.1007/978-3-540-93920-7, isbn 978-3-540-93919-1.

цитирана в:

992. Kazmierczak, P., Thomas Ágotnes, Wojciech Jamroga: Multi-agency Is Coordination and (Limited) Communication. PRIMA 2014: Principles and Practice of Multi-Agent Systems - 17th International Conference, 2014. Proceedings, pp. 91--106, 2014, doi 10.1007/978-3-319-13191-7_8, LNCS 8861, Springer, isbn 978-3-319-13190-0.

424. **Илев, Н.:** On the Irreducibility of the Hilbert Scheme of Curves in P^5 , Comm. Algebra 36 (**2008**), no. 4, 1550 – 1564. ISSN 0092-7872 (Print), 1532-4125 (Online).

цитирана в:

993. Ballico, E., C. Fontanari: A Few Remarks About the Hilbert Scheme of Smooth Projective Curves, Communications in Algebra, Volume 42, Issue 9, 2014, pages 3895-3901. ISSN 0092-7872 (Print), 1532-4125 (Online)

425. **Gateva-Ivanova, T.**, S. Majid: Matched pairs approach to set theoretic solutions of the Yang-Baxter equation, J. Algebra, 319 (**2008**) 1079-1112. ISSN: 0021-8693

цитирана в:

994. Cedó, F., E. Jespers, J. Okninski: Braces and the Yang-Baxter equation, Commun. Math. Phys., 327, (2014), 101-116, ISSN: 0010-3616 (Print) 1432-0916 (Online)
995. Bachiller, D., Ferran Cedó: A family of solutions of the Yang–Baxter equation, J. Algebra, 412, (2014) 218–229, ISSN: 0021-8693
996. Dehornoy, P.: Set-theoretic solutions of the Yang-Baxter equation, RC-calculus, and Garside germs, arXiv:1403.3019 [math.GR], \textbf{2014 } 1-28.

426. **Apostolov, V.**, Calderbank, D.; Gauduchon, P.; Tønnesen-Friedman, Christina W., Hamiltonian 2-forms in Kähler geometry. III. Extremal metrics and stability. Invent. Math. 173 (**2008**), no. 3, 547–601.

цитирана в:

997. Garcia-Fernandez, Mario; Tipler, Carl Deformation of complex structures and the coupled Kähler-Yang-Mills equations. J. Lond. Math. Soc. (2) 89 (2014), no. 3, 779–796.
998. Ross, Julius; Witt Nyström, David, Analytic test configurations and geodesic rays. J. Symplectic Geom. 12 (2014), no. 1, 125–169.
999. Huang, Hongnian, Toric surfaces, \mathbb{K} -stability and Calabi flow. Math. Z. 276 (2014), no. 3-4, 953–968.

427. **Apostolov, V.**, Calderbank, David M. J.; Gauduchon, Paul; Tønnesen-Friedman, Christina W., Extremal Kähler metrics on ruled manifolds and stability. *Géométrie différentielle, physique mathématique, mathématiques et société. II. Astérisque No. 322* (2008), 93–150. ISBN: 978-285629-259-4

цитирана в:

1000. Fong, Frederick Tsz-Ho, Kähler-Ricci flow on projective bundles over Kähler-Einstein manifolds. *Trans. Amer. Math. Soc.* 366 (2014), no. 2, 563–589.

428. **Apostolov, V.**, Dloussky G., Bihermitian metrics on Hopf surfaces. *Math. Res. Lett.* 15 (2008), no. 5, 827–839.

цитирана в:

1001. Fujiki, A., Pontecorvo, M., Twistors and bi-Hermitian surfaces of non-Kähler type. *SIGMA Symmetry Integrability // Geom. Methods Appl.* 10 (2014), Paper 042, 13 pp.

429. **Davidov J., O. Mushkarov**, J.C. Diaz-Ramos, E. Garcia-Rio, Y. Matsushita, R. Vazquez-Lorenzo. Hermitian-Walker 4-Manifolds // *J. Geom. Phys.* 58, No 3 (2008), 307-323.

цитирана в:

1002. P. Gilkey, B. Lim, Projective affine Ossermann curvature models // arXiv:1403.1900v1 [math.DG] 7 Mar 2014.

430. **Davidov J., O. Mushkarov**, G. Grantcharov, *Geometry of Neutral Metrics in Dimension Four* // Proceedings of the 37th Spring Conference of the Union of Bulgarian Mathematicians, Borovets, April 2-6, 2008, pp. 37-53.

цитирана в:

1003. M. Dunajski, W. Krynski, Einstein Weyl geometry, dispersionless Hirota equation and Veronese webs // *Math. Proc. Cambridge Philos. Soc.* 157 (2014), 138-150

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

цитирана в:

1004. Bulca B., B. Bayram, K. Arslan, *Semiparallel Wintgen ideal surfaces* in C. R. Acad. Bulgare Sci., 67, no. 5, 2014, 613-622.

432. **Ganchev G.**, V. Mihova, *Kähler manifolds of quasi-constant holomorphic sectional curvature*. // *Cent. Eur. J. Math.*, 6 (2008) 1, 43-75. DOI: 10.2478/s11533-008-0004-1

цитирана в:

1005. Jelonek W., Kahler surfaces with quasi-constant holomorphic curvature, arXiv:1403.1977.

1006. Jelonek W., Semi-symmetric Kahler surfaces. arXiv:1407.1478

433. **Ganchev G.**, V. Mihova, *Warped Product Kaehler Manifolds and Bochner-Kaehler Metrics*. // *J. of Geometry and Physics*, 58 (2008), 7, 803-824. DOI: 10.1016/j.geomphys.2008.02.002

цитирана в:

1007. Jelonek W., Kahler surfaces with quasi-constant holomorphic curvature, arXiv:1403.1977.

1008. Jelonek W., Semi-symmetric Kahler surfaces. arXiv:1407.1478

434. **Kiryakova V.**, A brief story about the operators of the generalized fractional calculus // *Fract. Calc. Appl. Anal.*, 11, No 2 (2008), 203-220.

цитирана в:

1009. Choi, J., Agarwal, P., Certain integral transform and fractional integral formulas for the generalized gauss hypergeometric functions, *Abstract and Applied Analysis*, 2014, 2014, Article # 735946, ISSN 1085-3375, 1687-0409

1010. Agarwal, P., Certain properties of the generalized gauss hypergeometric functions // *Appl. Math. And Information Sciences*, 2014, 8, No 5, 2315-2320, ISSN 1935-0090

435. **Kiryakova V.**, Some special functions related to fractional calculus and fractional (non-integer) order control systems and equations // “*Facta Universitatis*” (*Sci. J. of University of Niš*), *Series: Automatic Control and Robotics*, 7, No 1 (2008), 79-98.

цитирана в:

1011. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)

436. **Kiryakova V.**, Transmutation method for solving hyper-Bessel differential equations based on the Poisson-Dimovski transformation // *Fract. Calc. Appl. Anal.*, 11 (2008), 299-316.

цитирана в:

1012. Atanackovic, T., Dolacinin, D., Pilipovic, S., Stankovic, B., Cauchy problems for some classes of linear fractional differential equations // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1039–1059, ISSN:1311-0454, 1314-2224

437. **Kovacheva R. K.** Zeros of partial sums and overconvergence // *Serdica Math. Journal*, 34, pp. 467-482, 2008. ISSN 1310-6600

цитирана в:

1013. Gal S. G. *Overconvergence in Complex Approximation*, Springer, 2014, ISBN: 978-4614-7097-7(print), 978-4614-7098-49(online)

438. **Nikolov N.** An example of a bounded C-convex domain which is not biholomorphic to a convex domain (with P. Pflug and W. Zwonek), *Math. Scand.* 102 (2008), No 1, 149-155. ISSN 1903-180.

цитирана в:

1014. Zimmer A. M., Rigidity of complex projective space, Ph. D. thesis, Ann Arbor (2014).

1015. Zimmer A. M., Analogues of the Hilbert metric in complex and quaternionic projective space, preprint (2014); math.uchicago.edu/~andrew.zimmer/hilbert.pdf.

1016. Kosinski L., The group of automorphisms of the pentablock, *Complex Anal. Oper. Theory*, DOI 10.1007/s11785-014-0422-y.

1017. Zapalowski P., Geometric properties of domains related to mu-synthesis, arXiv:1410:6352.

1018. Kiseleman C. O., Weak lineal convexity, Proceedings of the Conference on Constructive Approximation of Functions, Banach Center Publ., 2015.

439. **Nikolov N.** Estimates of the Caratheodory metric on the symmetrized polydisc (with P. Pflug, P. J. Thomas and W. Zwonek), J. Math. Anal. Appl. 341 (2008), No 1, 140-148. ISSN 0022-247X.

цитирана в:

1019. Zapalowski P., Geometric properties of domains related to mu-synthesis, arXiv:1410:6352.

440. **Markov, K., Ivanova, K., Mitov, I., & Karastanev, S.** Advance of the access methods. International Journal of Information Technologies and Knowledge, 2(2), 2008, pp. 123–135.

цитирана в:

1020. Krassimira Ivanova, “Storing Data using Natural Language Addressing”, PhD Thesis, Hasselt University, Belgium, 2014, 340 p.

441. **Гроздев, С., Ц. Байчева, П. Пиперков, К. Кирилова-Лупанова:** Зрелостен изпит. Примерни теми с решения. Математика. Абагар, В. Търново, 2008. (ISBN 978-954-427-782-6), 108 страници

цитирана в:

1021. Пашкулева, Д.: Един класически учебник по алгебра, Математика и информатика, т. 57, 1, 2014, 79–83 (ISSN 1310-2230).

442. **Гроздев, С., К. Гърв:** За системите от опорни задачи при подготовката за участие в олимпиади по информатика. Комбинаторни обекти и алгоритми, Математика и математическо образование, 37 пролетна конференция на СМБ, Боровец, 2 – 6 април, 2008. стр. 304 – 311

цитирана в:

1022. Тодорова, Е.: Рефлексията в обучението по информационни технологии, Дисертация за присъждане на образователната и научна степен “доктор”, Пловдив, 19.02.2014 г.

1023. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014).

443. **Гроздев, С.:** Методология и информационни технологии в образованието, Материали Международного кръглого стола “Современни технологии преподавания естествено-научни и гуманитарни дисциплини, София, 22 – 23 май, 2008, 17 – 22. ISBN 978-954-93-69-13-7

цитирана в:

1024. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.

444. **Гроздев, С.** и др.: Методика и информационни технологии в образованието. В: Сборник доклади “Руската наука, образование и култура в съвременния свят”. 30.09.–01.10. 2008, Стара Загора, **2008**, 27–35. (ISBN 978-954-691-065-3)

цитирана в:

1025. Бизова-Лалева, В.: Модел за решаване на един клас задачи за построение с динамичен софтуер, т. 57, 2, 2014, 188–196 (ISSN 1310-2230).

445. **Luchev, D., D. Paneva, K. Rangochev**: Use of knowledge technologies for presentation of Bulgarian folklore heritage semantics. *International Journal of Information Technology and Knowledge*, 2 (4) (**2008**), 307–313

цитирана в:

1026. **Liagkou, V.** A trustworthy architecture for managing cultural content – In: *Mathematical and Computer Modelling*, Volume 57, Issues 11–12, June 2013, 2625–2634. ISSN: 0895-7177. IF: 2.020.

446. **Dimitrova, L.** Bulgarian Digital Resources as a Base for Automatic Disambiguation. *International Journal Études Cognitives*. Vol. 8. SOW, Warsaw, **2008**. 255-271

цитирана в:

1027. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

447. **Dimitrova, L., V. Koseska-Toszewa** Some Problems in Multilingual Digital Dictionaries. *International Journal Études Cognitives*. Vol. 8. SOW, Warsaw, **2008**. 237-254

цитирана в:

1028. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

448. **Paneva-Marinova, D., L. Pavlova-Draganova, R. Pavlov, M. Sendova.** Cross-media and Ubiquitous Learning Applications on Top of Iconographic Digital Library. In the Proceedings of the 14th International Conference on Virtual Systems and Multimedia, Limassol, Cyprus, 20-25 October **2008**, 367-371

цитирана в:

1029. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

449. **Pericliev, V.** Implicational phonological universals. *Folia Linguistica* 42.1, 2008, 195-225.

цитирана в:

1030. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

450. **Rangochev, K., D. Paneva, D. Luchev.** Data and Functionality Management in a Folklore Digital Library, In the Proceedings of the International Conference - Slovo: Towards a Digital Library of South Slavic Manuscripts, 21-26 February, **2008**, Sofia, “Boian Penev” Publishing Centre, 2008, 246 – 250

цитирана в:

1031. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

451. **Paneva, D.**, L. Pavlova-Draganova, **L. Draganov**. Towards Content-sensitive Access to the Artifacts of the Bulgarian Iconography, International Journal „Information Technologies and Knowledge”, **2008**, vol. 2, № 4, 313-318.

цитирана в:

1032. Rangochev, K., M. Dimitrova, M. Goinov: Encyclopaedia Slavica Sanctorum: Further Developments. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 135 – 146. ISSN 1314-4006

452. P.Popivanov. Hypoellipticity, solvability and construction of solutions with prescribed singularities for several classes of PDE having symplectic characteristics, Rend. Sem. Univ. Pol. Torino, 66:4 (**2008**), pp. 321-337, ISSN 0373-1243

цитирана в:

1033. M. Mughetti. Regularity properties of a double characteristics differential operator with complex lower terms, Journal of ψ DO and Appl., 5:3 (2014), pp. 343-358, ISSN 1662-9981

453. Rangelov, T., Dineva, P., Gross, D. Effect of material inhomogeneity on the dynamic behaviour of cracked piezoelectric solids: A BIEM approach (**2008**) ZAMM – Z. Angew. Math. Mech. 88, 86-99.

цитирана в:

1034. H. P. Song, C. F. Gao, Interaction between a permeable crack and piezoelectric screw dislocations, line forces and line charges in a finite piezoelectric cylinder, Journal of Theoretical and Applied Mechanics, 44 (4), 51–68, 2014.

454. G.Boyadzhiev, E.Brandmayer, T.Pinat, G.F.Panza, Optimization for non – linear inverse problems, Rendiconti Lecei, vol. 19, pp 17-43, (**2008**):

цитирана в:

1035. Zhang, Z., Teng, J., Romanelli, F., (...), Sun, R., Panza, G.F. Geophysical constraints on the link between cratonization and orogeny: Evidence from the Tibetan Plateau and the North China Craton. Earth-Science Reviews, vol. 130, (2014) pp. 1-48

1036. Costanzo, M.R., Nunziata, C. Lithospheric VS models in the Campanian Plain (Italy) by integrating Rayleigh wave dispersion data from noise cross-correlation functions and earthquake recordings. Physics of the Earth and Planetary Interiors, vol. 234 (2014), pp. 46-59

2009

455. **Drensky, V.**, J.-T. Yu, Automorphisms of polynomial algebras and Dirichlet series, J. Algebra 321 (**2009**) 292-302. ISSN 0021-8693.

цитирана в:

1037. Berson, J.: Linearized polynomial maps over finite fields, *J. Algebra* 399 (2014), 389-406. ISSN 0021-8693.
1038. Maubach, S., R. Willems: Keller maps of low degree over finite fields, *Automorphisms in Birational and Affine Geometry, Springer Proceedings in Mathematics & Statistics* 79, 2014, 477-493. ISBN 978-3-319-05680-7, 978-3-319-05681-4

456. **Yanev, G.P.** and Ahsanullah, M. (2009). On characterizations based on regression of linear combinations of records, *Sankhya: The Indian Journal of Statistics*, Vol. 71-A, Part 1, 109-121.

цитирана в:

1039. Nadarajah, S., Teimouri, M., Shih, S.H. Characterizations of the Weibull and uniform distributions using record values, *Brazilian J. Probability and Statistics*, 28(2014), 2:209-222.

457. Cassill, D.L., S. Brown, D. Swick, and **G. Yanev** (2009). Polyphasic wake/sleep episodes in the fire ant, *Solenopsis invicta*, *J. Insect Behavior*, 22, 4:313-323.

цитирана в:

1040. Seugnet. L. How does the Drosophila model contribute to the study of the sleep/wake cycle and its disorders? *Médecine du Sommeil*. Available online 23 June 2014, DOI: 10.1016/j.msom.2014.04.002.

458. KV Mitov, **NM Yanev**. *Branching Stochastic Processes: Regulation, Regeneration, Estimation, Applications*. Pliska Studia Mathematica Bulgarica, 2009.

цитирана в:

1041. D Schuhmacher, A Sturm, H Zähle On qualitative robustness of the Lotka-Nagaev estimator for the offspring mean of a supercritical Galton--Watson process. - arXiv preprint arXiv: 1409.4274, 2014 - arxiv.org.

459. AY Yakovlev, **NM Yanev**. Relative frequencies in multitype branching processes. *The Annals of Applied Probability*, 2009 – JSTOR

цитирана в:

1042. DQ Jiang, Y Wang, D Zhou - arXiv preprint arXiv:1410.5548, 2014 - arxiv.org. Cell Population Dynamics: Its Relationship with Finite State Markov Chain and its Asymptotic Behavior.

460. **Savov, M.** (2009) Small time two-sided LIL behavior for Levy processes at zero, *Probab. Theory and Related Fields* 144, No.1-2, 79--98, IF: 1.39.

цитирана в:

1043. Knopova, V. and Schilling, R. (2014) On the small-time behaviour of Levy type processes, *Stochastic Process. Appl.*, 124, No. 6, 2249--2265, IF: 1.01.

461. Moon Ho Lee, **Borissov, Y.L.** On jacket transforms over finite fields, *Information Theory, ISIT 2009. IEEE International Symposium on Information Theory*, 2009, 2803-2807.

цитирана в:

1044. Daniel E. Lucani, Morten V. Pedersen, Janus Heide, Frank H. P. Fitzek, Fulcrum Network Codes: A Code for Fluid Allocation of Complexity, arXiv:1404.6620.

462. **Borissov, Y.L.**, On the Cusick-Cheon Conjecture About Balanced Boolean Functions in the Cosets of the Binary Reed-Muller Code, IEEE Trans. Information Theory, vol. 55, issue 3, **2009**, 16-19.

цитирана в:

1045. WeiXia Li, Hao Shen, Weight distribution of Preparata codes over Z_4 and the construction of 3-designs, Science China Mathematics, June 2014, Volume 57, Issue 6, pp. 1155-1162.

463. **Bouyukliev, I.**, V Fack, J Winne 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. *Designs, Codes and Cryptography* 51 (2), **2009**, 105-122.

цитирана в:

1046. Martinjak, Ivica. Hadamard Structures with Associated Automorphisms. arXiv preprint arXiv:1405.4157 (2014).

464. **Bouyukliev, I.**, About Algorithms for Isomorphism-Free Generations of Combinatorial Objecys, *Mathematics and Education in Mathematics*, **2009**, 51-60.(in bulgarian)

цитирана в:

1047. Yordzhev, On an Algorithm for Isomorphism-Free Generations of Combinatorial Objects. International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Vol. 2, No. 6 (2013) 215-220

465. Ewing, R., **Iliev, O.**, Lazarov, R., Rybak, I., Willems, J., A simplified method for upscaling composite materials with high contrast of the conductivity, SIAM Journal on Scientific Computing, 31 (4), (**2009**), pp. 2568-2586.

цитирана в:

1048. Calo, V.M., Efendiev, Y., Galvis, J., Asymptotic expansions for high-contrast elliptic equations, *Mathematical Models and Methods in Applied Sciences*, 24 (3), (2014) pp. 465-494.

466. **Popova, E. D.**, Explicit Characterization of a Class of Parametric Solution Sets, *Comptes rendus de l'Academie Bulgare des Sciences* 62(10): **2009**, 1207-1216.

цитирана в:

1049. Hladik, M., Interval linear algebra, Habilitation Thesys, Charles University, Prague, 2014.

467. **Anguelov, R.**; Lubuma, J. M. S.; Shillor, M., Dynamically consistent nonstandard finite difference schemes for continuous dynamical systems *Discrete Contin. Dyn. Syst. Volume:61* (**2009**), pp.34-43.

цитирана в:

1050. Macias-Diaz, J. E.; Szafranska, Anna, Existence and uniqueness of monotone and bounded solutions for afinite-difference discretization a la Mickens of the generalized Burgers-Huxley equation, *JOURNAL OF DIFFERENCE*

EQUATIONS AND APPLICATIONS Volume: 20 Issue: 7(2014) pp. 989-1004

468. **Dimitrova, N.:** Local Bifurcations in a Nonlinear Model of a Bioreactor, *Serdica Journal of Computing* 3, 2, **2009**, 107–132 ISSN 1314-7897 Online, ISSN 1312-6555 Print

цитирана в:

1051. A.Rincón, J. Villa, F. Angulo, G. Olivar: A Dynamic Analysis for an Anaerobic Digester: Stability and Bifurcation Branches. *Mathematical Problems in Engineering* 2014, Article ID 514797, 14 pages, <http://dx.doi.org/10.1155/2014/514797>

469. **Drensky, V., L. Makar-Limanov:** The Conjecture of Nowicki on Weitzenböck derivations of polynomial algebras, *J. Algebra and Its Applications* 8 (2009), No. 1, 41-51. ISSN 0219-4988.

цитирана в:

1052. Wehlau, D. L.: Weitzenböck derivations of nilpotency 3, *Forum Mathematicum* 26 (2014), 577-591. ISSN 0933-7741, 1435-5337.

470. **Dimovski I. H.,** Nonlocal boundary value problems.// : *Mathematics and Math. Education (Proc. 38 Spring Conf. UBM)* (2009), pp. 31–40.

цитирана в:

1053. Tsankov, Y.T., Exact solution of local and nonlocal BVPs for the Laplace equation in a rectangle, *Lecture Notes in Comput. Sci.*, 2014, # 8372, Berlin, Heidelberg, Springer, 190-200.
1054. Tsankov, Y.T., A theorem of uniqueness of the solution of nonlocal evolution boundary value problem, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 945–953, ISSN 1311-0454, 1314-2224

471. **Nikolov N.** Lipschitzness of the Lempert and Green functions (with P. Pflug and P. J. Thomas), *Proc. Amer. Math. Soc.* 137 (2009), No 6, 2027-2036. ISSN 0002-9939(print) 1088-6826(online).

цитирана в:

1055. Herbort G., The pluricomplex Green function on some regular pseudoconvex domains, *Ann. Polon. Math.* 110 (2014), 209-226.

472. **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 в:

1056. Hwang Ho Kim, Jin Young Choi, Pattern generation for multi-class LAD using iterative genetic algorithm with flexible chromosomes and multiple populations, *Expert Systems with Applications*, Volume 42, Issue 2, 1 February 2015, Pages 833-843, ISSN 0957-4174, <http://dx.doi.org/10.1016/j.eswa.2014.08.050> , @2014

473. **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 в:

1057. Hafiz, M., Solving Nonlinear Equations Using Steffensen-Type Methods With Optimal Order of Convergence, *Palestine Journal of Mathematics*, Vol. 3 (1) (2014), 113–119, ISSN 2219-5688, @2014
1058. Lotfi, T., K. Mahdiani, P. Bakhtiari, F. Soleymani, Constructing two-step iterative methods with and without memory, *Computational Mathematics and Mathematical Physics*, 55 (2), 2015, ISSN: 0965-5425, IF: 0.408, @2014

474. **Ivanova Kr., P. Stanchev.** Color Harmonies and Contrasts Search in Art Image Collections. *Proceedings of the 2009 First International Conference on Advances in Multimedia*, 2009, DOI:10.1109/MMEDIA.2009.41, 180 - 187

цитирана в:

1059. Thomas Mensink and Jan van Gemert. 2014. The Rijksmuseum Challenge: Museum-Centered Visual Recognition. In *Proceedings of International Conference on Multimedia Retrieval (ICMR '14)*. ACM, New York, NY, USA, , Pages 451 , 4 pages. DOI=10.1145/2578726.2578791 <http://doi.acm.org/10.1145/2578726.2578791>, @2014

475. 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 в:

1060. Morales, Sandra; Naranjo, Valery; Angulo, Jesus; Lopez-Mir, Fernando; Alcaniz, Mariano, "Determination of retinal network skeleton through mathematical morphology," *Signal Processing Conference (EUSIPCO), 2014 Proceedings of the 22nd European* , vol., no., pp.1691,1695, 1-5 Sept. 2014, @2014
1061. Sandra Morales, Valery Naranjo, and Mariano Alcañiz (2014) Automatic Detection of Retinal Structures Based on Mathematical Morphology. *Frontiers of Medical Imaging*: pp. 211-232, @2014

476. **Гроздев, С., С. Дойчев:** Математическите игри като средство за откриване на математически таланти, *Математика и математическо образование*, Сборник доклади на 38 пролетна конференция на СМБ, Боровец, 1 – 5 април 2009, стр. 237 – 244.

цитирана в:

1062. Крушков, Х., А. Рахнев, М. Крушкова: Обучение в стил Edutainment с използване на компютърна графика, *Математика и информатика*, т. 57, 4, 2014, 364 – 383 (ISSN 1310-2230).
1063. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014).

477. Ganchev, I., **S. Grozdev:** On Two Fundamental Approaches to the Development of Scientific Knowledge and their Execution in Didactics of Mathematics, *Proceedings of the 6th Mediterranean Conference on Mathematics Education “MEDCONF 2009”*, Plovdiv, 22-26

April, 2009, 17 – 27.

цитирана в:

1064. Петров, Ф.: Организационен модел за приложение на интерактивни методи в обучението по линейна алгебра (дисертация за присъждане на образователната и научна степен „доктор“), ЮЗУ „Н. Рилски“, Благоевград, 2014. (дата на защита 11 юли 2014 г.)

478. Gyudzhenov, I., I. Ganchev, **S. Grozdev**: Logical Statue and Practical and Psychological Roots of Some Mathematical Activities, Proceedings MASSEE International Congress on Mathematics, MICOM 2009, 16 – 20 September 2009, Ohrid, Republic of Macedonia. Skopje: Macedonian Mathematical Society, 2013, 104 – 113. (ISBN 978-9989-646-40-9)

цитирана в:

1065. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.

479. **Grozdev, S.**: A Mathematical Model of a Learning Process. В: Сборник доклади (том I) на Втора национална научна конференция с международно участие “Качеството на висшето образование в България – проблеми и перспективи”, 3 – 4 декември 2009 г., Русе, РУ “Ангел Кънчев”, ISSN 13-14-0051, 139 – 144.

цитирана в:

1066. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.

480. **Bontchev, B.**, Vassileva, D. Courseware Authoring for Adaptive E-learning, IEEE Proc. of Int. Conf. on Education Technology and Computer (ICETC'2009), 17 - 20, April, 2009, Singapore, Published by IEEE Computer Society Press, Vol. 16, 2009, 176–180. ISBN 978-0-7695-3609-5

цитирана в:

1067. Pantho, O., & Tiantong, M. Conceptual Framework of a Synthesized Adaptive e-Learning and e-Mentoring System Using VARK Learning Styles with Data Mining Methodology, International Journal of Computer Theory and Engineering, ISSN: 1793-8201, Vol. 7, No. 4, August 2014, 316-319.

481. Berberova, D., **Bontchev, B.** Design of Service Level Agreements for Software Services, Proc. of Int. Conf. on Computer Systems and Technologies (CompSysTech' 09), 18-19, June, 2009, Ruse, Bulgaria, 2009, 277-282. ACMBUL, ISSN: 1313-8936

цитирана в:

1068. El Kateb, D., Fouquet, F., Nain, G., Meira, J. A., Ackerman, M., & Le Traon, Y. (2014). Generic Cloud Platform Multi-objective Optimization Leveraging Models@ run. Time, 29th Annual ACM Symposium on Applied Computing, SAC 2014, 24-28 Mar 2014, Gyeongju, Korea, ACM. ISBN 978-1-4503-2469-4, <http://hdl.handle.net/10993/15701>

482. **Dimitrova, L.**, Koseska, V. Bulgarian-Polish Corpus. In: Cognitive Studies|Études Cognitives, vol. 9, SOW, Warsaw, **2009**, 133-141. ISSN: 2080-7147, IF [ERIH nat]

цитирана в:

1069. Kisiel, A., J. Satoła-Staśkowiak, W. Sosnowski. The Need for an Electronic Multilingual Dictionary. In: Cognitive Studies|Études Cognitives, vol. 14, SOW Publishing House, Warsaw, 2014, 55-64. DOI: 10.11649/cs.2014.006; <https://ispan.waw.pl>
1070. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

483. **Dimitrova, L.** From Electronic Corpora to Online Dictionaries (on the example of Bulgarian Language Resources). J. Levická, R. Garabík (Eds), 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 в:

1071. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

484. **Dimitrova, L.**, Garabík, R., Majchráková, D. Comparing Bulgarian and Slovak Multext-East morphology tagset. Shyrov, Dimitrova (Eds. 2009), Organization and Development of Digital Lexical Resources. Proceedings of the MONDILEX Second Open Workshop, Kiev, 2 – 4 February, **2009**, 38-46.

цитирана в:

1072. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

485. **Dimitrova, L.**, Koseska, V., Roszko, D., Roszko, R. Bulgarian-Polish-Lithuanian Corpus – Current Development. Proceedings of the International Workshop “Multilingual resources, technologies and evaluation for Central and Eastern European languages” within International Conference RANPL'2009. Borovce, Bulgaria, 17 September **2009**. 1-8

цитирана в:

1073. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

486. **Dimitrova, L.**, Koseska, V., Roszko, D., Roszko, R. Bulgarian-Polish-Lithuanian Corpus – Problems of Development and Annotation. T. Erjavec (Ed. 2009), Research Infrastructure for Digital Lexicography. Proceedings of the MONDILEX Fifth Open Workshop within International Conference Information Society – IS 2009, 14 – 15 October, **2009**, Ljubljana, 72-86

цитирана в:

1074. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

487. **Dimitrova, L.**, Koseska–Toszewa, V., Derzhanski, I., Roszko, R. Annotation of Parallel Corpora (on the Example of the Bulgarian – Polish Parallel Corpus). Shyrov, Dimitrova (Eds. 2009), Organisation and Development of Digital Lexical Resources. Proceedings of the MONDILEX Second Open Workshop, Kiev, 2 – 4 February, **2009**, 47-54

цитирана в:

1075. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

488. **Dimitrova, L.**, Koseska-Toszewa, V., Satoła-Staškowiak, J. Towards a Unification of the Classifiers in Dictionary Entry. Garabík (Ed. 2009), Metalanguage and Encoding Scheme Design for Digital Lexicography. Proceedings of the MONDILEX Third Open Workshop, 15 – 16 April, **2009**, Bratislava, 48-58

цитирана в:

1076. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

489. **Dimitrova, L.**, M. Šimková, R. Garabík, Design of a multilingual terminology database prototype. Koseska, Dimitrova, Roszko (Eds. 2009), Representing Semantics in Digital Lexicography. Proceedings of the MONDILEX Fourth Open Workshop, 29 June – 1 July, **2009**, Warsaw, SOW, 123-127

цитирана в:

1077. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

490. **Dimitrova, L.**, R. Panova, **R. Dutsova**. Lexical Database of the Experimental Bulgarian-Polish online Dictionary. Garabík (Ed. 2009), Metalanguage and Encoding scheme Design for Digital Lexicography. Proceedings of the MONDILEX Third Open Workshop, 15 – 16 April, **2009**, Bratislava, 36-47

цитирана в:

1078. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

491. **Dimitrova, L.**, Rashkov, P. A New Version for Bulgarian MUL-TEXT-East Morphosyntactic Specifications for Some Verbal Forms. Shyrov, Dimitrova (Eds. 2009), Organization and Development of Digital Lexical Resources. Proceedings of the MONDILEX Second Open Workshop, Kiev, 2 – 4 February, **2009**, 30-37

цитирана в:

1079. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

492. **Dimitrova, L.**, V. Koseska, **R. Dutsova**, R. Panova. Bulgarian-Polish online Dictionary – Design and Development. Koseska, Dimitrova, Roszko (Eds. 2009), Representing Semantics in Digital Lexicography. Proceedings of the MONDILEX Fourth Open Workshop, 29 June – 1 July, Warsaw, **2009**

цитирана в:

1080. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

493. **Dimitrova, L., V. Koseska.** Classifiers and Digital Dictionaries. In-ternational Journal Cognitive Studies/Études Cognitives. Vol. 9, SOW, Warsaw, **2009**. 117-131

цитирана в:

1081. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

494. **Paneva-Marinova D., L. Pavlova-Draganova, L. Draganov, R. Pavlov, M. Sendova** (2009). 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**, 37-46

цитирана в:

1082. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

495. **Лучев, Д., Д. Панева, К. Рангочев.** Подходи за използване на технологиите на семантичния уеб за представяне на семантиката на обекти и колекции от българското фолклорно наследство. В: Годишник на РИМ-Сливен том II Българските музеи в условията на членство на страната в Европейския съюз. Сливен, **2009**, 271-281

цитирана в:

1083. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

496. Agranovich, G., Litsyn, E., Slavova, A., Impulsive control of a hysteresis cellular neural network model, *Nonlinear Analysis: Hybrid Systems*, 3 (1), pp. 65-73, **2009**, doi: 10.1016/j.nahs.2008.10.006

цитирана в:

1084. Javidmanesh, E., Afsharnezhad, Z., Effati, S., Bifurcation analysis of a cellular nonlinear network model via neural network approach, *Neural Computing and Applications*, 24 (5), pp. 1147-1152, 2014

497. Rangelov, T. & Dineva, P. Wave propagation in the anisotropic inhomogeneous half-plane. In: Coupled site and soil-structure interaction effects with application to seismic risk mitigation, Springer edition, ISBN 978-90-481-2, Ed: T. Schanz, R. Iankov, pp. 43-52, **2009**.

цитирана в:

1085. Г. П. Василев, Отчитане на взаимодействието почва – фундамент – конструкция върху динамичното и сеизмичното поведение на сгради и съоръжения, Дисертация за НОС “Доктор”, УАСГ, 2014.

498. Lubomir Gavrilov, Pliya D. Iliev, Quadratic perturbations of quadratic codimension-four centers, *J. Math. Anal. Appl.* 357 (2009), no. 1, 69--76.

цитирана в:

1086. Yanyan Chen, Yulin Zhao, The cyclicity of quadratic reversible system with a center of genus one and non-Morsean point, *Appl. Math. & Comput.* 231 (2014), 268--275.

1087. Linping Peng, Zhaosheng Feng, Bifurcation of limit cycles from quartic isochronous systems, *Electr. J. Differential Equations* 2014 (2014), no. 95, 1--14.

1088. Linping Peng, Zhaosheng Feng, Changjian Liu, Quadratic perturbations of a quadratic reversible Lotka-Volterra system with two centers, *Discr. Contin. Dynam. Syst.* 34 (2014), no. 11, 4807--4826.
1089. Wu Kuilin, Shao Yi, Quadratic perturbations of a quadratic reversible Lotka-Volterra system of genus one with two centers, *Acta Math. Scientia (Ser. A)* 31 (2014), no. 5, 1275--1286. [Chinese]

499. Sebastien Gautier, Lubomir Gavrilov, Iliya D. Iliev, Perturbations of quadratic centers of genus one, *Discr. Contin. Dynam. Syst. A* 25 (2009), no. 2, 511--535.

цитирана в:

1090. Yanyan Chen, Yulin Zhao, The cyclicity of quadratic reversible system with a center of genus one and non-Morsean point, *Appl. Math. & Comput.* 231 (2014), 268--275.
1091. Linping Peng, You Li, On the limit cycles bifurcating from a quadratic reversible center of genus one, *Mediterr. J. Math.* 11 (2014), 373--392, doi: 10.1007/s00009-013-0325-6.
1092. Kuilin Wu, Haihua Liang, Limit cycles bifurcating from a quadratic reversible Lotka-Volterra system with a center and three saddles, *Chinese Ann. Math. B* 35 (2014), no. 1, 25--32.
1093. Yi Shao, Kuilin Wu, Bifurcation of limit cycles for cubic reversible systems, *Electr. J. Differential Equations* 2014 (2014), no. 96, 1--10.
1094. Linping Peng, Zhaosheng Feng, Bifurcation of limit cycles from quartic isochronous systems, *Electr. J. Differential Equations* 2014 (2014), no. 95, 1--14.
1095. Linping Peng, Zhaosheng Feng, Changjian Liu, Quadratic perturbations of a quadratic reversible Lotka-Volterra system with two centers, *Discr. Contin. Dynam. Syst.* 34 (2014), no. 11, 4807--4826.
1096. P. De Maesschalck, S. Rebollo-Perdomo, J. Torregrosa, Cyclicity of a fake saddle inside the quadratic vector fields, *J. Differential Equations* [to appear], Published online 16 Oct 2014.
1097. Wu Kuilin, Shao Yi, Quadratic perturbations of a quadratic reversible Lotka-Volterra system of genus one with two centers, *Acta Math. Scientia (Ser. A)* 31 (2014), no. 5, 1275--1286. [Chinese]

500. G. Todorova, B. Yordanov, Weighted L^2 -estimates of dissipative wave equations with variable coefficients, *J. Differential Equations* 246 (2009), no. 12, 4497--4518.

цитирана в:

1098. JL Horbach, N Nakabayashi, Energy decay for elastic wave equations with critical damping, *Electronic Journal of Differential Equations*, Vol. 2014 (2014), No. 127, pp. 1-12.
1099. L Lu, S Li, Higher order energy decay for damped wave equations with variable coefficients, *Journal of Mathematical Analysis and Applications*, Volume 418, Issue 1, 1 October 2014, Pages 64--78
1100. T Watanabe, Global existence and decay estimates for the nonlinear wave equations with space-time dependent dissipative term, arXiv, 2014
1101. Y Wakasugi, On the diffusive structure for the damped wave equation with variable coefficients, PhD thesis, 2014

501. Baker, Erich J., Jeremy J. Jay, Vivek M. Philip, Yun Zhang, Zuopan Li, Roumyana Kirova, Michael A. Langston, and Elissa J. Chesler. "Ontological discovery environment: A system for integrating gene–phenotype associations." *Genomics* 94, no. 6 (2009): 377-387.

цитирана в:

1102. Yonemaru, Jun-ichi, et al. "Genomic regions involved in yield potential detected by genome-wide association analysis in Japanese high-yielding rice cultivars." *BMC Genomics* 15.1 (2014): 346., De-Yong, et al. "The Netrin-1 receptor DCC is a regulator of maladaptive responses to chronic morphine administration." *BMC genomics* 15.1 (2014): 345.

502. J. Chaparova, N. Kutev, Positive solutions of the generalized Emden-Fowler equation in Holder spaces, *J. Math. Anal. Appl.*, 352, (2009), 65-76.

цитирана в:

1103. U. KAUFMANN and I. MEDRI, Strictly positive solutions for one-dimensional nonlinear problems involving the p-laplacian, *Bulletin of the Australian Mathematical Society*, Volume 89 / Issue 02 / April 2014, pp 243-251
1104. U. KAUFMANN and I. MEDRI, Strictly positive solutions for one-dimensional nonlinear elliptic problems, *Electronic Journal of Diferential Equations*, Vol. 2014 (2014), No. 126, pp. 1-13, ISSN: 1072-6691. URL: <http://ejde.math.txstate.edu> or <http://ejde.math.unt.edu> ftp ejde.math.txstate.edu

2010

503. Doney, R. and **Savov, M. (2010)** The asymptotic behaviour of densities related to the supremum of a stable process, *Ann. of Probab.* 38, No.1, 316—326, IF: 1.47.

цитирана в:

1105. Hintze, R. and Pavlyukevich, I. (2014) Small noise asymptotics and first passage times of integrated Ornstein–Uhlenbeck processes driven by alpha-stable Levy processes, *Bernoulli*, 20, No. 1, 265--281, IF: 0.94.

504. **Minchev Z., V. Shalamanov**, Scenario Generation and Assessment Framework Solution in Support of the Comprehensive Approach, In *Proceedings of SAS-081 Symposium on “Analytical Support to Defence Transformation”*, RTO-MP-SAS-081, Sofia, Boyana, April 26 – 28, 22-1 – 22-16, **2010**, ISBN 978-92-837-0116-3.

цитирана в:

1106. Любен Боянов, Съвременното дигитално общество, ИК Лик, 162 стр., София, 2014, ISBN 954607819-0.

505. **Minchev Z., M. Petkova**. Information Processes and Threats in Social Networks: A Case Study. In *Conjoint Scientific Seminar "Modelling and Control of Information Processes"*, Organized by College of Telecommunications, Institute of ICT - Bulgarian Academy of Sciences and Institute of Mathematics and Informatics - Bulgarian Academy of Sciences, Sofia, Bulgaria, November, **2010**, 85-93, ISSN 1314-2771

цитирана в:

1107. Любен Боянов, Съвременното дигитално общество, ИК Лик, 162 стр., София, 2014, ISBN 954607819-0.

506. Doering, L. and **Savov, M. (2010)** Application of renewal theorems to exponential moments of local times, Electron. Comm. in Probab. 38, No.15, 263--269, IF: 0.56.

цитирана в:

1108. Carmona, P. and Hu, Y. (2014) The spread of a catalytic branching random walk, Ann. Inst. H. Poincaré Probab. Statist. 50, No. 2, 327--351, IF: 0.90.

507. Bertoin, J. and **Savov, M. (2010)** Some applications of duality for Levy processes in a half-line, Bull. of London Math. Soc. 43, 97--111, IF: 0.63.

цитирана в:

1109. Burdzy, K. and Scheutzow, M. (2014) Forward Brownian motion, Probab. Theory and Related Fields, 160, No.1-2, 95--126, ISSN: 0178-8051, DOI: 10.1007/s00440-013-0524-x, IF: 1.53.

508. AY Yakovlev, **NM Yanev**. Limiting Distributions for Multitype Branching Processes. Stochastic analysis and applications, **2010** - Taylor & Francis.

цитирана в:

1110. DQ Jiang, Y Wang, D Zhou . Cell Population Dynamics: Its Relationship with Finite State Markov Chain and its Asymptotic Behavior. - arXiv preprint arXiv:1410.5548, 2014 - arxiv.org.

509. **Guelev, D.P.**, DANG Van Hung: Reasoning about QoS contracts in the Probabilistic Duration Calculus. ETAPS workshop Formal Foundations of Embedded Software and Component-Based Software Architectures (FESCA), 2008. Electronic Notes in Theoretical Computer Science, volume 238, issue 6, pp. 41-62, **2010**. ISSN: 1571-0661

цитирана в:

1111. Diciolla, Marco: Quantitative Verification of Real-Time Properties with Application to Medical Devices, Trinity College. A Thesis submitted for the degree of Doctor of Philosophy in Computer Science, Oxford, 2014, URL: <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.618491>?

1112. ZHU Wei-jun, QIAO Peng-zhe, ZHOU Qing-lei, ZHANG Hai-bin: Model Checking Real-Time Systems within Unified Approach of Timed Interval Temporal Logic. Journal of University of Electronic Science and Technology of China. Vol.43 No.5, pp 712-716, doi:10.3969/j.issn.1001-0548.2014.05.014, ISSN 1001-0548 .

510. **Богданова, Г.:** Дигитален архив „Българско фолклорно наследство“: програмно осигуряване и защита на данни, сп. Български фолклор - Фолклорно наследство и дигитален архив, кн. 3-4, **2010**, 30-40. ISSN 0323-9861

цитирана в:

1113. Лилия Р. Павлова, дисертация за присъждане на образователна и научна степен „доктор“, ИМИ, БАН, София, 2014.

511. **Bouyukliev, I.**, T Georgieva-Trifonova, Development of a personal bibliographic information system, *The Electronic Library*, 31 (2), **2010**, 144-156

цитирана в:

1114. Ma, Kun, and Lei Zhang. Bookmarklet–triggered unified literature sharing services in the cloud., *International Journal of Grid and Utility Computing* 5.4 (2014): 217-226.

512. **Kostadinov H.**, Morita H., Iijima N., Han Vinck A.J., **Manev N.**, Soft Decoding of Integer Codes and Their Application to Coded Modulation, *IEICE Trans. on Fundamentals*, E39A, 1363-1370, June **2010**

цитирана в:

1115. Flaut C., Codes over a subset of Octonion Integers, arXiv: 1401.7828v1, Jan. 2014

513. Moon Ho Lee, **Borissov Y.L.**, **Dodunekov S.M.**, Class of jacket matrices over finite characteristic fields, *Electronics Letters*, Volume 46, Issue 13, 24 June **2010**, 916 – 918.

цитирана в:

1116. MH Lee, F Szöllösi, Hadamard matrices modulo 5, *Journal of Combinatorial Designs*, 2014, Wiley Online Library.

514. Dima, C. , Constantin Enea, **Dimitar Guelev**. Model-Checking an Alternating-time Temporal Logic with Knowledge, Imperfect Information, Perfect Recall and Communicating Coalitions. Proceedings of the First Symposium on Games, Automata, Logic, and Formal Verification (GandALF 2010), *Electronic Proceedings in Theoretical Computer Science (EPTCS)* volume 25, pp 103-117, **2010**. ISSN: 2075-2180.

цитирана в:

1117. Bulling, N., Wojciech Jamroga: Comparing variants of strategic ability: how uncertainty and memory influence general properties of games. *Autonomous Agents and Multi-Agent Systems*, v. 28, issue 3, pp. 474--518, 2014, doi 10.1007/s10458-013-9231-3. ISSN: 1387-2532 (Print) 1573-7454 (Online).
1118. Busard, S., Charles Pecheur, Hongyang Qu, Franco Raimondi: Improving the Model Checking of Strategies under Partial Observability and Fairness Constraints. *Formal Methods and Software Engineering - 16th International Conference on Formal Engineering Methods, {ICFEM} 2014, Luxembourg, 2014. Proceedings*, pp. 27--42, 2014, doi 10.1007/978-3-319-11737-9_3, isbn 978-3-319-11736-2, LNCS 8829, Springer.
1119. Maubert, B., Sophie Pinchinat: A General Notion of Uniform Strategies, *International Game Theory Review*, v. 16, issue 1, 2014, 33 p., Print ISSN: 0219-1989, Online ISSN: 1793-6675, doi 10.1142/S0219198914400040.
1120. Aucher, G.: Supervisory control theory in epistemic temporal logic. *International conference on Autonomous Agents and Multi-Agent Systems, {AAMAS} '14*, pp. 333--340, 2014, IFAAMAS/ACM, isbn 978-1-4503-2738-1.
1121. Maubert, B.: Fondations logiques des jeux à information imparfaite: stratégies uniformes. Thèse pour le grade de Docteur de l'Université de Rennes, Mention : Informatique, École doctorale Matisse, IRISA – UMR6074, Institut de Recherche en Informatique et Systèmes Aléatoires,

Janvier 2014. URL: <https://ecm.univ-rennes1.fr/nuxeo/site/esupversions/8a2c0577-4b8d-48d9-95de-900bcee9cb03>

1122. Kazmierczak, P., Thomas Ågotnes, Wojciech Jamroga: Multi-agency Is Coordination and (Limited) Communication. PRIMA 2014: Principles and Practice of Multi-Agent Systems - 17th International Conference, 2014. Proceedings, pp. 91--106, 2014, doi 10.1007/978-3-319-13191-7_8, LNCS 8861, Springer, isbn 978-3-319-13190-0.

515. **Dimovski I. H.**, M. Spiridonova, Operational calculus approach to nonlocal Cauchy problems // *Math. Comput. Sci.*, 4 (2010), pp. 243–258.

цитирана в:

1123. Yulian Tsankov, A theorem of uniqueness of the solution of nonlocal evolution boundary value problem // *Fract. Calc. Appl. Anal.*, Vol. 17, No 4 (2014), pp. 945–953; DOI:10.2478/s13540-014-0208-y

516. **Kiryakova V.**, The multi-index Mittag-Leffler functions as important class of special functions of fractional calculus, *Computers and Mathematics with Applications*, 59, No 5 (2010), 1885-1895.

цитирана в:

1124. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)
1125. Paneva-Konovska, J., Convergence of series in three parametric Mittag-Leffler functions, *Mathematica Slovaca*, 2014, 64, No 1, 72-84, ISSN 0139-0018
1126. Tomovski, Z., Garra, R., Analytic solutions of fractional integro-differential equations of Volterra type with variable coefficients, *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 38-60, ISSN 1311-0454, 1314-2224
1127. Garra, R., Orsingher, E., Random flights governed by Klein-Gordon-type partial differential equations, *Stochastic processes and Their Applications*, 2014, 124, No 5, 2171-2187, ISSN 0304-4149
1128. Capelas de Oliveira, E., Mainardi, F., Jayme Vaz Jr., Fractional models of anomalous relaxation based on the Kilbas and Saigo function, *Meccanica (Special Issue)*, 2014, 49, 2049-2060; ISSN 0025-6455, 1572-9648, DOI 10.1007/s11012-014-9930-0

517. **Dimitrova, N. S, Krastanov M. I.**: Nonlinear adaptive control of a model of an uncertain fermentation process, *International Journal of Robust and Nonlinear Control* 20 (9), 2010, 1001–1009.

цитирана в:

1129. D. Gaida, Dynamic real-time substrate feed optimization of anaerobic co-digestion plants, Leiden University Repository, <https://openaccess.leidenuniv.nl/handle/1887/29085>, 2014.

518. **Draganov, B. R. , K.G. Ivanov**, A Characterization of Weighted Approximations by the Post-Widder and the Gamma Operators (II). *J. Approx. Theory* 162, **2010**, 1805-1851.

цитирана в:

1130. Didem Aydin, Ali Aral, Gülen Başcanbaz-Tunca: A Generalization of Post-Widder Operators Based on q -Integers. *Annals of the Alexandru Ioan Cuza University - Mathematics*, DOI: 10.2478/aicu-2014-0012.

519. Dahmen, Wolfgang; Dekel, Shai; **Petrushev, Pencho**, Two-level-split decomposition of anisotropic Besov spaces. *Constr. Approx.* 31 no. 2, (**2010**), 149–194.

цитирана в:

1131. Dörfler, Monika; Romero, José Luis, Frames adapted to a phase-space cover. *Constr. Approx.* 39 no. 3, (2014), 445–484

520. Karamanov A., **Georgieva I.**, Pascova R., Avramov I. Pore formation in glass-ceramics: Influence of the stress energy distribution, *Journal of Non-Crystalline Solids*, 356 (2), (**2010**), pp. 117-119.

цитирана в:

1132. A continuum thermo-inelastic model for damage and healing in self-healing glass materials, Xu, W., Sun, X., Koepfel, B.J., Zbib, H.M. *International Journal of Plasticity*, volume 62, issue , year 2014, pp. 1 – 16.

521. Kerkyacharian, Gérard; Kyriazis, George; Le Pennec, Erwan; **Petrushev, Pencho**; Picard, Dominique, Inversion of noisy Radon transform by SVD based needles. *Appl. Comput. Harmon. Anal.* 28 no. 1, (**2010**), 24–45.

цитирана в:

1133. Bissantz, Nicolai; Holzmann, Hajo; Proksch, Katharina, Confidence regions for images observed under the Radon transform. *J. Multivariate Anal.* 128 (2014), 86–107.

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

цитирана в:

1134. Петкова, М., Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременно апроксимиране на нули на полином, Дисертационен труд за присъждане на образователната и научна степен “доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014

1135. Noraini Jamaludin, Mansor Monsi, Hasruddin Hassan, ON THE CONVERGENCE RATE OF MODIFIED INTERVAL SYMMETRIC SINGLE-STEP PROCEDURE ISS2-5D FOR THE SIMULTANEOUS INCLUSION OF POLYNOMIAL ZEROS, *SAINS MALAYSIANA*, 43 (7), 2014, 1101-1104

1136. Proinov, P., M. Petkova, Convergence of the two-point Weierstrass root-finding method, *Japan Journal of Industrial and Applied Mathematics*, 31 (2), 2014, 279-292

1137. Чолаков, С., Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми, Дисертационен труд за присъждане на образователната и научна степен “ доктор“, Пловдивски Университет “Паисий Хилендарски”, Пловдив, 2014
1138. F. Toutounian, H. Nasabzadeh, A NEW METHOD BASED ON GENERALIZED TAYLOR EXPANSION FOR COMPUTING A SERIES SOLUTION OF THE LINEAR SYSTEMS, J. Applied Mathematics and Computations, 2014, 602-609
1139. F. Soleymani, P. Stanimirovic, S. Shateyi, F. Haghani, Approximating the matrix sign function using a novel iterative method, Abstract and Appl. Analysis, Hindawi Publishing Corporation, Volume2014(2014), Article ID105301, 9 pages.
1140. M. Sharifi, S. Vanani, F. Haghani, M. Arab, S. Shateyi, On a new iterative scheme without memory with optimal eighth-order, The Scientific World Journal, Volume2014(2014), Article ID727490, 6 pages.
1141. Marco Nijmeijer, A METHOD TO ACCELERATE THE CONVERGENCE OF THE SECANT ALGORITHM, Advances in Numerical Analysis, Volume 2014 (2014), Article ID 321592, 14 pages
1142. Artidiello Moreno, Santiago de Jesús, DISEÑO, IMPLEMENTACIÓN Y CONVERGENCIA DE MÉTODOS ITERATIVOS PARA RESOLVER ECUACIONES Y SISTEMAS NO LINEALES UTILIZANDO FUNCIONES PESO, Universitat Politècnica de València. Departamento de Matemática Aplicada - Departament de Matemàtica Aplicada, Tesis doctoral, 2014
1143. Santiago, A., A. Cordero, J. Torregrosa, M. Vassileva, Design of high-order iterative methods for nonlinear systems by using weight function procedure, Abstract and Applied Analysis, 2014, <http://downloads.hindawi.com/journals/aaa/aip/289029.pdf>

523. **Markov, S.M.**, Biomathematics and interval analysis: A prosperous marriage, AIP Conference Proceedings, 1301, (2010) pp. 26-36, doi: 10.1063/1.3526621.

цитирана в:

1144. Linear and quasi-linear spaces of set-valued maps Van Der Walt, J.H., Computers and Mathematics with Applications , 68 (9) (2014) pp. 1006 - 1015.

524. **Kiryakova V.**, The special functions of fractional calculus as generalized fractional calculus operators of some basic functions, *Computers and Mathematics with Applications* 59, No 3 (2010), 1128-1141.

цитирана в:

1145. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)
1146. Plociniczak, L., Approximation of the Erdélyi-Kober operator with application to the time-fractional porous medium equation, SIAM J. Appl. Math., 2014, 74, No 4, 1219-1237

1147. Paneva-Konovska, J., Convergence of series in three parametric Mittag-Leffler functions, *Mathematica Slovaca*, 2014, 64, No 1, 72-84, ISSN 0139-0018
1148. Tomovski, Z., Garra, R., Analytic solutions of fractional integro-differential equations of Volterra type with variable coefficients, *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 38-60, ISSN 1311-0454, 1314-2224
1149. Płociniczak, L., Eigenvalue asymptotics for a fractional boundary-value problem, *Appl. Mathematics and Computation*, 2014, 241, 125-128, ISSN 0096-3003, 1873-5649

525. **Kiryakova V.**, Yu. Luchko, The multi-index Mittag-Leffler functions and their applications for solving fractional order problems in applied analysis, In: *American Institute of Physics – Conf. Proc. # 1301 (2010)*, 597-613.

цитирана в:

1150. Gorenflo, R., Kilbas, A., Mainardi, F., Rogosin, S., *Mittag-Leffler Functions: Related Topics and Applications*, Springer, 2014, Berlin-Heidelberg-etc., ISBN 978-3-662-43929-6, ISBN 978-3-662-43930-2 (on page 399)

526. **Kiryakova V.**, J. Tenreiro Machado, F. Mainardi, A note and poster on the recent history of fractional calculus, *Fract. Calc. Appl. Anal.* 13, No 3 (2010), 329-334, ISSN 1311-0454

цитирана в:

1151. Gong, C., Bao, W., Tang, G., Min, C., Liu, J., An efficient iteration method for Toeplitz-plus-band triangular systems generated from fractional ordinary differential equation, *Mathematical Problems in Engineering*, 2014, 2014, Article # 194249, ISSN 1024-123X, 1563-5147
1152. Bandyopadhyay, B., Kamal, S., Stabilization and control of fractional order systems: A sliding mode approach // *Lecture Notes in Electr. Engineering*, 2014, 317, 1-231, ISSN 1876-1100

527. **Kiryakova V.**, J. Tenreiro Machado, F. Mainardi, A poster about the old history of fractional calculus, *Fract. Calc. Appl. Anal.* 13, No 4 (2010), 447-454.

цитирана в:

1153. Bandyopadhyay, B., Kamal, S., Stabilization and control of fractional order systems: A sliding mode approach, *Lecture Notes in Electr. Engineering*, 2014, 317, 1-231, ISSN 1876-1100

528. **Paneva-Konovska J.**, Convergence of series in Mittag-Leffler functions. *Compt. rend. Acad. bulg. Sci.* Tome 63, No 6, 2010, 815-822.

цитирана в:

1154. Sandev T., Ž. Tomovski, Langevin equation for a free particle driven by power law type of noises, *Physics Letters A* 378 (2014) 1–9
<http://dx.doi.org/10.1016/j.physleta.2013.10.038>

529. **Paneva-Konovska J.** Series in Mittag-Leffler functions: inequalities and convergent theorems. *Fractional Calculus & Applied Analysis*, Vol. 13, No 4, 2010, 403-414, ISSN 1311-04354

цитирана в:

1155. Sandev T., Ž. Tomovski, Langevin equation for a free particle driven by power law type of noises, *Physics Letters A* **378** (2014) 1–9
<http://dx.doi.org/10.1016/j.physleta.2013.10.038>

530. **Илев, А., Н. Кюркчиев.** Nontrivial Methods in Numerical Analysis: Selected Topics in Numerical Analysis. , LAP LAMBERT Academic Publishing, Saarbrucken, **2010**, ISBN:978-3-8433-6793-6, 256

цитирана в:

1156. Soleymani, F., New class of eighth-order iterative zero-finders and their basins of attraction, *Afr. Mat.*, 2014, ISSN (Print): 1012-9405, DOI: 10.1007/s13370-012-0100-z, @**2014**
1157. Soleymani, F., Two novel classes of two-step optimal methods for all the zeros in an interval, *Afr. Mat.*, 2014, ISSN (Print): 1012-9405, DOI: 10.1007/s13370-012-0112-8, @**2014**
1158. Петкова, М., Автореферат на дисертационен труд „Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, ПУ, Пловдив, 2014 г., @**2014**
1159. Jamaludin, N., M. Monsi, N. Hassan, On the Convergence Rate of Modified Interval Symmetric Single-Step Procedure ISS2-5D for the Simultaneous Inclusion of Polynomial Zeros, *Sains Malaysiana*, 2014, ISSN: 0126-6039, IF: 0.408., @**2014**
1160. Lotfi, T., K. Mahdiani, P. Bakhtiari, F. Soleymani, Constructing two-step iterative methods with and without memory, *Computational Mathematics and Mathematical Physics*, 55 (2), 2015, ISSN: 0965-5425, IF: 0.408., @**2014**
1161. Proinov, P., M. Petkova, Convergence of the two-point Weierstrass root-finding method, *Japan J. Indust. Appl. Math.*, 2014, ISSN: 0916-7005, IF: 0.452., @**2014**
1162. Петкова, М., Дисертационен труд „Локална и полулокална сходимост на едностъпковия и двустъпковия метод на Вайерщрас за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, ПУ, Пловдив, 2014 г., @**2014**
1163. Hafiz, M., Solving Nonlinear Equations Using Steffensen-Type Methods With Optimal Order of Convergence, *Palestine Journal of Mathematics*, Vol. 3 (1) (2014), 113–119, ISSN 2219-5688., @**2014**
1164. Чолаков, С., Дисертационен труд „Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @**2014**
1165. Чолаков, С., Автореферат на дисертационен труд „Сходимост на итерационни методи от типа на Чебишов за едновременна апроксимация на нули на полиноми“ за получаване на образователната и научна степен „доктор“, 2014 г., @**2014**
1166. Toutounian, F., H. Nasabzadeh, A new method based on generalized Taylor expansion for computing a series solution of the linear systems, *Applied Mathematics and Computation*, 2014, ISSN: 0096-3003, IF: 1.454., @**2014**

1167. Soleymani, F., S. Shateyi, P. Stanimirović, F. Haghani, Approximating the matrix sign function using a novel iterative method, *Abstract and Applied Analysis*, 2014, ISSN (printed): 1085-3375, IF: 1.102., @2014
1168. Sharifi, M., S. Vanani, F. Haghani, M. Arab, S. Shateyi, On a new iterative scheme without memory with optimal eighth-order, *Scientific World Journal*, ISSN: 1537-744X, 2014, IF: 1.219., @2014
1169. Soleymani, F., M. Sharifi, S. Karimi Vanani, F. Khaksar Haghani, A. Kili cman, An inversion-free method for finding positive definite solution of a rational matrix equation, *Scientific World Journal*, ISSN: 1537-744X, 2014, IF: 1.219., @2014
1170. Eftekhari, T., Erratum to: “A new proof of interval extension of the classic Ostrowski’s method and its modified method for computing the enclosure solutions of nonlinear equations” by “Tahereh Eftekhari”, *Numerical Algorithms*, DOI 10.1007/s11075-014-9920-2, 2014, IF: 1.084, ISSN: 1017-1398., @2014
1171. Nijmeijer, M., A Method to Accelerate the Convergence of the Secant Algorithm, *Advances in Numerical Analysis*, 2014, ISSN: 1687-9562, DOI: 10.1155/2726., @2014
1172. Artidiello Moreno, Santiago de Jesús, DISEÑO, IMPLEMENTACIÓN Y CONVERGENCIA DE MÉTODOS ITERATIVOS PARA RESOLVER ECUACIONES Y SISTEMAS NO LINEALES UTILIZANDO FUNCIONES PESO, Universitat Politècnica de València. Departamento de Matemática Aplicada - Departament de Matemàtica Aplicada, Tesis doctoral, 2014., @2014
1173. Santiago, A., A. Cordero, J. Torregrosa, M. Vassileva, Design of high-order iterative methods for nonlinear systems by using weight function procedure, *Abstract and Applied Analysis*, 2014, ISSN (printed): 1085-3375, IF: 1.288., @2014

531. Valchanov N., **Пиев, А.**, Terzieva, T.. One Methodological Approach for Teaching in Information Modeling. Синергетика и рефлексия в обучението по математика, доклади на юбилейната международна конференция Бачиново, 10-12 Септември 2010, Бачиново, България, **2010**, 487 - 494

цитирана в:

1174. Крушкова, М., Дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014
1175. Крушкова, М., Автореферат на дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014

532. Вълчанов, Н., **Илиев, А.** Общ подход при разработка на уеб базирани системи за управление на анкети. Сборник доклади на научната конференция Образованието в информационното общество, Пловдив, 27-28.05.2010 г., 2010, ISSN:1314-0752, 54 - 60

цитирана в:

1176. Крушкова, М., Дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014
1177. Крушкова, М., Автореферат на дисертационен труд „Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии“ за получаване на образователната и научна степен „доктор“, 2014 г., @2014

533. **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

цитирана в:

1178. Sathiya D., V. Parameshwari, G. Jeeva, C. Tamilselvi. Content Based Image Retrieval System using Colour Model Histogram. International Journal of Novel Research in Engineering & Pharmaceutical Sciences (Int.J.Novel.Res.Eng & Pharm.Sci.), Vol 1, Issue 04; 2014, pp.29-35 ISSN 2348-8689, @2014

534. **Stanchev P.** Culture Heritage Digital Repositories. Research Questions, in Automation in Digital Preservation. Proceedings Dagstuhl Seminar, **2010**, ISSN:1862-4405

цитирана в:

1179. Dijana Sabolović-Krajina, Maja Gačan. Digital Repository Cultural Heritage of Koprivnica: An Example of Local Partnership. Преглед НИЦД 25 (2014), 52–58, @2014

535. Tuparova D., **G. Tuparov.** Management of students participation in e-learning collaborative activities. Journal Procedia Social and Behavioral Science, 2, Elsevier, **2010**, 4757 - 4762

цитирана в:

1180. Набиуллина Д.И., О.В. Жувак, В.С. Далинчук, А.А. Авдеева, М.К. Михайлова, Е.П. Петровская, Приемная кампания 2014 - Итоги, Строительство уникальных зданий и сооружений. ISSN 2304 - 6295. 4(19). 2014.151-164
http://www.unistroy.spb.ru/index_2014_19/13_nabiullina_19.pdf, @2014
1181. Савченко А.В., К. И. Соловьева, Ж. С. Теплова, Применение ПК SCAD для построения линии влияния изгибающего момента, Строительство уникальных зданий и сооружений., ISSN 2304-6295.7(22). 2014.71-81, URL: http://unistroy.spb.ru/index_2014_22/5_savchenko_22.pdf, @2014

536. **Ivanova, K., Stanchev, P., Velikova, E., Vanhoof, K., Depaire, B., Kannan, R., Mitov, I., Markov, K.:** Features for art painting classification based on vector quantization of MPEG-7 descriptors. 2nd Int. Conf. on Data Engineering and Management ICDEM, India, **2010**, LNCS 6411, 2012, pp.146-153.

цитирана в:

1182. Zou, Q., Cao, Y., Li, Q., Huang, C., Wang, S. Chronological classification of ancient paintings using appearance and shape features. Pattern Recognition Letters, volume 49, issue , year 2014, pp. 146 – 154.

537. **Гроздев, С.:** Математика за икономисти. Издателство на ВУЗФ, София, **2010** (ISBN 978-954-8590-06-8), 210 страници

цитирана в:

1183. Сярова, П.: Урок за използване на функции в задачи по икономика, Математика и информатика, т. 57, 4, 2014, 422–430 (ISSN 1310-2230)

538. **Гроздев, С., Е. Ангелова:** Задачният подход при подготовка на учители за преподаване на “Информационни технологии” в училище, сп. Педагогика, 2, **2010**, 16 – 25. ISSN 0861-3982

цитирана в:

1184. Тодорова, Е.: Рефлексията в обучението по информационни технологии, Дисертация за присъждане на образователната и научна степен “доктор”, Пловдив, 19.02.2014 г.

1185. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014).

539. **Paneva-Marinova, D., R. Pavlov, K. Rangochev.** Digital Library for Bulgarian Traditional Culture and Folklore, In the Proceedings of the 3rd International Conference dedicated on Digital Heritage (EuroMed 2010), 8-13 November **2010**, Lymassol, Cyprus, 167-172.

цитирана в:

1186. Стюарт, Р., М. Монова-Желева, Я. Желев. Цифровизиране на музейните фондове – ИТ секторът в помощ на българското културно-историческо наследство. Списание „Компютърни науки и комуникации”, Т. 3, № 4, 2014, 74-82. ISSN: 1314-7846

1187. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

1188. Stewart, R., M. Monova-Zheleva, Y. Zhelev, L. Draganov: Coins from the Burgas Bay: Creation of a New Digital Numismatic Content in the Internet Representing the Economic and Cultural Development of Burgas Region from Ancient Times to the Present Days. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 247-255. ISSN 1314-4006

540. **Pavlov, R., D. Paneva-Marinova, M. Goynov, Pavlova-Draganova, L.,** Services for Content Creation and Presentation in an Iconographical Digital Library, International Journal “Serdica Journal of Computing”, **2010**, Vol.4, № 2, 279-292, ISSN: 1312-6555.

цитирана в:

1189. М. Монова-Желева, Я. Желев, Р. Стюарт. Изграждане на виртуална експозиция с икони от фонда на Регионален исторически музей – Бургас. Компютърни науки и комуникации”, Т. 3, № 4, 2014, 92-101. ISSN: 1314-7846

541. **Paneva-Marinova, D., R. Pavlov, M. Goynov, L. Pavlova-Draganova, L. Draganov.** Search and Administrative Services in Iconographical Digital Library, In the Proceedings “New Trend in Information Technologies” of the Joint International Events of Informatics “ITA

2010”, June, **2010**, Varna, Bulgaria, 177-187, ISBN: 978-954-16-044-3.

цитирана в:

1190. М. Монова-Желева, Я. Желев, Р. Стюарт. Изграждане на виртуална експозиция с икони от фонда на Регионален исторически музей – Бургас. Компютърни науки и комуникации”, Т. 3, № 4, 2014, 92-101. ISSN: 1314-7846
1191. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

542. **Bontchev B.**, Vassileva D. Modeling educational quizzes as board games, Proc. of IADIS Int. Conf. E-Society'2010, ISBN978-972-8939-07-6, 18-21 March 2010, Porto, Portugal, **2010**, 21-27.

цитирана в:

1192. Melero, Javier, Davinia Hernández-Leo, and Josep Blat. (2014) "Teachers Can Be Involved in the Design of Location-based Learning Games." Proc. 6th Int. Conf. on Computer Supported Education, Barcelona, Spain, 1 - 3 April, 2014, 179-186. ISBN: 978-989-758-022-2

543. **Dimitrova, L.**, V. Koseska, D. Roszko, R. Roszko. Application of Multilingual Corpus in Contrastive Studies (on the Example of the Bulgarian-Polish-Lithuanian Parallel Corpus). In: Cognitive Studies|Études Cognitives, vol. 10, SOW Publishing House, Warsaw, **2010**, 217-240. ISSN: 2080-7147, IF [ERIH nat]

цитирана в:

1193. Kisiel, A., J. Satoła-Staškowiak, W. Sosnowski. The Need for an Electronic Multilingual Dictionary. In: Cognitive Studies|Études Cognitives, vol. 14, SOW Publishing House, Warsaw, 2014, 55-64. DOI: 10.11649/cs.2014.006; <https://ispan.waw.pl>
1194. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

544. **Dimitrova, L.** V. Koseska–Toszewa, R. Garabík, T. Erjavec, L. Iomdin, V. Shyrovkov, MONDILEX – Towards the Research Infrastructure for Digital Resources in Slavic Lexicography. International Journal Cognitive Studies/Études Cognitives, Vol. 10, SOW, Warsaw, **2010**. 147-162

цитирана в:

1195. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

545. **Dimitrova, L.**, V. Koseska, R. Garabík, T. Erjavec, L. Iomdin, V. Shyrovkov Conceptual Scheme for a Research Infrastructure Supporting Digital Resources in Slavic Lexicography. Sofia, Demetra Ltd. Publisher, **2010**.

цитирана в:

1196. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

546. **Dimitrova, L.** Multilingual Digital Resources with Bulgarian language. International Journal Cognitive Studies/Études Cognitives, Vol. 10, SOW, Warsaw, **2010**. 241-252

цитирана в:

1197. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

547. **Draganov, L., D. Paneva-Marinoва, L. Pavlova-Draganova, R. Pavlov.** Use Case for Creative Learning-by-Authoring, In the Proceedings of the International Conference on e-Learning and the Knowledge Society, 25-27 August, **2010**, Riga, Latvia, 191-196, ISBN: 978-9984-30-181-5

цитирана в:

1198. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

548. **Pavlov, R., D. Paneva-Marinoва, K. Rangochev, M. Goynov, D. Luchev.** Towards Online Accessibility of Valuable Phenomena of the Bulgarian Folklore Heritage, In the Proceedings of the International Conference on Computer Systems and Technologies (CompSysTech'10), June, **2010**, Sofia, Bulgaria, 2010, 329-334, ACM ICPS vol. 471, ACM ISBN: 978-1-4503-0243-2

цитирана в:

1199. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

549. Pavlova-Draganova, L., **D. Paneva-Marinoва, R. Pavlov, M. Goynov.** On the Wider Accessibility of the Valuable Phenomena of Orthodox Iconography through Digital Library, In the Proceedings of the 3rd International Conference dedicated on Digital Heritage (EuroMed 2010), 8-13 November **2010**, Lymassol, Cyprus, 173-178, Published by ARCHAEOLOGIA, ISBN:978-963-9911-16-1

цитирана в:

1200. Stewart, R., M. Monova-Zheleva, Y. Zhelev, L. Draganov: Coins from the Burgas Bay: Creation of a New Digital Numismatic Content in the Internet Representing the Economic and Cultural Development of Burgas Region from Ancient Times to the Present Days. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 247-255. ISSN 1314-4006

1201. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

550. **Pericliev, V.** Machine-Aided Linguistic Discovery: An Introduction and Some Examples. Equinox: London & Oakville, **2010**. 330 pp. ISBN 978 1 84553 660 2.

цитирана в:

1202. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

551. **Rangochev, K., M. Goynov, D. Paneva-Marinoва, D. Luchev.** Linguistics Research and Analysis of the Bulgarian Folklore. Experimental Implementation of Linguistic Components in Bulgarian Folklore Digital Library, In the Proceedings of the International Conference

„Classification, Forecasting, Data Mining” (CFMD 2010), July, **2010**, Varna, Bulgaria, 131-137

цитирана в:

1203. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

552. P. Dineva, D. Gross, R. Müller, T. **Rangelov**, BIEM analysis of dynamically loaded anti-plane cracks in graded piezoelectric finite solids. *International Journal of Solids and Structures*, 47(22-23), 3150-3165, **2010**.

цитирана в:

1204. Sladec, J., Sladek, V., Pan, E., Young, D. L., Dynamic anti-plane crack analysis in functionally graded piezoelectric semiconductor crystals, *Computer Modeling in Engineering and Sciences*, 99(4), 273-296, 2014.

553. Pliya D. Iliev, 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 (**2010**), no. 3, 583--610.

цитирана в:

1205. Linping Peng, You Li, On the limit cycles bifurcating from a quadratic reversible center of genus one, *Mediterr. J. Math.* 11 (2014), 373--392, doi: 10.1007/s00009-013-0325-6.

1206. Yi Shao, Kuilin Wu, Bifurcation of limit cycles for cubic reversible systems, *Electr. J. Differential Equations* 2014 (2014), no. 96, 1--10.

554. Bennett BJ, Farber CR, Orozco L, Kang HM, Ghazalpour A, Siemers N, Neubauer M, Neuhaus I, Yordanova R, Guan B, Truong A, Yang WP, He A, Kayne P, Gargalovic P, Kirchgessner T, Pan C, Castellani LW, Kostem E, Furlotte N, Drake TA, Eskin E, Luskis A high-resolution association mapping panel for the dissection of complex traits in mice., *AJ. Genome Res.* **2010** Feb;20(2):281-90. Epub 2010 Jan 6.

цитирана в:

1207. Jonczyk, Magda S., et al. "Genetic factors regulating lung vasculature and immune cell functions associate with resistance to pneumococcal infection." *PloS one* 9.3 (2014): e89831.

1208. Zhou, Yang, et al. "Genetic analysis of tissue glutathione concentrations and redox balance." *Free Radical Biology and Medicine* 71 (2014): 157-164.

1209. Zhou, Xiang, and Matthew Stephens. "Efficient multivariate linear mixed model algorithms for genome-wide association studies." *Nature methods* 11.4 (2014): 407-409.

1210. Gargiulo, Sara, et al. "Evaluation of Growth Patterns and Body Composition in C57Bl/6J Mice Using Dual Energy X-Ray Absorptiometry." *BioMed research international* 2014 (2014).

1211. Gonzales, Natalia M., and Abraham A. Palmer. "Fine-mapping QTLs in advanced intercross lines and other outbred populations." *Mammalian Genome*(2014): 1-22.

1212. Wei, Wei, et al. "Effect of Fluorosis on Liver Cells of VC Deficient and Wild Type Mice." *The Scientific World Journal* 2014 (2014).

555. Gatti DM, Zhao N, Chesler EJ, Bradford BU, Shabalin AA, Yordanova R, Lu L, Rusyn I., Sex-specific Gene Expression in BXD Mouse Liver, *Physiological Genomics, Physiol Genomics*. 2010 Jun 15. PMID: 20551147

цитирана в:

1213. Partridge, Charlyn G., Gloria L. Fawcett, Bing Wang, Clay F. Semenkovich, and James M. Cheverud. "The effect of dietary fat intake on hepatic gene expression in LG/J AND SM/J mice." *BMC genomics* 15, no. 1 (2014): 99.
1214. Jansen, Rick, et al. "Sex differences in the human peripheral blood transcriptome." *BMC genomics* 15.1 (2014): 33.
1215. Peterson, Mark P., et al. "Potential for sexual conflict assessed via testosterone-mediated transcriptional changes in liver and muscle of a songbird." *The Journal of experimental biology* 217.4 (2014): 507-517.

2011

556. Bourgain J., S.J. Dilworth, K. Ford, S. Konyagin, **D. Kutzarova**, Explicit constructions of RIP matrices, *Duke Math. J.* 159 (2011), 145-185.

цитирана в:

1216. Jasper J., D. Mixon, M. Fickus, Kirkman equiangular tight frames and codes, *Information theory, IEEE Transactions*, (2014), vol. 60, Issue 1, 170-181. ISSN: 0018-9448, IF 2.65
1217. Armagan A., R. Saab, L. Catin, D. Dunson, Finite sample posterior concentration in high-dimensional regression, *Information and Inference* (2014), doi: 10.1093/imaiai/iau003 Online ISSN 2049-8772 - Print ISSN 2049-8764.
1218. Mohades M., A. Mohades, A. Tadaion, A Reed-Solomon Code Based Measurement Matrix with Small Coherence, *Signal Processing Letters, IEEE*, (2014), vol. 21, Issue 7, 839-843. ISSN: 1070-9908
1219. Berthoumieu Y., C. Dossal, N. Pustelnik, P. Ricoux, F. Turcu, An evaluation of the sparsity degree for sparse recovery with deterministic measurement matrices, *J. Math. Imaging*, 48 (2014), 266-278. Print ISSN 0924-9907 Online ISSN 1573-7683, IF 2.330
1220. Liu J., M. Mallick, C. Han, X. Yao, F. Lian, Similar sensing matrix pursuit: An efficient reconstruction algorithm to cope with deterministic sensing matrix, *Signal Processing*, 95 (2014), 101-110. ISSN: 0165-1684, IF 2.238.

557. **Krastanov M.I., N.K. Ribarska, Ts.Y. Tsachev**, A Pontryagin maximum principle for infinite-dimensional problems, *SIAM J. Control Optimization*, том 49, брой 5, 2011, стр.2155-2182, doi:10.1137/100799009, IF/IR.

цитирана в:

1221. Skritek B., V. Veliov, On the infinite horizon optimal control of age-structured systems, *Journal of Optimization Theory and Applications*, November 2014, DOI 10.1007/s10957-014-0680-x.
1222. Kipka R.J., Y.S. Ledyayev, Pontryagin Maximum Principle for Control Systems on Infinite Dimensional Manifolds, *Set-Valued and Variational Analysis* October 2014, DOI 10.1007/s11228-014-0301-8.

558. **J.P. Revalski**, Regularization procedures for monotone operators: recent advances, H.H. Bauschke et al. (eds.), *Fixed-Point Algorithms for Inverse Problems in Science and Engineering*, Springer Optimization and Its Applications, 2011, Vol. 49, 317--344. ISBN-13: 978-1441995681.

цитирана в:

1223. H.H. Bauschke, W.L. Hare and W.M. Moursi, Generalized Solutions for the Sum of Two Maximally Monotone Operators, *SIAM J. Control Optim.*, 52(2), 2014, 1034–1047. DOI:10.1137/130924214; ISSN (print): 0363-0129, ISSN (online): 1095-71381

559. Chan, T., Kyprianou A. and **Savov, M. (2011)** Smoothness of scale functions for spectrally negative Levy processes *Probab. Theory and Related Fields* 150, 691--708, IF: 1.53.

цитирана в:

1224. Egami, M. and Yamazaki, K. (2014) Phase-type fitting of scale functions for spectrally negative Levy processes, *J Comput Appl Math* 264, 1--22, IF: 1.11.
1225. Egami, M. and Yamazaki, K. (2014) On the continuous and smooth fit principle for optimal stopping problems in spectrally negative Levy models, *Adv. Appl. Probab.* 46, No. 1, 139—167, IF: 0.90.
1226. Yamazaki, K. (2014). Contraction options and optimal multiple-stopping in spectrally negative Levy models, *Appl. Math. Optim.*, ISSN 0095-4616, DOI: 10.1007/s00245-014-9274-0, IF: 0.86.
1227. Yin, C., Wen, Y. and Zhao, Y. (2014) On the optimal dividend problem for a spectrally positive Levy process, *ASTIN Bulletin*, DOI:10.1017/asb.2014.12, IF: 0.49.

560. A.O. Belyakov, **Ts. Tsachev, V.M. Veliov**, Optimal control of heterogeneous systems with endogenous domain of heterogeneity, *Applied Mathematics and Optimization*, v. 64 (2011), No 2, 287—311.

цитирана в:

1228. A. Bondarev, Endogenous specialization of heterogeneous innovative activities of firms under the technological spillovers, *Journal of Economic Dynamics and Control*, v. 38 (2014), No 1, 235—249. ISSN: 0165-1889.

561. **Тупаров Г., Д. Дурева**. Implementation of blended learning scenarios for training of school teachers. *Proc. 14th Int. Conf. Interactive Collaborative Learning*, 2011

цитирана в:

1229. Al Muljin E., Designing, Piloting and Evaluating an ICT Training Programme for Novice Female Primary Teachers in Saudi. , PhD thesis, Faculty of Health and Human Sciences, Plymouth University, 2014, URL: http://pearl.plymouth.ac.uk:8080/pearl_jspu/handle/10026.1/3077, @2014

562. **Тупаров Г., Д. Дурева, Т. Мусова**. Интерактивни симуляционни учебни обекти. Сб. “Информационно-комуникационни технологии, медии и образование”, Благоевград, 2011, 2011

цитирана в:

1230. Горанова Е., Модел за обучение по информационни технологии в мултимедийна среда, Автореферат на дисертационен труд, Русе, 2014, @2014

563. **Guelev, D. P.**, Catalin Dima and Constantin Enea, An alternating-time temporal logic with knowledge, perfect recall and past: axiomatisation and model-checking, *Journal of Applied Non-Classical Logics* 21(1), сс. 93-131, **2011**, <http://dx.doi.org/10.3166/jancl.21.93-131>, ISSN 1166-3081 (Print), 1958-5780 (Online).

цитирана в:

1231. Bulling, N., Wojciech Jamroga: Comparing variants of strategic ability: how uncertainty and memory influence general properties of games. *Autonomous Agents and Multi-Agent Systems*, v. 28, issue 3, pp. 474--518, 2014, doi 10.1007/s10458-013-9231-3. ISSN: 1387-2532 (Print) 1573-7454 (Online).
1232. Kazmierczak, P., Thomas Ågotnes, Wojciech Jamroga: Multi-agency Is Coordination and (Limited) Communication. *PRIMA 2014: Principles and Practice of Multi-Agent Systems - 17th International Conference*, 2014. Proceedings, pp. 91--106, 2014, doi 10.1007/978-3-319-13191-7_8, LNCS 8861, Springer, isbn 978-3-319-13190-0.

564. Georgieva, M., M. Petrova, **D. Dobrev**, E. Velkova, D. Stoychev: Chemical deposition of composite copper - Diamond coatings on non-metallic substrate: I. Influence of the composition of trilonic electrolyte and of the regime of the deposition on the rate formation of copper matrix“, *Materiale Plastice*, 48 (4) (**2011**) 269-272, ISSN 0025-5289

цитирана в:

1233. Georgieva, J., E. Valova, I. Mintsouli, S. Sotiropoulos, S. Arnyanov, A. Kakaroglou, A. Hubin, O. Steenhaut, J. Dille: Carbon-supported Pt(Cu) electrocatalysts for methanol oxidation prepared by Cu electroless deposition and its galvanic replacement by Pt, *Journal of Applied Electrochemistry*, 44 (2) (2014) 215-224

565. **Gateva-Ivanova, T.**: Garside structures on monoids with quadratic square-free relations, *Algebr Represent Theor*, 14 (**2011**) 779-802, Springer ISSN 1572-9079.

цитирана в:

1234. Chouraqui, F., E. Godelle: Finite quotients of groups of I-type, *Adv. in Math.* 258 20 June (2014), 46—68 Elsevier, ISSN: 0001-8708.
1235. Dehornoy, P.: Set-theoretic solutions of the Yang-Baxter equation, RC-calculus, and Garside germs, arXiv:1403.3019 [math.GR], 2014 1-28
1236. Chouraqui, F.: Construction of a group of automorphisms for an infinite family of Garside groups, arXiv:1411.1189 [math.GR] (2014), 1-25

566. **Bogdanova G., N. Noev N., K. Stoffel T., T. Todorov.** 3D Modeling of Valuable Bulgarian Bells and Churches. *Mathematica Balkanica*, New Series, Vol. 25, No 1, Fasc. 5, **2011**, 475-482. ISSN: 0205-3217

цитирана в:

1237. Paneva-Marinova, M. Gounov, D. Luchev: Toward Wider Sharing of Iconographical Art Content. *Digital Preservation and Presentation of*

Cultural and Scientific Heritage - DiPP`14, Veliko Tarnovo, Bulgaria, 18-21 Sept, Vol.4, 2014, 127-134. ISSN: 1314-4006

567. Pavlov, R., **Bogdanova, G.**, Paneva-Marinova, D., **Todorov, T.**, K. Rangochev: Digital archive and multimedia library for Bulgarian traditional culture and folklore. International Journal “Information Theories and Applications”, Vol. 18, Number 3, **2011**, 276–288, ISBN: 1310-0513

цитирана в:

1238. Mircea, P., Gofu, D.: Transliteration and alignment of parallel texts from Cyrillic to Latin. In Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC-2014), 2014.

568. **Bogdanova, G., T. Todorov, N. Noev**: 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, Veliko Tarkovo, Bulgaria, September 11-14, Vol. 1, **2011**, 91-98. ISSN: 1314-4006.

цитирана в:

1239. Лилия Р. Павлова, дисертация за присъждане на образователна и научна степен „доктор”, ИМИ, БАН, София, 2014.

569. **G. Bogdanova, T. Todorov, N. Noev**: Semantic Model of Digital Resources of Bulgarian Bells. *Mathematica Balkanica, NewSeries* Vol. 25, Fasc. 5, **2011**, 483-490. ISSN 0205-3217

цитирана в:

1240. Plamen Rusev: Naukowcy badają dzwony. *Przegląd Prawosławny*, Poland, Numer 5 (347), maj 2014, 2014, 28-29. e-wydaniu ISSN 1230-1078 (Online) indeks Nr 371416 (Списание Przeglądu Prawosławnego /Православен преглед/, град Бялисток, Полша, разпространява се също в Беларус, САЩ, Канада, Австралия) Списание Православен преглед от град Бялисток)

570. **Bouyukliev, I.**, E Jacobsson Results on binary linear codes with minimum distance 8 and 10. *Information Theory, IEEE Transactions on Information Theory* 57 (9), **2011**, 6089-6093

цитирана в:

1241. Feulner, Thomas. Classification and nonexistence results for linear codes with prescribed minimum distances. *Designs, codes and cryptography* 70.1-2 (2014): 127-138.
1242. K Zhang, M Tomlinson, MZ Ahmed, M Ambroze. Best binary equivocation code construction for syndrome coding. *IET Communications* 8, Issue 10, 03 July 2014, 1696 – 1704.
1243. Ke, Zhang. Secure Coding Schemes and Code Design for the Wiretap Channel. (2014).

571. **Apostolov, V.**, Calderbank, D., Gauduchon P., Tønnesen-Friedman, Christina W., Extremal Kähler metrics on projective bundles over a curve. *Adv. Math.* 227 (**2011**), # 6, 2385–2424.

цитирана в:

1244. Keller, Julien; Ross, Julius, A note on Chow stability of the projectivization of Gieseker stable bundles. *J. Geom. Anal.* 24 (2014), no. 3, 1526–1546.

1245. Clarke, Andrew; Tipler, Carl, Lower bounds on the modified K-energy and complex deformations. *Adv. Math.* 252 (2014), 449–470.

572. **Гроздев, С., Т. Терзиева:** Изследование концепции алгоритмического мышления при обучении по информатике, Международная научно-практическая конференция “Информатизация образования – 2011”, Елец: ЕГУ им. И. А. Бунина, 14-15 июня 2011 г., Т 1. 112 - 119 с. (ISBN 978-5-94809-498-4).

цитирана в:

1246. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014).

573. Гроздев С., Т. Терзиева: Визуализация методов сортировки массивов, Электронный журнал Российской Академии Образования “Информационная среда образования и науки”, Выпуск 5, **2011** г. (ISSN 2223-4438)
http://www.iiorao.ru/iio/pages/izdat/ison/publication/num_5_2011/

цитирана в:

1247. Tuparov, G., D. Tuparova, V. Jordanov: Teaching Sorting and Searching Algorithms through Simulation-based Learning Objects in an Introductory Programming Course, *Procedia - Social and Behavioral Sciences*, Volume 116, 2962–2966. 5th World Conference on Educational Sciences, 21 February 2014

1248. Крушков, Х., А. Рахнев, М. Крушкова: Обучение в стил Edutainment с използване на компютърна графика, *Математика и информатика*, т. 57, 4, 2014, 364 – 383 (ISSN 1310-2230).

1249. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014)

574. **Davidov J., O. Mushkarov, G. Grantcharov, M. Yotov,** *Generalized Pseudo-Kahler Structures // Comm. Math. Phys.* 304 (**2011**), 49-68.

цитирана в:

1250. B.Sahin, F.Sahin, Generalized almost para-contact manifolds // arXiv:1401.5304v1 [math.GT] 21 Jan 2014.

575. **Dimovski I., Yu. Tsankov,** Operational calculi for multidimensional nonlocal evolution boundary value problems // *AIP Conf. Proc.* # 1410 (**2011**), pp. 167-180.

цитирана в:

1251. Bazhlekova, E., Bazhlekov, I., Viscoelastic flows with fractional derivative models: computational approach via convolutional calculus of Dimovski // *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 954–976, ISSN:1311-0454, 1314-2224

576. **Kiryakova V.**, Fractional order differential and integral equations with Erdélyi-Kober operators: Explicit solutions by means of the transmutation method, *AIP Conference Proceedings*, 1410 (2011), 247-258, ISBN: 978-073540984-2, doi: 10.1063/1.3664376

цитирана в:

1252. Kim, M.-H., Ri, G.-C., O, H.-Chol, Operational method for solving multi-term fractional differential equations with the generalized fractional derivatives, *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 79-95, ISSN 1311-0454, 1314-2224
1253. Takaci, Dj., Takaci, A., Takaci, Al., On the operational solutions of fuzzy fractional differential equations, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1100–1113, ISSN:1311-0454, 1314-2224

577. **Kiryakova V.**, J. Tenreiro Machado, F. Mainardi, Recent history of fractional calculus, *Communications in Nonlinear Sciences and Numerical Simulations*, 16, No 3 (2011), 1140-1153; ISSN 1007-5704, doi:10.1016/j.cnsns.2010.05.027

цитирана в:

1254. Farahi, S., Guendouzi, T., Approximate Controllability of Fractional Neutral Stochastic Evolution Equations with Nonlocal Conditions, *Results in Math.*, 2014, 65, No 3-4, 501-521, ISSN 1422-6383
1255. Liu, W., Yan, X., Qi, W., Positive solutions for coupled nonlinear fractional differential equations, *J. of Applied Mathematics*, 2014, 2014, Article # 790862, ISSN 1110-757X, 1687-0042
1256. Kamal, S., Bandyopadhyay, B., Robust controller design for discrete fractional order system: A disturbance observer based approach, *IFAC Proceedings Volumes (IFAC-Papers Online)*, 2014, Vol. 3, Part 1, 558-563, ISSN 1474-6670
1257. Senejohnny, D. M., Delavari, H., Linear estimator for fractional systems, *Signal, Image and Video Processing*, 2014, 8, No 2, 389-396, ISSN 1863-1703, 1863-1711
1258. Shoaib, B., Qureshi, I.M., Shafqatullah, Ihsanulhaq, Adaptive step-size modified fractional least mean square algorithm for chaotic time series prediction, *Chinese Physics B*, 2014, 23, No 5, Article # 050503, ISSN 1674-1056
1259. Faieghi, M.R., Kuntanapreeda, S., Delavari, H., Baleanu, D., Robust stabilization of fractional-order chaotic systems with linear controllers: LMI-based sufficient conditions, *J of Vibration and Control*, 2014, 20, No 7, 1042-1051, ISSN 1077-5463
1260. Baleanu, D., Asad, J. H., Petras, I., Fractional Bateman-Feshbach-Tikochinsky oscillator, *Commun. in Theoretical Physics*, 2014, 61, No 2, 221-225, ISSN 0253-6102
1261. Maachou, A., Malti, R., Melchior, P., Battaglia, J.-L., Oustaloup, A., Hay, B., Nonlinear thermal system identification using fractional Volterra series, *Control Engineering Practice*, 2014, 29, 50-60, ISSN 0967-0661
1262. Tarasov, V., Fractional order variational derivative, *Intern. J. Appl. Math.*, 2014, 27, No 5, 491-518, ISSN 1311-1728, 1414-8060, doi: 10.12732/ijam.v25i5.7

1263. Ionescu, C.M., Dana Ionescu, F., Power law and fractional derivative models can measure analgesia // Proc. of 2014 IEEE Internat. Conf. on Automation, Quality and Testing, Robotics, AQTR 2014, 2014, Article #6857908, ISBN 978-1-4799-3731-8
1264. Lu, H., Han, Z., Sun, S., Multiplicity of positive solutions for Sturm-Liouville boundary value problems of fractional differential equations with p-Laplacian // Boundary Value Problems, 2014, 2014, Article # 25, ISSN 1687-2762, 1687-2770
1265. Nigmatullin, R., Rakhmatullin, R., Detection of quasi-periodic processes in repeated measurements: New approach for the fitting and clusterization of different data // Commun. Nonlinear Sci. and Numerical Simulations, 2014, 19, No 12, 4080-4093, ISSN 1007-5704
1266. Wei, L., Zhang, X., A computational study of an implicit local discontinuous Galerkin method for time-fractional diffusion equations // Abstract and Applied Analysis, 2014, 2014, article # 898217, ISSN 1085-3375, 1687-0409
1267. Fan, M., Li, S., Zhang, L., Weak solution of the equation for a fractional porous medium with a forcing term // Computers and Math. with Applications, 2014, 67, No 1, 145-150, ISSN 0898-1221
1268. Chen, Z.-Y., Cattani, C., Zhong, W.-P., Signal processing for nondifferentiable data defined on cantor sets: A local fractional fourier series approach, Advances in Math. Physics, 2014, 2014, Article # 561434, ISSN 1687-9120, 1687-9139
1269. Ionescu, C.M., Derom, E., De Keyser, R., Modelling respiratory impedance in patients with kyphoscoliosis, Biomedical Signal Processing and Control, 2014, 11, No 1, 36-41, ISSN 1746-8094
1270. Han, S., Jiao, Z., Wang, C., Shang, Y., Shi, Y., Fractional integral sliding mode nonlinear controller of electrical-hydraulic flight simulator // Beijing Hangkong Hangtian Daxue Xuebao / J. of Beijing University of Aeronautics and Astronautics, 2014, 40, No 10, 1411-1416, ISSN 1001-5965
1271. Gao, Z., A computing method on stability intervals of time-delay for fractional-order retarded systems with commensurate time-delays, Automatica, 2014, 50, No 6, 1611-1616, ISSN 0005-1098
1272. Hua, C.-C., Liu, D., Guan, X.-P., Necessary and sufficient stability criteria for a class of fractional-order delayed systems // IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, No 1, article # 6678521, 59-63, ISSN 149-7747, 1558-3791
1273. Shen, Y., Yang, S., Sui, C., Analysis on limit cycle of fractional-order van der Pol oscillator, Chaos, Solitons and Fractals, 2014, 67, 94-102, ISSN 0969-0779
1274. Ionescu, C.M., Desager, K., Vandersteen, G., De Keyser, R., Respiratory mechanics in children with cystic fibrosis, Biomedical Signal Processing and Control, 2014, 11, No 1, 74-79, ISSN 1746-8094
1275. Tajjudin, M., Adnan, R., A design on new error compensator for fractional PI controller and its application, WSEAS Trans, on Systems and Control, 2014, 9, 28-37, ISSN 1991-8763

1276. Gao, Z., Yan, M., Wei, J., Robust stabilizing regions of fractional PD^μ order controllers of time-delay fractional-order systems, *Journal of Process Control*, 2014, 24, No 1, 37-47, ISSN 0959-1524
1277. Anguraj, A., Karthikeyan, P., Rivero, M., Trujillo, J.J., On new existence results for fractional integro-differential equations with impulsive and integral conditions, *Computers and Math. With Applications*, 2014, 66, No 12, 2587-2594, ISSN 0898-1221
1278. Özdemir, N., Avci, D., Optimal control of a linear time-invariant space-time fractional diffusion process, *Journal of Vibration and Control*, 2014, 20, No 3, 370-380, ISSN 1077-5463
1279. Luo, J., State-feedback control for fractional-order nonlinear systems subject to input saturation // *Mathematical Problems in engineering*, 2014, 2014, Article # 891639, ISSN 1024-123X, 1563-5147
1280. Xu, D., Li, Y., Zhou, W., Controllability and observability of fractional linear systems with two different orders, *The Scientific World Journal*, 2014, 2014, Article # 618162, ISSN 2356-6140, 1537-744X
1281. Shi, B., Yuan, J., Dong, C., On fractional model reference adaptive control, *The Scientific World Journal*, 2014, 2014, Article # 521625, ISSN 2356-6140, 1537-744X
1282. Duan, J.-S., Qiu, X., The periodic solution of Stokes' second problem for viscoelastic fluids as characterized by a fractional constitutive equation // *Journal of Non-Newtonian Fluid Mechanics*, 2014, 205, 11-15, ISSN 0377-0257
1283. Rajasekhar, A., Kumar Jatoth, R., Abraham, A., Design of intelligent PID/PI^λD^μ speed controller for chopper fed DC motor drive using opposition based artificial bee colony algorithm, *Engineering Applications of Artificial Intelligence*, 2014, 29, 13-32, ISSN 0952-1976
1284. Patil, M. D., Vyawahare, V. A., Bhole, M. K., A new and simple method to construct root locus of general fractional-order systems, *ISA Transactions*, 2014, 53, No 2, 380-390, ISSN 0019-0578
1285. Kim, M.-H., Ri, G.-C., O, H.-Chol, Operational method for solving multi-term fractional differential equations with the generalized fractional derivatives, *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 79-95, ISSN 1311-0454, 1314-2224
1286. Olarte, O., Barbé, K., Van Moer, W., Van Ingelgem, Y., Fractional frequency domain identification of NaCl-glucose solutions at physiological levels // *Measurement: Journal of the International Measurement Confederation*, 2014, 50, No 1, 213-221, ISSN 0263-2241
1287. Mazandarani, M., Najariyan, M., Type-2 fuzzy fractional derivatives, *Commun. in Nonlinear Sci. and Numer. Simulations*, 2014, 19, No 7, 2354-2372, ISSN 1007-5704
1288. Ala, G., Di Paola, M., Francomano, E., Li, Y., Pinnola, F.P., Electrical analogous in viscoelasticity // *Commun. in Nonlinear Sci. and Numer. Simulations*, 2014, 19, No 7, 2513-2527, ISSN 1007-5704
1289. Parand, K., Nikarya, M., Application of Bessel functions for solving differential and integro-differential equations of the fractional order, *Applied Math. Modelling*, 2014, 38, No 15-16, 4137-4147

1290. Tarasov, V.E., Toward lattice fractional vector calculus, *Journal of Physics A: Math. And Theor.*, 2014, 47, No 35, Article # 355204, ISSN 1751-8113, 1751-8121
1291. Gracia, J.L., Stynes, M., Central difference approximation of convection in Caputo fractional derivative two-point boundary value problems, *Journal of Computational and Appl. Math.*, 2014, 273, 103-116, ISSN 0377-0427

578. **Kiryakova V.**, Criteria for univalence of the Dziok-Srivastava and the Srivastava-Wright operators in the class A, *Applied Mathematics and Computation*, 218, No 3(2011), 883-892, doi: 10.1016/j.amc.2011.01.076

цитирана в:

1292. Ibrahim, R.W., Jahangiri, J.M., Boundary fractional differential equation in a complex domain, *Boundary Value Problems*, 2014, 2014, Article # 66, ISSN 1687-2762, 1687-2770
1293. Xu, Q.-H., Xiao, H.-G., Srivastava, H.M., Some applications of differential subordination and the Dziok-Srivastava convolution operator, *Applied Math. and Computation*, 2014, 230, 496-508, ISSN 0096-3003, 1873-5649

579. **Kovacheva R. K.** (with H. P. Blatt, R. Grothmann). Regions of meromorphy and value distribution of geometrically converging rational approximants // *Journal of Mathematical Analysis and Applications*, 382(2011), 66-76, ISSN: 0022-247X

цитирана в:

1294. Blatt H. P. Regions of convergence and value distribution of rational approximants // L Bos (ed.) *Constructive approximation of functions*, Proceedings, Bedlevo, 2014
1295. Ysern B. de la Calle, J. Mínguez Cenicerós. Rate of convergence of row sequences of multipoint Padé approximants // *Journal of Computational and Applied Mathematics* available online 13 November 2014, ISSN: 0022-247X

580. **Kovacheva R. K.** (with H. P. Blatt) Growth behavior and zero distribution of rational functions // *Constructive Approximation*, 34(3)(2011), 393-420, ISSN 0176-4276

цитирана в:

1296. Ysern B. de la Calle, J. Mínguez Cenicerós. Rate of convergence of row sequences of multipoint Padé approximants // *Journal of Computational and Applied Mathematics* available online 13 November 2014, ISSN: 0022-247X
1297. Blatt H. P., Convergence in capacity of rational approximants of meromorphic functions // *Publications de l'Institut mathématique*, Nouvelle serie, tome 96(110)(2014), 31-39, doi: 10.2298/PI, M1410031B. ISSN: 0350-1302
1298. Ysern B. de la Calle. The Jentzsch-Szegő Theorem and Balayage Measures // *Constructive approximation* Volume 40, 2014, Issue 2, pp 307-327. ISSN 0176-4276

581. **Илев, О.**, Lazarov, R., Willems, J., Variational multiscale finite element method for flows in highly porous media *Multiscale Modeling and Simulation*, 9 (4), (2011)pp. 1350-1372.

цитирана в:

1299. Calo, V.M., Efendiev, Y., Galvis, J., Ghommem, M., Multiscale empirical interpolation for solving nonlinear PDEs, *Journal of Computational Physics*, 278 (1), (2014) pp. 204-220.
1300. Mu, L., Wang, J., Ye, X., A stable numerical algorithm for the Brinkman equations by weak Galerkin finite element methods, *Journal of Computational Physics*, 273, (2014), pp. 327-342.

582. Latz, A., Zausch, J., **Илев, О.**, Modeling of species and charge transport in Li-ion batteries based on non-equilibrium thermodynamics, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 6046 LNCS, (2011), pp. 329-337.

цитирана в:

1301. Denk, R., Seger, T., Lp-estimates for a transmission problem of mixed elliptic-parabolic type (2014) *Boundary Value Problems*, 2014, art. no. 22.

583. **Димитрова, Н., М. Крастанов:** Nonlinear Adaptive Control of a Bioprocess Model with Unknown Kinetics. Chapter 13 in: *Modeling, Design, and Simulation of Systems with Uncertainties (Mathematical Engineering)*, A. Rauh, E. Auer (eds.), Springer, 2011, 275–292.

цитирана в:

1302. Elena K. Kostousova: On Control Synthesis for Uncertain Differential Systems Using a Polyhedral Technique. In: *Large-Scale Scientific Computing*, I. Lirkov, S. Margenov, J. Waśniewski (Eds.), *Lecture Notes in Computer Science* 8353, 2014, 98-106.

584. B. Ignatova, **Н. Kyurkchiev, А. Илев**, Multipoint algorithms arising from optimal in the sense of Kung – Traub iterative procedures for numerical solution of nonlinear equations, *General Mathematics Notes*, 6 (2), 2011.

цитирана в:

1303. A. Cordero, F. Soleymani, J. Torregrossa, S. Shateyi, Basins of attraction for various Steffensen – type methods, *Journal of Applied Mathematics*, 2014, Volume 2014 (2014), ID 539707, 17 pages.
1304. Lotfi, T.,F. Soleymani, S. Sharifi, S. Shatey, F. Hghani, Multipoint iterative methods for solving all the simple zeros in an interval, *J. Appl. Math.*, Volume 2014 (2014), Article ID 601205, 13 pages.
1305. T. Lotfi, K. Mahdiani, Z. Noori, F. Haghani, S. Shateyi, On a new three- step class of methods and its acceleration for nonlinear equations, *The Scientific World Journal*, Volume2014(2014), Article ID134673, 9 pages.
Marco Nijmeijer, A METHOD TO ACCELERATE THE CONVERGENCE OF THE SECANT ALGORITHM, *Advances in Numerical Analysis*, Volume 2014 (2014), Article ID 321592, 14 pages
<http://dx.doi.org/10.1155/2014/321592>

585. **Markov, S.** ON THE MATHEMATICAL MODELLING OF MICROBIAL GROWTH: SOME COMPUTATIONAL ASPECTS, *Serdica Journal of Computing*, 5(2), (2011) pp. 153-168.

цитирана в:

1306. Kiskinov, H., Zahariev, A., Zlatev, S., A generalised model of Monod including a delayed decay in bacterial populations, *Comptes Rendus de L'Academie Bulgare des Sciences*, 67 (2), (2014) pp. 173 - 180.
1307. Kiskinov, H., Zahariev, A., Zlatev, S., A new Monod type model accounting distributed delayed mortality in bacterial populations, *Comptes Rendus de L'Academie Bulgare des Sciences*, 67 (9) (2014) pp. 1211 – 1216

586. **Anguelov, R.;** Lubuma, J. M. -S.; Shillor, M., Topological dynamic consistency of non-standard finite difference schemes for dynamical systems, *JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS* Volume:17 Issue:12 (2011), pp.1769-1791.

цитирана в:

1308. Macias-Diaz, J. E.; Szafranska, Anna, Existence and uniqueness of monotone and bounded solutions for a finite-difference discretization a la Mickens of the generalized Burgers-Huxley equation, *JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS* Volume: 20 Issue: 7(2014) p. 989-1004.

587. Kutev N., **N. Kolkovska, M. Dimova**, C.I. Christov: Theoretical and Numerical Aspects for Global Existence and Blow up for the solutions to Boussinesq Paradigm Equation. *AIP Conference Proceedings*, Vol. 1404, 2011, 68-76

цитирана в:

1309. Hatice Taskesen and Necat Polat: On the Existence of Global Solutions for a Nonlinear Klein-Gordon Equation. *FILOMAT*, Vol. 28:5, 2014, 1073–1079

588. **Mushkarov O.**, Generalized Pseudo-Kähler Structures // *Comm.Math.Phys.* 304, 2011, 49-68
ISSN:0010-3616 (Print)1432-0916 (Online)

цитирана в:

1310. Sahin B., F. Sahin, Generalized almost para-contact manifolds, arXiv:1401.5304v.1, [math.DG] 21 Jan 2014 .

589. **Nikolov N.** Spectral Nevanlinna-Pick and Caratheodory-Fejer problems for $n \leq 3$ (with P. Pflug and P. J. Thomas), *Indiana Univ. Math. J.* 60 (2011), No 3, 883-893. ISSN 0022-2518.

цитирана в:

1311. Baribeau L., A. S. Kamara, A refined Schwarz lemma for the spectral Nevanlinna-Pick problem, *Complex Anal. Oper. Theory* 8 (2014), 529-536.
1312. Bharali G., A family of domains associated with μ -synthesis, *Integr. Equ. Oper. Theory*, DOI 10.1007/s00020-014-2198-x.

590. **Nikolov N.** On the sum of powered distances to three points (with R. Rafailov), *Pacific J. Math.* 253 (2011), No 1, 157-168. ISSN 0030-8730.

цитирана в:

1313. Borodachov S. V., N. Bosuwan, Asymptotics of discrete Riesz d-polarization on subsets of d-dimensional manifolds, *Potential Anal.* 41 (2014), 35-49.

591. **Nikolov N.** Estimates for invariant metrics on C-convex domains (with P. Pflug and W. Zwonek), *Trans. Amer. Math. Soc.* 363 (2011), No 12, 6245-6256. ISSN 0002-9947 (print) 1088-6850 (online).

цитирана в:

1314. Blocki Z., Cauchy-Riemann meet Monge-Ampere, *Bull. Math. Sci.* 4 (2014), 433-480.
1315. Zimmer A. M., Gromov hyperbolicity, the Kobayashi metric, and C-convex sets, preprint (2014);
math.uchicago.edu/~andrew.zimmer/kobayashi\Cconvex.pdf.

592. **Nikolov N.** A characterization of domains in C^n with locally Levi-flat boundaries (with P. J. Thomas), arXiv:1111.3024.

цитирана в:

1316. Fu S., Estimates of invariant metrics on pseudoconvex domains near boundaries with constant Levi ranks, *J. Geom. Anal.* 24 (2014), 32-46.

593. **Nikolov N.** Reconstruction of trees using metric properties (with K. Manev and M. Markov), *Olympiads in Informatics, Vol. 5* (2011), 82-91. ISSN 1822-7732.

цитирана в:

1317. Chellappan V., K. Krithivasan, Tree topology inference from leaf-to-leaf path lengths using Prufer sequence, *Int. J. Communication Networks and Distributed Systems* 12, 225-237 (2014).

594. **Paneva-Konovska J.** Multi-index (3m-parametric) Mittag-Leffler functions and fractional calculus. *Comptes Rendus de l'Academie Bulgare des Sciences* 64(8) (2011), 1089–1098

цитирана в:

1318. Tomovski Z., R. Garra, Analytic solutions of fractional integro-differential equations of Volterra type with variable coefficients // *Fract. Calc. Appl. Anal.* pp. 38-60, 17, No 1, DOI: 10.2478/s13540-014-0154-8
1319. Gorenflo R., A. Kilbas, Fr. Mainardi, S. Rogosin; *Mittag-Leffler Functions: Related Topics and Applications* // Springer-Verlag, 2014; DOI 10.1007/978-3-662-43930-2, ISSN 1439-7382, ISBN 978-3-662-43929-6

595. **Гроздев, С., Т. Терзиева:** Изследование концепции алгоритмического мышления при обучении по информатике, Международная научно-практическая конференция “Информатизация образования – 2011”, Елец: ЕГУ им. И. А. Бунина, 14-15 июня 2011 г., Т 1. 112 - 119 с. (ISBN 978-5-94809-498-4).

цитирана в:

1320. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014).

596. **Гроздев С., Т. Терзиева:** Визуализация методов сортировки массивов, Электронный

журнал Российской Академии Образования “Информационная среда образования и науки”, Выпуск 5, 2011 г. (ISSN 2223-4438)

http://www.iiorao.ru/iio/pages/izdat/ison/publication/num_5_2011/

цитирана в:

1321. Tuparov, G., D. Tuparova, V. Jordanov: Teaching Sorting and Searching Algorithms through Simulation-based Learning Objects in an Introductory Programming Course, *Procedia - Social and Behavioral Sciences*, Volume 116, 2962–2966. 5th World Conference on Educational Sciences, 21 February 2014
1322. Крушков, Х., А. Рахнев, М. Крушкова: Обучение в стил Edutainment с използване на компютърна графика, *Математика и информатика*, т. 57, 4, 2014, 364 – 383 (ISSN 1310-2230).
1323. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014)

597. **Pavlov, R.**, G. Bogdanova, **D. Paneva-Marinova**, T. Todorov, **K. Rangochev**. Digital archive and multimedia library for Bulgarian traditional culture and folklore. *International Journal Information Theories and Applications*, Vol. 18, Number 3, 2011, 276–288. ISBN: 1310-0513.

цитирана в:

1324. Petic, M., D. Gifu. Transliteration and Alignment of Parallel Texts from Cyrillic to Latin. In: *Proceedings of LREC 2014, Ninth International Conference on Language Resources and Evaluation*, May 26-31, 2014, Reykjavik, Iceland, 2014, 1819-1823. ISBN 978-2-9517408-8-4
1325. Stewart, R., M. Monova-Zheleva, Y. Zhelev, L. Draganov: Coins from the Burgas Bay: Creation of a New Digital Numismatic Content in the Internet Representing the Economic and Cultural Development of Burgas Region from Ancient Times to the Present Days. In: *Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings*, Vol. 4, 2014, 247-255. ISSN 1314-4006
1326. Стюарт, Р., М. Монова-Желева, Я. Желев. Цифровизиране на музейните фондове – ИТ секторът в помощ на българското културно-историческо наследство. *Списание „Компютърни науки и комуникации”*, Т. 3, № 4, 2014, 74-82. ISSN: 1314-7846

598. **Bontchev, B.**, D. Vassileva. Learning Objects Types Dependability on Styles of Learning, *Proc. of 8th WSEAS International Conference on ENGINEERING EDUCATION (EDUCATION '11)*, ISBN978-1-61804-021-3, 14-16 July 2011, Corfu Island, Greece, 2011, 227-234.

цитирана в:

1327. Kurilovas, Eugenijus, Inga Zilinskiene, and Valentina Dagiene. (2014) "Recommending suitable learning scenarios according to learners' preferences: An improved swarm based approach", *Computers in Human Behavior*, ISSN: 0747-5632, Vol.30, 550-557. (5-Year Impact Factor: 3.047)

599. Garabík, R., **L. Dimitrova**, V. Koseska-Toszewa. Web Presentation of Bilingual Corpora (Slovak-Bulgarian and Bulgarian-Polish). In: Cognitive Studies|Études Cognitives, vol. 11, SOW, Warsaw, **2011**, 227-240. ISSN: 2080-7147, IF [ERIH nat]

цитирана в:

1328. Dutsova, R. Web-based software system for processing bilingual digital resources. In: Cognitive Studies | Études cognitives, vol. 14, 2014, 33-43. IF [ERIH nat] DOI: <http://dx.doi.org/10.11649/cs.2014.004>; <https://ispan.waw.pl>

600. **Dimitrova, L., R. Dutsova**, R. Panova. Survey on Current State of Bulgarian-Polish Online Dictionary. In Proceedings of the International Workshop “Language Technology for Digital Humanities and Cultural Heritage” within International Conference RANLP’2011, 16 September 2011, Hissar, Bulgaria, **2011**, 43-50. ISBN 978-954-452-019-9

цитирана в:

1329. Kovacheva, St. How to Incorporate New Knowledge in the History Courses for 4th and 5th Grade Pupils. In Proceedings of the International Conference Digital Presentation and Preservation of Cultural and Scientific Heritage DiPP 2014, 18-21 September 2014, Veliko Tarnovo, Bulgaria, 2014, 140-150. ISSN 1314-4006

1330. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

601. **Dimitrova, L., R. Dutsova**, R. Panova. 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, 11-14 September 2011, Veliko Tarnovo, Bulgaria, **2011**, 140-150. ISSN 1314-4006.

цитирана в:

1331. Kovacheva, St. How to Incorporate New Knowledge in the History Courses for 4th and 5th Grade Pupils. In Proceedings of the International Conference Digital Presentation and Preservation of Cultural and Scientific Heritage DiPP 2014, 18-21 September 2014, Veliko Tarnovo, Bulgaria, 2014, 140-150. ISSN 1314-4006

602. **Dimitrova, L., R. Garabík**. Bulgarian-Slovak Parallel Corpus. In: Proceedings of the Sixth International Conference NLP, Multilinguality SLOVKO’2011. Modra, Slovakia, **2011**, 44-50. ISBN 978-80-263-0049-6

цитирана в:

1332. R. Dutsova (2014) Web-based software system for processing bilingual digital resources. In: Cognitive Studies| Études cognitives, vol. 14, 33-43, 2014, IF [ERIH nat] DOI: <http://dx.doi.org/10.11649/cs.2014.004>; <https://ispan.waw.pl>

603. **Dimitrova, L.** V. Koseska–Toszewa, R. Garabík, T. Erjavec, L. Iomdin, V. Shyrokov, Main Results of MONDILEX project. International Journal Cognitive Studies/Études Cognitives. Vol. 11, SOW, Warsaw, **2011**. 265- 290

цитирана в:

1333. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

604. **Dimitrova, L., R. Garabík, V. Koseska–Toszewa.** Web-presentation of bilingual corpora (Slovak-Bulgarian and Bulgarian-Polish). *International Journal Cognitive Studies/Études Cognitives*, Vol. 11, SOW, Warsaw, **2011**. 227-239

цитирана в:

1334. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

605. **Pericliev, V.** On phonemic diversity and the origin of language in Africa. *Linguistic Typology* 15(2), **2011**, 217–221

цитирана в:

1335. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

606. **Pericliev, V.** Profiling Language Families by Their Kin Term Patterns: A Computational Approach . *LINCOM Etymological Studies (LES) 02. Lincom EUROPA: Muenchen*, **2011**, 177 pp. ISBN 9783862880546

цитирана в:

1336. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

607. **Pericliev, V.** The Kaingang-Austronesian relationship hypothesis: evidence from kinship terminology. *Journal of Universal Language* 12(2), **2011**, 103-126

цитирана в:

1337. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

608. **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, September 11-14, **2011**, Veliko Tarnovo, Bulgaria. Sofia: Institute of Mathematics and Informatics, **2011**, 182

цитирана в:

1338. Rangochev, K., M. Dimitrova, M. Goinov: *Encyclopaedia Slavica Sanctorum: Further Developments*. In: Pavlov, R., P. Stanchev. *Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 135 – 146. ISSN 1314-4006*

609. **Goynov, M., D. Paneva-Marinova, M. Dimitrova.** Online Access to the Encyclopaedia Slavica Sanctorum, In: *First International Conference on Digital Preservation and Presentation of Cultural and Scientific Heritage, 2011, Veliko Tarnovo, Bulgaria, 99–110. SSN 1314-7846*

цитирана в:

1339. Павлов, Р., Д. Лучев: *Технологични аспекти и услуги в цифрови библиотеки с културно-исторически съдържание, Компютърни науки и комуникации, Т. 3, № 4, 2014, 63-73. ISSN 1314-7846*

610. G.R. Agliardi, P. Popivanov, A. Slavova. Non-hypoellipticity and comparison principle for PDE of Black – Scholes type, *Nonlinear An.: Real World and Appl.* 12:3 (2011), ISSN: 1468-1218

цитирана в:

1340. M. Koleva, L Vilkov. A splitting numerical scheme for non-linear models of Mathematical finance, *Lecture models in computer science*, 8 353 (2014), pp. 602-610.

611. **T. Rangelov**, Y. Stoyanov, P. Dineva, Dynamic fracture behavior of functionally graded magneto-electroelastic solids by BIEM, *Int. J. Solids Str.*, 48, 2987-2999, 2011.

цитирана в:

1341. Wang, Y.-Z. , Kuna, M., Screw dislocation in functionally graded magneto-electroelastic solids, *Philosophical Magazine Letters*, 94(2), 72-79, 2014.
1342. Yu, K., Wu, L., Li, H., A domain-independent interaction integral for magneto-electro-elastic materials, *International Journal of Solids and Structures*, 51(2), 336-351, 2014.
1343. Kattimani, S. C. , Ray, M. C. , Smart damping of geometrically nonlinear vibrations of magneto-electro-elastic plates, *Composite Structures*, 114(1), 51-63, 2014.

612. P Radu, G Todorova, B Yordanov, Diffusion phenomenon in Hilbert spaces and applications, *Journal of Differential Equations*, 2011, Volume 250, Issue 11, 1 June 2011, Pages 4200–4218

цитирана в:

1344. J Wirth, Diffusion phenomena for partially dissipative hyperbolic systems *Journal of Mathematical Analysis and Applications*, 2014, Volume 414, Issue 2, 15 June 2014, Pages 666–677
1345. D Cruz-Uribe, A Fiorenza, M Ruzhansky, J Wirth, Variable Lebesgue Spaces and Hyperbolic Systems, *Advanced Courses in Mathematics - CRM Barcelona*, Volume 27 2014, online

613. Ghazalpour A, Bennett B, Petyuk VA, Orozco L, Hagopian R, Mungrue IN, Farber CR, Sinsheimer J, Kang HM, Furlotte N, Park CC, Wen PZ, Brewer H, Weitz K, Camp DG 2nd, Pan C, Yordanova R, Neuhaus I, Tilford C, Siemers N, Gargalovic P, Eskin E, Kirchgessner T, Smith DJ, Smith RD, Lusic AJ, Comparative Analysis of Proteome and Transcriptome Variation in Mouse, *PLoS Genet.* 2011 Jun;7(6):e1001393.

цитирана в:

1346. Wu, Yibo, Evan G. Williams, Sébastien Dubuis, Adrienne Mottis, Virginija Jovaisaite, Sander M. Houten, Carmen A. Argmann et al. "Multilayered Genetic and Omics Dissection of Mitochondrial Activity in a Mouse Reference Population." *Cell* 158, no. 6 (2014): 1415-1430.
1347. Chen, Dijun, Ming Chen, Thomas Altmann, and Christian Klukas. "Bridging Genomics and Phenomics." In *Approaches in Integrative Bioinformatics*, pp. 299-333. Springer Berlin Heidelberg, 2014.
1348. Zhang, Bing, et al. "Proteogenomic characterization of human colon and rectal cancer." *Nature* 513.7518 (2014): 382-387.

1349. Zhao, Shuang, et al. "A Comprehensive Analysis of CXCL12 Isoforms in Breast Cancer, *Translational oncology* (2014)
1350. Albert, Frank W., Dale Muzzey, Jonathan Weissman, and Leonid Kruglyak. "Genetic influences on translation in yeast." *arXiv preprint arXiv:1403.3449*(2014).
1351. McManus, C. Joel, et al. "Ribosome profiling reveals post-transcriptional buffering of divergent gene expression in yeast." *Genome research* 24.3 (2014): 422-430.
1352. Alli Shaik, Asfa, et al. "Functional mapping of the zebrafish early embryo proteome and transcriptome." *Journal of proteome research* (2014).
1353. Leanza, Luigi, et al. "Correlation between potassium channel expression and sensitivity to drug-induced cell death in tumor cell lines." *Current pharmaceutical design* 20.2 (2014): 189-200.
1354. Riley, Brigit E., et al. "Systems-Based Analyses of Brain Regions Functionally Impacted in Parkinson's Disease Reveals Underlying Causal Mechanisms." *PloS one* 9.8 (2014): e102909.
1355. Wang, X., Liu, Q., & Zhang, B. (2014). Leveraging the complementary nature of RNA-Seq and shotgun proteomics data. *Proteomics*.
1356. Winterberg, Britta, et al. "The necrotrophic effector protein SnTox3 reprograms metabolism and elicits a strong defence response in susceptible wheat leaves." *BMC plant biology* 14.1 (2014): 215.
1357. Yoshida, Masa-aki, et al. "Integrative omics analysis reveals differentially distributed proteins in dimorphic euspermatozoa of the squid, *Loligo bleekeri*." *Biochemical and biophysical research communications* (2014).
1358. Margres, Mark J., et al. "Linking the transcriptome and proteome to characterize the venom of the eastern diamondback rattlesnake (*Crotalus adamanteus*)." *Journal of proteomics* 96 (2014): 145-158.
1359. Annala, Arto, and Keith Baverstock. "Genes without prominence: a reappraisal of the foundations of biology." *Journal of The Royal Society Interface* 11.94 (2014): 20131017.
1360. Bao, Jie. *A Network View of the Dynamic Transcriptome Response*. Diss. Universitätsbibliothek Freiburg, 2014.
1361. Romão, Josué Moura. "Functional proteome and microRNAome of beef cattle adipose tissue." (2014).
1362. Ahmad, Aqeel, Sobiya Shafique, and Shazia Shafique. "Molecular basis of antifungal resistance in tomato varieties." *Pak. J. Agric. Sci.* 51.1 (2014): 1-5.
1363. Monte, Emma, and Thomas M. Vondriska. "Epigenomes: The missing heritability in human cardiovascular disease?." *PROTEOMICS-Clinical Applications* 8.7-8 (2014): 480-487.

2012

614. A. Prskawetz, **Ts. Tsachev**, V. Veliov, Optimal education in an age-structured model under changing labor demand and supply, *Macroeconomic Dynamics*, v. 16 (2012), 159–183,

DOI:10.1017/S1365100510000465.

цитирана в:

1364. Francisco Benita, A Cohort Analysis of the College Premium in Mexico, Latin American Journal of Economics, v. 51 (2014), No 1, 147—178. Online version ISSN 0719-0433

615. Pardo, J.C., Patie, P. and **Savov, M. (2012)** A Wiener-Hopf type of factorization for the exponential functional of Levy processes, J. of London Math. Soc. 96(2), 930--956, IF: 0.80.

цитирана в:

1365. Hackmann, D. and Kuznetsov, A. (2014) Asian options and meromorphic Levy processes, Finance Stochast., 18, No. 4, 835--844, ISSN 0949-2984, DOI 10.1007/s00780-014-0237-8, IF: 1.21.
1366. Pardo, J.C. and Rivero, V. (2014) Self-similar Markov processes, Bol Soc Matemat Mexico, 19, No. 2, 201--235, IF: 0.16.
1367. Bartholome, C. (2014) Self-similarity and Exponential Functionals of Levy Processes, PhD thesis, ULB, Belgium.

616. Patie, P. and **Savov, M. (2012)** Extended factorizations of exponential functionals of Levy processes, Electron. J. of Probab. 17, No.38, 1--22, IF: 0.785.

цитирана в:

1368. Hackmann, D. and Kuznetsov, A. (2014) Asian options and meromorphic Levy processes, Finance Stochast., 18, No. 4, 835--844, ISSN 0949-2984, DOI 10.1007/s00780-014-0237-8, IF: 1.21.
1369. Bartholome, C. (2014) Self-similarity and Exponential Functionals of Levy Processes, thesis, ULB, Belgium.

617. **Minchev Z.**, Cyber Threats in Social Networks and Users' Response Dynamics, IT4Sec Reports, No. 105, Institute of ICT, Bulgarian Academy of Sciences, December, **2012**, DOI: <http://dx.doi.org/10.11610/it4sec.0105>

цитирана в:

1370. Любен Боянов, Съвременното дигитално общество, ИК Лик, 162 стр., София, 2014, ISBN 954607819-0.

618. Ignatova B., **N. Kyurkchiev, A. Пиев.** 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 в:

1371. Soleymani, F., New class of eighth-order iterative zero-finders and their basins of attraction, Afr. Mat., 2014, ISSN (Print): 1012-9405, @**2014**
1372. Soleymani, F., Two novel classes of two-step optimal methods for all the zeros in an interval, Afr. Mat., 2014, ISSN (Print): 1012-9405, @**2014**
1373. Hafiz, M., Solving Nonlinear Equations Using Steffensen-Type Methods With Optimal Order of Convergence, Palestine Journal of Mathematics, Vol. 3 (1) (2014), 113--119, ISSN 2219-5688, @**2014**
1374. Lotfi, T., K. Mahdiani, P. Bakhtiari, F. Soleymani, Constructing two-step iterative methods with and without memory, Computational Mathematics

and Mathematical Physics, 55 (2), 2015, ISSN: 0965-5425, IF: 0.408,
@2014

1375. Cordero, A., F. Soleymani, J. Torregrosa, S. Shateyi, Basins of attraction for various Steffensen-type methods, *Journal of Applied Mathematics*, 2014, ISSN: 1110-757X, IF: 0.834, @2014
1376. Lotfi, T., F. Soleymani, S. Sharifi, S. Shateyi, K. Haghani, Multi-point iterative methods for finding all the simple zeros in an interval, *Journal of Applied Mathematics*, 2014, ISSN: 1110-757X, IF: 0.834, @2014
1377. Lotfi, T., K. Mahdiani, Z. Noori, F. Khaksar Haghani, S. Shateyi, On a new three-step class of methods and its acceleration for nonlinear equations, *Scientific World Journal*, ISSN: 1537-744X, 2014, IF: 1.219, @2014
1378. Nijmeijer, M., A Method to Accelerate the Convergence of the Secant Algorithm, *Advances in Numerical Analysis*, 2014, ISSN: 1687-9562, @2014

619. **Baicheva, T., S. Topalova**, Optimal (v,4,2,1) optical orthogonal codes with small parameters, *Journal of Combinatorial Designs*, 20 (2), **2012**, 142-160.

цитирана в:

1379. H. Zhao, D. Wu and R. Qin, Further results on balanced $(n, \{3,4\}, \lambda_{a,1})$ -OOCs, *Discrete Mathematics*, Vol. 337, 28 December 2014, 87-96.

620. **Bogdanova, G., K. Stoffel, T. Todorov, N. Noev**: Building OWL Ontology of Unique Bulgarian Bells Using Protégé Platform. In th: International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage (DiPP2012), Veliko Tarnovo, September, Vol.2, **2012**, 161-166. ISSN: 1314-4006

цитирана в:

1380. Лилия Р. Павлова: дисертация за присъждане на образователна и научна степен „доктор”. ИМИ, БАН, София. 2014.

621. **Bogdanova, G., T. Todorov, N. Noev, S. Kancheva**: Research on Linguistic Approaches, Used for Semantic Explanation of Bell's Knowledge. In the Proceedings of the Second International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, Veliko Tarnovo, Bulgaria, September 18-21, **2012**, 155-160. ISSN: 1314-4006

цитирана в:

1381. Лилия Р. Павлова, дисертация за присъждане на образователна и научна степен „доктор”, ИМИ, БАН, София, 2014.

622. **Ivanova K., P. Stanchev, E. Velikova, K. Vanhoof, B. Depaire, R. Kannan, I. Mitov, K. Markov**. Features for Art Painting Classification Based on Vector Quantization of MPEG-7 Descriptors. Proc. of the Second Int. Conf. on Data Engineering and Management ICDEM 2010, Tiruchirapalli, India, LNCS 6411, Springer Verlag, **2012**, 146 - 153

цитирана в:

1382. Qin Zou, Yu Cao, Qingquan Li, Chuanhe Huang, Song Wang, Chronological classification of ancient paintings using appearance and shape features, *Pattern Recognition Letters*, Volume 49, 1 November 2014, Pages 146-154, ISSN 0167-8655, <http://dx.doi.org/10.1016/j.patrec.2014.07.002>, @2014

623. **Ivanov, Kamen; Petrushev, Pencho**; Xu, Yuan, Decomposition of spaces of distributions induced by tensor product bases. *J. Funct. Anal.* 263, no. 5, (2012) 1147–1197.

цитирана в:

1383. Vareschi, T. Application of second generation wavelets to blind spherical deconvolution. *J. Multivariate Anal.* 124 (2014), 398–417.

624. **Кюркчиев, Н.**, Избрани глави от приложната финансова математика, Академично издателство ‘‘проф. Марин Дринов’’, 2012, ISBN 978-954-322-541-5:

цитирана в:

1384. Т. Янкова, Приложна математика. Финансова математика, Университетско издателство ‘‘Паисий Хилендарски’’, 2014.
1385. Й. Горчева, Експертни знания по финанси чрез учебното съдържание по математика и ИТ в училище, Сборник трудове на Седма Национална конференция ‘‘Образованието и изследванията в информационното общество’’, Пловдив, 29-30 май, 2014, 48-57.

625. Alt, R., **Markov, S.**, Theoretical and computational studies of some bioreactor models, *Computers and Mathematics with Applications*, 64(3), (2012) pp. 350-360, doi: 10.1016/j.camwa.2012.02.046.

цитирана в:

1386. Kiskinov, H., Zahariev, A., Zlatev, S., A generalised model of Monod including a delayed decay in bacterial populations, *Comptes Rendus de L'Academie Bulgare des Sciences*, 67 (2), (2014) pp. 173 - 180.
1387. Kiskinov, H., Zahariev, A., Zlatev, S., A new Monod type model accounting distributed delayed mortality in bacterial populations, *Comptes Rendus de L'Academie Bulgare des Sciences*, 67 (9), (2014) pp. 1211 – 1216.

626. **Popova E.D.**, Explicit Description of 2D Parametric Solution Sets, *BIT Numerical Mathematics* 52(1): 2012, 179-200,.

цитирана в:

1388. G. Mayer, A short description of the symmetric solution set, in: M. Nehmeier (Ed.), *Book of Abstracts, 16th GAMM-IMACS Int. Symposium on Scientific Computing, Computer Arithmetic and Validated Numerics (SCAN 2014)*, Univ. Wuerzburg, Germany, 2014, p. 107.
1389. Hladik, M., Strong solvability of linear interval systems with simple dependencies, *Internat. J. of Fuzzy Computation and Modelling*, 1.1 (2014):3-14.

627. **Popova E.D.**, Explicit Description of AE Solution Sets for Parametric Linear Systems, *SIAM Journal on Matrix Analysis and Applications* 33(4), 2012, 1172–1189.

цитирана в:

1390. Hladik, M., New Operator and Method for Solving Real Preconditioned Interval Linear Equations, *SIAM Journal on Numerical Analysis* 52(1):194-206 (2014).
1391. Hladik, M., Strong solvability of linear interval systems with simple dependencies, *Internat. J. of Fuzzy Computation and Modelling*, online 2014.

1392. Hladik, M., Robust optimal solutions in interval linear programming with forall-exists quantifiers, arXiv, 2014.
1393. Hladik, M., Interval linear algebra, Habilitation Thesys, Charles University, Prague, 2014.
1394. Li, Wei, Liu, Xiao, Li, Haohao, Generalized solutions to interval linear programs and related necessary and sufficient optimality conditions, Optimization Methods and Software, 2014, 1-15. DOI: 10.1080/10556788.2014.940948
1395. Jiajia Luo, Wei Li, Qin Wang, Checking strong optimality of interval linear programming with inequality constraints and nonnegative constraints, Journal of Computational and Applied Mathematics, 260 (2014) 180-190.
1396. Xia, Mengxue, LI, Wei, LI, Haohao, Farkas-type theorems for interval linear systems, Linear and Multilinear Algebra, 2014, 1-11. DOI: 10.1080/03081087.2014.940827
1397. Haohao Li, Jiajia Luo, Qin Wang, Solvability and feasibility of interval linear equations and inequalities, Linear Algebra and its Applications, 463 (2014) 78-94. ISSN 0024-3795

628. **Anguelov, Roumen**; Dumont, Yves; Lubuma, Jean, Mathematical modeling of sterile insect technology for control of anopheles mosquito, Conference: International Conference on Mathematical Methods and Models in Biosciences and School for Young Scientists (BIOMATH) Location: Bulgarian Acad Sci (BAS), Sofia, BULGARIA Date: JUN 15-18, 2011, COMPUTERS & MATHEMATICS WITH APPLICATIONS Volume: 64 Issue: 3 (2012), pp. 374-389.

цитирана в:

1398. Oliva, Clelia F.; Vreysen, Marc J. B.; Dupe, Sandrine; et al., Current status and future challenges for controlling malaria with the sterile insect technique: Technical and social perspectives ACTA TROPICA Volume: 132 Special Issue: SI Supplement: S (2014), S130-S139.
1399. Amaku, Marcos; Bezerra Coutinho, Francisco Antonio; Raimundo, Silvia Martorano; et al., A Comparative Analysis of the Relative Efficacy of Vector-Control Strategies Against Dengue Fever, BULLETIN OF MATHEMATICAL BIOLOGY Volume: 76 Issue: 3 (2014), pp. 697-717.

629. **Boumova, S., V. Drensky**: Cocharacters of polynomial identities of upper triangular matrices, J. Algebra and its Applications 11 (2012), No. 1, 1250018 (24 pages), DOI: 10.1142/S0219498811005440. ISSN 0219-4988.

цитирана в:

1400. Centrone, L., A. Cirrito: Y -Proper graded cocharacters of upper-triangular matrices of order m graded by the m -tuple $\varphi=(0,0,1,\dots,m-2)$, arXiv:1407.1701v1 [math.RA].

630. Domokos, M., **V. Drensky**: Defining relation for semi-invariants of three by three matrix triples, J. Pure Appl. Algebra 216 (2012), 2098-2105. ISSN 0022-4049.

цитирана в:

1401. Bremner, M., J. Hu, L. Oeding: The $3 \times 3 \times 3$ hyperdeterminant as a polynomial in the fundamental invariants for $SL_3(C) \times SL_3(C) \times SL_{3-3}(C)$, Math. Comput. Sci. 8 (2014), No. 2, 147-156. ISSN 1661-8270, 1661-8289.

631. WANG, Shuling, Najjun ZHAN, **Dimitar P. Guelev**: An Assume/Guarantee Based Compositional Calculus for Hybrid CSP. Theory and Applications of Models of Computation - 9th Annual Conference, (TAMC) **2012**, Beijing, China, May 16-21, 2012. Proceedings, pp. 72--83, 2012, doi 10.1007/978-3-642-29952-0_13, LNCS 7287, Springer isbn 978-3-642-29951-3.

цитирана в:

1402. GU, Bin, Liang ZOU: Refinement Calculus for Hybrid Systems. 19th International Conference on Engineering of Complex Computer Systems, pp. 176--185, 2014, doi 10.1109/ICECCS.2014.32, IEEE.

632. **Gateva-Ivanova, T.**: Quadratic algebras, Yang-Baxter equation, and Artin- Schelter regularity, Adv. in Math. 230 (**2012**), 2152-2175. ISSN: 0001-8708

цитирана в:

1403. Rump, W.: The brace of a classical group, Note Mat. 34 (2014) no. 1, 115-144. doi:10.1285/i15900932v34n1p115, ISSN 1123-2536, e-ISSN 1590-0932
1404. Zhou, G. S., D.M. Lu: Artin-Schelter regular algebras of dimension five with two generators, J. Pure Appl. Algebra, 218, (2014), 937-961, Elsevier, ISSN: 0022-4049.

633. **Gateva-Ivanova, T.**, Peter Cameron: Multipermutation solutions of the Yang—Baxter equation , Comm. Math. Phys, 309 (**2012**), 583-621. ISSN: 0010-3616 (Print) 1432-0916 (Online)

цитирана в:

1405. Cedó, F., E. Jespers, J. Okninski: Braces and the Yang-Baxter equation, Commun. Math. Phys., 327, 1 (2014), 01-116, ISSN: 0010-3616 (Print) 1432-0916 (Online)
1406. Bachiller, D., Ferran Cedó: A family of solutions of the Yang—Baxter equation, J. Algebra, 412, (2014) Pages 218—229, ISSN: 0021-8693

634. **Bazhlekova E.** Existence and uniqueness results for a fractional evolution equation in Hilbert space, Fract. Calc. Appl. Anal. (**2012**), 15 (2), pp. 232-243, ISSN: 1311-0454.

цитирана в:

1407. Dubey, S., Sharma, M., Solutions to fractional functional differential equations with nonlocal conditions (2014) Fractional Calculus and Applied Analysis, 17 (3), pp. 654-673
1408. Debbouche, A., D.FM Torres. "Sobolev Type Fractional Dynamic Equations and Optimal Multi-Integral Controls with Fractional Nonlocal Conditions." arXiv preprint arXiv:1409.6028 (2014).

635. **Bazhlekova E.**, Strict L^p solutions for nonautonomous fractional evolution equations, Math. Balkanica (N.S.), 26 (**2012**), Fasc.1-2, pp. 25-34 ISSN: 0205-3217

цитирана в:

1409. Dubey, S., Sharma, M. Solutions to fractional functional differential equations with nonlocal conditions (2014) Fractional Calculus and Applied Analysis, 17 (3), pp. 654-673

636. **Kiryakova V.**, Some operational tools for solving fractional and higher order differential equations, *AIP Conf. Proc.* 1497 (**2012**), 273-289, doi: 10.1063/1.4766795.

цитирана в:

1410. Takaci, Dj., Takaci, A., Takaci, Al., On the operational solutions of fuzzy fractional differential equations, *Fract. Calc. Appl. Anal.*, 2014, 17, No 4, 1100–1113, ISSN:1311-0454, 1314-2224

637. **Nikolov N.** Invariant functions and metrics in complex analysis, *Dissert. Math.* 486 (**2012**). ISSN 0012-3862(print) 1730-6310 (electronic).

цитирана в:

1411. Kosinski L., Holomorphic mappings preserving Minkowski functionals, *J. Math. Anal. Appl.* 409 (2014), 643-648.
1412. Budzynska M., T. Kutczumow, S. Reich, Limiting behavior of the Kobayashi distance, *Taiwanese J. Math.*, DOI: 10.11650/tjm.18.2014.4719.
1413. Kiseleman C. O., Weak lineal convexity, *Proceedings of the Conference on Constructive Approximation of Functions*, Banach Center Publ., 2015.

638. **Nikolov N.** Rigid characterizations of pseudoconvex domains (with P. J. Thomas), *Indiana Univ. Math. J.* 61 (**2012**), No 3, 1313-1323. ISSN 0022-2518.

цитирана в:

1414. Porten E., Two-dimensional slices of nonpseudoconvex domains with rough boundary, *Math. Z.* 278 (2014), 19-23.
1415. Hao Y., A. Wang, Kahler geometry of bounded pseudoconvex Hartogs domains, arXiv: 1411.4447.

639. **Nikolov N.** Two-dimensional slices of non-pseudoconvex open sets (with P. Pflug), *Math. Z.* 272 (**2012**), No 1-2, 381-388. ISSN 0025-5874 (print) 1432-1823 (online).

цитирана в:

1416. Porten E., Two-dimensional slices of nonpseudoconvex domains with rough boundary, *Math. Z.* 278 (2014), 19-23.

640. **Paneva-Konovska J.**, Inequalities and Asymptotic Formulae for the Three Parametric Mittag-Leffler Functions.// *Mathematica Balkanica, New Series* **26**, Fasc. 1-2, **2012**, 203-210, ISSN 0205-3217

цитирана в:

1417. Sandev T., R. Metzler, Ž. Tomovski, Correlation functions for the fractional generalized Langevin equation in the presence of internal and external noise *Journal of Mathematical Physics* **55**, 023301, 1-23 (2014)
<http://dx.doi.org/10.1063/1.4863478>
1418. Sandev T., Ž. Tomovski, Langevin equation for a free particle driven by power law type of noises, *Physics Letters A* **378** (2014) 1–9
<http://dx.doi.org/10.1016/j.physleta.2013.10.038>

641. **Paneva-Konovska J.** Fatou Type Theorems for Series in Mittag-Leffler Functions. AMEE 2012. AIP Conf. proceedings, **1497 (2012)**, 318-325; (In: *American Institute of Physics – Conf. Proc. 1497*). doi: 10.1063/1.4766800

цитирана в:

1419. Sandev T., Ž. Tomovski, Langevin equation for a free particle driven by power law type of noises, *Physics Letters A* **378** (2014) 1–9
<http://dx.doi.org/10.1016/j.physleta.2013.10.038>

642. **Paneva-Konovska J.**, Three-multi-index Mittag-Leffler functions, series and convergence theorems. // Proceedings of FDA'12, Nanjing (**2012**)

цитирана в:

1420. Gorenflo R., A. Kilbas, Fr. Mainardi, S. Rogosin; *Mittag-Leffler Functions: Related Topics and Applications* // Springer-Verlag, 2014; DOI 10.1007/978-3-662-43930-2, ISSN 1439-7382, ISBN 978-3-662-43929-6

643. **Йордан Табов.** Ноевият ковчег и реката Мосхус в легендите за славяните. *Родознание/Genealogia* 1-2, XVII (**2012**), 185-201. ISSN 0861-9573

цитирана в:

1421. Георгиев, П. Мизия, тук е и България. Булга Медиа, София, 2014. ISBN 978-954-9670-12-7

644. **Гроздев, С., В. Ненков:** Три забележителни точки върху медианите на триъгълника. Архимед, София, **2012**. (ISBN 978-954-779-136-7), 64 страници

цитирана в:

1422. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.
1423. Shabanova, M., A. Yastrebov, O. Bezumova, S. Kotva, M. Pavlova: Experimental Mathematics and Mathematics Education, Proc. SGEM 2014 Multidisciplinary Scientific Conference on Social Sciences and Arts (Section Education & Educational Research) 1 – 9 September 2014, Volume 1, ISBN 978-619-7105-22-3 / ISSN 2367-5659.

645. **Гроздев, С., Х. Лесов:** Зимни математически състезания. ВУЗФ, София, **2012**. (ISBN 978-954-8590-17-4), 351 страници.

цитирана в:

1424. Пашкулева, Д.: Един класически учебник по алгебра, Математика и информатика, т. 57, 1, 2014, 79–83 (ISSN 1310-2230).

646. **Гроздев, С., В. Ненков:** Около ортоцентъра в равнината и пространството. Архимед, София, **2012**. (ISBN 978-954-779-145-9), 120 страници.

цитирана в:

1425. Shabanova, M., A. Yastrebov, O. Bezumova, S. Kotva, M. Pavlova: Experimental Mathematics and Mathematics Education, Proc. SGEM 2014 Multidisciplinary Scientific Conference on Social Sciences and Arts (Section Education & Educational Research) 1 – 9 September 2014, Volume 1, ISBN 978-619-7105-22-3 / ISSN 2367-5659.

647. **Гроздев, С., Т. Терзиева:** Статичные и динамичные средства для визуализации методом сортировки массивов, Педагогическая информатика, 1, **2012**, 60 – 72 (ISSN 2070-9013)

цитирана в:

1426. Крушкова, М.: Методика за активно обучение по програмиране чрез използване на информационни и комуникационни технологии (дисертация за присъждане на образователната и научна степен “доктор”), ПУ “П. Хилендарски, Пловдив, 2014 (28.11.2014)

648. Сергеева, Т., **С. Гроздев:** Субектност как методологически принцип информатизации образования, Математика и информатика, т. 55, 3, **2012**, 201–206 (ISSN 1310-2230).

цитирана в:

1427. Rusakov, A.: On the self-learning activities of university students, Proceedings of the 43-rd Spring Conference of UBM, Borovetz, April 2–6, 2014, Sofia, 2014, pp. 211 – 215.
1428. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.

649. Kenderov, P., **Sendova, E. & Chehlarova, T.** IBME and ICT – the experience in Bulgaria. In: Baptist, P. & Raab, D. (Eds.), Implementing inquiry in mathematics education. Bayreuth, Germany: **2012**, pp. 47-54.

цитирана в:

1429. **Gortcheva, I.:** Word problems on stage: An appealing approach to inquiry-based learning and bridge to humanities. Educational Policies in the 21st Century, 2014, 59-65. Sofia, Center for Creative Training, ISBN 978-619-90168-3-1.
1430. **Gortcheva, I.:** Inside the piggy bank: Mathematics, finance and IT lessons for young and old. Educational Policies in the 21st Century, 2014, 137-142. Sofia, Center for Creative Training, ISBN 978-619-90168-3-1.

650. **Bontchev, B.** A Framework for Educational Word Games, Int. Conf. on Intelligent Computational Systems (ICICS'2012), Dubai, 7-8 January **2012**, 134-138. ISBN 978-81-922428-4-2

цитирана в:

1431. Topaloglu, E. A task flow design tool for serious games: an extended version of UML-AD (UML-ADE), MSc Thesis, Atilim Univ., Turkey, 2014

651. **Dimitrova, L., V. Koseska.** Bulgarian-Polish Parallel Corpus and Quantification of Time. In: Cognitive Studies|Études cognitives, vol. 12, SOW, Warsaw, **2012**. ISSN: 2080-7147, IF [ERIH nat]

цитирана в:

1432. Kisiel, A., J. Satoła-Staśkowiak, W. Sosnowski. The Need for an Electronic Multilingual Dictionary. In: Cognitive Studies|Études Cognitives, vol. 14, SOW Publishing House, Warsaw, 2014, 55-64. IF [ERIH nat] DOI: 10.11649/cs.2014.006; <https://ispan.waw.pl>

652. **Pericliev, V.** Formulating and misformulating language universals. Folia Linguistica

(Societas Linguistica Europaea) 46(1), **2012**, 211–232

цитирана в:

1433. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

653. Bogdanova, G., **R. Pavlov**. Development of New Solutions in the Field of Digitization and Digital Presentation of the National Folklore Heritage. In: Proceedings of the Second International Conference “Digital Presentation and Preservation of Cultural and Scientific Heritage”, 2012, Veliko Tarnovo, Bulgaria. Sofia, **2012**, 52-59.

цитирана в:

1434. Rangochev, K., M. Dimitrova, M. Goinov: Encyclopaedia Slavica Sanctorum: Further Developments. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 135 – 146. ISSN 1314-4006

654. Pavlova-Draganova, L., **D. Luchev, M. Goynov**. Modelling the Functionality of the Multimedia Digital Library for Fashion Objects. In: Proceedings of International Conference “Digital Presentation and Preservation of Cultural and Scientific Heritage”, September 18-21, 2012, Veliko Tarnovo, **2012**, 193-198.

цитирана в:

1435. Ivanova, K., G. Bogdanova, K. Zdravkov, R. Pavlov, D. Paneva-Marinova. Project "North +": documenting, preserving and providing public access to the cultural heritage in libraries, museums, archives and galleries in North and Central Bulgaria. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 263-269. ISSN 1314-4006

655. **Dutsova, R.** Online Dictionary - Tool for Preservation of Language Heritage. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2012, Veliko Tarnovo, Bulgaria. Proceedings, **2012**, 142 – 154. ISSN 1314-4006

цитирана в:

1436. Dimitrova, L., Koseska–Toszewa, V. Semantics Properties of Selected Universal Language Categories in Digital Bilingual Resources. Demetra Ltd Publishers, Sofia, 2014, 155 pp. ISBN 978-954-8986-40-3

656. R. Müller, P. Dineva, **T. Rangelov**, D. Gross, Anti-plane dynamic hole-crack interaction in a functionally graded piezoelectric media, Arch. Appl. Mech., 82:1, 97-110, **2012**.

цитирана в:

1437. Kubair, D. V. , Stress concentration factor in functionally graded plates with circular holes subjected to anti-plane shear loading, Journal of Elasticity, 114(2), 179-196, 2014.

657. Ognyan Christov, Sevdzhan Hakkaev, Iliya D. Iliev, Non-uniform continuity of Holm-Staley b-family of equations, Nonlin. Anal. T.M.A. 75 (**2012**), no. 13, 4821--4838.

цитирана в:

1438. Weipeng Hu, Zichen Deng, Yu Zhang, Multi-symplectic method for peakon-antipeakon collision of quasi-Degasperis-Processi equation, *Comput. Phys. Commun.* 185 (2014), 2020--2028.

658. Unraveling Inflammatory Responses using Systems Genetics and Gene-Environment Interactions in Macrophages, Orozco LD, Bennett BJ, Farber CR, Ghazalpour A, Pan C, Che N, Wen P, Qi HX, Mutukulu A, Siemers N, Neuhaus I, Yordanova R, Gargalovic P, Pellegrini M, Kirchgessner T, Lusk AJ., *Cell.* **2012** Oct 26;151(3):658-70.

цитирана в:

1439. Mark Lee et al, Common genetic variants modulate pathogen-sensing responses in human dendritic cells, *Science* 7 March 2014: 343 (6175), 1246980 [DOI: 10.1126 /science. 1246980
1440. BP Fairfax, P Humburg et al, Innate Immune Activity Conditions the Effect of Regulatory Variants upon Monocyte Gene Expression, *Science* 7 March 2014, Vol. 343 no. 6175, 1246949 [DOI:10.1126/science.1246949]
1441. Sudarsanam, Priya, and Barak A. Cohen. "Single Nucleotide Variants in Transcription Factors Associate More Tightly with Phenotype than with Gene Expression." *PLoS genetics* 10.5 (2014): e1004325.
1442. Mostafavi, Sara, et al. "Variation and Genetic Control of Gene Expression in Primary Immunocytes across Inbred Mouse Strains." *The Journal of Immunology* 193.9 (2014): 4485-4496.
1443. Wei, Juncheng, et al. "The GTPase-activating protein GIT2 protects against colitis by negatively regulating Toll-like receptor signaling." *Proceedings of the National Academy of Sciences* (2014): 201309218.
1444. Lewis, Jeffrey A., et al. "Genetic architecture of ethanol-responsive transcriptome variation in *Saccharomyces cerevisiae* strains." *Genetics* 198.1 (2014): 369-382.
1445. Levian, Candace, Esmeralda Ruiz, and Xia Yang. "The Pathogenesis of Obesity from a Genomic and Systems Biology Perspective." *The Yale Journal of Biology and Medicine* 87.2 (2014): 113.
1446. Monte, Emma, and Thomas M. Vondriska. "Epigenomes: The missing heritability in human cardiovascular disease?." *PROTEOMICS-Clinical Applications* 8.7-8 (2014): 480-487.
1447. Kessler, T., et al. "Genetische Analysen als Basis einer individualisierten Medizin bei koronarer Herzkrankheit." *Herz* 39.2 (2014): 186-193.

659. M. Zimmer, W. Kraemer, **Popova E.D.**, Solvers for the verified solution of parametric linear systems, *Computing*, (2012) 94:109-123. ISSN: 0010-485X

цитирана в:

1448. Hladik, Milan: An Extension of the alpha-BB-type Underestimation to Linear Parametric Hessian Matrices, in L.G. Casado, I. Garcia, E.M.T. Hendrix (Eds) *Proceedings of the XII GLOBAL OPTIMIZATION WORKSHOP, MATHEMATICAL AND APPLIED GLOBAL OPTIMIZATION (MAGO) 2014*, pp. 105-108, 2014. ISBN: 978-84-16027-57-6

660. G. Ganchev, V. Milousheva, *An invariant theory of marginally trapped surfaces in the four-dimensional Minkowski space.* *J. Math. Phys.*, **53** (2012), Article ID: 033705, 15 pp, DOI:

10.1063/1.3693976

цитирана в:

1449. N. Turgay, E. Canfes, *On the minimal submanifolds with finite type Gauss map in semi-Euclidean spaces*, In: Mathematical Applications in Modern Science, N. Mastrorakis, M. Demiralp, and A. Beckwith (Eds), Proceedings of the 19th International Conference on Applied Mathematics (AMATH'14), WSEAS Press, (2014), 60-65.

2013

661. Kolb, M., **Savov, M.** and Wubcker, A. (2013) (Non-) Ergodicity of a Degenerate Diffusion Modeling the Fiber Lay Down Process, SIAM J. Math. Anal., 45 No.1, 1--13, IF: 1.573.

цитирана в:

1450. Grothuas, M., and Stilgenbauer, P. (2014) Hypocoercivity for Kolmogorov backward evolution equations and applications, J. Funct. Anal., 267 No.10, 3515 - 3556, IF: 1.25.
1451. Roth, A., Klar, A, Simeon, B. and Zharovsky, E. (2014) Hypocoercivity for Kolmogorov backward evolution equations and applications, J. Sci. Comput., DOI: 10.1007/s10915-014-9835-z, IF: 1.573.

662. Aurzada, F., Doering, L. and **Savov, M.** (2013) Chung LIL for Levy processes at small times, Bernoulli, 19, No.1, 115--136, IF: 0.94

цитирана в:

1452. Knopova, V. and Schilling, R. (2014) On the small-time behaviour of Levy type processes, Stochastic Process. Appl., 124, No. 6, 2249--2265, IF: 1.01

663. Patie, P. and **Savov, M.** (2013) Exponential functional of Levy processes: Generalized Weierstrass products and Wiener-Hopf factorization, Comptes Rendus Mathematique, 351, No.9-10, 393—396, IF: 0.477.

цитирана в:

1453. Hackmann, D. and Kuznetsov, A. (2014) Asian options and meromorphic Levy processes, Finance Stochast., 18, No. 4, 835--844, ISSN 0949-2984, DOI 10.1007/s00780-014-0237-8, IF: 1.21.
1454. Pardo, JC. and Rivero, V. (2014) Self-similar Markov processes, Bol Soc Matemat Mexico, 19, No. 2, 201--235, IF: 0.16.
1455. Bartholome, C. (2014) Self-similarity and Exponential Functionals of Levy Processes, PhD thesis, ULB, Belgium.

664. Sanchez, I., Mangoo-Karim, R., Stubbs, J.R., **Yanev, G.P.**, and Wetmore, J.B. (2013). Racial and ethnic differences in 25-hydroxyvitamin D levels patients with chronic kidney disease. International Urology and Nephrology, Springer, 45, 1:181–189.

цитирана в:

1456. Wei Ren Chen, Zhi Ying Liu, Yang Shi, Da Wei Yin, Hao Wang, Yuan Sha, Yun Dai Chen (2014) Vitamin D and nifedipine in the treatment of Chinese patients with grades I–II essential hypertension: A randomized placebo-controlled trial. Atherosclerosis, 235(2014), 1:102–109.

1457. Wei Ren Chen, Yun Dai Chen, Yang Shi, Da Wei Yin, Hao Wang. Effects of vitamin D on plasma lipid profiles in statin-treated patients with hypercholesterolemia: a randomized placebo-controlled trial, *Clinical Nutrition* 01/2014; DOI: 10.1016/j.clnu.2014.04.017.

665. **Minchev Z.**, 2D vs 3D Visualization & Social Networks Entertainment Games. A Human Factor Response Case Study, In Proceedings of 12th International Conference, ICEC 2013, São Paulo, Brazil, October 16-18, 2013 (Editors: Junia C. Anacleto, Esteban W. G. Clua, Flavio S. Correa da Silva, Sidney Fels, Hyun S. Yang), *Lecture Notes in Computer Science*, Vol. 8215 **2013**, Pages 107-113, ISBN: 978-3-642-41105-2 (p), 978-3-642-41106-9 (e).

цитирана в:

1458. Любен Боянов, Съвременното дигитално общество, ИК Лик, 162 стр., София, 2014, ISBN 954607819-0.

666. **Минчев Зл.**, Сигурност в дигиталното общество. Технологични перспективи и предизвикателства. Наука, образование, сигурност. Сборник доклади от юбилейна международна научна конференция "Десет години образование по сигурност в НБУ: състояние и перспективи пред обучението в условия на динамична и труднопредвидима среда". София, Издателство „Планета-3“, 438-444, **2013**, ISBN 978-954-535-796-1.

цитирана в:

1459. Любен Боянов, Съвременното дигитално общество, ИК Лик, 162 стр., София, 2014, ISBN 954607819-0.

667. Dangovski, R., **V. Drensky**, Ş. Findık: Weitzenböck derivations of free metabelian Lie algebras, *Linear Alg. Appl.* 439 (**2013**), No. 10, 3279-3296. ISSN 0024-3795.

цитирана в:

1460. Agore, A. L., G. Militaru: Itô's theorem and metabelian Leibniz algebras, arXiv: 1401.4675v1 [math.RA].

668. **Kyurkchiev, N., A. Iliev.** On some multipoint methods arising from optimal in the sense of Kung – Traub algorithms. *International Journal of Mathematical Methods and Models in Biosciences*, 2, 1, **2013**, ISSN:1314-684X

цитирана в:

1461. Lotfi, T., K. Mahdiani, P. Bakhtiari, F. Soleymani, Constructing two-step iterative methods with and without memory, *Computational Mathematics and Mathematical Physics*, 55 (2), 2015, ISSN: 0965-5425, IF: 0.408, @**2014**
1462. Lotfi, T., F. Soleymani, S. Sharifi, S. Shateyi, K. Haghani, Multi-point iterative methods for finding all the simple zeros in an interval, *Journal of Applied Mathematics*, 2014, ISSN: 1110-757X, IF: 0.834, @**2014**
1463. Lotfi, T., F. Soleymani, Z. Noori, A. Kiliçman, Efficient iterative methods with and without memory possessing high efficiency indices, *Discrete Dynamics in Nature and Society*, 2014, ISSN: 1026-0226 (Print), IF: 0.820, @**2014**
1464. Sharifi, M., S. Vanani, F. Haghani, M. Arab, S. Shateyi, On a new iterative scheme without memory with optimal eighth-order, *Scientific World Journal*, ISSN: 1537-744X, 2014, IF: 1.219, @**2014**

1465. Lotfi, T., K. Mahdiani, Z. Noori, F. Khaksar Haghani, S. Shateyi, On a new three-step class of methods and its acceleration for nonlinear equations, *Scientific World Journal*, ISSN: 1537-744X, 2014, IF: 1.219, @2014

669. **Baicheva, T., S. Topalova**, Optimal $(v, 5, 2, 1)$ optical orthogonal codes of small v , *Applical Algebra in Engeneering Communication and Computing*, vol. 24, numbers 3-4, **2013**, 165-177.

цитирана в:

1466. H. Zhao, D. Wu and R. Qin, Further results on balanced $(n, \{3,4\}, \lambda_{a,1})$ -OOCs, *Discrete Mathematics*, Vol. 337, 28 December 2014, 87–96.

670. **Bogdanova G., Todorov T., N. Noev**: Digitization and 3D Scanning of Historical Artifacts, Международна конференция Digital Preservation and Presentation of Cultural and Scientific Heritage - DiPP`13, Veliko Tarnovo, Bulgaria, 18-21 Sept, **2013**, Vol. 3, No 1, 2013, 133-138. ISSN: 1314-4006

цитирана в:

1467. Paneva-Marinova, M. Gounov, D. Luchev: Toward Wider Sharing of Iconographical Art Content. Digital Preservation and Presentation of Cultural and Scientific Heritage - DiPP`14, Veliko Tarnovo, Bulgaria, 18-21 Sept, Vol.4, 2014, 127-134. ISSN: 1314-4006
1468. Straub, Jeremy, Scott Kerlin: Development of a Large, Low-Cost, Instant 3D Scanner. *Technologies*, 2, 2014, 76-95; doi:10.3390/technologies2020076 ISSN 2227-7080

671. Д. Атанасова, **Г. Богданова**, К. Иванова: Електронен архив на документалното наследство за Балканските войни. Digital Presentation and Preservation of Cultural and Scientific Heritage, (Special) Иновации и култура – регионални решения и перспективи, Регион Велико Търново – кандидат за европейска столица на културата 2019, В. Търново, **2013**, 75-79. ISBN: 978-954-8986-36-6

цитирана в:

1469. Todorov T., N. Noev: Tehnology of Three-Dimensional Scanning “Structured Light”. Digital Preservation and Presentation of Cultural and Scientific Heritage - DiPP`14, Veliko Tarnovo, Bulgaria, 18-21 Sept, Vol. 4, 2014, 87-94. ISSN: 1314-4006.

672. **Bogdanova G., T. Todorov**, H. Noev: Digitization and 3D Scanning of Historical Artifacts. Digital Preservation and Presentation of Cultural and Scientific Heritage (DiPP13), Veliko Tarnovo, Bulgaria, 18-21 Sept, **2013**, Vol. 3, No 1, 2013, 133-138. ISSN: 1314-4006

цитирана в:

1470. Pellicer A.Nácher: Museums and ICT. A green perspective. Aalto University School of Science, Theses. 2014

673. **Bouyuklieva, S, I. Bouyukliev**, M Harada, Some extremal self-dual codes and unimodular lattices in dimension 40, *Finite Fields and Their Applications* 21, **2013**, 67-83.

цитирана в:

1471. Ernvall-Hytonen, A. Some results related to the conjecture by Belfiore and Sol'e. (2014): 1-1. *Information Theory, IEEE Transactions on Information Theory* 60 , 6, 2805 – 2812.

674. Манев К., **Н. Манева**, и др.. Информатика, 9-10 клас, Задължителна подготовка. , изд. Изкуство, **2013**

цитирана в:

1472. Атанасова Г., Ролята на алгоритмите за изграждане на професионална компетентност в областта на компютърните науки, Русе, 2014, дисертация, @**2014**

675. **Пиев, А.**, Rahneva, O., Pavlov, N.. Insurance and Insurance Information Systems. , Lightning Source UK Ltd., **2013**, ISBN:978-3-99034-205-3

цитирана в:

1473. Кюркчиев, Н. Избрани глави от Приложната застрахователната математика, електронно учебно пособие, Пловдив, 2014., @**2014**

676. Georgieva, M., N. Razkazov, M. Petrova, G. Avdeev, **D. Dobrev**: Preparation of chemical dispersion coatings with included boron nitride“, Transactions of the Institute of Metal Finishing, ISSN: 0020-2967, 91 (2) (**2013**) 96-100.

цитирана в:

1474. Walsh, F.C., C. Ponce De Leon: A review of the electrodeposition of metal matrix composite coatings by inclusion of particles in a metal layer: An established and diversifying technology, Transactions of the Institute of Metal Finishing, 92 (2) (2014) 83-98
1475. Jelinek, T.W.: Advances in surface finishing - A review of the international literature in 2012/2013 [Fortschritte in der Galvanotechnik: Eine Auswertung der internationalen Fachliteratur 2012/2013], Galvanotechnik, 105 (1) (2014) 18-37

677. **Bazhlekova, E.** Properties of the fundamental and the impulse-response solutions of multi-term fractional differential equations, in: V. Kiryakova (Ed.), Complex Analysis and Applications '13 (Proc. Intern. Conf.,Sofia, **2013**), Bulg. Acad. Sci. Sofia, 2013, pp. 55–64. ISBN 978-954-8986-37-3

цитирана в:

1476. Choudhary, S., V. Daftardar-Gejji, Nonlinear multi-order fractional differential equations with periodic/anti-periodic boundary conditions, Fractional Calculus and Applied Analysis, 2014, Vol. 17, Iss. 2, 333-347
1477. Atanackovic, T., D. Dolicanin, S. Pilipovic, B. Stankovic, Cauchy problems for some classes of linear fractional differential equations, Fractional Calculus and Applied Analysis, 2014, Vol. 17, Iss. 4, 1039-1059
1478. Jin, B.; Lazarov, R.; Liu, Y.; Zhou, Z. The Galerkin finite element method for a multi-term time-fractional diffusion equation. Journal of Computational Physics, 2015, vol. 281, pp. 825–843.
1479. Li, Z., Y. Liu, M. Yamamoto, Initial-Boundary Value Problems for Multi-Term Time-Fractional Diffusion Equations with Positive Constant Coefficients, arXiv:1312.2112v2

678. **Bazhlekova, E., I. Dimovski** Exact solution for the fractional cable equation with nonlocal boundary conditions, *Central European Journal of Physics*, Volume 11, Issue 10, (2013), pp 1304-1313, ISSN: 1895-1082, IF 0.905(2012)

цитирана в:

1480. Dubey, S., Sharma, M., Solutions to fractional functional differential equations with nonlocal conditions (2014) *Fractional Calculus and Applied Analysis*, 17 (3), pp. 654-673.

679. **Bazhlekova E.**, Series solution of a nonlocal problem for a time-fractional diffusion-wave equation with damping, *C. R. Acad. Bulg. Sci.* 66 (8) (2013), pp. 1091-1096, ISSN 1310-1331

цитирана в:

1481. Gorenflo, R., A.A. Kilbas, F. Mainardi, S. V. Rogosin. "Mittag-Leffler Functions: Related Topics and Applications." Springer Monographs in Mathematics, 2014.

680. **Ganchev G., V. Milousheva**, Timelike surfaces with zero mean curvature in Minkowski 4-space. // *Israel Journal of Mathematics*, 196 (2013), 413-433

цитирана в:

1482. N. Ando, Surfaces with zero mean curvature vector in 4-dimensional space forms, Preprint available at <http://www.sci.kumamoto-u.ac.jp/>

681. Luchko Yu., **V. Kiryakova**, The Mellin integral transform in fractional calculus, *Fract. Calc. Appl. Anal.*, 16, No 2 (2013), 405-430.

цитирана в:

1483. Liu, K., Hu, R.-J., Cattani, C., Xie, G.-N., Yang, X.-J., Zhao, Y., Local fractional Z -transforms with applications to signals on cantor sets // *Abstract and Applied Analysis*, 2014, 2014, Article # 638648, ISSN 1085-3375, 1687-0409
1484. Kirk, C. M., Olmstead, W. E., Thermal blow-up in a subdiffusive medium due to a nonlinear boundary flux // *Fract. Calc. Appl. Anal.*, 2014, 17, No 1, 191-205, ISSN 1311-0454, 1314-2224

682. **Kiryakova V.**, Yu. Luchko, Riemann-Liouville and Caputo type multiple Erdelyi-Kober operators // *Central European J. Phys.*, 11, No 10 (2013), 1314-1336, doi: 10.2478/s11534-013-0217-1.

цитирана в:

1485. Garra, R., Giusti, A., Mainardi, F., Pagnini, G., Fractional relaxation with time-varying coefficient, *Fract. Calc. Appl. Anal.*, 2014, 17, No 2, 424-439, ISSN 1311-0454, 1314-2224

683. **Milousheva V.**, Marginally trapped surfaces with pointwise 1-type Gauss map in Minkowski 4-space // *Int. Journal of Geom.*, 2 (1), 2013, 34-43.

цитирана в:

1486. Chen B.-Y., *Total Mean Curvature and Submanifolds of Finite Type*. Second Edition. World Scientific, 2014.

1487. Aksoyak F., Y. Yayli, Boost Invariant Surfaces with Pointwise 1-Type Gauss Map in Minkowski 4-Space // *Bull. Korean Math. Soc.*, **51** (6), 2014, 1863-1874

684. **Nikolov N.** On extremums of sums of powered distances to a finite set of points (with R. Rafaelov), *Geom. Dedicata*. 167 (2013), No 2, 69-89. ISSN 0046-5755 (print) 1572-9168 (online).

цитирана в:

1488. Borodachov S. V., N. Bosuwan, Asymptotics of discrete Riesz d-polarization on subsets of d-dimensional manifolds, *Potential Anal.* 41 (2014), 35-49.

685. **Nikolov N.** On different extremal bases for C-convex domains (with P. Pflug and P. J. Thomas), *Proc. Amer. Math. Soc.* 141 (2013), No 9, 3223-3230. ISSN 0002-9939 (print) 1088-6826 (online).

цитирана в:

1489. Charpentier F., Y. Dupain, M. Mounkaila, Estimates for solutions of the $\bar{\partial}$ -equation and application to the characterization of the zero varieties of the functions of the Nevanlinna class for lineally convex domains of finite type, *J. Geom. Anal.* 24 (2014), 1860-1881.

1490. Jasiczak M., Extension and restriction for Bergman scale of spaces and one dimensional subvarieties on convex finite type domains, *Nagoya Math. J.* (to appear).

1491. Kiseleman C. O., Weak lineal convexity, *Proceedings of the Conference on Constructive Approximation of Functions*, Banach Center Publ., 2015.

686. **Paneva-Konovska J.**, On the multi-index (3m-parametric) Mittag-Leffler functions, fractional calculus relations and series convergence, *Cent. Eur. J. Phys. (CEJP)* **11**, 2013, no. 10, 1164-1177. DOI: 10.2478/s11534-013-0263-8

цитирана в:

1492. Sandev T., Ž. Tomovski, Langevin equation for a free particle driven by power law type of noises, *Physics Letters A* **378** (2014) 1–9
<http://dx.doi.org/10.1016/j.physleta.2013.10.038>

1493. Sandev T., R. Metzler, Ž. Tomovski, Correlation functions for the fractional generalized Langevin equation in the presence of internal and external noise *Journal of Mathematical Physics* **55**, 023301, 1-23 (2014)
<http://dx.doi.org/10.1063/1.4863478>

687. **Krassimir Markov, Krassimira Ivanova**, Vitalii Velychko, “Usefulness of Scientific Contributions”, *International Journal “Information Theories and Applications”*, Vol. 20, Number 1, 2013, ISSN 1310-0513 (printed), ISSN 1313-0463 (online), pp. 4-38.

цитирана в:

1494. Vladimir Atanassov, Ekaterina Detcheva, “Shaping the Citation-Paper Rank Distributions: Beyond Hirsch’s Model”, *International Journal "Information Models and Analyses"*, Volume3, Number 1, 2014, pp. 53-67.

1495. Vladimir Atanassov, Ekaterina Detcheva, “Self-Citations Effect on Scientometric Indexes”, *International Journal "Information Models and Analyses"*, Volume 3, Number 1, 2014, pp.68-83.

688. Buck, M., **Илев, О.**, Andrä, H., Multiscale finite element coarse spaces for the application to linear elasticity, *Central European Journal of Mathematics*, 11 (4), (2013), pp. 680-701.

цитирана в:

1496. Lazarov, B.S., Topology optimization using multiscale finite element method for high-contrast media, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 8353 LNCS, (2014), pp. 339-346.

689. **Krastanov, M. I.**, M Quincampoix, On the small-time controllability of discontinuous piecewise linear systems, *Systems & Control Letters*, 62 (2), 2013, 218–223.

цитирана в:

1497. Jing Chen, Yunxia Ni, Parameter Identification Methods for an Additive Nonlinear System, *Circuits, Systems, and Signal Processing* 33, 2014, 3053-3064.

690. **N. Kyurkchiev**, A. Ilev, On some multipoint methods arising from optimal in the sense of Kung – Traub algorithms, *International Journal of Mathematical Methods and Models in Biosciences*, 2 (1), 2013, 1-7, ISSN 1314-684X.

цитирана в:

1498. Lotfi, T.,F. Soleymani, S. Sharifi, S. Shatey, F. Haghani, Multipoint iterative methods for solving all the simple zeros in an interval, *J. Appl. Math., Journal of Applied Mathematics* Volume 2014 (2014), Article ID 601205, 13 pages.
1499. Lotfi, T.,F. Soleymani, Z. Noori, A. Kilicman, Efficient iterative methods with and without memory possessing high efficient indices, *Discrete Dynamics in Nature and Society*, Discrete Dynamics in Nature and Society, Volume 2014 (2014), Article ID 912796, 9 pages.
- A. Sharifi, S. Vanani, F. Haghani, M. Arab, S. Shateyi, On a new iterative scheme without memory with optimal eighth-order, *The Scientific World Journal*, Volume2014(2014), Article ID727490, 6 pages.
1500. T. Lotfi, K. Mahdiani, Z. Noori, F. Haghani, S. Shateyi, On a new three- step class of methods and its acceleration for nonlinear equations, *The Scientific World Journal*, Volume2014(2014), Article ID134673, 9 pages.

691. **Kyurkchiev, N.**, A. Ilev, A refinement of some overrelaxation algorithms for solving a system of linear equations, *Serdica J. Computing* 7 (2013), 249-256.

цитирана в:

1501. F. Soleymani, E. Tohidi, S. Shateyi, F. Haghani, Some matrix iterations for computing matrix sign function, *J. Appl. Math.*, Volume 2014 (2014), Article ID 425654, 9 pages.

692. **Kolkovska N.**, Angelow K., A Multicomponent Alternating Direction Method for Numerical Solving of Boussinesq Paradigm Equation, *Lecture Notes in Computer Science*, 8236 (2013), 371-378, SJR 0.332.

цитирана в:

1502. D. Vasileva, A Numerical Investigation of Stability of 1D Soliton Solutions of Boussinesq Paradigm Equation in the 2D Case, AIP CP, 1629, 2014, 207-216.

693. **Popova E.D.**, M. Hladik, Outer enclosures to the parametric AE solution set, Soft Computing 17: (2013), 1403–1414.

цитирана в:

1503. Jiajia Luo, Wei Li, Qin Wang, Checking strong optimality of interval linear programming with inequality constraints and nonnegative constraints, Journal of Computational and Applied Mathematics, 260 (2014) 180-190.
1504. Xia, Mengxue, LI, Wei, LI, Haohao, Farkas-type theorems for interval linear systems, Linear and Multilinear Algebra, 2014, 1-11. DOI: 10.1080/03081087.2014.940827

694. **Kutev N., N. Kolkovska, M. Dimova:** Global Existence of Cauchy Problem for Boussinesq Paradigm Equation. Computers and Mathematics with Applications, Vol. 65, 2013, 500–511.

цитирана в:

1505. Qingying Hu, Chenxia Zhang, and Hongwei Zhang: Global Existence of Solution for Cauchy Problem of Two-Dimensional Boussinesq-Type Equation. ISRN Mathematical Analysis, Vol. 2014 (2014), Article ID 890503, 6 p. <http://dx.doi.org/10.1155/2014/890503>.
1506. Xu Runzhang, Yang Yanbing, Liu Bowei, Shen Jihong and Huang Shaobin: Global existence and blowup of solutions for the multidimensional sixth-order “good” Boussinesq equation. Z. Angew. Math. Phys., 2014, DOI 10.1007/s00033-014-0459-9.
1507. Hatice Taskesen and Necat Polat: On the Existence of Global Solutions for a Nonlinear Klein-Gordon Equation. FILOMAT, Vol. 28:5, 2014, 1073–1079.

695. Князева, Е., **С. Гроздев**, М. Георгиева, Д. Гълъбова: Синергетичният подход във висшето педагогическо образование (Върху примери от дидактиката на математиката). В. Търново: СЛОВО, 2013, 215 страници + 4 приложения. (ISBN 978-954-439-986-3)

цитирана в:

1508. Колева, К.: Формиране на умения за решаване на логически задачи в контекста на синергетичния подход, Дисертация за присъждане на образователната и научна степен „доктор“, 14 юни 2014 г., Пловдив, 2014
1509. Пенев, П.: Още евристики с EXCEL, Математика и информатика, т. 57, 5, 2014, 472 – 479 (ISSN 1310-2230).
1510. Гайдаржи, Г., А. Русаков: Теоретико-методологическите аспекти проектирования концепции математического образования, Математика и информатика, т. 57, 5, 2014, 492 – 501 (ISSN 1310-2230).

696. **Гроздев, С., Т. Сергеева:** Динамическое моделирование как методологическая основа школьного курса геометрии в контексте теории пространственно-образного мышления (пленарный доклад), Сб. Научных трудов межд. конф. „Интеграционные процессы в естественнонаучном и математическом образовании“, Москва 4-6 февраля 2013, РУДН, Москва, **2013**, 3-8. (ISBN 978 -5-209-04774-2)

цитирана в:

1511. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.

697. **Гроздев, С., Б. Лазаров:** Експерименталната работа в училище, Математика и информатика, т. 56, 2, **2013**, 105–112 (ISSN 1310-2230).

цитирана в:

1512. Пенев, П.: Евристика с Excel, Математика и информатика, т. 57, 1, 2014, 18 – 33 (ISSN 1310-2230)

1513. Гоговска, В.: Задачите за десетти клас во учебниците во современното македонско училище (на македонски), Дисертация за присъждане на образователната и научна степен “доктор”, Благоевград, 08.01.2014 г.

698. **Гроздев, С., Д. Деков:** Математика с компютър, Математика и информатика, т. 56, 2, **2013**, 123–132 (ISSN 1310-2230).

цитирана в:

1514. Пенев, П.: Евристика с Excel, Математика и информатика, т. 57, 1, 2014, 18 – 33 (ISSN 1310-2230)

699. **Гроздев, С., И. Марашева, Е. Делинов:** Използване на облачни технологии при верификация на проекти за придобиване на практически занятия, Математика и математическо образование, Сборник доклади на 42 пролетна конференция на СМБ, Боровец, 2 – 6 април **2013**, София, ISSN 1313-3330, 366–372.

цитирана в:

1515. Шотлеков И., Д. Шаркова: Подходът „Обучаеми обучават обучаеми в облака (O4) – Първи етап. Научно списание "Педагогика", 2014 год. LXXXVI, том 86, кн. 4, 576-588

700. **Гроздев, С., Д. Деков:** Екстремални задачи в средното училище с помощта на компютърни таблици, Математика и информатика, т. 56, 4, **2013**, 351–367 (ISSN 1310-2230).

цитирана в:

1516. Пенев, П.: Евристика с Excel, Математика и информатика, т. 57, 1, 2014, 18 – 33 (ISSN 1310-2230)

701. **Grozdev, S., D. Dekov:** Points on the Kiepert hyperbola, Journal of Computer-Generated Mathematics, 8, **2013**, (<http://www.ddekov.eu/j/contents/htm#2013>)

цитирана в:

1517. Пенев, П.: Още еврестики с EXCEL, Математика и информатика, т. 57, 5, 2014, 472 – 479 (ISSN 1310-2230).

702. **Luchev, D., D. Paneva-Marinova, L. Pavlova-Draganova, R. Pavlov:** New Digital Fashion World, In the Proceedings of the International Conference on Computer Systems and Technologies ComSysTech'13, Ruse, Bulgaria, 28-29 June, **2013**, 270-275.

цитирана в:

1518. Стюарт, Р., М. Монова-Желева, Я. Желев. Цифровизиране на музейните фондове – ИТ секторът в помощ на българското културно-историческо наследство. Списание „Компютърни науки и комуникации”, Т. 3, № 4, 2014, 74-82. ISSN: 1314-7846
1519. М.Монова-Желева, Я. Желев, Р. Стюарт. Изграждане на виртуална експозиция с икони от фонда на Регионален исторически музей – Бургас. Компютърни науки и комуникации”, Т. 3, № 4, 2014, 92-101. ISSN: 1314-7846

703. **Панева-Маринова, Д., Р. Павлов.** Технологични аспекти в изграждането на мултимедийна цифрова библиотека за културно наследство, Иновации и култура – регионални решения и перспективи, **2013**, Велико Търново, стр. 89-98, ISBN: 987-954-8986-36-6.

цитирана в:

1520. М. Монова-Желева, Я. Желев, Р. Стюарт. Изграждане на виртуална експозиция с икони от фонда на Регионален исторически музей – Бургас. Компютърни науки и комуникации”, Т. 3, № 4, 2014, 92-101. ISSN: 1314-7846
1521. Georgiev, V. A Web Application for Creating and Presenting 3D Object Expositions. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 79 – 86. ISSN 1314-4006
1522. Rangochev, K., M. Dimitrova, M. Goinov: Encyclopaedia Slavica Sanctorum: Further Developments. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 135 – 146. ISSN 1314-4006
1523. Stewart, R., M. Monova-Zheleva, Y. Zhelev, L. Draganov: Coins from the Burgas Bay: Creation of a New Digital Numismatic Content in the Internet Representing the Economic and Cultural Development of Burgas Region from Ancient Times to the Present Days. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 247-255. ISSN 1314-4006

704. **Bontchev, B., O. Konstantinov.** Producing and Publishing Video Lectures for Higher Education, in Challenges in Higher Education and Research in the 21st Century, Heron Press, Vol. 11, **2013**, 71-74. ISBN 978-954-580-325-3

цитирана в:

1524. Славов, В. Д. Резултати от дистанционно провеждане на някои лабораторни упражнения във ФАИО, Технически доклад, ТУ-София, 2014 http://ecad.tu-sofia.bg/~radonov/publ/files/1621_REZULTATI%20OT%20DISTANCIO

NNO%20PROVEJDANE%20NA%20NQKOI%20LABORATORNI%20U
PRAJNENIQ%20VYV%20FAIO%20v1.0.pdf

705. **Dimitrova, L., V. Koseska** Bulgarian-Polish Language Resources (Current State and Future Development). In: Cognitive Studies|Études cognitives, vol. 13, **2013**, 161-170, SOW, Warsaw. ISSN: 2080-7147, IF [ERIH nat]

цитирана в:

1525. Dutsova, R. Web-based software system for processing bilingual digital resources. In: Cognitive Studies| Études cognitives, vol. 14, 33-43, 2014, IF [ERIH nat] DOI: <http://dx.doi.org/10.11649/cs.2014.004>; <https://ispan.waw.pl>

706. **Pericliev, V.** Componential Analysis of Kinship Terminology: A Computational Perspective. Palgrave Macmillan: Basingstoke and New York, **2013**. ISBN: 9781137031174

цитирана в:

1526. Радев, Сл. Методи, Наблюдения, Теории. ФорКом, София, 2014. ISBN 978-954-464-219-8

707. Camus, A., **D. Paneva-Marinova, D., Luchev.** Digital Humanities: Challenges of the Transformation of Tools and Objects of Knowledge in Contemporary Humanities, Mobile Exploring of the Bulgarian Iconography through QR Codes in the GUIDE@HAND Tourist Guide Application, In the Proceedings of the Third International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2013, Veliko Tarnovo, Bulgaria. Sofia, **2013**, 109-119.

цитирана в:

1527. Rangochev, K., M. Dimitrova, M. Goinov: Encyclopaedia Slavica Sanctorum: Further Developments. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 135 – 146. ISSN 1314-4006

708. **Paneva-Marinova, D., D. Luchev, K. Rangochev.** e-Exhibitions for the Bulgarian Folklore, In the Proceedings of the Forty Second Spring Conference of the Union of Bulgarian Mathematicians, Bulgaria, April, **2013**, 306-312.

цитирана в:

1528. Stewart, R., M. Monova-Zheleva, Y. Zhelev, L. Draganov: Coins from the Burgas Bay: Creation of a New Digital Numismatic Content in the Internet Representing the Economic and Cultural Development of Burgas Region from Ancient Times to the Present Days. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 247-255. ISSN 1314-4006

709. **Rangochev, K., M. Goynov, M. Dimitrova, I. Hristova-Shomova.** Encyclopaedia Slavica Sanctorum: Activitiy, Users, Statistics, In the Proceedings of the Third International Conference “Digital Preservation and Presentation of Cultural and Scientific Heritage, September 18-21, 2013, Veliko Tarnovo, Bulgaria, **2013**, 81-90.

цитирана в:

1529. Stewart, R., M. Monova-Zheleva, Y. Zhelev, L. Draganov: Coins from the Burgas Bay: Creation of a New Digital Numismatic Content in the Internet Representing the Economic and Cultural Development of Burgas Region from Ancient Times to the Present Days. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 247-255. ISSN 1314-4006

710. Kaposi, G., T. Szkaliczki, Z. Márkus, **D. Luchev, M. Goynov, D. Paneva-Marinova**. Mobile Exploring of the Bulgarian Iconography through QR Codes in the GUIDE@HAND Tourist Guide Application, In the Proceedings of the Third International Conference on Digital Presentation and Preservation of Cultural and Scientific Heritage, September 18-21, 2013, Veliko Tarnovo, Bulgaria, **2013**, 44-52

цитирана в:

1530. Bogdanova, G., D. Koleva, P. Hristov. Interactive Cultural Map of Veliko Tarnovo Municipality as a Part of the eCity Platform Veliko Tarnovo In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 270-275. ISSN 1314-4006

711. **Dutsova, R.** Web-application for Presentation of Bulgarian Language Heritage: Bilingual Digital Corpora and Dictionaries. In the Proceedings of the International Conference Digital Presentation and Preservation of Cultural and Scientific Heritage **DIPP'2013** , 99-108, ISSN: 1314-4006.

цитирана в:

1531. Dimitrova, L., Koseska–Toszewa, V. Semantics Properties of Selected Universal Language Categories in Digital Bilingual Resources. Demetra Ltd Publishers, Sofia, 2014, 155 pp. ISBN 978-954-8986-40-3

712. R Ikehata, G Todorova, B Yordanov, Wave equations with strong damping in Hilbert spaces, Journal of Differential Equations, 2013, Volume 254, Issue 8, 15 April **2013**, Pages 3352–3368

цитирана в:

1532. M D'Abbicco, A wave equation with structural damping and nonlinear memory, Nonlinear Differential Equations and Applications, 21, 2014, 751-773.
1533. M Ghisi, M Gobbino, Kirchhoff equations with strong damping, arXiv preprint, 2014
1534. M Ghisi, M Gobbino, Linear hyperbolic equations with time-dependent propagation speed and strong damping, arXiv preprint, 2014
1535. M D'Abbicco, MR Ebert, Diffusion phenomena for the wave equation with structural damping in the L_p – L_q framework, Journal of Differential Equations, 2014, Volume 256, Issue 7, 1 April 2014, Pages 2307–2336
1536. M D'Abbicco, M Reissig, Semilinear structural damped waves, Mathematical Methods in the Applied Sciences, Volume 37, Issue 11, pages 1570–1592, 30 July 2014

1537. JA Esquivel-Avila, Blow up and asymptotic behavior in a nondissipative nonlinear wave equation, *Applicable Analysis*, Volume 93, Issue 9, 2014, 1963-1978
1538. A Carter, T Long, D Uğurlu, Decay of energy for wave equations with strong damping terms and space–time-dependent coefficients, *Applicable Analysis*, Volume 93, Issue 7, 2014, 1515-1532

713. R Ikehata, G Todorova, B Yordanov, Optimal decay rate of the energy for wave equations with critical potential, *Journal of the Mathematical Society of Japan*, **Vol. 65 (2013) No. 1** p. 183-236

цитирана в:

1539. JL Horbach, N Nakabayashi, Energy decay for elastic wave equations with critical damping, *Electronic Journal of Differential Equations*, Vol. 2014 (2014), No. 127, pp. 1-12.
1540. Y Wakasugi, Critical exponent for the semilinear wave equation with scale invariant damping, *Fourier Analysis*, 2014, *Trends in Mathematics*, 375-390
1541. A Carter, T Long, D Uğurlu, Decay of energy for wave equations with strong damping terms and space–time-dependent coefficients, *Applicable Analysis*, Volume 93, Issue 7, 2014, 1515-1532

714. V. Milousheva, Marginally trapped surfaces with pointwise 1-type Gauss map in Minkowski 4-space, *Int. Journal of Geom.*, **2 (1), 2013**, 34-43.

цитирана в:

1542. N. Turgay, E. Canfes, *On the minimal submanifolds with finite type Gauss map in semi-Euclidean spaces*, In: *Mathematical Applications in Modern Science*, N. Mastroarakis, M. Demiralp, and A. Beckwith (Eds), *Proceedings of the 19th International Conference on Applied Mathematics (AMATH'14)*, WSEAS Press, (2014), 60-65.
1543. F. Aksoyak, Y. Yayli, *Boost Invariant Surfaces with Pointwise 1-Type Gauss Map in Minkowski 4-Space*, *International Workshop on Finite Type Submanifolds'2014, Book of Abstracts*, Eds.: N. C. Turgay and E. Canfes, Istanbul, 2014

715. T. Gurov, S. Ivanovska, A. Karaivanova, **N. Manev**, Monte Carlo Methods Using a New Class of Congruential Generators, L.Kocarev (Ed.), *ICT Innovations 2011, AISC 150*, Springer, 2012, pp. 257-267, ISSN: 1867-5662, DOI: 10.1007/978-3-642-28664-3_24, SJR: 0.139 (2013)

цитирана в:

1544. A. Mitra, A. Kundu, Cost optimized random sampling in cellular automata for digital forensic investigations, *Studies in Computational Intelligence*, Volume 555, Springer International Publishing, 2014, pp. 79-95, ISSN: 1860-949X.

2014

716. Stochastic monotonicity and continuity properties of functions defined on Crump–Mode–Jagers branching processes, with application to vaccination in epidemic ... F Ball, M

González, R Martínez, **M Slavtchova-Bojkova**, (2014) Bernoulli, Vol. 20, No. 4, 2076-2101. (<http://dx.doi.org/10.3150/13-BEJ551>)

цитирана в:

1545. Afanasyev, V. I. "On the Time of Attaining a High Level by a Transient Random Walk in Random Environment." XVI-th International Summer Conference on Probability and Statistics (ISCPS-2014).

717. **Kyurkchiev, N., A. Iliev**. A Refinement of Some Overrelaxation Algorithms for Solving a System of Linear Equations. *Serdica Journal of Computing*, 7, 3, **2014**, ISSN:1312-6555

цитирана в:

1546. Trencheva, M., M. Traykov, I. Trenchev, Analysis of the Human Resources of the Food Subsectors Through Benchmarking, Proceedings of the Fifth International Scientific Conference – FMNS2013, 12 – 16 June 2013, Faculty of Mathematics and Natural Science, VOLUME 1, MATHEMATICS AND INFORMATICS, South-West University “Neofit Rilski” Blagoevgrad, 175-179, ISSN 1314-0272, @**2014**

1547. Soleymani, F., E. Tohidi, S. Shateyi, K. Haghani, Some matrix iterations for computing matrix sign function, *Journal of Applied Mathematics*, 2014, ISSN: 1110-757X, IF: 0.834, @**2014**

718. **Gateva-Ivanova, T., G. Floystad**: Monomial algebras defined by Lyndon words, *J. Algebra*, 403, (2014) 470-496, ISSN: 0021-8693.

цитирана в:

1548. Zhou, G. S., D.M. Lu: Artin-Schelter regular algebras of dimension five with two generators, *J. Pure Appl. Algebra*, 218, (2014), 937-961, Elsevier, ISSN: 0022-4049

1549. Shen, Y., G.S. Zhou, D.-M. Lu: Homogeneous PBW Deformations for Artin-Schelter Regular Algebras, *Bull. Australian Math. Soc.*, Cambridge Univ Press, DOI: <http://dx.doi.org/10.1017/S0004972714000628>, 16 pages. Published online: 12 September 2014 ISSN: 0004-9727 EISSN: 1755-1633

1550. Saari, K.: Lyndon words and Fibonacci numbers, *Journal of Combinatorial Theory, Series A*, 121 (2014) 34-44, ISSN: 0097-3165

1551. Zhou, G.S., DM Lu: Lyndon words for Artin-Schelter regular algebras, arXiv preprint arXiv:1403.0385, 2014 - arxiv.org

719. **Ganchev G., V. Milousheva**. Quasi-minimal Rotational Surfaces in Pseudo-Euclidean Four-dimensional Space. // *Cent. Eur. J. Math.*, 12 (10) (2014) ISSN 1895-1074 (ArXiv:1210.2741)

цитирана в:

1552. B. Mendonça, Rotational Submanifolds in Pseudo-Euclidean Spaces, PoS ICMP 2013 005 (2014), 22 pp., preprint available at <http://pos.sissa.it/>

720. **Ivanov S.** (with I. Minchev and D. Vassilev), Quaternionic contact Einstein structures and quaternionic contact Yamabe problem // *Memoirs of the Amer. Math. Soc.*, vol. 231, number 1086, (2014).

цитирана в:

1553. Hladky R. K., The topology of quaternionic contact manifolds, arXiv:1402.1775.

1554. Petkov A., Riemannian and sub-Riemannian manifolds with additional structures // Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
1555. Petkov A., A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold, arXiv:1404.4377.

721. **Ivanov S.** (with M. Fernandez, L. Ugarte, D. Vassilev). Non-Kaehler Heterotic String Solutions with non-zero fluxes and non-constant dilaton // J. High Energy Physics 06 (2014) 073.

цитирана в:

1556. Melnikov I. V., R. Minasian, S. Sethi. *Heterotic fluxes and supersymmetry*, arXiv:1403.4298 [hep-th].
1557. Haupt A. S., O. Lechtenfeld, E. T. Musaev. *Order α heterotic domain walls with warped nearly Kähler geometry*, arXiv:1409.0548 [hep-th].

722. **V. Milousheva**, K. Arslan, B. Bulca, *Meridian surfaces in E^4 with pointwise 1-type Gauss map*. // Bull. Korean Math. Soc. **51** (2014), no. 3, pp. 911–922

цитирана в:

1558. Chen B.-Y., *Total Mean Curvature and Submanifolds of Finite Type*. Second Edition. World Scientific, 2014.

723. **Nikolov N.** Comparison of invariant functions on strongly pseudoconvex domains, J. Math. Anal. Appl. 421 (2015), No 1, 180-185. ISSN 0022-247X.

цитирана в:

1559. Kosinski L., Comparison of invariant functions and metrics, Arch. Math. 102(2014), 271-281

724. **Nikolov N.** Gromov (non)hyperbolicity of certain domains in \mathbf{C}^2 (with P. J. Thomas and M. Trybula), arXiv:1403.7673.

цитирана в:

1560. Zimmer A. M., Gromov hyperbolicity and the Kobayashi metric on convex domains of finite type, arXiv:1405.2858.
1561. Zimmer A. M., Gromov hyperbolicity, the Kobayashi metric, and C-convex sets, preprint (2014);
math.uchicago.edu/~andrew.zimmer/kobayashi_Cconvex.pdf

725. **Paneva-Konovska J.** Convergence of series in three-parametric Mittag-Leffler functions. *Mathematica Slovaca*, Volume **64**, Issue 1, 2014, pp 73-84. DOI: 10.2478/s12175-013-0188-0

цитирана в:

1562. Sandev T., Ž. Tomovski, Langevin equation for a free particle driven by power law type of noises, *Physics Letters A* **378** (2014) 1–9
<http://dx.doi.org/10.1016/j.physleta.2013.10.038>
1563. Sandev T., R. Metzler, Ž. Tomovski, Correlation functions for the fractional generalized Langevin equation in the presence of internal and external noise *Journal of Mathematical Physics* **55**, 023301, 1-23 (2014)
<http://dx.doi.org/10.1063/1.4863478>

726. **Paneva-Konovska J.**, A family of hyper-Bessel functions and convergent series in them.

Fract. Calc. Appl. Anal. **17**, No 4 (2014), 1001–1015; DOI: 10.2478/s13540-014-0211-3;
<http://link.springer.com/journal/13540>.

цитирана в:

1564. Kiryakova V., From the hyper-Bessel operators of Dimovski to the generalized fractional calculus (Survey paper) // *Fract. Calc. Appl. Anal.*, Vol. **17**, No 4 (2014), pp. 977–1000; DOI:10.2478/s13540-014-0210-4

727. **Гроздев, С.,** Е. Петрова: Състезанието „Европейско кенгуру“ за ученици със зрителни увреждания, Математика и информатика, т. 57, 2, **2014**, 166–174 (ISSN 1310-2230).

цитирана в:

1565. Отзив за статията в „Азбуки“ брой 20 (1161) 15 – 21 май 2014.

728. **Гроздев, С.,** И. Марашева-Делинов, Е. Делинов: Примери за работа с актуални данни в час по статистика, Сборник доклади на 43 пролетна конференция на СМБ, Боровец, 2 – 6 април **2014**, София, ISSN 1313-3330, 234–239.

цитирана в:

1566. Shotlekov, I.: Learners teach learners in the cloud: insiders' perspective, Proceedings of the International Conference "From DeLC to Velspace", Plovdiv, 26-28 March 2014, pp. 343-350, 2014, ISBN 0-9545660-2-5.

729. **Гроздев, С.,** Д. Стефанова, К. Василева, С. Колева, Р. Петрова: Стимулиране на творческа активност при билингви чрез динамичен софтуер, Математика и информатика, т. 57, 3, **2014**, 247–273 (ISSN 1310-2230).

цитирана в:

1567. Откъс от статията в „Азбуки“ брой 28 (1169) 10 – 16 юли 2014 г.

1568. Отзив за статията в „Азбуки“ брой 31 (1172) 31 юли – 6 август 2014 г.

730. **Гроздев, С.,** В. Ненков: Някои методически подходи за съставяне на задачи за олимпиади, Математика и информатика, т. 57, 3, **2014**, 309–316 (ISSN 1310-2230).

цитирана в:

1569. Откъс от статията в „Азбуки“ брой 30 (1171) 24 – 30 юли 2014 г.

731. **Гроздев, С.,** Д. Стефанова: Мотивация при решаване на задачи чрез преформулировка на условията, Математика и информатика, т. 57, 4, **2014**, 416–421 (ISSN 1310-2230).

цитирана в:

1570. Откъс от статията в „Азбуки“ брой 36 (1177) 4 – 10 септември 2014 г.

1571. Отзив за статията в „Азбуки“ брой 37 (1178) 11 – 17 септември 2014.

732. **Grozdev, S.,** D. Dekov: Computer-generated mathematics: points on the Kiepert hyperbola, *The Mathematical Gazette*, note 98.33, **2014**, 37 – 38.

цитирана в:

1572. Пенев, П.: Още евристики с EXCEL, Математика и информатика, т. 57, 5, 2014, 472 – 479 (ISSN 1310-2230).

733. **Гроздев, С.,** Д. Деков: Машинен подход към Евклидовата геометрия: Триъгълници на Ойлер, Произведения на Ойлер и Трансформации на Ойлер, Математика и

информатика, т. 57, 5, **2014**, 519–528 (ISSN 1310-2230).

цитирана в:

1573. Откъс от статията в „Азбуки“ брой 42 (1182) 16 – 22 октомври 2014 г.

734. **Гроздев, С., В. Ненков:** Формиране на знания върху кривите от втора степен, Математика и информатика, т. 57, 5, **2014**, 529–540 (ISSN 1310-2230).

цитирана в:

1574. Отзив за статията в „Азбуки“ брой 51 – 52 (1191 – 1192) 18 декември 2014 г.

735. **Dutsova, R.** Web-based software system for processing bilingual digital resources. In: Journal Cognitive Studies/Études Cognitives. Vol. 14, SOW, Warsaw, **2014**, 33–43. ISSN 2080-7147

цитирана в:

1575. Dimitrova, L., Koseska–Toszewa, V. Semantics Properties of Selected Universal Language Categories in Digital Bilingual Resources. Demetra Ltd Publishers, Sofia, 2014, 155 pp. ISBN 978-954-8986-40-3

736. **Paneva-Marinova, D., D. Luchev, Z. Márkus, T. Szkaliczki.** Mobile Access to Specimens of the Bulgarian Iconography through QR Code in GPS-based Information System, Forty Third Spring Conference of the Union of Bulgarian Mathematicians, Bulgaria, April, **2014**, 180-185

цитирана в:

1576. Rangochev, K., M. Dimitrova, M. Goinov: Encyclopaedia Slavica Sanctorum: Further Developments. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 135 – 146. ISSN 1314-4006

1577. Bogdanova, G., D. Koleva, P. Hristov. Interactive Cultural Map of Veliko Tarnovo Municipality as a Part of the eCity Platform Veliko Tarnovo In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, 2014, 270-275. ISSN 1314-4006

737. **Paneva-Marinova, D., L. Pavlova, V. Sapundjiev, M. Bogdanova.** Interactive Environment for Digital Preservation and Preservation of Fashion Objects. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, **2014**, 147-155. ISSN 1314-7846

цитирана в:

1578. Павлов, Р., Д. Лучев: Технологични аспекти и услуги в цифрови библиотеки с културно-исторически съдържание, Компютърни науки и комуникации, Т. 3, № 4, 2014, 63-73. ISSN 1314-7846

738. **Rangochev, K.**, M. Dimitrova, **M. Goinov**. Encyclopaedia Slavica Sanctorum: Further Developments. In: Pavlov, R., P. Stanchev. Digital Presentation and Preservation of Cultural and Scientific Heritage. UNESCO International Conference, September 18-21, 2014, Veliko Tarnovo, Bulgaria. Proceedings, Vol. 4, **2014**, 135-146. ISSN 1314-4006

цитирана в:

1579. Павлов, Р., Д. Лучев: Технологични аспекти и услуги в цифрови библиотеки с културно-исторически съдържание, Компютърни науки и комуникации, Т. 3, № 4, 2014, 63-73. ISSN 1314-7846

739. T. Rangelov, M. Marinov, P. Dineva, Time-harmonik behaviour of cracked piezoelectric solid by Boundary Integral Equation Method, Journal of Theoretical and Applied Mechanics, 44 (1), 55–78, **2014**.

цитирана в:

1580. H. P. Song, C. F. Gao, Interaction between a permeable crack and piezoelectric screw dislocations, line forces and line charges in a finite piezoelectric cylinder, Journal of Theoretical and Applied Mechanics, 44 (4), 51–68, 2014.

740. B. Skritek, **Ts. Tsachev, V.M. Veliov**, Optimality conditions and the Hamiltonian for a distributed optimal control problem on controlled domain, Applied Mathematics & Optimization, 70 (**2014**), No 1, 141--164, DOI: 10.1007/s00245-014-9237-5

цитирана в:

1581. A.O. Belyakov, Essays on economic dynamics under heterogeneity, These presentee en vue de lobtention du grade de docteur en sciences economiques, Departement des Sciences economiques, Universite catholique de Louvain, 2014.